Funding Resources

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

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Campus and Agency News

NSF DEAR COLLEAGUE LETTERS

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


The Directorate for Education and Human Resources is interested in encouraging the submission of proposals for new REU Sites that would engage undergraduate students in conducting STEM education research. Proposals are welcome from investigators at institutions of higher education in STEM disciplinary departments or schools/colleges of education, as well as from investigators in other organizations concerned with STEM education research, such as science centers and national facilities.

This is not a special competition or new program. Relevant proposals should be submitted to the existing REU program on its annual deadline according to the instructions found in the solicitation at http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517. Investigators are welcome to contact an EHR REU program officer by e-mail at reu.ehr@nsf.gov or by phone at 703-292-7155 to discuss their idea for an REU Site focusing on STEM education research.


The Directorate for Biological Sciences (BIO) has initiated new procedures for the submission and review of regular research proposals to the core programs within the Division of Molecular and Cellular Biosciences (MCB), Division of Environmental Biology (DEB), and Division of Integrative Organismal Systems (IOS).

DEB and IOS will both implement an annual cycle of preliminary and full proposals beginning in January 2012. Preliminary proposals will be accepted in January. Following review, each applicant will be notified of a binding decision to Invite or Not Invite submission of a full proposal.

All proposals submitted to DEB or IOS in response to the core program solicitations, and to the Research at Undergraduate Institutions (RUI) and Long-term Research in Environmental Biology (LTREB) solicitations, must pass the preliminary proposal stage. The only exceptions are LTREB Renewals. RAPIDs, EAGERs, conferences/workshops, and supplemental funding requests will continue to be accepted at any time by IOS and DEB programs. Proposals submitted in response to special solicitations (e.g. BREAD, CAREER, CNH, EID) will remain unaffected by these new procedures. However, OPUS and RCN proposals will only be accepted by the core programs in DEB and IOS once a year at the August deadline for full proposals.


The changes for MCB were previously announced in a new solicitation (http://www.nsf.gov/pubs/2011/nsf11545/nsf11545.htm).
NIH REQUESTS FOR INFORMATION (RFI)

The Advisory Committee to the NIH Director (ACD) has established a working group to examine the future of the biomedical research workforce in the United States. To ensure a thorough and comprehensive evaluation of the issues underlying the future of the biomedical research workforce, responses are being sought from the extramural community, including students, postdoctoral fellows, scientists, scientific societies, and NIH grantee institutions, as well as from the general public.

In its initial deliberations, the working group identified the following issues as important to consider when developing a model of the future biomedical research workforce:

• The balance between supply, including the number of domestic and foreign trained PhDs and post-docs, and demand, i.e. post-training career opportunities.
• Characteristics of PhD training in biomedical research, including issues such as
  • The length of the PhD training period.
  • Recommendations for changes to the PhD curriculum.
  • Training for multiple career paths (including bench and non-bench science).
• Characteristics of clinician-research training including issues such as
  • The balance between MDs and MD/PhDs
  • Career development of clinician-researchers.
  • Recommendations for changes to the curricula for training clinician-researchers.
• Length of Post-doctoral training.
• The ratio of PhD students and postdoctoral fellows on training grants to those supported by research grants.
• Possibilities for professional/staff scientist positions and the level of training required for such positions (e.g. PhD or MSc degrees).
• Issues related to the attractiveness of biomedical research careers (e.g. salary, working conditions, availability of research funding)
• The effect of changes in NIH policies on investigators, grantee institutions and the broader research enterprise.

Information is sought for each of the areas identified above and any other items the working group might consider. Response to this RFI is voluntary. Responders are free to address any or all of the above items. All comments must be submitted electronically to: http://grants.nih.gov/grants/guide/rfi_files/bmw/add.cfm. Responses to this RFI will be accepted through October 7, 2011.

OTHER ANNOUNCEMENTS
International Science and Engineering Visualization Challenge
The National Science Foundation and Science created the International Science & Engineering Visualization Challenge to celebrate the grand tradition of science illustration. The spirit of the competition is for communicating science, engineering and technology for education and journalistic purposes. Judges will select winners in each of five categories: Photography, Illustrations, Informational Posters and Graphics, Interactive Games and Videos. The winning entries will appear in a special section in Science and Science Online, and on the NSF website, and one of the winning entries will be pictured on the front cover. In addition, each winner will receive a one-year print and on-line subscription to the journal Science and a certificate of appreciation. Entries are due Sept. 30. For more information visit http://www.nsf.gov/news/special_reports/scivis/challenge.jsp or contact scivis@nsf.gov.
Invitation for Members to Serve on NASA Federal Advisory Committees

NASA announces an invitation for the public to nominate individuals and also submit self-nominations for consideration as potential members of NASA's Federal advisory committees. NASA's Federal advisory committees have member vacancies from time to time throughout the year, and NASA will consider nominations and self-nominations to fill such intermittent vacancies. NASA is committed to selecting members to serve on its Federal advisory committees based on their expertise, knowledge, and contribution to the relevant subject area. The deadline for nominations is Sept. 20. For additional information, please visit the NASA Advisory Committee Management Division website (http://oiir.hq.nasa.gov/acmd.html), or contact Susan Burch, Advisory Committee Specialist, NASA Headquarters, (202) 358-0550, or susan.burch@nasa.gov.

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 or e-mail training@research.ucsb.edu.

Overview of Contract and Grant Administration (2 hours)

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

Wednesday, September 14, 2011; 9–11 a.m.
Location: Phelps 2536

Cost Principles and Cost Accounting Standards (3 hours)

This course covers the primary federal regulation governing what costs may be included in proposal budgets and charged to contracts and grants: OMB Circulars A-21 and A-110.

Thursday, October 6, 2011; 9 a.m.–noon
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.

Programs with upcoming campus deadlines include:

- The Brain Research Foundation Scientific Innovations Award—Campus Notice of Intent 9/12/11; Agency deadline 10/17/11
- Greenwall Foundation Faculty Scholars in Bioethics—Campus Notice of Intent 9/12/11; Agency deadline 11/1/11
• California Council for the Humanities CA Story Fund—Campus Notice of Intent 9/19/11; Agency deadline 11/15/11
• IMLS Museums for America—Campus Notice of Intent 9/19/11; Agency deadline 11/1/11
• NSF Sustainability Research Networks Competition (SRN)—Campus Notice of Intent 9/26/11; Campus Pre-proposal deadline 10/10/11; Agency Pre-proposal deadline 12/1/11

Programs with open campus spots (please contact funding@research.ucsb.edu if you are interested in submitting to one of these programs):
• Nuclear Regulatory Commission Faculty Development Grant—Agency deadline 9/22/11
• NIH NEI Center Core Grants for Vision Research (P30)—Agency deadline 9/27/11
• NSF Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)—Agency deadline 9/27/11
• The Procter & Gamble Fund Higher Education Grant Program—Agency deadline 9/30/11
• NIH NIDCD Research Core Centers (P30)—Agency deadline 9/30/11
• NSF Research Experiences for Teachers (RET) in Engineering and Computer Science Site Proposals—Agency deadline 10/3/11
• NSF ADVANCE Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers—Agency LOI 10/3/11; Agency deadline 11/7/11
• Parker B. Francis Fellowship Program Fellowship in Pulmonary Research—Agency deadline 10/12/11
• NSF Geoscience Education—Agency deadline 10/12/11
• NIH Nutrition Obesity Research Centers (P30)—Agency LOI 10/19/11; Agency deadline 11/16/11
• NIH George M. O’Brien Kidney Research Core Centers (P30)—Agency LOI 10/15/11; Agency deadline 11/15/11
• NIH Bridges to the Doctorate—Agency deadline 10/31/11
• NIH Institutional Research and Academic Career Development Awards (IRACDA) (K12)—Agency deadline 10/31/11
• NSF Advancing Digitization of Biological Collections (ADBC)—Agency deadline 10/31/11
• Burroughs Wellcome Fund Investigators in the Pathogenesis of Infectious Disease—Agency deadline 11/1/11

Archuleta, R.J. (Earth Science), Tanimoto, T. (Earth Science), Earth Research Institute, $15,000, University of Southern California, “Using Seismic Noise for the Purpose of Improving Shallow S-Wave Velocity Models.”


Awschalom, D.D. (Physics), Cleland, A.N. (Physics), California Nanosystems Institute, $5,227,003, Army Research, Development and Engineering Command, "Quantum BioImaging with Diamond Spins (QuBIDS).”


Bhavnani, K., Sociology, $8,000, Pacific Pioneer Fund, “Nothing Like Chocolate.”

Bildsten, L., Physics, $785,289, National Science Foundation, “Explosions in White Dwarf Binaries.”

Bookhagen, B. (Geography), Hanshaw, M.N. (Geography), Earth Research Institute, $30,000, NASA Shared Services Center, “Volumetric Glacial Changes in the Central Andes During the Past Four Decades: Climate Change, Debris Coverage, or ENSO Variability.”

Bultan, T., Ibarra, O.H., Computer Science, $328,624, National Science Foundation, "SHF: Small:Collaborative Research: Formal Analysis of Distributed Interactions.”

Cosden, M. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $45,000, County of Santa Barbara, “Sober Women/Healthy Families.”

Cosden, M. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $29,000, County of Santa Barbara, “Methamphetamine Recovery Services (MARS).”

Cosden, M. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $45,000, County of Santa Barbara, “Clean and Sober Drug Court.”

Cosden, M. (Counseling, Clinical, and School Psychology), Sharkey, J. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $45,000, County of Santa Barbara, “Bridges to Recovery (B2R).”

Cosden, M. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $50,000, County of Santa Barbara, “Children Affected by Methamphetamine: Family Treatment Drug Court.”

Cosden, M. (Counseling, Clinical, and School Psychology), Gevirtz Research Institute, $26,660, County of Santa Barbara, “Evaluation of ADP Programs.”

Cottle, J.M. (Earth Science), Earth Research Institute, $311,385, National Science Foundation, “Exploring the Significance of Na-Alkaline Magmatism in Subduction Systems, a Case Study From the Ross Orogen, Antarctica.”


Dewar, T.J. (Gevirtz Graduate School of Education), Gevirtz Research Institute, $35,000, National Writing Project, “South Coast Writing Project.”


Han, S., Chemistry & Biochemistry, $497,922, National Institutes of Health—National Center for Research Resources, “Arbitrary Pulse Shaping to Advance Electron Paramagnetic Resonance Tools for Biomedical Applications.”


Jones, C., Carvalho, L. (Geography), Earth Research Institute, $466,314, National Science Foundation, “The Madden-Julian Oscillation and predictability of extreme precipitation in the United States.”


Kendall, B.E. (Bren School of Environmental Science & Management), Earth Research Institute, $260,763, National Science Foundation, “Collaborative Research: Demographic Heterogeneity in Landscapes and Communities.”

Koegel, R. (Department of Counseling, Clinical, and School Psychology), Bradshaw, J. (Gevirtz Graduate School of Education), Gevirtz Research Institute, $25,000, Autism Science Foundation, “Prelinguistic symptoms of autism spectrum disorders in infancy: Understanding social engagement through a pilot assessment and intervention program.”

Krechtnikov, R., Mechanical Engineering, $100,000, American Chemical Society, “Theoretical and experimental study of dynamic boundary conditions at surfactant-laden interfaces.”

Kuris, A.M. (Ecology, Evolution & Marine Biology), Hechinger, R.F., Marine Science Institute, $2,149,447, National Science Foundation, “Collaborative Research: Modeling Infectious Diseases: How Much Ecological Complexity Must We Address?”

Lew, J., Molecular, Cellular & Developmental Biology, $50,000, UC Cancer Research Coordinating Committee, “Targeting p25 to tumors; A novel cancer therapeutic strategy.”


Radeke, M., Neuroscience Research Institute, $100,000, American Health Assistance Foundation, “The Epigenetics of RPE Aging.”

Roberts, D., Geography, $200,000, Naval Postgraduate School, “Quantifying the Structure and Function of an Urban Ecosystem Using Imaging Spectrometry, Thermal Imagery, and Small Footprint LiDAR.”

Rodwell, M.J., Electrical & Computer Engineering, $10,000, Office of Naval Research, “ONR Sponsorship of the 2011 Device Research Conference.”

Sandoval, C. (UC Natural Reserve System), Swarbrick, S.L. (UC Natural Reserve System), Marine Science Institute, $250,000, California Coastal Conservancy, “Access Improvements and Restoration at Coal Oil Point Reserve.”


Wilson, D.S., Marine Science Institute, $33,713, Consortium for Ocean Leadership, “IODP Expedition 335 Shipboard Geophysicist.”

Yi, T., Molecular, Cellular & Developmental Biology, $513,776, National Science Foundation, “Collaborative Research: Next-Generation Algorithms for Stochastic Spatial Simulation of Cell Polarization.”
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 Commerce (DOC)**

10/3/2011 Full Application

**Climate Program Office for FY 2012**

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

http://www.cpo.noaa.gov/index.jsp?pg=/opportunities/opp_index.jsp&opp=grants

Contact: Varies with research interest

Solicitation number: NOAA-OAR-CPO-2012-2003041

In FY 2012, NOAA will accept individual applications for 12 Competitions, organized around CPO’s four major Programs: Climate Observations and Monitoring; Earth System Science (ESS); Modeling, Analysis, Predictions, and Projections (MAPP); and Climate and Societal Interactions (CSI). Investigators are highly encouraged to learn more about CPO, its Programs in general, and specific Program priorities for FY2012 prior to submitting applications. This information, along with the names and contact information of relevant Competition Managers, is provided in Program information sheets that can be found at the following website: http://www.cpo.noaa.gov/index.jsp?pg=./opportunities/opp_index.jsp&opp=2012/program_elements.jsp

10/4/2011 Full Proposal

**California Bay Watershed Education and Training Program**

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

http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=102833

Contact: Seaberry Nachbar, 831/647-4204, seaberry.nachbar@noaa.gov

Solicitation number: NOAA-NOS-NMS-2012-2003071

The California B-WET grant program is a competitively based program that supports existing environmental education programs, fosters the growth of new programs, and encourages the development of partnerships among environmental education programs throughout the San Francisco Bay, Monterey Bay, and Santa Barbara Channel watersheds. Projects support organizations that provide students “meaningful” watershed educational experiences and teachers professional development opportunities in the area of environmental education. Typical project awards for the identified priority areas will range from $30K to $60K.

11/1/2011 Application

**Coral Reef Conservation Program Domestic Coral Reef Conservation Grants**

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

http://www.grants.gov/search/announce.do;jsessionid=ggg1TWQCcT6Zd6pNyw8G2T6vh1DttxBwy8ZMTtX3Kx0Y001glGVG|1964

Contact: Jenny Waddell, 301/713-3155 ext. 150, Jenny.Waddell@noaa.gov

Solicitation number: NOAA-NOS-OCR-M-2012-2003014

These awards are intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, Hawaii, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in U.S. portions of the Gulf of Mexico. Proposals submitted to this competition must address at least one of the following four categories: 1) Fishing Impacts; 2) Land-Based Sources of Pollution; 3) Climate Change; and 4) Local and Emerging Management Issues. NOAA will not accept proposals with a budget under $30K or over $100K under this solicitation. It is expected that the average award size will be $50K. A 1:1 match of non-Federal funds is required.

**Department of Defense (DOD)**
**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.

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

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

http://www07.grants.gov/search/search.do?oppId=92213&mode=VIEW

Contact: Varies with research interest

Solicitation number: W912HZ-11-BAA-02

The ERDC is responsible for conducting research in the broad fields of hydraulics, dredging, coastal engineering, instrumentation, oceanography, remote sensing, geotechnical engineering, earthquake engineering, soil effects, vehicle mobility, self-contained munitions, military engineering, geophysics, pavements, protective structures, aquatic plants, water quality, dredged material, treatment of hazardous waste, wetlands, physical/mechanical/chemical properties of snow and other frozen precipitation, infrastructure and environmental issues for installations, computer science, telecommunications management, energy, facilities maintenance, materials and structures, engineering processes, environmental processes, land and heritage conservation, and ecological processes. Those interested in submitting research proposals to ERDC are encouraged to make preliminary inquiries.

**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.
Multidisciplinary University Research Initiative (MURI)

Department of Defense (DoD)

http://www07.grants.gov/search/search.do;oppId=106913&mode=VIEW

Contact: Varies with research interest

Solicitation number: ONRBA11-026

The DoD Multidisciplinary University Research Initiative (MURI) is sponsored by the DoD research offices: the Office of Naval Research (ONR), the Army Research Office (ARO), and the Air Force Office of Scientific Research (AFOSR). The MURI program supports basic research in science and engineering that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interact to provide rapid advances in scientific areas of interest. MURI awards are $1M to $1.5M per year.

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

(1) Quantized Chemical Reactions of Ultracold Molecules
(2) 3D Topological Insulators with Interactions
(3) Translating Biochemical Pathways to Non-Cellular Environments
(4) Multivariate Heavy-Tailed Statistics: Foundations and Modeling
(5) Simultaneous Multi-Synaptic Imaging of the Interneuron
(6) Revolutionizing High-Dimensional Microbial Data Integration
(7) Novel Nanostructures for the Controlled Propagation of Electromagnetic Energy
(8) Predictive Models of Cultural and Behavioral Effects on Societal Stability

White papers and full proposals addressing the following topics (9) through (14) should be submitted to the Air Force Office of Scientific Research (AFOSR):

(9) Directional Eutectic Structures: Self-Assembly for Metamaterials and Photonics
(10) Smart, Functional Nanoenergetics Design from the Atomistic/Molecular Scale through the Mesoscale
(11) Managing Informational Complexity in Predictive Materials Science
(12) Deep Atmospheric Optical Turbulence Physics and Predictive Modeling
(13) Quantum Metaphotonics/Metamaterials
(14) High Power, Low-Loss, Artificial Materials for Transformational Electromagnetics

White papers and full proposals addressing the following topics (15) through (21) should be submitted to The Office of Naval Research:

(15) Morphable Dynamic Information Processing
(16) Extended-Range Environmental Prediction Using Low-Dimensional Dynamic Modes
(17) A New Way to Dissipate Shock Wave Energy from Detonations
(18) Programming Biology to Attain Non-Natural Functions
(19) Predicting the Behavior of Complex, Non-Deterministic Autonomous Systems and Mixed Autonomous/Manned Teams under Realistic Assumptions
(20) Extreme Electron Concentration Materials and Devices
(21) Super-hydrophobic Surface for Skin Friction Drag Reduction in High Reynolds Number Turbulent Flow

White Papers

11/10/2011 Full Proposals

Vision Research Program Hypothesis Development Award

U.S. Army Medical Research and Materiel Command

http://www.grants.gov/search/search.do?mode=VIEW&oppId=111933

Contact: mary.rico@amedd.army.mil

Solicitation number: W81XWH-11-VRP-HDA

This award supports the exploration of highly innovative, untested, high-risk/high-gain concepts, theories, paradigms, and/or methods that address an important problem in traumatic vision injuries. Results of basic studies conducted through this award may provide the scientific rationale upon which a new hypothesis can be based; or initial proof-of-principle of an innovative hypothesis. This award is designed to provide investigators the opportunity to pursue serendipitous observations that may reveal entirely new avenues for investigation. Five to eight awards are anticipated. The maximum amount of funding for any award is $250K (including all direct and indirect costs) over a maximum period of two years.
Vision Research Program Investigator-Initiated Research Award

U.S. Army Medical Research and Materiel Command

http://www.grants.gov/search/search.do?mode=VIEW&oppId=111953

Contact: mary.rico@amedd.army.mil

Solicitation number: W81XWH-11-VRP-IIRA

This program supports research that targets the causes, effects, and treatment of eye damage, visual deficits due to traumatic brain injury, and other vision diseases. Research projects may focus on any phase of research from basic laboratory research through translational research, including preclinical studies in animal models and human subjects, as well as correlative studies associated with an existing clinical trial. Applications must include relevant data that support the rationale for the proposed study. These data may be unpublished and/or from the published literature. The maximum amount of funding for any award is $1M over a period of four years.

Defense University Research Instrumentation Program (DURIP)

Department of Defense (DoD)

http://www07.grants.gov/search/search.do;?oppId=107039&mode=VIEW

Contact: Varies with research interest

Solicitation number: BAA-AFOSR-2011-07

This announcement seeks proposals to purchase instrumentation in support of research in areas of interest to the DoD, including areas of research supported by the administering agencies. The research areas of interest for the administering agencies are available on-line at the following addresses:


Office of Naval Research: http://www.onr.navy.mil/ (select “Technology Locator” and click on “Contacts by Topic at The Office of Naval Research”)  


Grants will be for the purchase of research equipment costing $50K or more, which typically cannot be purchased within the budgets of single-investigator awards. With few exceptions an individual award may not exceed $1M in DoD funding.

Breast Cancer Research Program Impact Award

DoD Congressionally Directed Medical Research Programs

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

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

Solicitation number: W81XWH-11-BCRP-IMPT

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

U.S. Army Medical Research and Materiel Command  
[http://www07.grants.gov/search/search.do;?oppId=58236&mode=VIEW](http://www07.grants.gov/search/search.do;?oppId=58236&mode=VIEW)

Contact: QA.BAA@amedd.army.mil  
Solicitation number: W81XWH-BAA-11-1

Organizations are strongly encouraged to explore USAMRMC interest by submitting a preliminary research proposal (preproposal). Preproposals may be submitted at any time describing a specific idea or project that pertains to any of the research areas of interest outlined in the BAA. Full Proposals should be submitted within 90 days after being requested. The research areas of interest are: 1) Military Infectious Diseases Research Program; 2) Combat Casualty Care Research Program; 3) Military Operational Medicine Research Program; 4) Clinical and Rehabilitative Medicine Research Program; 5) Medical Biological Defense Research Program; 6) Medical Chemical Defense Research Program; 7) Telemedicine and Advanced Technology Program; and 8) Special Programs.

**Science, Technology, Engineering and Mathematics for K-12**

Office of Naval Research (ONR)  
[http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/10-023-STEM-BAA.ashx](http://www.onr.navy.mil/~/media/Files/Funding-Announcements/BAA/10-023-STEM-BAA.ashx)

Contact: Kam Ng, kam.ng1@navy.mil  
Solicitation number: ONR FOA 10-023

ONR seeks proposals related to educational programs and outreach projects in science, technology, engineering and mathematics (STEM) in order to ensure an educated and well-prepared workforce, which meets the naval and national competitive needs. A main objective is to establish and ensure successful, sustainable, and affordable long-term Navy wide programs targeted at elementary and secondary schools and institutions of higher learning. ONR highly encourages partnering among industry and government. Individual awards will be funded up to $200K per year. The project period may range from 12 to 36 months.

**Long Range Broad Agency Announcement for Navy and Marine Corps Science & Technology**

Office of Naval Research (ONR)  

Contact: Varies with research interest  
Solicitation number: BAA-11-001

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.

**Social Media in Strategic Communication (SMISC)**

Defense Advanced Research Projects Agency (DARPA)  
[http://www07.grants.gov/search/search.do;?oppId=105553&mode=VIEW](http://www07.grants.gov/search/search.do;?oppId=105553&mode=VIEW)

Contact: Rand Waltzman, DARPA-BAA-11-64@darpa.mil  
Solicitation number: DARPA-BAA-11-64

DARPA is soliciting innovative research proposals in the area of social media in strategic communication. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. The general goal of the Social Media in Strategic Communication (SMISC) program is to develop a new science of social networks built on an emerging technology base. The SMISC program includes three technical areas: Technical Area 1: Algorithm/Software Development; Technical Area 2: Data Provision/Management; and Technical Area 3: Algorithm Integration, Test and Evaluation. Proposals may be submitted individually to Technical Areas 1, 2 or 3 OR both Technical Areas 1 and 2 OR both areas 2 and 3.
Duchenne Muscular Dystrophy Research Program Investigator-Initiated Research Award

DoD Congressionally Directed Medical Research Programs

http://cdmrp.army.mil/funding/dmdrp.shtml

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

Solicitation number: W81XWH-11-DMDRP-IIRA

The DMDRP Investigator-Initiated Research Award (IIRA) mechanism supports studies that will make an important contribution toward understanding mechanisms of initiation or progression, and/or improving patient care for DMD. Research projects should focus on translational research that will accelerate the movement of promising ideas in DMD into clinical applications. The maximum allowable direct total costs is $525K over three years.

Peer Reviewed Cancer Research Program Discovery Award

DoD Congressionally Directed Medical Research Programs

http://cdmrp.army.mil/funding/prcrp.shtml

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

Solicitation number: W81XWH-11-PRCRP-DA

The intent of the PRCRP Discovery Award is to support innovative, untested, high-risk/potentially high-reward concepts, theories, paradigms, and/or methods. The PRCRP encourages submission of applications for the following FY11 Focus Areas: Analysis of molecular signaling pathways relevant to the progression of cancers; Biomarkers of resistance and/or sensitivity to standard chemotherapies and approved target agents; Identification of populations at higher risk of developing cancers due to exposure(s) to militarily relevant environmental or chemical carcinogens based on genetic polymorphisms; Immunological and inflammatory responses as well as the microenvironment in the development of cancers; and Studies of precursor lesions and molecular interventions that reverse the progression of cancer. The maximum allowable direct costs is $200K for two years.

Minerva Research Initiative (MRI)

Department of Defense (DoD)


Contact: Erin Fitzgerald, Erin.Fitzgerald.ctr@osd.mil

Solicitation number: W911NF-11-R-0011

The Minerva Research Initiative (MRI) focuses on areas of strategic importance to U.S. national security policy. It seeks to increase the Department’s intellectual capital in the social sciences and improve its ability to address future challenges and build bridges between the Department and the social science community. Minerva supports multidisciplinary and cross-institutional projects addressing these specific topic areas: (1) Strategic Impact of Religious and Cultural Changes; (2) Terrorism and Terrorist Ideologies; (3) Science, Technology and Military Transformations in China and Developing States; (4) National Security Implications of Energy and Environmental Stress; (5) New Theories of Cross-Domain Deterrence; (6) Regime and Social Dynamics in Failed, Failing, and Fragile Authoritarian States; and (7) New Approaches to Understanding Dimensions of National Security, Conflict, and Cooperation. It is anticipated that the single investigator awards will range from $30K to $500K per year, with typical awards in the range of $100K to $300K per year. It is anticipated that large team awards will range from $0.5M to $2M per year, with typical awards in the range of $1M to $1.5M per year.

Department of Education
Education Research Grants
Department of Education, Institute of Education Sciences
Contact: Varies with research interest
Solicitation number: CFDA 84.305A
IES requests applications for research projects that will contribute to its education research programs in Reading and Writing; Mathematics and Science Education; Cognition and Student Learning; Social and Behavioral Context for Academic Learning; Education Technology; Effective Teachers and Effective Teaching; Improving Education Systems: Policies, Organization, Management, and Leadership; Postsecondary and Adult Education; Early Learning Programs and Policies; and English Learners. The project goals are: Exploration; Development and Innovation; Efficacy and Replication; Scale-up Evaluation; and Measurement. Applications must address a specific topic and goal. Award size and duration vary according to the goal addressed.

Statistical and Research Methodology in Education
Department of Education, Institute of Education Sciences
Contact: Allen Ruby, 202/219-1591, Allen.Ruby@ed.gov
Solicitation number: CFDA 84.305D
This program supports research to advance education research methods and statistical analyses. The long-term outcome will be a wide range of methodological and statistical tools that will better enable education scientists to conduct rigorous education research. IES requests projects that will provide findings, resources, and tools of immediate practical use to mainstream education researchers by the end of the project. Typical awards are $40K to $300K per year for up to three years.

Special Education Research Grants
Department of Education, Institute of Education Sciences
Contact: Varies with research interest
Solicitation number: CFDA 84.324A
IES requests applications for research projects that will contribute to its special education research programs in Early Intervention and Early Learning in Special Education; Reading, Writing, and Language Development; Mathematics and Science Education; Social and Behavioral Outcomes to Support Learning; Transition Outcomes for Special Education Secondary Students; Cognition and Student Learning in Special Education; Professional Development for Teachers and Related Services Providers; Special Education Policy, Finance, and Systems; Autism Spectrum Disorders; Technology for Special Education; and Families of Children with Disabilities. The project goals are: Exploration; Development and Innovation; Efficacy and Replication; Scale-up Evaluation; and Measurement. Award size and duration vary according to the goal selected.

Evaluation of State and Local Education Programs and Policies
Department of Education, Institute of Education Sciences
Contact: Allen Ruby, 202/219-1591, Allen.Ruby@ed.gov
Solicitation number: CFDA 84.305E
IES intends to fund rigorous evaluations to determine the overall impact of fully developed education programs or policies implemented under conditions of routine practice by a State, district, or consortium of States or districts and to determine the impact across a variety of conditions (e.g., different student populations, different types of schools). Typical awards for projects are $500K to $1M per year for up to five years.
Continuation of Solicitation for the Office of Science Financial Assistance Program

Department of Energy

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000411&agency=DOE

Contact: Varies with research interest

Solicitation number: DE-FOA-0000411

The Office of Science hereby announces its continuing interest in receiving grant applications for support of work in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, and Workforce Development for Teachers and Scientists.

Biomass Research and Development Initiative

Department of Energy

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000510&agency=DOE

Contact: https://www.fedconnect.net/Fedconnect/PublicPages/FedConnect_Ready_Set_Go.pdf

Solicitation number: DE-FOA-0000510

This FOA is in partnership with the U.S. Department of Agriculture. Applicants must propose a project that integrates all three legislatively mandated technical areas: (A) Feedstocks development, (B) Biofuels and biobased products development, and (C) Biofuels and biobased products development analysis. The intent of requiring integration is to encourage a collaborative problem-solving approach to all studies funded under BRDI, to facilitate formation of consortia, identify and address knowledge gaps, and accelerate the application of science and engineering for the production of sustainable biofuels, bioenergy, and biobased products. Anticipated award sizes range from $3M to $7M per award. Six to eight awards will be made.

Solid-State Lighting Core Technologies - Round 8

Department of Energy, National Energy Technology Laboratory

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000564&agency=DOE

Contact: Bethan Young, 412/386-4402, Bethan.Young@netl.doe.gov

Solicitation number: DE-FOA-0000564

The objective is to conduct the applied research needed to fill technology gaps, provide enabling knowledge or data, and advance the technical knowledge base for Solid State Lighting (SSL) to be used for general illumination applications. This FOA has four Program Areas of Interest: 1) Emitter materials research; 2) Down-converters; 3) Novel Organic Light Emitting Diodes (OLED) materials and structures; and 4) Light extraction approaches. DOE anticipates that individual awards will not exceed $600K DOE share per year for up to three years. If ineligible for the cost share waiver, applicants are responsible for ensuring that at least 20% of the total allowable project costs are provided as cost share to the project. Approximately two to six awards will be made.

Research Opportunities in High Energy Physics

Department of Energy, Office of Science

http://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000573&agency=DOE

Contact: Varies with research interest

Solicitation number: DE-FOA-0000573

This FOA invites new grant applications for support of research programs in high-energy physics. Applications are sought in the following subprogram areas: Experimental Research at the Energy Frontier, Experimental Research at the Intensity Frontier, Experimental Research at the Cosmic Frontier, Theoretical High Energy Physics Research, and Advanced Technology Research and Development. There are five broad sub-programs, one or more of which must be addressed by new applications: 1) Experimental Research at the Energy Frontier; 2) Experimental Research at the Intensity Frontier; 3) Experimental Research at the Cosmic Frontier; 4) Theoretical High Energy Physics Research; and 5) Advanced Technology Research and Development.
Office of Science Early Career Research Program

Department of Energy, Office of Science

https://www.fedconnect.net/fedconnect/?doc=DE-FOA-0000572&agency=DOE

Contact: early.career@science.doe.gov

Solicitation number: DE-FOA-0000572

The Office of Science of the Department of Energy invites grant applications for support under the Early Career Research Program in the following program areas: Advanced Scientific Computing Research (ASCR); Biological and Environmental Research (BER); Basic Energy Sciences (BES), Fusion Energy Sciences (FES); High Energy Physics (HEP), and Nuclear Physics (NP). DOE expects the typical award size will be $750K over five years. The Principal Investigator must be an untenured Assistant Professor and must have received a doctorates no earlier than 2001. Between 30 and 50 awards are anticipated.

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/ - dced9e9a-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.

Institute of Museum and Library Services (IMLS)

9/14/2011 Campus Notice of Intent (required)
11/1/2011 Agency Application Deadline

Museums for America FY12 - Limited Submission

Institute of Museum and Library Services


Contact: Varies with research interest

Solicitation number: CFDA 45.301

Museums for America (MFA) is the largest grant program for museums at IMLS. The goal of MFA is to strengthen the ability of a museum to serve the public more effectively by supporting high-priority activities that advance the institution’s mission and strategic goals. Applicants can apply for projects in one of the following three categories: Engaging Communities (Education, Exhibitions, and Interpretation); Building Institutional Capacity (Management, Policy, and Training); Collections Stewardship (Management of Collections).

Fiscal year (FY) 2012 MFA funding will support projects and activities that strengthen museums as active resources for lifelong learning and as important institutions in the establishment of livable communities. MFA grants can fund either new or ongoing museum activities and programs, such as improvement of institutional infrastructure; planning; management of collections; public access; professional development; purchase of equipment or services; research and scholarship; school and public programming; exhibitions; training; or efforts of museums to upgrade and integrate new technologies into their overall institutional effectiveness. MFA grant awards range from $5K to $150K. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.
Conservation Project Support Grants
Institute of Museum and Library Services
Contact: Connie Bodner, 202/653-4636, cbodner@imls.gov
Solicitation number: CFDA 45.303
These grants are awarded to help institutions identify conservation needs and priorities and ensure the safekeeping of your collections by implementing sound conservation practices. CPS grants may fund General Conservation Surveys, Detailed Conservation Surveys, and Environmental Surveys. Grant amounts will range from $5K to $150K over two years. A period of three years is allowed with strong justification. Grant recipients must provide funds from non-federal sources in an amount that is equal to or greater than the amount of the grant.

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)

9/22/2011 Notice of Intent (encouraged)
11/22/2011 Full Proposal
Earth Science Applications - Disasters
National Aeronautics and Space Administration
Contact: Lucien Cox, 202/358-2164, elbert.l.cox@nasa.gov
Solicitation number:
The NASA Earth Science Division, Applied Sciences Program solicits proposals that develop and demonstrate innovative and practical applications of Earth science observations, models, research, and technologies to enhance disaster reduction, management practices, and resource decisions with an emphasis on disaster forecasting, response, and mitigation. This solicitation will initially support one-year feasibility studies of potential applications. NASA will then down-select and continue support of a subset of these applications in subsequent, three-year projects. Funding per project is expected to range from $125K to $175K.

10/28/2011 Proposal
Terrestrial Ecology
National Aeronautics and Space Administration
Contact: Diane Wickland, 202/358-0245, Diane.E.Wickland@nasa.gov
Solicitation number: NNH11ZDA001N-TE
NASA Terrestrial Ecology research addresses changes in Earth’s carbon cycle and ecosystems using space-based observations. The goals of NASA’s Terrestrial Ecology research are to improve understanding of the structure and function of global terrestrial ecosystems, their interactions with the atmosphere and hydrosphere, and their role in the cycling of the major biogeochemical elements and water.
Unique and Innovative Space Technology
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=260319/GCT%20Office%20BAA%20Final%202011

Contact: Harry Partridge, Harry.Partridge@nasa.gov

Solicitation number: NNH11ZUA001K

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

11/4/2011 Proposal

Outer Planets Research
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=257093/C.7%20OPR%20FINAL.pdf

Contact: Terry Hurford, 202/358-0780, HQ-OPRP@mail.nasa.gov

Solicitation number: NNH11ZDA001N-OPR

This program supports diverse scientific investigations that contribute to the understanding of the outer Solar System, including the giant planets, their satellites, and smaller solid bodies including comets, asteroids, and Kuiper Belt objects. The program includes both data analysis from NASA missions and fundamental research. Each proposal must describe a complete scientific investigation organized in terms of unresolved scientific questions to be addressed; objectives of the research; lines of inquiry, methodology, and analysis; and conclusions. The maximum duration of awards is five years.

11/25/2011 Notice of Intent (encouraged)
1/27/2012 Proposal

Living with a Star Targeted Research and Technology
National Aeronautics and Space Administration

http://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=255984/B%206%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.

National Archives and Records Administration (NARA)

10/6/2011 New Republic through the Modern Era

Publishing Historical Records
National Archives and Records Administration

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

Contact: Timothy Connelly, 202/357-5301, timothy.connelly@nara.gov

Solicitation number: PUBLISHING-201106

The National Historical Publications and Records Commission seeks proposals to publish historical records of national significance. Projects may focus on the papers of major figures from American life or cover broad historical movements in politics, military, business, social reform, the arts, and other aspects of the national experience. Grants are awarded for collecting, describing, preserving, compiling, editing, and publishing documentary source materials. Award amounts ordinarily range from $20K to $250K annually for up to three years. Funding for this award cycle is for projects preparing publications whose documents fall predominantly after 1820 (New Republic through the Modern Era).
Documenting Democracy Access to Historical Records

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

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

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

Solicitation number: ACCESS-201110

The National Historical Publications and Records Commission seeks proposals that promote the preservation and use of the nation’s most valuable archival resources. Projects should expand our understanding of the American past by facilitating and enhancing access to primary source materials. Applicants may submit proposals for one or any combination of the following four project categories: Basic Processing; Detailed Processing; Documentary Heritage; or Retrospective Conversion of Descriptive Information. A grant normally is for one or two years and for up to $200K. Cost sharing is required.

Contact:

ACCESS-201110

National Endowment for the Arts (NEA)

11/8/2011   Application

Research Art Works

National Endowment for the Arts

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

Contact: nearsearchgrants@arts.gov

Solicitation number: 2012NEAORA

The NEA will make grants for research projects that use existing datasets to mine data for analyses of the value and impact of the U.S. arts sector on the nation, whether on individuals or communities. The agency has determined that all grants awarded under this category will have the following as their primary outcome: Enhancing knowledge and understanding: Evidence of the value and impact of the arts is expanded and promoted. The Arts Endowment anticipates awarding up to 25 grants, based on the availability of funding. Grants generally will range from $10K to $30K.

National Endowment for the Humanities (NEH)

9/15/2011   Full Proposal

Enduring Questions Pilot Course Grants

National Endowment for the Humanities


Contact: 202/606-8380, enduringquestions@neh.gov

Solicitation number: CFDA 45.163

The NEH Enduring Questions grant program supports the development of a new course that will foster intellectual community through the study of an enduring question. This course will encourage undergraduates and teachers to grapple with a fundamental question addressed by the humanities, and to join together in a deep and sustained program of reading in order to encounter influential thinkers over the centuries and into the present day. The course is to be developed by one to four faculty members, but not team taught. Courses must be taught from a common syllabus and must be offered during the grant period at least twice by each faculty member involved in developing the course. The grant supports the design, preparation, and assessment of the course. It may also be used for ancillary activities that enhance faculty-student intellectual community, such as visits to museums and artistic or cultural events. The course may be taught by faculty from any department or discipline in the humanities or by faculty outside the humanities, so long as humanities sources are central to the course. Grants can provide up to $25K in outright funds.
Digital Humanities Start-up Grants

National Endowment for the Humanities
http://www.neh.gov/grants/guidelines/digitalhumanitiesstartup.html

Contact: odh@neh.gov

Solicitation number: CFDA 45.169

This program is designed to encourage innovations in the digital humanities. Proposals should be for the planning or initial stages of digital initiatives in any area of the humanities. All applicants must propose an innovative approach, method, tool, or idea that has not been used before in the humanities. These grants should result in plans, prototypes, or proofs of concept for long-term digital humanities projects prior to implementation. Two levels of awards will be made: Level I—small grants ranging from $5K to $25K designed to fund brainstorming sessions, workshops, early alpha-level prototypes, and initial planning, and Level II—larger grants ranging from $25K to $50K that can be used for more fully-formed projects that are ready to begin implementation or demonstrate proofs of concept. Digital Humanities Start-Up Grants support full-time or part-time activities for periods up to 18 months.

National Institutes of Health (NIH)

Behavioral and Social Science Research on Understanding and Reducing Health Disparities (R01)

National Institutes of Health, Cross-Institute

Contact: Ronald Abeles, 301/496-7859, abeles@nih.gov

Solicitation number: PAR-10-136

The purpose of this FOA is to encourage behavioral and social science research on the causes and solutions to health and disabilities disparities in the U.S. population. Emphasis is placed on research in public policy, health care, and disease/disability prevention. Particular attention is given to reducing health gaps among groups. Proposals that utilize an interdisciplinary approach, investigate multiple levels of analysis, incorporate a life-course perspective, and/or employ innovative methods such as system science or community-based participatory research are particularly encouraged. This FOA runs in parallel with a FOA of identical scientific scope, PAR-10-137, that encourages applications under the R21 mechanism.

Countermeasures Against Chemical Threats (CounterACT) Cooperative Research Projects (U01)

National Institutes of Health, Cross-Institute

Contact: Varies with research interest

Solicitation number: PAR-11-155

This Funding Opportunity Announcement (FOA) encourages grant applications for Countermeasures Against Chemical Threats (CounterACT) Cooperative Research Projects (U01s). The mission of the CounterACT U01 program is to develop new and improved therapeutics for chemical threats. Chemical threats are toxic chemicals that could be used in a terrorist attack or accidentally released from industrial production, storage or shipping. The scope of the research to be supported includes basic target and candidate identification and characterization studies, through candidate optimization and demonstration of in vivo efficacy, through Investigational New Drug (IND) submission and Phase 1 clinical trials when appropriate. The expected direct cost for individual awards is $300K to $500K per year for most studies within the scope of this FOA.
Revolutionary Genome Sequencing Technologies – The $1000 Genome (R01)

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


Contact: Jeffery Schloss, 301/496-7531, schlossj@exchange.nih.gov

Solicitation number: RFA-HG-10-012

The NHGRI solicits grant applications to develop novel technologies that will enable extremely low-cost, high quality DNA sequencing. The goal of this initiative is to reduce the cost of sequencing a mammalian-sized genome to approximately $1K. Applicants may propose to develop full-scale sequencing systems or to investigate challenges underlying key system components. Budgets for direct costs of up to $1.5M per year and a project duration of up to four years may be requested. This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with FOAs of identical scientific scope, RFA-HG-10-013 and RFA-HG-10-014, which encourage applications under the R21 and R43/R44 mechanisms, respectively.

Technologies for Healthy Independent Living (R01)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PAR-11-020

This FOA encourages applications for research and development of technologies that monitor health or deliver care in a real-time, accessible, effective, and minimally obtrusive way. These systems are expected to integrate, process, analyze, communicate, and present data so that the individuals are engaged and empowered in their own healthcare with reduced burden to care providers. This FOA runs in parallel with PAR-11-020, which solicits applications under the R21 Exploratory/Developmental Grant.

Collaborative Research in Integrative Cancer Biology and the Tumor Microenvironment (U01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-11-146

This FOA encourages new collaborative projects between investigators associated with the Integrative Cancer Biology Program (ICBP) or Tumor Microenvironment Network (TMEN) and researchers who are not involved with the program with which they propose to collaborate. This FOA is designed to facilitate new projects in integrative cancer biology and/or tumor microenvironment research and to extend current research conducted in the ICBP and TMEN programs through collaborations with a broader research community. Application budgets for direct costs up to $500K per year and project duration of up to five years may be requested.

High-End Instrumentation Grant Program (S10)

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


Contact: Marjorie Tingle, 301/435-0772, HEI@mail.nih.gov

Solicitation number: PAR-11-228

The NCRR High-End Instrumentation Grant (HEI) program encourages applications from groups of NIH-supported investigators to purchase a single major item of equipment to be used for biomedical research that costs at least $750K. The maximum award is $2M. For eligibility, a major user group of three or more investigators who are PD/PI on active NIH research grants with the following activity codes, P01, R01, U01, R35, R37, DP1 and DP2 must be identified.
Biophysical and Biomechanical Aspects of Embryonic Development (R01)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-10-221
This FOA encourages applications that propose to advance our knowledge in the area of the physics and mechanics of embryonic development. Applicants must propose hypothesis-driven developmental research with the prospect of gaining new and critical information about tissue mechanics relevant to vertebrate development and understanding the basis for developmental disorders. This FOA runs in parallel with a FOA of similar scientific scope, PAR-10-222 that encourages applications under the NIH Exploratory/Developmental (R21) grant mechanism.

Dual Purpose with Dual Benefit Research in Biomedicine and Agriculture Using Agriculturally Important Domestic
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-10-276
This FOA invites the submission of proposals that utilize agriculturally important domestic species to improve human health through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research. This initiative is designed to facilitate and encourage comparative medicine research studies through the careful selection and refinement of farm animal models that mimic human developmental, physiological, and etiological processes to better understand disease origins and improve assisted reproduction efficiencies. It is envisioned that each proposal will address mission-relevant areas of both agencies.

Chronic, Non-Communicable Diseases and Disorders Across the Lifespan (NCD-LIFESPAN) (D43)
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-10-257
This FOA encourages applications for the NCD-LIFESPAN D43 program for collaborative research training between institutions in the U.S. and low- and middle-income countries (LMIC). The proposed institutional research training program is expected to sustainably strengthen the research capacity of the LMIC institutions, and to train in-country experts to conduct research on chronic, non-communicable diseases and disorders across the lifespan, with the ultimate goal of implementing evidence-based interventions relevant to their countries. The expected amount for individual awards is up to $250K per year for a maximum period of five years.

Research to Understand and Inform Interventions that Promote the Research Careers of Students in Biomedical an
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Clifton Poodry, 301/594-3900, poodryc@nigms.nih.gov
Solicitation number: RFA-GM-12-002
This FOA solicits applications that propose research designed to test assumptions and hypotheses regarding social and behavioral factors with the aim of advising and guiding the design of potential interventions intended to increase interest, motivation and preparedness for careers in biomedical and behavioral research. NIGMS is particularly interested in those interventions that are specifically designed to increase the number of students from underrepresented groups entering careers in these disciplines. The proposed research need not be restricted to underrepresented students. Comparative research that analyzes the experience of all groups in order to place that of underrepresented students in context and to learn whether and how interventions should be tailored to make more underrepresented students successful in biomedical careers may well be particularly illuminating and is, therefore, encouraged. Direct costs are limited to no more than $250K per year.
**NIDDK Program Project Applications (P01)**
National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)


Contact: Varies with research interest

Solicitation number: PAR-11-043

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

**NIAID Resource Related Research Projects for AIDS, Allergy, Immunology and Transplantation (R24)**
National Institutes of Health, National Institute of Allergy and Infectious Diseases (NIAID)


Contact: Varies with research interest

Solicitation number: PAR-11-056

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

**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-10-092

This FOA encourages Research Education (R25) proposals to attract undergraduate students, graduate students, and postdoctoral fellows to careers in areas of biomedical or behavioral research of particular interest to the NIDDK: diabetes and other endocrine and metabolic diseases; digestive and liver diseases; nutrition; obesity research and prevention; and kidney, urologic and hematologic disease. 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.

**National Institute of Biomedical Imaging and Bioengineering Program Project (P01) Applications**

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


Contact: Varies with research interest

Solicitation number: PAR-10-233

This FOA encourages applications in the broad areas of biomedical imaging and bioengineering enabled by relevant areas of the physical sciences, engineering, computer sciences, information science, and the medical and life sciences. P01 grants are to support broad-based multidisciplinary research programs, which have a well-defined major objective or central theme, but which are addressing a range of imaging or bioengineering questions. The expected direct cost for program project awards is $1.2-1.4M per year for most studies within the scope of this FOA. A maximum project duration of five years may be requested.
Technology Development for High-Throughput Structural Biology Research (P01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Peter Preusch, 301/594-1158, preuschp@nigms.nih.gov
Solicitation number: PAR-10-074
This FOA seeks grant applications that propose to develop novel technologies and methodologies underpinning high-throughput structural biology. Applications should focus on methods development to solve challenging proteins that are not currently amenable to high-throughput structural biology. These challenging proteins include, but are not limited to, membrane proteins, small protein complexes, and proteins from human and other higher eukaryotes. This FOA runs in parallel with one of identical scientific scope, PAR-10-073, that encourages applications under the R01 mechanism.

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.

NIDA Core Center of Excellence Grant Program (P30)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Varies with research interest
Solicitation number: PAR-10-220
These grants are intended to bring together investigators currently funded by NIH or other Federal or non-Federal sources, to enhance the effectiveness of existing research and also to extend the focus of research to drug abuse and addiction. It is expected that individual core activities reflect a relationship to the integrating theme of the Center and the Center is expected to support the education, training, and mentoring of new investigators, and share findings, data and their resources. NIDA-funded researchers are strongly encouraged to provide and/or refer research subjects to HIV risk reduction education and education about the benefits of HIV treatment, counseling and testing, referral to treatment, and other appropriate interventions to prevent acquisition and transmission of HIV.

Network Infrastructure Support for Emerging Areas of Research in the Basic Biology of Aging (R24)
National Institutes of Health, National Institute on Aging (NIA)
Contact: Felipe Sierra, 301/496-6402, Sierraf@nia.nih.gov
Solicitation number: PAR-11-266
The purpose of this FOA is to provide infrastructure support to foster further development and integration in emerging interdisciplinary areas of research in basic biology of aging. This FOA will use the NIH Resource-Related Research Project (R24) mechanism to facilitate research networks that will advance specific scientific goals through meetings, conferences, small scale pilots, short term training opportunities (such as intensive workshops, summer institutes, or visiting scholar programs) and dissemination activities to encourage growth and development in these interdisciplinary areas.

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.
Short-Term Research Education Program to Increase Diversity in Health-Related Research (R25)

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


Contact: Drew Carlson, 301/435-0535, carlsonde@nhlbi.nih.gov

Solicitation number: RFA-HL-12-031

This FOA invites applications to promote diversity in undergraduate and health professional student populations by providing short-term research education support to stimulate career development in cardiovascular, pulmonary, hematologic, and sleep disorders research. The overall goal of the program is to provide research opportunities for individuals from backgrounds underrepresented in biomedical science, including individuals from disadvantaged backgrounds, individuals from underrepresented racial and ethnic groups, and individuals with disabilities that will significantly contribute to a diverse research workforce in the future. The total institutional annual direct cost should not exceed $200K for a maximum of five years.

NEI Center Core Grants for Vision Research (P30) - Limited Submission

National Institutes of Health


Contact: Ellen Liberman, 301/451-2020, esl@nei.nih.gov

Solicitation number: PAR-10-223

An NEI P30 Center Core Grant combines one or more research modules for a group of R01 investigators to enhance their research, consolidate resources, avoid duplication of efforts, and/or contribute to cost effectiveness by providing a service with lower cost or higher quality than could be attempted for independent projects by several individual PIs. The design and purpose of each P30 Center Core Grant may vary in how it serves its users. This program is designed to enhance an institution’s environment and capability to conduct vision research and to facilitate collaborative studies of the visual system and its disorders. The NEI will provide direct costs of up to $2,000,000 over a five year period in support of a P30 Center Core Grant to institutions having 19 or fewer eligible grants. Institutions applying for a P30 Center Core Grant must hold a minimum of eight funded R01 NEI grants on the receipt date. Joint applications may be submitted by investigators at neighboring, independent institutions. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

NIGMS National Centers for Systems Biology (P50)

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


Contact: James Anderson, 301/594-0943, andersj@mail.nih.gov

Solicitation number: PAR-10-200

NIGMS invites grant applications from institutions proposing to establish Centers of Excellence in Systems Biology. The goal of this initiative is to promote institutional development of pioneering research, research training, and outreach programs focused on systems-level inquiries of biomedical and biobehavioral questions within the NIGMS mission. Direct costs are limited to $2M per year for a five-year period.

Research Supplements to Promote Re-Entry into Biomedical and Behavioral Research Careers

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: PA-08-191

These supplements encourage individuals with a high potential to re-enter research careers after taking time off to care for children or attend to other family responsibilities. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals in a program geared to bring their existing research skills and knowledge up to date. The parent grant should have at least two years of support remaining at the time of the proposed beginning date of the supplemental funding. One to three years of supplemental support can be awarded under this program. Applications can be received at any time.
Research Supplements to Promote Diversity in Health-Related Research

National Institutes of Health, Cross-Institute


Contact: http://grants.nih.gov/grants/guide/contacts/pa-08-190_contacts.htm

Solicitation number: PA-08-190

The NIH recognizes a unique and compelling need to promote diversity in the biomedical, behavioral, clinical, and social sciences research workforce. The NIH expects efforts to diversify the workforce to lead to the recruitment of the most talented researchers from all groups; to improve the quality of the educational and training environment; to balance and broaden the perspective in setting research priorities; to improve the ability to recruit subjects from diverse backgrounds into clinical research protocols; and to improve the Nation's capacity to address and eliminate health disparities. Applications can be received at any time until the final deadline.

NIDCD Research Core Centers (P30) - Limited Submission

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


Contact: Christopher Platt, 301/496-1804, plattc@nidcd.nih.gov

Solicitation number: PAR-10-077

The NIDCD P30 Core Center grant contains one or more research-serving cores, providing centralized resources and facilities for funded R01 research projects on Deafness and Other Communication Disorders. Although no funds are provided for direct support of research projects, a P30 helps to integrate and promote research in existing funded projects, and may include multidisciplinary and regional collaborations. A Core Center must be an identifiable organizational unit either within a single grantee institution or representing a consortium of cooperating institutions (e.g., geographic or web-based). The NIDCD P30 is awarded for up to 5 years, with budgetary caps based on the number of grants that qualify as the Center’s biomedical research base. The caps are for direct costs of no more than $1.5, 2.0, or 2.5 million over 5 years, for a base minimum of 6, 12, or 18 qualifying R01 grants, respectively. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Sleep and Social Environment Basic Biopsychosocial Processes (R21)

National Institutes of Health, Cross-Institute


Contact: Rosalind King, 301/435-6986, rozking@mail.nih.gov

Solicitation number: RFA-HD-12-204

This FOA issued by the Basic Behavioral and Social Sciences Research Opportunity Network (OppNet) solicits applications that propose to investigate the reciprocal interactions of the processes of sleep and circadian regulation and function with behavioral and social environment processes. This FOA is not intended to support research on or development of treatments or interventions for disorders of sleep or circadian rhythms. Direct costs are limited to $275K over an R21 two-year period, with no more than $200K in direct costs allowed in any single year.

Human Cell Reprogramming for Aging and Alzheimer’s Disease Research (R21)

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

http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-12-008.html

Contact: Bradley Wise, 301/496-9350, wiseb@nia.nih.gov

Solicitation number: RFA-AG-12-008

The purpose of this FOA is to support the development of human induced pluripotent stem (iPS) cells and other reprogrammed cells for aging and Alzheimer’s disease modeling. The molecular and functional characterization of aged or Alzheimer’s disease phenotypes in specific cell types derived from human iPS and other reprogrammed cells is expected to provide proof-of-concept evidence that human reprogrammed cells can be valid cell models of aging and Alzheimer’s disease. Budget proposals are limited to $275K direct costs over a two-year project period, with no more than $200K in direct costs allowed in a single year.
Predictive Biodosimetry - Discovery and Development of Biomarkers for Acute and Delayed Radiation Injuries (R01)

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


Contact: Narayani Ramakrishnan, 301/451-3101, nramakrishnan@niaid.nih.gov

Solicitation number: RFA-AI-11-033

This FOA invites applications that propose to develop/discover biomarkers to predict acute and delayed radiation injuries to physiological systems/organs/tissues that can be used for triage and prompt treatment decisions in all segments of the civilian population after a radiological/nuclear terrorist incident. This FOA will support identification, evaluation, and characterization of organ/tissue-specific biomarkers to predict the acute and delayed radiation injury, including development of rapid, reliable, inexpensive and easy-to-use assays, techniques and/or devices for use in all segments of the civilian population. Budgets for direct costs of up to $250K per year may be requested for a maximum of $1.25M direct costs over a five-year project period.

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

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


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

Solicitation number: RFA-AG-12-005

The purpose of this FOA is to solicit one-year R03 applications for 1) secondary analysis of data on aging in the areas of psychology, behavioral genetics, economics, demography or 2) archiving and dissemination of data sets to enable secondary analyses in order to further advance research. The maximum project period is one year.

Specialized Centers of Research (SCOR) on Sex Differences (P50)

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: RFA-OD-11-003

The Office of Research on Women’s Health and participating organizations and institutes seek to expand the Specialized Centers of Interdisciplinary Research (SCOR) on Sex Differences. These centers will provide opportunities for interdisciplinary approaches to advancing studies in sex differences research. Each SCOR should develop a research agenda bridging basic and clinical research underlying a health issue that affects women. Applicants may submit a budget for direct costs of up to $750K per year for five years.

Transition from Acute to Chronic Neuropathic Pain (R01)

National Institutes of Health, Cross-Institute


Contact: John Kusiak, 301/594-7984, kusiakj@mail.nih.gov

Solicitation number: RFA-DE-12-008

This FOA is issued as an initiative of the NIH Blueprint for Neuroscience Research. The goal of this FOA is to facilitate research collaborations between pain scientists and neuroscientists with expertise in neuroplasticity who have not previously studied the pain system in order to expand the understanding of biological mechanisms underlying the transition from acute to chronic pain. These collaborations should capture insights and expertise from neurobiological approaches. The purpose of this FOA is to encourage submission of multi-PI grant applications that propose highly collaborative, multidisciplinary research projects addressing the development of neuropathic pain conditions.
Systems Developmental Biology for Understanding Embryonic Development and the Ontogeny of Structural Birth
National Institutes of Health, Cross-Institute
Contact: Varies with research interest
Solicitation number: PAR-11-257
The purpose of this funding opportunity announcement (FOA) is to promote systems developmental biology. In the context of this FOA, systems developmental biology is defined as research focused on understanding how biological components work together to produce the complex biological phenomena encompassing embryonic development.

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

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)

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)

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)

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.
High-Throughput-Enabled Structural Biology Research (U01)
National Institutes of Health, National Institute of General Medical Sciences (NIGMS)
Contact: Ward Smith, 301/594-1158, smithwar@nigms.nih.gov
Solicitation number: PAR-10-214
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. 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 per year for project periods of two to five years.

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 and 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.
Epidemiology of Drug Abuse (R01)
National Institutes of Health, National Institute on Drug Abuse (NIDA)
Contact: Marsha Lopez, 301/443-6504, lopezmar@nida.nih.gov
Solicitation number: PA-11-230
This FOA is intended to support research projects to enhance our understanding of the nature, extent, distribution, etiology, and consequences of drug use, abuse, and addiction across individuals, families, communities, and diverse population groups. This Program strongly encourages applications that address multiple levels of causation, reflecting the breadth of epidemiology research, that are transdisciplinary in nature and apply novel methods that allow for the advancement of science, as well as those that take advantage of the investments made by NIH and other funders by using existing data to inform our understanding of drug abuse epidemiology and etiology in a creative and cost efficient manner. This FOA runs in parallel with FOAs of identical scientific scope, PA-11-231, that encourages applications under the R21 mechanism, and PA-11-232, that encourages applications under the R03 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.
2012 NIH Directors Pioneer Award Program (DP1)
National Institutes of Health
Contact: Janna Wehrle, 301/594-3555, Pioneer@nih.gov
Solicitation number: RFA-RM-11-004
This award program complements NIH’s traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transforming approaches to addressing major biomedical or behavioral challenges that have the potential to produce an unusually high impact on a broad area of biomedical or behavioral research. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator’s laboratory or elsewhere. Awardees must commit the major portion (at least 51%) of their research efforts to the Pioneer Award project. At least seven awards will be made. Awards will be for up to $500K in direct costs each year for a maximum of five years.

10/11/2011 Application
Basic Research in Calcific Aortic Valve Disease (R01)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Frank Evans, 301/435-0510, evansf@mail.nih.gov
Solicitation number: RFA-HL-12-015
The purpose of this FOA is to encourage innovative molecular and physiological research that could lead to early diagnosis or effective medical therapy for calcific aortic valve disease. Applications from investigators in related fields (for example, mineralization and bone physiology, extracellular matrix physiology, and molecular imaging) are strongly encouraged. Applicants must describe in the application how the proposed research could lead to early diagnosis or effective medical therapy for calcific aortic valve disease. The maximum award budget is $250K direct costs per year for up to four years.

10/11/2011 Application
Instrument Development for Biomedical Applications (R21)
National Institutes of Health, National Center for Research Resources (NCRR)
Contact: Fred Friedman, 301/435-0775, ffriedma@mail.nih.gov
Solicitation number: RFA-RR-11-005
The National Center for Research Resources (NCRR) solicits innovative applications for the development of new or improved instrumentation for biomedical research. Projects should propose tools that can be used by a wide range of biomedical or clinical researchers, and not limited to a specific organ or disease. Examples of new tools and techniques that are responsive to this FOA include optical spectroscopy, mass spectrometry, electrophoresis and other separation techniques, microscopy, lasers and optics, X-ray tools, nuclear magnetic resonance spectroscopy, bioreactors, centrifugation, proteomics, genomic sequencing, functional genomics, comparative genomics, microarrays, and human sequence variation. This list is not exhaustive, but investigators with topics outside of these areas are strongly encouraged to contact program staff to ensure that their applications are responsive. Direct costs are limited to $125K per year.

10/14/2011 Full Proposal
Utilization of a Human Lung Tissue Resource for Vascular Research (R03)
National Institutes of Health, National Heart, Lung, and Blood Institute (NHLBI)
Contact: Timothy Moore, 301/435-0222, Tim.Moore@nih.gov
Solicitation number: RFA-HL-11-032
This FOA solicits grant applications that propose to conduct human tissue- and cell-based vascular research. The primary goal of this initiative is to promote research that will advance translational efforts in lung vascular disease. This program makes available human biospecimens collected by the Pulmonary Hypertension Breakthrough Initiative (PHBI). Biospecimens may be used to investigate mechanistic research questions in lung vascular biology, including validating hypotheses of pulmonary arterial hypertension (PAH) pathogenesis. The maximum project period is two years.
**2012 NIH Directors New Innovator Award Program (DP2)**

National Institutes of Health


Contact: Alberto Rivera-Rentas, 301/594-4469, newinnovator@nih.gov

Solicitation number: RFA-RM-11-005

This award program supports a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. Applicants must be within 10 years of his or her terminal research degree and must not have received a significant NIH independent research award. Awards will be for up to $300K in direct costs each year for a maximum of five years.

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**Research Answers to NCI’s Provocative Questions (R01)**

National Institutes of Health, National Cancer Institute (NCI)


Contact: Jerry Lee, 301/496-1045, leejerry@mail.nih.gov

Solicitation number: RFA-CA-11-011

The purpose of this FOA is to support research projects designed to use sound and innovative research strategies to solve specific problems and paradoxes in cancer research identified by the NCI as "Provocative Questions," which are meant to challenge cancer researchers to think about and elucidate specific problems in key areas of cancer research that are deemed important but have not received sufficient attention. Application budgets are not limited, but need to reflect actual needs of the propose project. The maximum project period is four years. Approximately 15-20 awards will be made. This FOA runs in parallel with a FOA of identical scientific scope, RFA-CA-11-012, which utilizes the R21 Exploratory/Developmental Grant mechanism.

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**The Role of Microbial Metabolites in Cancer Prevention and Etiology (U01)**

National Institutes of Health, National Cancer Institute (NCI), National Center for Complementary and Alternative Medicine (NCC)


Contact: Varies with research interest

Solicitation number: PAR-11-152

This FOA encourages grant applications that characterize the effects of microbially generated metabolites of dietary components on host cell biology. Specifically, this FOA seeks to characterize microbially generated metabolites and better understand their molecular mechanisms of action that affect host cell proliferative/apoptotic responses, cytokine production, inflammatory and immunomodulatory effects. All applications must include multiple principal investigators with different areas of expertise such as microbiology, nutrition, cancer biology, analytical chemistry, or genetics. Investigators may use either clinical or preclinical approaches. The maximum project period is five years.
George M. O’Brien Kidney Research Core Centers (P30) - Limited Submission

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: RFA-DK-11-008

This FOA invites applications for the George M. O’Brien Kidney Research Core Centers to support both basic and clinical research on kidney disease. The goal of the program is to make state-of-the-art technologies and resources readily accessible to a broad spectrum of investigators who are pursuing studies in relevant topic areas. The emphases for this program are fourfold: (1) To attract new scientific expertise into the study of the basic mechanisms of kidney diseases and disorders; (2) To encourage multidisciplinary research focused on the causes of these diseases; (3) To explore new basic areas with translational potential; and (4) To generate Developmental Research (DR)/Pilot and Feasibility (P&F) studies which should lead to new and innovative approaches to study kidney disease. Kidney Research Core Center applications must be associated with an existing program of excellence in biomedical research in kidney disease. Program excellence is measured through a consistent and outstanding record of productivity and peer-reviewed research funding in kidney disease and related research areas. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Economic Research on Incentives for Efficient Use of Preventive Services (R01)

National Institutes of Health


Contact: Varies with research interest

Solicitation number: RFA-RM-11-012

This FOA solicits applications for economic research on the role of incentive arrangements in promoting efficient use of preventive services and interventions, specifically considering both costs and health outcomes. The objective of the research program is to advance general knowledge about how incentives can be structured to improve both health and cost outcomes through more efficient use of preventive services; it is not primarily to advance specific knowledge about any particular preventive intervention or prevention of any particular health condition. The maximum project period is five years. Approximately four awards will be made.

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.

Autism Centers of Excellence Networks (R01)
The NIH invites new (type 1) and renewal (type 2) applications for the Autism Centers of Excellence: Networks Program, hereafter termed "ACE Networks". Each ACE Network will consist of a multi-site project focusing on a specific topic of research for R01 support through this FOA. The ACE Networks will focus on supporting the broad research goals of the Interagency Coordinating Committee Strategic Plan for ASD Research (http://iacc.hhs.gov/strategic-plan/2011/index.shtml). Each ACE Network will submit one R01 application that includes subawards to the collaborating sites. A companion FOA (RFA-HD-12-195) invites applications for ACE Centers supported by the P50 mechanism.

Ethical, Legal, and Social Implications of Genomic Research Small Research Grant Program (R03)
The NIH invites new (type 1) and renewal (type 2) applications for the Autism Centers of Excellence: Networks Program, hereafter termed "ACE Networks". Each ACE Network will consist of a multi-site project focusing on a specific topic of research for R01 support through this FOA. The ACE Networks will focus on supporting the broad research goals of the Interagency Coordinating Committee Strategic Plan for ASD Research (http://iacc.hhs.gov/strategic-plan/2011/index.shtml). Each ACE Network will submit one R01 application that includes subawards to the collaborating sites. A companion FOA (RFA-HD-12-195) invites applications for ACE Centers supported by the P50 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.
Research on Research Integrity (R21)

National Institutes of Health, National Institute of Environmental Health Sciences (NIEHS)


Contact: Varies with research interest

Solicitation number: RFA-ES-11-009

This FOA encourages applications for research that will improve understanding of the basic mechanisms of research integrity by bridging work in the laboratory and the field. This understanding will advance several goals, including: the identification of the optimal targets and time points in the life course for Responsible Conduct of Research (RCR) education and the identification of common mechanisms of behavior change related to research integrity. This initiative seeks to capitalize on emerging basic science to accelerate the investigation of common mechanisms that play a role in initiating or maintaining research integrity and are applicable across a broad range of research-related behaviors. By focusing basic research on the mechanisms of research integrity, and by integrating work across laboratory and field contexts, this initiative should transform the efficacy and effectiveness of RCR education and cost efficiency of behavior change interventions when research misconduct is found. Direct costs are limited to $275K over a 2-year project period.

Nutrition Obesity Research Centers (P30) - Limited Submission

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


Contact: Mary Evans, 301/594-4578, evansmary@nih.gov

Solicitation number: RFA-DK-11-012

This FOA invites grant applications that propose to establish core centers that are part of an integrated program of nutrition and/or obesity-research. The Nutrition Obesity Research Center program is 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 NORC must be organized around central themes that reflect the nutrition and/or obesity research focus of the center members. An existing program of excellence in biomedical basic and clinical research in the areas of nutritional sciences and/or obesity, and related disorders, is required. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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.
**Institutional Research and Academic Career Development Awards (IRACDA) (K12) - Limited Submission**

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


Contact: Shiva Singh, 301/594-3900, singhs@nigms.nih.gov

Solicitation number: PAR-11-255

The purpose of the Institutional Research and Academic Career Development Award (IRACDA) Program is to develop a diverse group of highly trained biomedical and behavioral scientists who are available to work on NIH-funded research and to address the Nation’s biomedical, behavioral, and clinical research needs. The program promotes consortia between research-intensive institutions (RII) and partner institutions that have a historical mission and a demonstrated commitment to the training, encouragement and assistance to students from groups underrepresented in the biomedical and behavioral research enterprise of the nation. The IRACDA program provides support for a traditional mentored postdoctoral research experience at an RII combined with an opportunity to develop the academic skills, including teaching, through workshops and through mentored teaching assignments of postdoctoral fellows at a partner institution. The scholars may be supported full-time on IRACDA funding for up to three years. NIGMS anticipates that the minimum size program would have three fellows per cohort, and it plans to support a maximum of up to 18 positions per year at any given institution. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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

National Institutes of Health


Contact: Michelle R.J. Hamlet, 301/594-3900, hamletm@mail.nih.gov

Solicitation number: PAR-11-279

This Funding Opportunity Announcement encourages Research Education Grant (R25) applications from institutions that propose to increase the pool of master’s degree students from underrepresented backgrounds who go on to research careers in the biomedical and behavioral sciences, and who are trained and available to participate in NIH-funded research. This initiative promotes partnerships/consortia between colleges or universities granting a terminal master’s degree with institutions that offer the doctorate degree. The program expects that the joint efforts of doctorate degree-granting and master’s degree-granting institutions will foster the development of a well-integrated institutional program that will provide students from underrepresented groups with the necessary academic preparation and skills to enable their transition and successful completion of the Ph.D. degree in biomedical and behavioral sciences. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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**Specialized Alcohol Research Centers (P50)**

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


Contact:

Solicitation number: RFA-AA-12-002

The overall purpose of this program is to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to NIAA’s mission. These topics include, but are not limited to: the nature, etiology, genetics, diagnosis, treatment, and prevention of alcohol use disorders and their biomedical, psychosocial, and economic consequences across the lifespan. Centers are regional or national resources that contribute to the development of new research methods, technologies, and approaches that sustain innovative goal-directed research. This FOA runs in parallel with a FOA of identical scientific scope, RFA-AA-12-003, Comprehensive Alcohol Research Centers (P60). Five to six new and/or renewal Center applications in response to both this FOA and companion FOA will be funded. A P50 Center may not exceed $1.8M in total costs per year for up to five years.
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.

NIH Blueprint for Neuroscience Research Grand Challenge - Developing Novel Drugs for Disorders of the Nervous S

National Institutes of Health, Cross-Institute


Contact: Varies with research interest

Solicitation number: RFA-NS-12-002

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

Collaborative Interdisciplinary Team Science in NIDDK Research Areas (R24)

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


Contact: Varies with research interest

Solicitation number: PAR-11-221

These awards will foster the application of interdisciplinary, integrative and/or paradigm-shifting approaches to address complex challenges in biomedical research. This grant is designed to apply the flexibility of the Research Resource Project Grant mechanism (R24) to accommodate many forms of approaches including discovery-based or resource-generating and hypothesis-driven or hypothesis-generating science. Applications submitted must have budgets greater than or equal to $500K in direct costs per year for up to 10 years.

Basic Cancer Research in Cancer Health Disparities (U01)

National Institutes of Health, National Cancer Institute (NCI)


Contact: Varies with research interest

Solicitation number: PAR-11-156

This FOA invites cooperative agreement research (U01) grant applications from investigators interested in conducting basic research studies into the causes and mechanisms of cancer health disparities, including those related to basic research in prevention strategies. This FOA is also designed to aid and facilitate the growth of a nationwide cohort of scientists with a high level of basic research expertise in cancer health disparities research who can develop resources and tools, such as biospecimens, cell lines and methods that are necessary to conduct basic research in cancer health disparities. The maximum project period is five years. This FOA runs in parallel with a FOA of identical scientific scope, PAR-09-160, which utilizes the R21 Exploratory/Developmental Grant mechanism.
Pre-Application for the FY12 NIDA Avant-Garde Award Program for HIV AIDS Research (X02)

The NIDA Avant-Garde Award Program for HIV/AIDS Research supports individual scientists of exceptional creativity who propose high-impact research that will open new areas of HIV/AIDS research and/or lead to new avenues for prevention and treatment of HIV/AIDS among drug abusers. The research proposed must be in an area described in the Trans – NIH Plan for HIV-Related Research http://www.oar.nih.gov/strategicplan/. This announcement utilizes the X02 mechanism for submission of pre-applications. Pre-applications are a necessary first step in applying for a 2012 Avant-Garde Award Program for HIV/AIDS Research. Those investigators whose projects are judged to be the most outstanding will be notified of the opportunity to submit full (DP1) applications under RFA-DA-12-011. Awards will be for $500K in direct costs each year for five years.

National Science Foundation (NSF)

Ongoing

Earth Sciences Instrumentation and Facilities (EAR IF)

National Science Foundation, Geosciences (GEO)

Contact: Varies with research interest

Solicitation number: NSF 11-544

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

Ongoing

Grant Opportunities for Academic Liaison with Industry (GOALI)

National Science Foundation

Contact: Varies with research interest

Solicitation number: NSF 10-580

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

Ongoing

NSF-FDA Scholar-in-Residence at FDA

National Science Foundation

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

Solicitation number: NSF 10-533

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

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

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

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.

Research in Engineering Education

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.

Documenting Endangered Languages (DEL)

This funding partnership between the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH) supports projects to develop and advance knowledge concerning endangered human languages. Funding can support fieldwork and other activities relevant to the digital recording, documenting, and archiving of endangered languages, including the preparation of lexicons, grammars, text samples, and databases. Funding will be available in the form of one- to three-year project grants as well as fellowships for up to twelve months and doctoral dissertation research improvement grants for up to 24 months.
Cooperative Studies of the Earth’s Deep Interior (CSEDI)

National Science Foundation, Geosciences (GEO)


Contact: Robin Reichlin, 703/292-8556, rreichli@nsf.gov

Solicitation number: NSF 11-548

Funding will support basic research on the character and dynamics of the Earth’s mantle and core, their influence on the evolution of the Earth as a whole, and on processes operating within the deep interior that affect or are expressed on the Earth’s surface. Projects may employ any combination of field, laboratory, and computational studies with observational, theoretical, or experimental approaches. Multidisciplinary work is required.

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

Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) - Limited Submission

National Science Foundation, Education and Human Resources (EHR)


Contact: Sarah Hixson, 703/292-4623, shixson@nsf.gov

Solicitation number: NSF 11-550

The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. The goal of the project must be to increase the total graduation numbers of STEM students at the institution(s), and all STEP proposals must include specific numerical targets for these increases. Institutions enrolling more than 15,000 undergraduate students may request up to a total of $2M for five years. Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM. Type 2 proposals are not limited. Grant duration for Type 2 awards is 1 to 4 years, and the request may be up to a total of $1.5M. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
### Interdisciplinary Program on Material Efficiency - A first step towards sustainable manufacturing

**National Science Foundation, Engineering (ENG)**


**Contact:** Varies with research interest

**Solicitation number:** NSF 11-068

The NSF announces a new G8 Research Councils Initiative on Multilateral Research, "Interdisciplinary Program on Material Efficiency - A first step towards sustainable manufacturing." Through a pilot collaboration, the NSF, the Canadian National Sciences and Engineering Research Council (NSERC), the French Agence Nationale de la Recherche (ANR), the German Deutsche Forschungsgemeinschaft (DFG), the Japan Society for the Promotion of Science (JSPS), the Russian Foundation for Basic Research (RFBR), and the United Kingdom Research Councils (RC-UK), will support on a competitive basis, collaborative research projects that are comprised of researchers from at least three of the partner countries. Each proposal must firstly position itself within the larger global material system and demonstrate that the scope of the research and must secondly demonstrate its contribution to improved materials efficiency. NSF anticipates making awards at a level of approximately $150K per award per year.

**9/30/2011**  Preliminary Proposal (required)

**11/9/2011**  Preliminary Proposal (required)

**3/30/2012**  Full Proposal

### Emerging Frontiers in Research and Innovation 2012 (EFRI-2012)

**National Science Foundation, Cross-Directorate**


**Contact:** Varies with research interest

**Solicitation number:** NSF 11-571

Proposals will be considered that aim to investigate emerging frontiers in the following three specific research areas: 1) Flexible Bioelectronics Systems (BioFlex), 2) Origami Design for Integration of Self-assembling Systems for Engineering Innovation (ODISSEI), and 3) Photosynthetic Biorefineries (PSBR). EFRI seeks proposals with transformative ideas that represent an opportunity for a significant shift in fundamental engineering knowledge with a strong potential for long term impact on national needs or a grand challenge. Each project team may receive support of up to a total of $2M over four years.

**9/30/2011**  Entry Deadline

### International Science and Engineering Visualization Challenge

**National Science Foundation**


**Contact:** scivis@nsf.gov

**Solicitation number:**

The National Science Foundation and the journal Science created the International Science & Engineering Visualization Challenge to celebrate the grand tradition of science illustration. The spirit of the competition is for communicating science, engineering and technology for education and journalistic purposes. Judges appointed by NSF and Science will select winners in each of five categories: Photography, Illustrations, Informational Posters and Graphics, Interactive Games and Videos. The winning entries will appear in a special section in Science and Science Online, and on the NSF website, and one of the winning entries will be pictured on the front cover. In addition, each winner will receive a one-year print and on-line subscription to the journal Science and a certificate of appreciation.
National Robotics Initiative (NRI)

The goal of the National Robotics Initiative is to accelerate the development and use of robots that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with human partners is supported by the National Science Foundation, NASA, the National Institutes of Health, and the U.S. Department of Agriculture. The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to industry manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. Two classes of proposals will be considered in response to this solicitation: Small projects of one or more investigators spanning 1 to 5 years and Large projects of Multi-disciplinary teams spanning 1 to 5 years.

Research Experiences for Teachers (RET) in Engineering and Computer Science Site Proposals - Limited Submission

A RET in Engineering and Computer Science Site project is an independent proposal to provide groups of in-service and pre-service K-12 STEM teachers and/or community college faculty with discovery and technology-based learning experiences in engineering and computer science laboratories and facilities, which will then be incorporated into their classroom activities during the school year. A RET Site proposal must be submitted by a College, School, or Department of Engineering, Engineering Technology, or Computer and Information Science and must involve teachers and/or community college faculty in an engineering or computer science research project for a duration of at least six weeks. The maximum total request for a Site is $500K for a duration of up to three years. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

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

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

National Science Foundation


Contact: Varies with research interest
Solicitation number: NSF 10-579

This FOA supports research in mathematics and statistics on questions in the biological and biomedical sciences by encouraging new collaborations, as well as supporting existing ones. Appropriate areas of research include: Evolutionary, ecological and population dynamics; Differentiation and developmental processes; Explanatory and predictive models of cellular behavior; Molecular and cellular networks; New approaches to the prediction of molecular structure; Simulations of the human systemic responses to burn, trauma and other injury; New approaches to understanding system-wide effects of pharmacological agents and anesthetics, and their genetic and environmental modifiers. Investigators are strongly encouraged to talk with an NIGMS or NSF contact person before submitting a proposal. Award sizes are expected to range from $100K to $400K per year with durations of three to five years.

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 CCIs 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.

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM)

National Science Foundation, Education and Human Resources (EHR)


Contact: Richard Alo, 703/292-4634, ralo@nsf.gov
Solicitation number: NSF 11-563

The Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM) Program seeks to identify outstanding mentoring efforts that enhance the participation and retention of individuals who might not otherwise have considered or had access to opportunities in science, technology, engineering, and mathematics (STEM). The awardees serve as leaders in the national effort to develop fully the nation's human resources in STEM. Individual and organizational nominees must have demonstrated outstanding mentoring and effective guidance to a significant number of persons who might not otherwise have considered or had access to opportunities in STEM and who are students at the K-12, undergraduate, or graduate education level, or early career scientists, mathematicians, or engineers. Individual and organizational nominees must have demonstrated a sustained mentoring effort for a minimum of five years. The award recognizes the past mentoring achievements of the nominee. In addition to the award, each recipient will be invited to Washington, D.C. for an awards ceremony, recognition events, meetings with leaders in Federal sector education and research, and focused workshops addressing effective mentoring of persons from underrepresented groups.
Opportunities for Enhancing Diversity in the Geosciences (OEDG)

National Science Foundation, Geosciences (GEO)


Contact: Jill Karsten, 703/292-8500, jkarsten@nsf.gov

Solicitation number: NSF 10-599

The primary goal of the Opportunities for Enhancing Diversity in the Geosciences (OEDG) Program is to increase participation in the Earth, Ocean, Atmospheric, and Geospace Sciences by African Americans, Hispanics/Latinos/Chicanos, Native Americans (American Indians and Alaskan Natives), Native Pacific Islanders (Polynesians or Micronesians), and persons with disabilities. OEDG Planning Grants support planning workshops, conferences, symposia and related short-term activities that facilitate either: 1) development of new strategic plans to implement systemic, community-wide programs to broaden participation in the geosciences; or, 2) development of new partnerships or collaborations between multiple institutions seeking to establish sustainable projects that address the goals of the OEDG Program. OEDG Planning Grants offer up to 12 months of funding, not to exceed $40K.

NSF DOE Partnership in Basic Plasma Science and Engineering

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 09-596

The goal of this three year (FY09-FY11) program initiative is to enhance plasma research and education in this broad, multidisciplinary field by coordinating efforts and combining resources of the two agencies. The initiative will address fundamental issues in plasma science and engineering that can have impact in other areas or disciplines in which improved basic understanding of the plasma state is needed. Award sizes are anticipated to range from $25K to $250K per year with a duration of up to three years, depending upon the nature of the research activity.

Geoscience Education (GeoEd) - Limited Submission

National Science Foundation, Geosciences (GEO)


Contact: Jill Karsten, 703/292-7718, jkarsten@nsf.gov

Solicitation number: NSF 10-512

This program supports innovative or transformative projects that improve the quality and effectiveness of formal and informal geoscience education at all educational levels, increase the number of students pursuing geoscience education and career paths, broaden participation of traditionally underrepresented groups in the geosciences, and promote public engagement in Earth system science. Proposals for pilot or proof-of-concept projects (Track 1) and integrative collaborations (Track 2) will be accepted, as well as for conferences or workshops related to the mission of the program. Track 1 proposals can request up to $150K over a maximum of two years and Track 2 proposals can request up to $500K over a maximum of four years. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.
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.

Geospace Environment Modeling (GEM)

National Science Foundation, Geosciences (GEO)


Contact: Varies with research interest

Solicitation number: NSF 10-510

GEM is a broad-based, community-initiated research program on the physics of the Earth's magnetosphere and the coupling of the magnetosphere to the atmosphere and to the solar wind. The purpose of the GEM program is to support basic research into the dynamical and structural properties of geospace, leading to the construction of a global Geospace General Circulation Model (GGCM) with predictive capability. The typical award size is approximately $90K per year with a duration of three years

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.
Arctic Research Opportunities

National Science Foundation, Office of Polar Programs


Contact: Varies with research interest

Solicitation number: NSF 10-597

The goal of the NSF Division of Arctic Sciences is to gain a better understanding of the Arctic's physical, biological, geological, chemical, social and cultural processes; the interactions of oceanic, terrestrial, atmospheric, biological, social, cultural, and economic systems; and the connections that define the Arctic. The Division of Arctic Sciences and other NSF programs support projects that contribute to the development of the next generation of researchers and scientific literacy for all ages through education, outreach, and broadening participation in science, technology, engineering, and mathematics. Program representatives from OPP and other non-OPP NSF programs that support arctic research coordinate across NSF, including joint review and funding of arctic proposals and mutual support of special projects with high logistical costs. Research opportunities are supported by the following programs: Arctic Natural Sciences Program (ANS); Arctic System Science Program (ARCSS); Arctic Social Sciences Program (ASSP); Arctic Observing Network (AON); and Cyberinfrastructure (ACI).

Paleo Perspectives on Climate Change (P2C2)

National Science Foundation, Geosciences (GEO)


Contact: Varies with research interests

Solicitation number: NSF 10-574

The goal of research funded under this solicitation is to utilize key geological, chemical, and biological records of climate system variability to provide insights into the mechanisms and rate of change that characterized Earth’s past climate variability, the sensitivity of Earth’s climate system to changes in forcing, and the response of key components of the Earth system to these changes. Approximately 35 new awards per year will be made with a typical award duration of three years.

Water Sustainability and Climate (WSC)

National Science Foundation, Cross-Directorate


Contact: Varies with research interest

Solicitation number: NSF 11-551

The goal of this solicitation is to understand and predict the interactions between the water system and climate change, land use, the built environment, and ecosystem function and services through place-based research and integrative models. Successful proposals are expected to study water systems in their entirety and to enable a new interdisciplinary paradigm in water research. Proposals that do not broadly integrate across the biological sciences, geosciences, engineering, and social sciences may be returned without review. Three categories of awards are anticipated for this solicitation. Category 1 Awards: Small exploratory or incubation grants to develop teams, identify sites, hold workshops and develop plans for establishment or operation of a study site or modeling effort. These will be 1 to 2 years in duration for up to $150K. Category 2 Awards: Place-based observational and modeling studies, up to 5 years in duration and for a maximum of $5M for each award. Category 3 Awards: Synthesis, modeling and integration grants that will use existing data to integrate and synthesize across watershed and groundwater sites. Project duration of 3 to 5 years for a maximum of $1.5M for each award.

CISE Computing Research Infrastructure (CRI)

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


Contact: Edwina Rissland, 703/292-8930, erisslan@nsf.gov

Solicitation number: NSF 11-536

CRI drives discovery and learning in the computing disciplines by supporting the creation, enhancement, and operation of world-class computing research infrastructure. The CRI program supports two classes of awards. Institutional Infrastructure (II) awards support the creation of new computing research infrastructure or the enhancement of existing computing research infrastructure and will be made in the $200K to $750K range. Community Infrastructure (CI) awards support the planning for computing research infrastructure, the creation of new computing infrastructure, or the enhancement of existing computing research infrastructure and will be made in the $500K to $1M range.
Advancing Digitization of Biological Collections (ADBC) - Limited Submission

National Science Foundation


Contact: biodigit@nsf.gov

Solicitation number: NSF 11-567

This program seeks to enhance and expand the national resource of digital data documenting existing vouched biological and paleontological collections and to advance scientific knowledge by improving access to digitized information (including images) residing in vouched scientific collections across the United States. This solicitation focuses on proposals for Thematic Collections Networks (TCN) and proposals for Partners to Existing Networks (PEN) to link with existing TCNs, outlined below. Improvements to individual collections are supported through CSBR.

Thematic Collections Network (TCN) proposals will be submissions for two-to-four year awards based on a particular research theme. This research theme may be a grand challenge for biodiversity, a part of a grand challenge, or another important research theme requiring information from existing collections. The TCNs will conduct the actual digitization of the specimens (including imaging and mobilization of the data). The length of award and size of award will depend upon the number and size of the collections to be digitized.

Partners to Existing Networks (PENs) supports collections seeking to digitize and integrate their data into the activities of existing TCNs. PEN awards will be for 1 to 3 years with a maximum request of $150K, and will adhere to the standards and processes established by the existing network. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Collaborative Research in Computational Neuroscience (CRNS)

National Science Foundation, Cross-Directorate


Contact: Kenneth Whang, 703/292-5149, kwhang@nsf.gov

Solicitation number: NSF 11-505

Through the CRCNS program, participating organizations of NSF, the National Institutes of Health, and the German Federal Ministry of Education and Research support collaborative activities that will advance the understanding of nervous system structure and function, mechanisms underlying nervous system disorders, and computational strategies used by the nervous system. Three classes of proposals will be considered in response to this solicitation: 1) Research Proposals describing collaborative research projects; 2) US-German Research Proposals describing international collaborative research projects to be funded in parallel by US and German agencies; and 3) Data Sharing Proposals to enable sharing of data and other resources.

George E Brown Jr Network for Earthquake Engineering Simulation Research (NEESR)

National Science Foundation, Engineering (ENG)


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

Solicitation number: NSF 11-566

The NSF invites proposals for research that uses the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) to advance knowledge, discovery, and innovation for (1) earthquake and tsunami loss reduction of our nation’s civil infrastructure, and (2) new experimental simulation techniques and instrumentation for NEES. Projects proposed and supported under this solicitation must require significant use of one or more of the NEES equipment sites listed at http://www.nees.org and the related cyberinfrastructure and/or require significant reuse of data curated and archived in the NEES Project Warehouse at http://nees.org/warehouse. Support will range from $50K to $600K per year, for up to four years.
Assembling, Visualizing, and Analyzing the Tree of Life (AVAToL)

National Science Foundation, Cross-Directorat


Contact: BIO-AVAToL@nsf.gov

Solicitation number: NSF 11-534

This activity supports novel and transformative approaches to the development of an integrated and robust tree of life, as well as visualization and analysis on a dynamic tree of life. The goal of this activity is to identify opportunities for investment to significantly advance the state-of-the-art in tree construction, visualization, and analysis across the tree of life. Participants selected will engage in an intensive five-day residential workshop to generate project ideas through an innovative, real-time review process. New multidisciplinary teams will form during this workshop to engage in creative problem solving directed at outstanding problems concerning the tree of life. Multidisciplinary integrative approaches calling for communication and interaction among diverse scientists are key to the success of the approach. Two to six awards will be made.

Social-Computational Systems (SoCS)

National Science Foundation, Cross-Directorat


Contact: Varies with research interest

Solicitation number: NSF 10-600

The Social-Computational Systems (SoCS) program seeks to reveal new understanding about the properties that systems of people and computers together possess, and to develop theoretical and practical understandings of the purposeful design of systems to facilitate socially intelligent computing. Awards with annual budgets up to $250K and durations of up to three years will be made.

Continental Dynamics (CD)

National Science Foundation, Geosciences (GEO)


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

Solicitation number: NSF 04-512

The Division of Earth Sciences (EAR) will consider proposals for multidisciplinary research that focuses on an improved understanding of the processes governing the origin, structure, composition, and dynamical evolution of the continents and continental building blocks. The program is particularly oriented toward projects whose scope and complexity require a cooperative or multi-institutional approach and multi-year planning and execution. The intent of the program is to fund only relatively large projects that do not fit easily within other Earth Sciences programs and that have broad support of major sections of the Earth Science community.

Astronomy and Astrophysics Research Grants (AAG)

National Science Foundation, Mathematical and Physical Sciences (MPS)


Contact: Varies with research interest

Solicitation number: NSF 05-608

Approximately $30M is available for individual investigator and collaborative research grants for observational, theoretical, laboratory, and archival data studies in all areas of astronomy and astrophysics, including but not limited to the following areas of study: Planetary Astronomy, Stellar Astronomy and Astrophysics, Galactic Astronomy, and Extragalactic Astronomy. Principal investigators are encouraged to contact one of the program officers listed in this announcement prior to submitting a proposal to the AAG Program, particularly if the proposal will include investigators at multiple institutions.
Dynamics of Coupled Natural and Human Systems (CNH)

National Science Foundation, Cross-Directorate

Contact: Tom Baerwald, 703/292-7301, tbaerwal@nsf.gov
Solicitation number: NSF 10-612

This program promotes interdisciplinary analyses of relevant human and natural system processes and complex interactions among human and natural systems at diverse scales. CNH intends to support three types of activities: CNH Large Interdisciplinary Research Projects; CNH Interdisciplinary Team Exploratory Projects; and CNH Research Coordination Networks, with respective award amounts of $500K to $1.5M for two to five years, $150K to $250K for one to two years, and $250K to $500K for five years.

Small Business Technology Transfer Program Phase I Solicitation FY-2012 (STTR)

National Science Foundation

Contact: Michael Scott, 703/292-4771, mjscott@nsf.gov
Solicitation number: NSF 11-568

This program promotes interdisciplinary analyses of relevant human and natural system processes and complex interactions among human and natural systems at diverse scales. CNH intends to support three types of activities: CNH Large Interdisciplinary Research Projects; CNH Interdisciplinary Team Exploratory Projects; and CNH Research Coordination Networks, with respective award amounts of $500K to $1.5M for two to five years, $150K to $250K for one to two years, and $250K to $500K for five years.

Small Business Technology Transfer Program Phase I Solicitation FY-2012 (STTR)

National Science Foundation

Contact: Michael Scott, 703/292-4771, mjscott@nsf.gov
Solicitation number: NSF 11-568

The Small Business Technology Transfer program stimulates technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. The Small Business Technology Transfer Program (STTR) requires researchers at universities and other non-profit research institutions to play a significant intellectual role in the conduct of each STTR project. These researchers, by joining forces with a small company, can spin-off their commercially promising ideas while they remain primarily employed at the research institution. Proposals may only be submitted by small businesses. For an STTR Phase I Proposal, a minimum of 40% of the research, as measured by the budget, must be performed by the small business concern and a minimum of 30% of the research, as measured by the budget, must be performed by the collaborating research institution. STTR Phase I proposals may be submitted for funding up to $150K for 12 months.

Materials World Network - Cooperative Activity in Materials Research between US Investigators and their Counterpart

National Science Foundation, Mathematical and Physical Sciences (MPS)

Contact: Michael Scott, 703/292-4771, mjscott@nsf.gov
Solicitation number: NSF 11-568

This program supports collaborative activities between US investigators and their colleagues in Africa, Asia, and Europe. Proposals submitted to NSF in response to this solicitation must have clear relevance to research supported by the NSF Division of Materials Research (DMR), as they will be evaluated within the context of programmatic areas within DMR: condensed matter physics, solid state and materials chemistry, polymers, biomaterials, metals and metallic nanostructures, ceramics, electronic and photonic materials, and condensed matter and materials theory. Investigators are strongly advised to contact NSF staff in advance to ascertain that the research planned fits within the scope of the solicitation.

Basic Research to Enable Agricultural Development (BREAD)

National Science Foundation, Biological Sciences (BIO)

Contact: Nora Lapitan, 703/292-4400, BREAD-WG@nsf.gov
Solicitation number: NSF 11-579

The objective of this program is to support innovative basic scientific research designed to address key constraints to smallholder agriculture in the developing world. Proposals to BREAD must make a clear and well-defined connection between the outcomes of the proposed basic research and its direct relevance and potential application to agriculture in the developing world. The Program's focus is on novel, transformative basic research at the proof-of-concept stage rather than its application or development. Especially encouraged are original proposals that address major constraints to the productivity of crops important to smallholder farmers, or on the development of novel and efficient production practices. 10 to 20 awards will be made.
Nuclear Education Curricula Development Grant
Nuclear Regulatory Commission
http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=107353
Contact: Tanya Parwani-Jaimes, 301/492-2308, Tanya.Parwani-Jaimes@nrc.gov
Solicitation number: HR-FN-0711-EDU6
The Nuclear Education Grant Program to support courses, studies, training, curricula, and disciplines pertaining to nuclear safety, nuclear security, nuclear environmental protection, and other fields that the Commission determines to be critical to the NRC’s regulatory mission. The NRC Nuclear Education Grant Program’s primary purpose is supporting and developing the educational infrastructure necessary to allow the Nation to safely advance its nuclear energy initiatives. The NRC currently encourages curriculum development in the following technical areas: Nuclear Engineering; Radiochemistry and Radiobiology; Health Physics; Materials and Mechanical Engineering; Reliability and Risk Analysis; Electrical Engineering; Safeguards and Security; Human Factors and Human Reliability; Fire Protection Engineering; Nuclear Waste; and Computational Methods.

Faculty Development Grant - Limited Submission
Nuclear Regulatory Commission
http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=107333
Contact: Nancy Hebron-Isreal, 301/492-2231, Nancy.Hebron-Isreal@nrc.gov
Solicitation number: HR-FN-0711-NED02
This program provides funding to support nuclear science, engineering, and related disciplines to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities and the safe handling of nuclear materials. The objectives of the Faculty Development Program are to attract and retain highly-qualified individuals in academic teaching careers. The grants specifically target probationary, tenure-track faculty during the first 6 years of their career and new faculty hires in the following academic areas: Nuclear Engineering, Health Physics, Radiochemistry, and related disciplines. Grants may include support for developing applications for research and amounts for initiating or continuing research projects in their areas of expertise. Other areas might include course development, equipment, stipends, participation in professional society meetings, and preparation of papers, travel, and associated expenses. The maximum amount of funding that the NRC will award for an application may not exceed $150K per year, provided that an additional $50K is fully matched by the institution. Awards are for three years and may not be renewed. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Office of Nuclear Regulatory Research Announcement of Opportunity
Nuclear Regulatory Commission
http://www.grants.gov/search/search.do;?oppId=57252&mode=VIEW
Contact: Robin Barnes, 301/251-7401, Robin.Barnes1@nrc.gov
Solicitation number: RGR-FN-0910-RES
The Office of Nuclear Regulatory Research (RES) furthers the agency’s regulatory mission by providing technical advice, technical tools and information for identifying and resolving safety issues, making regulatory decisions, and promulgating regulations and guidance. RES will consider applications that propose to conduct independent experiments and analyses, develop technical bases for supporting realistic safety decisions by the agency, and evaluate safety issues involving current and new designs and technologies. The maximum award period is five years. Award amounts in prior years ranged from $25K to $225K.

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 Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) 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.

Visual Arts Grants

The Elizabeth Greenshields Foundation

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

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

Solicitation number:

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

Mellon Foundation Grants

The Andrew W. Mellon Foundation

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

Contact: Varies with research interest

Solicitation number:

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

National Geographic Society Waitt Grants

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.
**Committee for Research and Exploration Grant**

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

**Contact:** cre@ngs.org

**Solicitation number:**

**http://www.nationalgeographic.com/field/grants-programs/cre-application/**

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**FSSS Grants-in-Aid Program**

The Foundation for the Scientific Study of Sexuality (FSSS)

**http://www.fsssonline.org/GIA.htm**

**Contact:** aletk001@umn.edu

**Solicitation number:**

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

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**Pardee Foundation Grants**

Elsa U. Pardee Foundation

**http://www.pardeefoundation.org/grants.aspx**

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

**Solicitation number:**

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

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**Waitt Foundation Grants**

Waitt Foundation

**http://waittfoundation.org/grant-guidelines**

**Contact:** 858/551-4400

**Solicitation number:**

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

Found Animals Foundation

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

Contact: MichelsonPrize@foundanimals.org

Solicitation number:

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

**Energy Foundation Grants**

The Energy Foundation

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.

**Arts & Culture Program**

The Nathan Cummings Foundation

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.
Ongoing

**Lannan Foundation Grants**

Lannan Foundation


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

Solicitation number:

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

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Ongoing

**Mathers Grants**

The G. Harold & Leila Y. Mathers Charitable Foundation

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

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

Solicitation number:

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

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Ongoing

**Conservation Trust Grant**

National Geographic Society


Contact: conservationtrust@ngs.org

Solicitation number:

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

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Ongoing

**Environment Program**

The William and Flora Hewlett Foundation


Contact: 650/234-4500

Solicitation number:

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

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.

Funding for Readings and Workshops
Poets and 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.
Ongoing

**Mott Foundation Grants**

The Charles Stewart Mott Foundation


Contact:

Solicitation number:

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

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Ongoing

**European Union 7th Framework Program for Research**

European Commission

[http://ec.europa.eu/research/participants/portal/page/fp7_calls](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)

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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.
**Humanities Program Grants**

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.

**Transatlantic Networks of Excellence in Cardiovascular and Neurovascular Research**

Fondation Leducq


Contact: contact@flicq.org

Solicitation number:

Under the Transatlantic Networks of Excellence program the foundation awards grants of up to $6M over five years to collaborative teams of European and North American scientists in the areas of cardiovascular and neurovascular disease.

**Career Development Award and Innovative Grants**

Juvenile Diabetes Research Foundation International

http://www.jdrf.org/index.cfm?page_id=111715

Contact: Varies with research interest

Solicitation number:

The foundation encourages researchers interested in addressing the scientific and clinical challenges and gaps to cure type 1 diabetes and its complications to apply for funding. The Career Development Award is intended for faculty who have received their PhD at least three but not more than seven years before the award. Awards are up to $150K per year for five years. Innovative grants provide seed funding for highly innovative research with potential significant impact on accelerating the mission of JDRF. These grants provide one year of support for a maximum of $100K in direct costs. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

**MacDowell Fellowships**

The MacDowell Colony

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

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

Solicitation number:

A MacDowell Fellowship provides time, space, and an inspiring environment for artists and consists of exclusive use of a studio, accommodations, and meals for up to eight weeks. The Colony accepts applications from artists working in the following disciplines: architecture, film/video arts, interdisciplinary arts, literature, music composition, theatre, and visual arts. The sole criterion for acceptance is artistic excellence.
TCF Grants
The Christensen Fund (TCF)
http://www.christensenfund.org/frame_grants.html
Contact: 650/323-8733, info@christensenfund.org
Solicitation number:
TCF focuses its grant making on maintaining the rich diversity of the world—biological and cultural—over the long run, by focusing on five geographic regions: The Greater Southwest (Southwest USA and Northwest Mexico); Central Asia and Turkey; The African Rift Valley; Northern Australia; and Melanesia. Grants within the regional programs are generally directed to organizations based within those regions or, where appropriate, to organizations working in support of the efforts of people and institutions on the ground. Grant size typically ranges from $50K to $100K over one to two years.

Fitch Mid-Career Grants
James Marston Fitch Charitable Foundation
http://fitchfoundation.org/filter/Grants - 975459/ApplicationFitch-Mid-Career-Grant
Contact: 212/252-6809, info@fitchfoundation.org
Solicitation number:
Grants of up to $15K are awarded annually to one or two mid-career professionals who have an academic background, professional experience, and an established identity in one or more of the following fields: historic preservation, architecture, landscape architecture, urban design, environmental planning, architectural history, and the decorative arts. Proposals will be considered for the research and/or the execution of the preservation-related projects in any of these fields.

Guggenheim Fellowships
John Simon Guggenheim Memorial Foundation
http://www.gf.org/applicants/how-to-apply/
Contact: 212/687-4470
Solicitation number:
The John Simon Guggenheim Memorial Foundation provides fellowships for advanced professionals in all fields (natural sciences, social sciences, humanities, creative arts) except the performing arts. The fellowships are intended to further the development of scholars and artists by assisting them to engage in research in any field of knowledge and creation in any of the arts, under the freest possible conditions. Fellowships are grants to selected individuals made for a minimum of six months and a maximum of twelve months. Since the purpose of the program is to help provide fellows with blocks of time in which they can work with as much creative freedom as possible, grants are made freely. No special conditions attach to them, and fellows may spend their grant funds in any manner they deem necessary to their work.

Career Development Program (CDP) - Limited Submission
The Leukemia and Lymphoma Society
http://www.lls.org/researchershealthcareprofessionals/academicgrants/careerdevelopment/
Contact: 914/821-8301, researchprograms@lls.org
Solicitation number:
The CDP supports: fundamental basic and clinical research in genetics, molecular and cell biology, molecular pharmacology, molecular virology and immunology and translational research directly relevant to improved treatment or diagnosis of leukemia, lymphoma and myeloma and, where applicable, to prevention. The program will support Scholars who have held an independent faculty position for no more than eight years for up to $550K over five years. Awards are also available for postdoctoral fellows. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.
2012 NARSAD Young Investigator Grant

Brain & Behavior Research Foundation

http://www.narsad.org/userFiles/YI%202012%20Guidelines.pdf

Contact: 516/829-5576, grants@bbrfoundation.org

Solicitation number:

This program offers up to $30K a year for up to two years to enable promising investigators to either extend their research fellowship training or to begin careers as independent research faculty. The program is intended to facilitate innovative research opportunities and supports basic, as well as translational and/or clinical investigators, however, research must be relevant to our understanding, treatment and prevention of serious psychiatric disorders such as schizophrenia, bipolar, mood and anxiety disorders, or child and adolescent psychiatric disorders. Applicants must be post-doctoral fellows or assistant professors.

Sloan Research Fellowships

Alfred P. Sloan Foundation

http://www.sloan.org/fellowships

Contact: researchfellows@sloan.org

Solicitation number:

The Sloan Research Fellowships seek to stimulate fundamental research by early-career scientists and scholars of outstanding promise. Candidates for Sloan Research Fellowships are required to: hold a PhD in chemistry, physics, mathematics, computer science, economics, neuroscience, computational and evolutionary molecular biology, ocean sciences, or in a related interdisciplinary field; be members of the regular teaching faculty (i.e., tenure track) of a degree-granting college or university in the United States or Canada; and normally, be no more than six years from completion of the most recent PhD as of the year of their nomination. The size of the award is $50K for the two-year period and may be used for any activity supportive of the fellow’s research, such as equipment, technical assistance, professional travel, or trainee support.

NRFTD 2011 RFA Announcement for Basic or Translational Research

National Research Fund for Tick Borne Diseases, Inc. (NRFTD)

http://www.nrftd.org/

Contact: grants@nrftd.org

Solicitation number:

The National Research Fund for Tick Borne Diseases, Inc. (NRFTD) is a non-profit organization dedicated to the promotion and funding of research in the field of tick-borne diseases. The purpose of this announcement is to request grant applications from scientists interested in pursuing basic or translational research programs in this field. For this funding cycle, grants will be in the form of pilot projects. At least two applications will be funded. NRFTD-funded pilot projects will be supported for one year only and will carry a maximum direct cost of $50K. Those who wish to perform innovative research on any aspect of established or emerging tick-borne diseases in North America, including those caused by Lyme disease and relapsing fever Borrelia, Babesia, and intracellular bacteria that infect humans (e.g., Ehrlichia, Anaplasma, and Rickettsia), are invited to apply. The disciplines that the NRFTD is prepared to support include, but are not limited to microbiology; genomics and proteomics; immunology; clinical investigation; pathology; vector biology; and ecology of potential new tick-borne pathogens.

CASVA Visiting Senior Fellowship Program

The Center for Advanced Study in the Visual Arts

http://www.nga.gov/casva/casvavissen.htm

Contact: 202/842-6482

Solicitation number:

Fellowships are for full-time research in the history, theory, and criticism of the visual arts of any geographical area and of any period. Applications are also solicited from scholars in other disciplines whose work examines artifacts or has implications for the analysis, interpretation, and criticism of visual form. Visiting senior fellowships are intended for those who have held the PhD for five years or more. The Center awards up to 12 two-month fellowships ranging from $6K to $8K, depending on relocation requirements.
International Opportunities Fund (IOF)

Natural Environment Research Council

http://www.nerc.ac.uk/research/international/iof/events/ao2.asp

Contact: iof@nerc.ac.uk

Solicitation number:

The aim of the IOF Scheme is to facilitate international collaboration that is significantly aligned with NERC strategic priorities and will add value to existing UK environmental research and knowledge exchange capability. The program will support collaboration between UK researchers and those from NERC target countries (including the US) on the following science themes: Climate system; Biodiversity; Sustainable use of natural resources; Earth system science; Natural hazards; Environment, pollution, and human health; and Technologies. A maximum of £300K per award may be requested.

ACLS Collaborative Research Fellowships

American Council of Learned Societies (ACLS)

http://www.acls.org/programs/collaborative/

Contact: fellowships@acls.org

Solicitation number:

The aim of this fellowship program is to offer small teams of two or more scholars the opportunity to collaborate intensively on a single, substantive project. The fellowship supports projects that aim to produce a tangible research product (such as joint print or web publications) for which two or more collaborators will take credit. The fellowships are for a total period of up to 24 months, to be initiated between July 1, 2012 and September 1, 2014, and provide salary replacement for each collaborator based on academic rank as well as up to $20K in collaboration funds.

ACLS Fellowships

American Council of Learned Societies (ACLS)

http://www.acls.org/programs/acls/

Contact: fellowships@acls.org

Solicitation number:

The ACLS Fellowship program invites research applications in all disciplines of the humanities and related social sciences. The ultimate goal of the project should be a major piece of scholarly work by the applicant. The ACLS Fellowships are intended as salary replacement to help scholars devote six to twelve continuous months to full-time research and writing. The Fellowship stipend is set at three levels based on academic rank: up to $35K for Assistant Professor and career equivalent; up to $45K for Associate Professor and career equivalent; and up to $65K for full Professor and career equivalent.

Charles A. Ryskamp Research Fellowships

American Council of Learned Societies (ACLS)

http://www.acls.org/programs/ryskamp/

Contact: fellowships@acls.org

Solicitation number:

These fellowships support advanced assistant professors in the humanities and related social sciences whose scholarly contributions have advanced their fields and who have well-designed and carefully developed plans for new research. The fellowships are intended to provide time and resources to enable these faculty members to conduct their research under optimal conditions. The ultimate goal of the project should be a major piece of scholarly work by the applicant. Ryskamp Fellowships are intended to support an academic year of research (nine months), plus an additional summer’s research (two months) if justified. Each fellowship carries a stipend of $64K, a fund of $2.5K for research and travel, and an additional 2/9 of the stipend for one summer’s support, if justified.
ACLS Digital Innovation Fellowships
American Council of Learned Societies (ACLS)
http://www.acls.org/programs/digital/
Contact: fellowships@acls.org
Solicitation number:
ACLS Digital Innovation Fellowships are intended to support an academic year dedicated to work on a major scholarly project that takes a digital form. Each fellowship carries a stipend of up to $60K towards an academic year’s leave and provides for project costs of up to $25K.

Comparative Perspectives on Chinese Culture and Society
American Council of Learned Societies (ACLS)
http://www.acls.org/programs/chinese-culture/
Contact: fellowships@acls.org
Solicitation number:
Proposals in the humanities and related social sciences that adopt an explicitly cross-cultural or comparative perspective are solicited to support collaborative work in China studies. Proposals are expected to be empirically grounded, theoretically informed, and methodologically explicit. The program will support collaborative work of three types: 1) Planning Meetings: grants of up to $6K will be offered for one-day meetings to plan conferences or workshops; 2) Workshops: grants of $10K-$15K will be offered for workshops designed to promote discussion and the exchange of ideas on newly available or inadequately researched data or texts; and 3) Conferences: grants up to $25K will be offered for formal research conferences intended to produce significant new research.

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

Bikes Belong Foundation Research Grants
Bikes Belong Foundation
http://www.bikesbelong.org/bikes-belong-foundation/foundation-grants/research-grants/
Contact: zoe@bikesbelong.org
Solicitation number:
The Foundation aims to support its mission and programs by funding a limited number of research grants each year. Research grants of $5K to $10K each will focus on two priority areas: 1) Economic Impact: research that examines the economic impact of additional or improved bicycling facilities or bike-related events; 2) Special Opportunities: innovative or unique research efforts considered on a case-by-case basis.
Higher Education Grant Program - Limited Submission
The Procter & Gamble Fund

Contact:
Solicitation number:
This program has been established to provide support for efforts of regionally accredited U.S. colleges and universities that will better prepare students for success in business. Grants will be provided for specific projects or programs, including but not limited to: improving curriculum to be at the cutting edge in relevance and effectiveness; fostering and enabling leadership opportunities and learning; creating a learning environment that encourages and enhances innovation and creativity; and strengthening diversity in thought, participation and ongoing interaction. Based on the scope of the project, grants ranging from $5K to $10K will be awarded. Awards are for one year only. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

10/1/2011 Application
Walker Foundation Grants
Alex C. Walker Foundation
http://walker-foundation.org/grant-guidelines

Contact:
Solicitation number:
The Foundation funds local, national, and international projects as pilot studies or demonstrations for solving economic imbalances that may affect the United States or challenge the global free-enterprise system.

10/1/2011 Application
Conference and Workshop Grants
The Wenner-Gren Foundation
http://www.wennergren.org/programs/conference-and-workshop-grants

Contact: 212/683-5000, inquiries@wennergren.org
Solicitation number:
The foundation supports events that foster the creation of an international community of research scholars in anthropology and advance significant and innovative anthropological research. Conferences are defined as public events that are comprised primarily of oral and poster presentations to a larger audience of anthropologists. Workshops are defined as working meetings that focus on developing and debating topical issues in theoretical anthropology. Priority is given to those workshops that devote the majority of time to discussion and debate rather than to the presentation of papers. These grants are for amounts up to $15K.

10/1/2011 Application
12/1/2011 Application
Franklin Research Grants
American Philosophical Society
http://www.amphilsoc.org/grants/franklin

Contact: Linda Musumeci, LMusumeci@amphilsoc.org
Solicitation number:
The American Philosophical Society awards small grants to scholars in order to support the cost of research leading to publication in all areas of knowledge. The program is particularly designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses.
**Scientific Research Projects**

GRAMMY Foundation

[http://www.grammy.org/grammy-foundation/grants](http://www.grammy.org/grammy-foundation/grants)

Contact: loi@grammy.com

Solicitation number:

The GRAMMY Foundation Grant Program awards grants to organizations and individuals to support research on the impact of music on the human condition. Examples might include the study of the effects of music on mood, cognition and healing, as well as the medical and occupational well-being of music professionals and the creative process underlying music. Priority is given to projects with strong methodological design as well those addressing an important research question.

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**Theodore Dunham Jr. Grants for Research in Astronomy**

The Fund for Astrophysical Research

[http://foundationcenter.org/grantmaker/fundastro/grants.html](http://foundationcenter.org/grantmaker/fundastro/grants.html)

Contact: Wolcott Dunham, 212/909-6595, fundastro@debevoise.com

Solicitation number:

Grants are awarded for the acquisition of astronomical equipment, computer time, computer hardware or software that will be used in research. Preference will generally be given to proposals for facilities that are likely to be used by a number of astronomers. Each year, the F.A.R. awards a small number of grants, which have ranged up to about $3K per grant.

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**External Faculty Fellowships**

Stanford University

[http://shc.stanford.edu/fellowships/non-standford-faculty](http://shc.stanford.edu/fellowships/non-standford-faculty)

Contact: Robert Barrick, rbarrick@stanford.edu

Solicitation number:

Faculty fellowships are awarded across the spectrum of academic ranks (assistant, associate, and full professor) and a goal of the selection process is to create a diverse community of scholars. Research projects must be in the humanities. All applicants must have a PhD and be at least three years beyond receipt of the degree at the start of the fellowship year. Junior fellowships are for scholars who will be at least three and no more than ten years beyond receipt of the PhD by the start of the fellowship year. Senior fellowships are for established scholars who are more than ten years beyond receipt of the PhD. Fellowships are for one full academic year, and require the fellow to be in residence during Autumn, Winter, and Spring Quarters. Fellows are awarded stipends of up to $60K and a housing and moving allowance of up to $15K.

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**Pancreatic Cancer Innovative Grants**

Pancreatic Cancer Action Network

[http://www.pancan.org/section_research/research_grants_program/apply_for_a_grant.php](http://www.pancan.org/section_research/research_grants_program/apply_for_a_grant.php)

Contact: 310/725-0025, info@pancan.org

Solicitation number:

These grants support create and cutting edge ideas or approaches, including those successful in other areas of cancer with promise for pancreatic cancer. Full-time junior and senior faculty are eligible to apply. Grants are for a duration of two years, for an overall amount of $200K.
**Beckman Young Investigators Program**
Arnold and Mabel Beckman Foundation
Contact: 949/721-2222
Solicitation number:

The Beckman Young Investigator (BYI) Program is intended to provide research support to the most promising young faculty members in the early stages of academic careers in the chemical and life sciences particularly to foster the invention of methods, instruments, and materials that will open up new avenues of research in science. The BYI program is intended to provide funding to individuals with minimal or no external or internal funding from parent or other organizations. Proposals that have substantial funding will not be considered for the BYI award. Projects are normally funded for a period of four years. Grants may be in the range of $750K over the term of the project, contingent upon demonstrated progress following the first two years of the award. To be eligible, an applicant should not have completed more than five full years in his or her tenure-track or other comparable independent research appointment. Interested investigators should send a notice of intent to funding@research.ucsb.edu by Friday, Sept. 9 so that we can help coordinate the required dean and executive vice chancellor signatures needed for the application.

10/3/2011  Letter of Intent (required)
12/12/2011  Full Proposal (by invitation only)

**Multi-Arts Production (MAP) Fund**
The Andrew W. Mellon Foundation
http://www.mapfund.org/apply.html
Contact: 212/226-1677, mapinfo@mapfund.org
Solicitation number:

MAP works to build a thriving, risk-welcoming contemporary performance field by providing project-specific funding to playwrights, choreographers, directors, composers, and performers experimenting in any performance tradition or discipline. MAP has sought especially to support work that brings insight to the issue of cultural difference or the concept of "other," be that it class, gender, generation, or ethnicity. MAP supports only projects that contain a live performance. Up to 40 grants ranging from $10K to $45K will be made. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.

10/5/2011  Stage 1 Application (required)

**Brady Education Foundation Grants**
Brady Education Foundation
http://www.bradyeducationfoundation.org/applicationguidelines.html
Contact: info@bradyeducationfoundation.org
Solicitation number:

The Foundation funds two types of education projects: 1) evaluations of existing model programs and 2) innovative research on model development, including both efficacy and effectiveness studies. The Foundation favors projects that bring researchers and service providers together to prove and improve the effectiveness of early care and education environments for at-risk children, projects that leverage other funds, projects with the potential to inform or guide policy or funding decisions, and projects that structure time for researchers/evaluators and program providers to collaborate. There is a two-stage application process, and the stage 2 application is by invitation only. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
IRSF Basic Research Grant Program
International Rett Syndrome Foundation
http://www.rettsyndrome.org/research/for-scientists/grant-opportunities.html
Contact: 800/818-7388
Solicitation number:
These grant awards are meant to provide seed money for research that encompasses innovative therapeutic approaches and cutting-edge diagnostic techniques that will lead to follow-on funding. The Regular Research Grant is designed to assist investigators in establishing hypotheses relevant to Rett syndrome research and in obtaining future funding from other agencies. The Post-doctoral Fellowship is designed to assist post-doctoral researchers in establishing careers in fields relevant to Rett syndrome research. Post-doctoral applicants are required to have a sponsoring mentor. The maximum funding level for both Regular Research Grants and Post-doctoral Fellowships is $100K over two years.

Fellowship in Pulmonary Research - Limited Submission
Parker B. Francis Fellowship Program
http://www.francisfellowships.org/learn.htm
Contact: Thomas Martin, 206/764-2219, trmartin@u.washington.edu
Solicitation number:
The Parker B. Francis Fellowship in Pulmonary Research is intended to support the development of outstanding investigators embarking on careers in pulmonary, critical care and sleep medicine. Grants are made for three years of support. Ph.D. and other non-M.D. applicants should be no more than seven years beyond completion of the doctoral degree. Allowable costs are restricted to the PBF Fellow’s salary plus fringe benefits and may include travel to a maximum of $2K per year. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Soros Justice Fellowships
Open Society Foundations
Contact: sorosjusticefellowships@sorosny.org
Solicitation number:
These fellowships fund outstanding individuals to implement innovative projects that advance the efforts of the Foundations to reform the U.S. criminal justice system. The Foundations seek to reduce the destructive impact of current criminal justice policies on the lives of individuals, families, and communities in the U.S. by challenging the overreliance on incarceration and harsh punishment, and ensuring a fair and equitable system of justice. Fellows receive funding through the following two categories: Advocacy and Media.

Alzheimer's Disease Research Award
American Health Assistance Foundation (AHAF)
Contact: 1-800/437-2423, researchgrants@ahaf.org
Solicitation number:
The goal of this program is to advance innovative research promoting advances in the etiology, prevention, and treatments of Alzheimer’s disease, macular degeneration, and glaucoma. These grants are designed to allow scientists the opportunity to develop the preliminary data necessary to be considered competitive for larger government or corporate types of sponsorship. Applications presenting some amount of preliminary results are at an advantage. There are three types of awards: 1) the Standard Award; 2) the Pilot Award; and 3) the Research Fellowship, with respective maximum award amounts of $133,333 per year over three years, $75K per year over two years, and $50K per year over two years.
Kress Foundation Grant Programs

Kress Foundation


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

Solicitation number:

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

Research Scholar Grants

American Cancer Society

http://www.cancer.org/Research/ResearchProgramsFunding/FundingOpportunities/IndexofGrants/index

Contact: 404/329-7558, grants@cancer.org

Solicitation number:

These grants provide the resources for investigator-initiated research in a variety of cancer-relevant areas. They typically cover the cost of items such as salaries, consumable supplies, special equipment, and other miscellaneous items required to conduct the proposed research. Awards are for up to four years and for up to $200K per year (direct costs), plus 20% allowable indirect costs. Independent investigators in the first six years of an independent research career or faculty appointment are eligible to apply.

Faculty Research Visit Grant

German Academic Exchange Service (DAAD)

http://www.daad.org/?p=researchvisit

Contact: schenkl@daad.org

Solicitation number:

DAAD offers grants for one to three months in all academic disciplines to scholars at US and Canadian institutions of higher education to pursue research at universities, libraries, archives, institutes, or laboratories in Germany. Grants are awarded for specific research projects and cannot be used for travel only. Conferences, meetings, lectures, or guest professorships will not be supported. Scholars who hold the PhD (or equivalent) and have been working in research or teaching full time for at least two years at the time of application and after receipt of the doctorate are eligible. The monthly award will amount to €1,840 for assistant lecturers, assistant professors and young lecturers, and €1,990 for professors.

Faculty Grants in France

Albert and Elaine Borchard Foundation


Contact: 818/730-0353

Solicitation number:

Candidates from the faculties of colleges and universities in Southern California may apply for the following grants to be used in France during summer of 2012 and academic year 2012-13. Scholar-in-Residency Grants offer (a) a stipend of $30K for research in France for a semester/quarter during academic year 2012-13, plus (b) accommodations in the Chateau de la Bretesche as a home base for the research and/or writing up the research findings. Grants to Host an International Colloquium in France offer $35K to organize and direct 3-day international colloquia at the Chateau de la Bretesche in the summer months of 2012. They should be small in size, with participants equally divided between Americans and Europeans. The Foundation expects grantees to publish the proceedings. Candidates may be from any discipline.
Academic Research Grant Program
Borchard Foundation Center on Law & Aging
http://www.borchardcla.org/academic-research-grant-program
Contact: Mary Jane Ciccarello, mjc@borchardcenter.org
Solicitation number:
The Borchard Foundation Center on Law & Aging underwrites an Academic Research Grant Program to further scholarship about new or improved public policies, laws and/or programs that will enhance the quality of life for the elderly. The foundation awards up to four grants of $20K each year.

AAAS Early Career Award for Public Engagement with Science
American Association for the Advancement of Science (AAAS)
http://www.aaas.org/aboutaaas/awards/public_engagement/
Contact:
Solicitation number:
The AAAS Early Career Award for Public Engagement with Science recognizes early-career scientists and engineers who demonstrate excellence in their contribution to public engagement with science activities. A monetary prize of $5K, a commemorative plaque, complimentary registration to the AAAS Annual Meeting, and reimbursement for reasonable hotel and travel expenses to attend the AAAS Annual Meeting to receive the prize are given to the recipient. For the purposes of this award, public engagement activities are defined as the individual’s active participation in efforts to engage with the public on science- and technology-related issues and promote meaningful dialogue between science and society. “Early career” is defined as an individual who has been in his/her current field for less than seven years and pre-tenure.

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

International Geoscience Programme (IGCP)
United Nations Environmental, Scientific, and Cultural Organization
Contact: Varies with research interest
Solicitation number:
The primary aims of IGCP are to facilitate international collaboration amongst scientists from around the world in research on geological problems. Through long-term joint research efforts, meetings, field trips, and workshops, IGCP aims to promote the use of geosciences in global issues including, but not limited to, sustainable development, the health and safety of humanity and the reduction of the adverse effects of natural disasters and resource extraction. Projects are approved for a period not exceeding five years. There are also IGCP Young Scientist Projects, aimed at fostering international cooperation between prospective young scientists from developing and developed countries early in their careers and amounting up to $5K per year.
Scientific Innovations Award - Limited Submission
The Brain Research Foundation
http://thebrf.org/Sub+Pages/Scientific+Innovations+Award+Guidelines
Contact: 312/759-5150, info@theBRF.org

Solicitation number:

The Brain Research Foundation's Annual Scientific Innovations Award Program provides funding for innovative science in both basic and clinical neuroscience. This funding mechanism is designed to support creative, exploratory, cutting edge research in well-established research laboratories, under the direction of established investigators. The objective of the SIA is to support projects that may be too innovative and speculative for traditional funding sources but still have a high likelihood of producing important findings. Each total award is limited to $150K direct costs for a one to two year grant period. To be eligible, the nominated candidate must be a tenure-track or tenured professor or associate professor working in the area of studies of brain function in health and disease. Current major NIH or other peer-reviewed funding is preferred but evidence of such funding in the past three years is essential. Studies should be related to either normal human brain development or specifically identified disease states. This includes molecular and clinical neuroscience as well as studies of neural, sensory, motor, cognitive, behavioral and emotional functioning in health and disease. The grant proposal must detail a new research project that is not funded by other sources. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

Biomedical Research Grant (RG) Program
American Lung Association
http://www.lungusa.org/assets/documents/grant-descriptions/biomedical-research-grant.pdf
Contact: 212/315-8741

Solicitation number:
The objective is to provide seed monies to junior investigators researching the mechanisms of lung disease and general lung biology. The Association is particularly interested in receiving meritorious applications from individuals working in areas that are aligned with the following mission-related Strategic Planning Goals: 1) Eliminate tobacco use and tobacco-related lung diseases; 2) Improve the air we breathe so it will not cause or worsen lung disease; and 3) Reduce the burden of asthma, COPD and lung cancer on patients and their families. Award recipients must have completed two years of post-doctoral research training by the start of the award. Grants are $40K per award year and may be granted for two years.

National Glaucoma Research Standard Awards
American Health Assistance Foundation (AHAF)
http://www.ahaf.org/research/apply/openawards.html
Contact: researchgrants@ahaf.org

Solicitation number:
This program offers standard awards to U.S. domestic and international research proposals related to developing treatments, prevention, and cures for glaucoma. The standard award provides significant funding for researchers who have already generated some amount of preliminary data, but often still require significant progress before they can apply to governmental or industrial funding agencies. Although, in theory, no preliminary data is necessary for AHAF awards, the most competitive proposals have data serving to back the proposal. This data is used to evaluate the merit of the hypothesis and the competence of the investigators to perform and interpret the proposed experiments.

Pancreatic Cancer Career Development Awards
Pancreatic Cancer Action Network
http://www.pancan.org/section_research/research_grants_program/apply_for_a_grant.php
Contact: 310/725-0025, info@pancan.org

Solicitation number:
These awards support newly independent investigators to develop or strengthen a research program in pancreatic cancer. Junior faculty in the first four years of a full-time appointment are eligible to apply. The award amount is $200K, given over a two-year period.
Bradley Foundation Grants
The Bradley Foundation
http://www.bradleyfdn.org/grantmaking_policies.asp
Contact: 414/291-9915
Solicitation number:
The Foundation encourages projects that focus on cultivating a renewed, healthier, and more vigorous sense of citizenship among the American people, and among peoples of other nations, as well. Applicants must submit a letter of inquiry prior to submitting 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.

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.

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

Lawrence Foundation Grants
The Lawrence Foundation
http://www.thelawrencefoundation.org/grants/index.php
Contact: info@thelawrencefoundation.org
Solicitation number:
The Foundation is focused on making grants to support environmental, education, human services, and other causes. The Foundation makes both program and operating grants and does not have any geographic restrictions on our grants. Before applying to foundation opportunities, please contact Janice Hartoch Taylor, Director of Foundation Relations (janice.taylor@ia.ucsb.edu or x8406) for more information and coordination purposes.
Howard Fellowships
The George A. and Eliza Howard Foundation
http://brown.edu/Divisions/Graduate_School/Howard_Foundation/
Contact: 401/863-2640, Howard_Foundation@brown.edu
Solicitation number:
The Howard Foundation awards a limited number of fellowships each year for independent projects in selected fields. The Foundation targets its support specifically to early mid-career individuals, those who have achieved recognition for at least one major project. Approximately ten fellowships will be awarded in April 2012 for 2012-2013 in the fields of Photography, Anthropology, and Archaeology. Stipends of $30K will be awarded to support individuals working on projects for the academic year 2012-2013 and are intended primarily to provide artists and scholars with time to complete their work.

Investigators in the Pathogenesis of Infectious Disease - Limited Submission
Burroughs Wellcome Fund
Contact: Jean Kramarik, 919/991-5122, jkramarik@bwfund.org
Solicitation number:
Five-year awards provide $500K for accomplished investigators at the assistant professor level to study pathogenesis, with a focus on the intersection of human and microbial biology. The program is intended to shed light on the overarching issues of how human hosts handle infectious challenge. The awards are intended to give recipients the freedom and flexibility to pursue new avenues of inquiry and higher-risk research projects that hold potential for advancing significantly the biochemical, pharmacological, immunological, and molecular biological understanding of how infectious agents and the human body interact. Research support, which is under the control of the grantee, may be used flexibly for items such as consumable supplies, equipment, publishing costs, travel to scientific meetings, and laboratory personnel working with the grantee. Candidates must have an established record of independent research and hold a tenure-track position as an assistant professor or equivalent (at the time of application) at a degree-granting institution. OR has not received any notices of intent. Contact funding@research.ucsb.edu if you are interested in submitting.

Library Research Grants
The Getty Foundation
http://www.getty.edu/foundation/funding/residential/library_research_grants.html
Contact: 310/440-7374, researchgrants@getty.edu
Solicitation number:
Getty Library Research Grants provide partial, short-term support for costs relating to travel and living expenses to scholars whose research requires use of specific collections housed in the Getty Research Institute. Library Research Grants are intended to provide partial support for costs relating to travel and living expenses. Grants range from $500 to $2,500, depending on the distance traveled.

Faculty Scholars Program in Bioethics - Limited Submission
Greenwall Foundation
http://www.greenwallfsp.org/
Contact: greenwall@medicine.ucsf.edu
Solicitation number:
The Greenwall Faculty Scholars Program in Bioethics is a career development award to enable outstanding junior faculty members to carry out original research that will help resolve important policy and clinical dilemmas at the intersection of ethics and the life sciences. Applicants must be junior faculty members holding at least a 60% appointment in a tenure series at a university or non-profit research institute in the U.S. Priority will be given to applicants who have not yet been considered for tenure, who have not received a comparable career development award, and whose work will have an impact on public policy or clinical practice. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.
Religion and Innovation Human Affairs (RIHA) Program

The Historical Society
http://www.bu.edu/historic/riha/
Contact: 617/358-0260, historic@bu.edu

Solicitation number:

This program will provide up to $2M in research support for empirical, conceptual, and interpretive work exploring interconnections between religion and innovation as history and human affairs. The program encourages applications from investigators interested in undertaking conceptually-oriented research on the role religion(s) may or may not play in the generation and receptivity of new ideals and practices leading to progress in human history. Investigators may request up to $100K for two-year projects. Awards up to $250K for two years will be made particularly for proposals that involve fieldwork.

Changing Faces of Americas Children - Young Scholars Program

Foundation for Child Development
http://fcd-us.org/sites/default/files/2012%20YSP%20Program%20Description.pdf
Contact: ysp@fcd-us.org

Solicitation number:

YSP supports research on the development of children in immigrant families from birth to age ten, particularly those who are living in low-income families. Of interest is research that can inform policies regarding the health and education needs of young newcomer children in the US. Proposals may include research designs for an empirical study, pilot work for a larger scale research project that will seek funding from other public and private funders, or analysis of data previously collected. Scholars must have earned their Ph.D. within the 15 years prior to June 30, 2011. The research design should be based on funding up to a maximum amount of $150K used over a period of one to five years.

Doctoral New Investigator (DNI) Grants

American Chemical Society
http://portal.acs.org/portal/PublicWebSite/funding/grants/prf/programs/dni/index.htm
Contact: Varies with research interest

Solicitation number:

These grants provide start-up funding for scientists and engineers who are within the first three years of their first academic appointment at the level of Assistant Professor or the equivalent. Applicants may have limited or no preliminary results for a research project they wish to pursue, with the intention of using the preliminary results obtained to seek continuation funding from other agencies. The DNI grants are to be used to illustrate proof of principle or concept, to test a hypothesis, or to demonstrate feasibility of an approach. The award amount is $100K over two years.

The Cultural Exchange Fund

The Andrew W. Mellon Foundation
http://www.apap365.org/KNOWLEDGE/GrantPrograms/Pages/CEF3.aspx
Contact: Laura Benson, 202/207-3852, LBenson@ArtsPresenters.org

Solicitation number:

The Cultural Exchange Fund (CEF) is a travel subsidy program to assist U.S. based presenting professionals and their organizations and companies in building partnerships and collaborations with international touring artists, companies and their collaborators, and to experience the work of artists from around the world in its cultural context. The Association of Performing Arts Presenters (APAP) strongly encourages but does not limit travel to the following regions: the Middle East, Asia, Latin America and Africa. All applicants must be active members of the APAP. 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.
AFSP Research Grants
The American Foundation for Suicide Prevention
http://www.afsp.org/index.cfm?page_id=0535FDA2-FA7D-AAE8-D7A9A6BFFE3574B
Contact: grantsmanager@afsp.org
Solicitation number:
AFSP research grants support studies that aim to increase understanding of the causes of suicide and factors related to suicide risk, or to test treatments and other interventions designed to prevent suicide. Investigators from all academic disciplines are eligible to apply. AFSP offers six types of research grants: Distinguished Investigator Grants ($100K over two years) are awarded to investigators at the level of associate professor or higher with a record of research and publication on suicide; Standard Research Grants ($75K over two years) are awarded to individual investigators at any level; Linked Standard Research Grants for three or more sites ($225K over two years) are awarded to investigators at any level; Young Investigator Grants ($85K over two years) are awarded to investigators at the level of assistant professor or lower; Postdoctoral Research Fellowships ($100K over two years) are awarded to investigators who have received a doctoral degree within the preceding six years and have not had more than three years of fellowship support; Pilot Grants ($30K over one or two years) are awarded to investigators at any level.

The Sociological Initiatives Foundation
The Sociological Initiatives Foundation
http://www.sifoundation.org/?page_id=2
Contact: Prentice Zinn, 617/391-3091, pzinn@gmafoundations.com
Solicitation number:
The Sociological Initiatives Foundation was established to support research that furthers social change, including language learning and behavior and its intersection with social and policy questions. The Foundation supports projects that address institutional rather than individual or behavioral change. It seeks to fund research and initiatives that provide insight into sociological and linguistic issues that may be useful to specific groups and or communities. Grant sizes normally range from $10K to $20K.

Summer Short-Term Research Publication Grants
American Association of University Women (AAUW)
http://www.aauw.org/learn/fellowships_grants/american.cfm
Contact: 319/337-1716, aauw@act.org
Solicitation number:
Summer/Short-Term Research Publication Grants of $6K fund women college and university faculty and independent researchers to prepare research for publication. The grants are intended for tenure-track, part-time, or temporary faculty or new or established scholars and researchers at universities.

Grand Challenges Explorations (GCE) Round 8
Bill & Melinda Gates Foundation
http://www.grandchallenges.org/Explorations/Pages/ApplicationInstructions.aspx
Contact: grandchallenges@gatesfoundation.org
Solicitation number:
Grand Challenges Explorations (GCE) supports early-stage research projects in global health research with an innovative approach that is responsive to the topic. Topics for Round 8 are: Protect Crop Plants from Biotic Stresses From Field to Market; Design New Approaches to Optimize Immunization Systems; Explore New Solutions for Global Health Priority Areas; Explore Nutrition for Healthy Growth of Infants and Children; and Apply Synthetic Biology to Global Health Challenges. The grant program is open to anyone from any discipline, from student to tenured professor, and from any organization. Phase I grants of $100K are awarded initially; successful projects have an opportunity to receive a follow-on Phase II grant of up to $1M. 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.
### Small Research Grants

American Astronomical Society


Contact: Rick Fienberg, Rick.Fienberg@aas.org

Solicitation number:

The purpose of these grants is to cover costs associated with any type of astronomical research. This program is open to both US and international astronomers with a PhD or equivalent. Acceptable expenses are those normally associated with research: computing costs; equipment purchases, upgrades, and repairs; equipment transport/shipping; travel (including student travel) to observatories and/or scientific meetings, but not AAS meetings; and page charges. Awards range from $1K to $7K.

11/30/2011 Nomination Deadline

### Dan David Prize

Dan David Foundation

[http://www.dandavidprize.org/](http://www.dandavidprize.org/)

Contact:

Solicitation number:

Three prizes of $1M each are annually awarded for achievements having an outstanding scientific, technological, cultural or social impact on our world. Selected fields for 2012 are history/biography, plastic arts, and genome research. Nominees for the Dan David Prize may be individuals or organizations. Specific and unique projects may be included if the head of the project is a nominee. Self-nominations are not accepted.

12/1/2011 Application

### International Collaborative Research Grants

The Wenner-Gren Foundation

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

Contact: internationalprograms@wennergren.org

Solicitation number:

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

12/2/2011 Full Proposal

### Documentary Films

The John D. and Catherine T. MacArthur Foundation


Contact: Elspeth Revere, erevere@macfound.org

Solicitation number:

The program seeks to fund documentary film projects that address the significant social challenges of our time or explore important but under-reported topics. Domestic and international topics are welcome; preference will be given to projects that align with one of MacArthur’s grantmaking areas. Support will be provided primarily for production and post-production activities (though some of the funds may be used for pre-production or outreach activities). Documentary stories that will be told both in film and a second medium are especially encouraged. The typical MacArthur documentary film grant is $100K to $200K. 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 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.

California Mathematics and Science Partnership

California Department of Education
http://www.cde.ca.gov/fg/fo/profile.asp?id=2041

Contact: Lisa Fassett, 916/323-4963, lfassett@cde.ca.gov

Solicitation number:

The California Mathematics and Science Partnership (CaMSP) program seeks to establish Demonstration Centers for up to $250K to support currently funded and potential CaMSP applicants. CaMSP will also fund new partnerships for up to $1M to improve the academic achievement of students in mathematics and science. The focus is to create opportunities for enhanced and ongoing professional development for mathematics teachers (grade three through Algebra 1) and science teachers (grades three through eight). The essential partnership is between an eligible local educational agency (LEA) and eligible departments of institutions of higher education (IHE). Only local educational agencies (LEAs) who meet the 40 percent free and reduced lunch criteria may apply as a lead partner for a Demonstration Center or a Cohort 9 partnership.

UC MEXUS Grants

UC Institute for Mexico and the United States (UC MEXUS)
http://www.ucmexus.ucr.edu/funding/grant_faculty.html

Contact: Andrea Kaus, 951/827-3586, andrea.kaus@ucr.edu

Solicitation number:

UC MEXUS announces a competition for funding of projects conducted by UC researchers or research teams in all disciplines in the areas of Mexico-Related Studies, Latino Studies, United States-Mexican Relations, Critical U.S.-Mexico Issues, Latino and Mexican Topics in the Arts & Humanities, and Collaborative Research Projects with Investigators at Mexican Institutions. The competition is intended to provide seed funds for new or developing projects. Awards of up to $15K will be provided for the one-year period.
California Story Fund - Limited Submission

California Council for the Humanities (CCH)

Contact: Felicia Kelly, 213/346-3234, fkelley@calhum.org

Solicitation number:
The CCH seeks proposals for story-based projects that are informed by humanities perspectives, methods, and content; that reveal the realities of California and its cultures, peoples, and histories; and that will be of interest to local, statewide, and potentially even national and global audiences. For this round of the California Story Fund, applicants are strongly encouraged (but not required) to submit proposals that will examine the meaning of democracy in alignment with the Searching for Democracy initiative. Applicants may request up to $10K, which must be matched by at least an equivalent contribution of non-federal funds or in-kind services and materials or any combination thereof. This is a limited submission opportunity. Please see http://www.research.ucsb.edu/funding/LimitedSubmission.aspx for campus procedures.

Harvey L. Karp Discovery Award

UC Santa Barbara
http://www.science.ucsb.edu/announcements/2011_harvey_l_karp_discovery_award_application

Contact: Tracy Daggett, 805/893-7217, tdaggett@LTSC.ucsb.edu

Solicitation number:
All faculty members in the Division of Mathematical, Life, and Physical Sciences (MLPS) are invited to nominate a postdoctoral fellow for this prestigious award that provides seed funding to support his/her innovative, cutting-edge research, that might be considered too risky by agencies such as 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. Domestic and international postdocs may apply for the $48K award. Application packages should include a proposal of suggested research no more than three pages long, a curriculum vita, and two letters of recommendation.

Projects in Spinal Cord Injury & Axon Regeneration Research

Reeve-Irvine Research Center
http://www.reeve.uci.edu/roman-reed-research-grants.html

Contact: Suzy Kim, rirc@uci.edu

Solicitation number:
Applications are invited for innovative, high-impact research projects focusing on spinal cord injury or axon regeneration. PIs must be faculty members of the University of California. Three types of projects will be considered: 1) Individual or collaborative research projects that focus on spinal cord injury; 2) Collaborative projects for which the animal component of the work would be carried out at the Roman Reed Core laboratory at UCI; and 3) New, innovative projects with minimal/no preliminary data and a funding cap of $75K. The requested budget should not exceed $100K unless it is for a multi-investigator project or a unique resource research community.

UC MEXUS Small Grants

UC Institute for Mexico and the United States (UC MEXUS)
http://ucmexus.ucr.edu/funding/grant_small.html

Contact: Andrea Kaus, 951/827-3586, andrea.kaus@ucr.edu

Solicitation number:
Small grants support travel, short-term research, initial planning, or other special one-time needs related to the seed phase of projects or programs conducted by UC researchers or research teams in the areas of: Mexico-Related Studies; Latino Studies; United States-Mexican Relations; Critical U.S.-Mexico Issues; Latino and Mexican Topics in the Arts; and Collaborative Research Projects with Investigators at Mexican Institutions. Awards of up to $1.5K for one year are available for the February and October competitions. The summer competition in June will provide awards up to $3K.
Production Grants and Research and Development Grants

California Council for the Humanities (CCH)

http://www.calhum.org/guidelines/guidelines_cdp.htm

Contact: 415/391-1474, info@calhum.org

Solicitation number:

The California Documentary Project (CDP) supports film, radio, and new media projects that document the California experience and explore issues of significance to Californians. Projects must approach subject matter from a humanities perspective, enhance our understanding of California and its cultures, peoples and histories, and be suitable for California and national audiences. CDP Production grants are designed to strengthen the humanities content and approach of documentary media productions and help propel projects toward completion. Eligible projects may apply for funding up to $50K (film and radio) or $20K (new media). CDP Research and Development grants are designed to strengthen the humanities content and approach of documentary media productions in their earliest stages. Eligible projects may apply for funding up to $7K.

Energy Innovations Small Grant Program

California Energy Commission

http://www.energy.ca.gov/contracts/smallgrant/index.html

Contact: 619/594-1049, eisg@projects.sdsu.edu

Solicitation number:

The California Energy Commission funds energy research, development and demonstration (RD&D) projects related to electricity, natural gas, or transportation. A maximum of $95K for hardware projects requiring physical testing and $50K for modeling projects is available per grant project.

2011 Cottage Hospital - UCSB Special Research Award

Santa Barbara Cottage Hospital


Contact: Betsy Lazarine, 805/569-7436, blazarin@sbch.org

Solicitation number:

This award for research with biomedical or biopsychological implications will be granted to the UCSB investigator who, in the Research Committee’s determination, most closely meets the evaluation criteria as set out for this program. Special consideration will be given to junior investigators. The Research Committee will consider with particular interest those proposals with clear medical significance, and that actively involve medical professionals associated with Cottage Health System (although this is not a requirement for this award). The total award of $25K will include matching funds from the Santa Barbara Cottage Hospital Research Grant Program and UCSB Office of Research. As with all small grants from the Research Grant Program to University of California investigators, there are no indirect costs associated with these funds. Applications must be received by UCSB Sponsored Projects Office no later than Monday, October 12, 2011. The award will be funded during the fall of 2011.

UC Working Groups on the Humanities and Changing Conceptions of Work

University of California Humanities Research Institute (UCHRI)

http://uchumanitiesnetwork.org/content/uc-working-groups-humanities-and-changing-conceptions-work

Contact: Jennifer Langdon, jelangdon@hri.uci.edu

Solicitation number:

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. Proposals should identify a specific question, topic, approach, methodology, etc. that addresses or amplifies larger questions around the humanities and work, such as those suggested above. Up to four Working Groups will be funded at a maximum of $25K per group (including $10K for graduate support).
Community Research Collaborations
California Breast Cancer Research Program
http://www.cbcrp.org/apply/call/
Contact: Senaida Fernandez, 888/313-2277, crcinfo@cabreastcancer.org
Solicitation number:
The Community Research Collaboration (CRC) awards fund community organizations—such as a breast cancer advocacy organizations, community clinics, and other organizations serving women with breast cancer—to work in teams with well-trained, experienced research scientists. Two CRC funding mechanisms are available: The CRC Pilot award supports the initial phase of the project, which includes strengthening collaborations, developing feasible methods and tools, and collecting pilot data. Awards are for 18 months maximum with a budget cap of $150K direct costs. The CRC Full award funds projects with a fully developed research plan and supporting preliminary data, carried out by a well-integrated, experienced team of scientists and community members. Awards are for three years maximum with a budget cap of $600K direct costs.

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

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