

UM-St. Louis Office of Research Administration
Funding Opportunities: Federal Agencies

JULY 2009

This report contains a sampling of new/updated funding opportunity announcements issued by U.S. federal agencies that were posted in the previous month. For additional opportunities, visit

- Grants.gov (<http://www.grants.gov>)
- InfoEd (<http://www1.infoed.org/>)
- UMSL Internal Awards program (<http://www.umsl.edu/services/ora/sponsored-projects/internal.html>)

Special Note:

*Brief descriptions are given for opportunities with close dates 30+ days out. **ARRA projects are highlighted in yellow.***

DEPARTMENT OF COMMERCE (DOC)

Close Date	Opportunity
09/30/2010	<p>Economic Development Assistance Programs</p> <p>Under this announcement, EDA solicits applications for the following programs under PWEDA: (i) Public Works; (ii) Planning; (iii) Local Technical Assistance; and (iv) Economic Adjustment Assistance. EDA will provide Public Works investments to support the construction or rehabilitation of essential public infrastructure and facilities necessary to generate or retain private sector jobs and investments, attract private sector capital, and promote regional competitiveness, including investments that expand and upgrade infrastructure to attract new industry, support technology-led development, accelerate new business development, and enhance the ability of regions to capitalize on opportunities presented by free trade. The Planning Program helps support planning organizations, including District Organizations and Indian Tribes, in the development, implementation, revision or replacement of comprehensive economic development strategies (CEDs), and for related short-term planning investments and State plans designed to create and retain higher-skill, higher-wage jobs, particularly for the unemployed and underemployed in the nation's most economically distressed regions. The Local Technical Assistance Program helps fill the knowledge and information gaps that may prevent leaders in the public and nonprofit sectors in economically distressed regions from making optimal decisions on local economic development issues. The Economic Adjustment Assistance Program provides a wide range of technical, planning and infrastructure assistance in regions experiencing adverse economic changes that may occur suddenly or over time. This program is designed to respond flexibly to pressing economic recovery issues and is well suited to help address challenges faced by U.S. communities and regions.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=48106&flag2006=false&mode=VIEW</p>

DEPARTMENT OF DEFENSE (DOD)

DOD: Department of the Army (USAMRAA)

Close Date	Opportunity
12/09/2009	<p>DOD Peer Reviewed Cancer Research Program Mentor-Predocctoral Fellow Research Award</p> <p>The FY09 PRCRP Mentor-Predocctoral Fellow Research Award mechanism is designed to promote new ideas that are still in the early stages of development while training outstanding candidates in the topic area of noninvasive cancer ablation treatment research including selective targeting with nanoparticles. The research should have the potential to yield highly impactful data and new avenues of investigation in the PRCRP topic area of noninvasive cancer ablation treatment research including selective targeting with nanoparticles. No other topic areas will be allowed. Proposals must not address breast, prostate, or ovarian cancer research. This mechanism supports conceptually innovative research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of noninvasive cancer ablation treatment including selective targeting with nanoparticles. Research projects should include a well-formulated, testable hypothesis based on strong scientific rationale. Mentored training of an outstanding Predocctoral fellow is an important aspect of this award, and inclusion of a Predocctoral Fellow is a requirement. Preliminary data are not required. However, research projects should include a well formulated, testable hypothesis based on a strong scientific rationale.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=48100&flag2006=false&mode=VIEW</p>

DOD: Office of Naval Research (ONR)

Close Date	Opportunity
08/27/2009	<p>Fundamentals of Cyberspace and Software</p> <p>ONR is interested in receiving proposals for basic scientific research that will forge major advances in software, software engineering, networks, cyber-physical systems, social networks and critical infrastructures, all of which are profoundly interrelated. The research supported under this program will address new and emerging challenges for the future naval information infrastructure, which is expected to be a federated enterprise that is highly mobile, extremely heterogeneous, dynamic, non-stop, large-scale, globally connected, supporting world wide operations, and operating over many different networks. This infrastructure is vast and extends across networks of interacting systems, defined as cyber-physical systems for the purposes of this BAA.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=47935&flag2006=false&mode=VIEW</p>
10/23/2009	<p>Flight Deck Thermal Management</p> <p>This research opportunity is soliciting alternatives to heat pipes for arresting the thermal impact from the exhaust plumes of new and impending aircraft on amphibious ships. Both above deck and below deck thermal management systems are being solicited. The objective is to develop systems that offer both above and below-deck options, are cost-effective to install or maintain, and last the service life of the ship. Deck thermal management systems should be capable of</p>

	<p>mitigating a heating rate of 16,000 to 24,000 BTU/minute and a total heat load capacity of 48,000 BTU to 2.2 MBTU over a time period. Critical thermal management technologies are to: spread, conduct, and/or dissipate heat with minimal thickness and minimal weight impact; comply within deck-height/flight operations constraints and horizontal configuration; carry structural load and meet survivability 4 requirements; integrate with ship structures; be installable in a shipyard environment; avoid generation of debris/products causing foreign object damage debris; and be compatible with Navy non-skid coatings.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48069&flag2006=false&mode=VIEW</p>
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DEPARTMENT OF EDUCATION (ED)

Close Date	Opportunity
08/03/2009	<p>Special Focus Competition: College Course Materials Rental Initiative</p> <p>The Fund for the Improvement of Postsecondary Education (FIPSE) supports innovative grants and cooperative agreements to improve postsecondary education. It supports reforms, innovations, and significant improvements of postsecondary education that respond to problems of national significance and serve as national models. Under the FIPSE Program, the Secretary may make grants for special projects concerning areas of national need.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48011&flag2006=false&mode=VIEW</p>
08/04/2009	<p>Special Focus Competition: Innovative Strategies in Community Colleges for Working Adults and Displaced Workers</p> <p>The Fund for the Improvement of Postsecondary Education (FIPSE) supports innovative grants and cooperative agreements to improve postsecondary education. It supports reforms, innovations, and significant improvements of postsecondary education that respond to problems of national significance and serve as national models. Under the FIPSE Program, the Secretary may make grants for special projects concerning areas of national need.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47823&flag2006=false&mode=VIEW</p>

DEPARTMENT OF ENERGY (DOE)

Close Date	Opportunity
07/21/2009	<p>Recovery Act: Energy Efficient Information and Communication Technology</p> <p>The energy used by our nation's vital telecommunications and data centers is growing at an alarming rate. As information technology and communications services continue to slowly converge, the data center and telecommunications industries face increasingly similar challenges to control the power usage of their microprocessors or servers and supporting power and cooling systems. The electricity consumed in data centers and telecom systems is already three percent of the U.S. total and growing rapidly. In the face of growing global energy demand, uncertain energy supplies, and volatile energy prices, innovative solutions are needed to radically advance the energy efficiency of these systems, which represent the engine of the American economy today. Enhanced energy efficiency in the central</p>

	<p>offices and data centers supporting our information, communications technology (ICT) systems will enhance U.S. energy and economic security. This Funding Opportunity Announcement seeks to develop new technologies to dramatically improve energy efficiency in ICT with an the emphasis on new technologies that can be commercialized within the next three to five years, and to demonstrate through field testing highly energy efficient, emerging technologies that are ready for or are in the initial stage of commercial introduction.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47742&flag2006=false&mode=VIEW</p>
08/06/2009	<p>Recovery Act: Large Wind Turbine Drivetrain Testing Facility</p> <p>This Funding Opportunity Announcement is for the design and construction of a large dynamometer facility for testing 5 to 15 MW rated drivetrains, with supporting systems, and the operation and maintenance of these facilities for the benefit of wind stakeholders nationwide. The proposed facility can be new construction or involve the design and modification of an existing building suitable for electrical, mechanical, and other physical needs associated with a dynamometer test stand. Overhead cranes, access doors, and other facility infrastructure suitable for accommodating associated components and equipment will be required. It is envisioned that the facility will include sufficient office space for permanent staff and visiting users as well as conference rooms, lunch room, restrooms, computer stations, etc. Applicants will be required to submit detailed multi-phase plans including concept designs, preliminary designs, engineering procurement and construction contract management, and operation and maintenance. DOE envisions awarding a single \$45 Million financial assistance grant award on a competitive basis. This \$45 million program is to assist in the design and construction of an accredited dynamometer testing facility capable of performing Highly Accelerated Life Testing (HALT) of 5 to 15MW rated wind turbine drive trains and generators, including all required supporting systems. As HALT is assumed to require at least a 30% overload in the rated torque of the test article, the dynamometer facility will require a minimum capacity of 20MW to support testing of a 15MW rated drivetrain. The facility should incorporate features to accommodate large direct drive generators in addition to generator/gearbox drivetrain configurations. In addition, the capability to simultaneously impart dynamic and/or steady off-axis loads (bending, radial and axial loads) to the low speed shaft of the test article will be required. It is anticipated that the facility will incorporate multiple test bays, permitting simultaneous, independent testing of two 7.5MW rated drivetrains. It is expected that the test bay dynamometers would be coupled to obtain a single test capability of up to 15MW rated drivetrains. The facility should incorporate the necessary electrical infrastructure to permit interconnection of the test article at all common system operating voltages. The facility should also be capable of testing generator system response to grid anomalies and for grid code compliance. Independent accreditation of the facility to conduct certification testing in accordance with applicable wind turbine design standards will be required.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48091&flag2006=false&mode=VIEW</p>

08/06/2009	<p>Recovery Act - Geothermal Technologies Program: Ground Source Heat Pumps</p> <p>Through this FOA, DOE seeks to increase the deployment of ground source heat pumps through new commercialization strategies that incorporate: 1) innovative commercial-scale or residential community technology demonstration projects; 2) data gathering and analysis related to system costs, performance, and installation techniques; and 3) a national GHP certification standard. DOE's objective is to promote ground source heat pumps via the following three Topic Areas: 1. Technology Demonstration Projects: Mid- or large-scale (i.e. provide 50-100 tons of heating and/or cooling) cost-shared technology demonstration projects that incorporate innovative business and financing strategies and/or technical approaches designed to overcome commercialization barriers that currently exist for GHPs. 2. Data Gathering and Analysis: Data gathering and analysis research papers related to system costs, performance, and installation techniques, which will provide insights into the lowest life-cycle cost applications for GHPs and assist consumers in determining project feasibility. 3. National Certification Standard: A national certification standard for the GHP industry designed to increase consumer confidence in the technology, reduce the potential for improperly installed systems, and assure product quality and performance. See the full Funding Opportunity Announcement for a detailed description of these Topic Areas.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47731&flag2006=false&mode=VIEW</p>
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DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS)

HHS: National Institutes of Health (NIH)

Close Date	Opportunity
08/25/2009	<p>Mentored Career Development Award to Promote Faculty Diversity/Re-Entry in Biomedical Research (K01)</p> <p>This FOA solicits applications to increase the number of highly trained investigators, from diverse backgrounds or who have experienced an interruption in their research careers, whose basic and clinical research interests are grounded in the advanced methods and experimental approaches needed to solve problems related to cardiovascular, pulmonary, hematologic, and sleep disorders in the general and health disparities populations. This FOA is a three-to-five-year award to support faculty members who are currently underrepresented on faculty at academic institutions in health-related research on a national or institutional basis, such as individuals from underrepresented racial and ethnic groups, individuals with disabilities, individuals from disadvantaged backgrounds or individuals who have experienced an interruption in their research careers.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48125&flag2006=false&mode=VIEW</p>
09/23/2009	<p>Partnerships for Biodefense Viral Pathogens (R01)</p> <p>This FOA invites research applications for projects that support development of new therapeutics, immunotherapeutics or medical diagnostics for NIAID Category A, B, or C viral pathogens.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48104&flag2006=false&mode=VIEW</p>

09/23/2009	<p>Partnerships for Biodefense Food- and Water-borne Diseases (R01)</p> <p>This FOA invites research applications for projects that support development of therapeutics, immunotherapeutics, medical diagnostics and broad-spectrum vaccines for NIAID Category B food- and water-borne priority pathogens and toxins.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=48105&flag2006=false&mode=VIEW</p>
10/01/2009	<p>Medical Rehabilitation Research Resource (R24)</p> <p>This FOA solicits grant applications from institutions/organizations that propose to build research infrastructure for medical rehabilitation. The aim of this FOA is to create a national network of research cores that provide access to collateral expertise in biomedical, behavioral, and/or psychosocial fields that are particularly relevant to medical rehabilitation research. Applicants should propose a program of research resources and collaborative opportunities in a specific content area. This may be accomplished through a combination of didactic interactions (workshops, courses, written material, and websites), consultations, and pilot funding. In addition, the research core may support intramural activities related to technique development, adaptation, and validation.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=48108&flag2006=false&mode=VIEW</p>
10/20/2009	<p>Identification and Characterization of Sensitive Periods for Neurodevelopment in Studies of Mental Illness (R01)</p> <p>This FOA solicits research grant applications from institutions/organizations that propose to investigate the role of sensitive periods (i.e., periods during which the developing brain is maximally sensitive to environmental influences that confer risk or resilience) in the development of cognitive or affective function and behaviors relevant to mental health disorders. In particular, applications may address sensitive periods in the development of normal function or psychopathology, sensitive periods for intervention to prevent, pre-empt, and/or treat mental illness, and the mechanisms underlying the interaction between genetics, experience, and development.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=48017&flag2006=false&mode=VIEW</p>
12/01/2009	<p>Dissecting the Early HIV Immune Response: A Systems Biology Approach (P01)</p> <p>This FOA solicits Program Project Grant (P01) applications that propose systems biology analyses of early immune responses to HIV/SIV exposure or infection. The goal of the HIV Systems Biology Program is to gain a more comprehensive understanding of networks or interacting components in early immune responses to HIV/SIV in order to predict systems behavior that informs the outcome of HIV/SIV exposure or infection.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=47725&flag2006=false&mode=VIEW</p>
11/23/2011	<p>Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21)</p> <p>This FOA invites applications from investigators from diverse populations with interest in research projects focused on the basic biology of cancer. The NIH recognizes a unique and compelling need</p>

	<p>to promote diversity in the basic biology of cancer research workforce. The purpose of this FOA is to improve the diversity of the research workforce by supporting and recruiting eligible investigators from groups that have been shown to be underrepresented. This initiative will also provide a bridge to investigators that have completed their training and may need extra time to develop a full RO1 proposal. The NCI expects efforts to diversify the workforce to lead to the recruitment of the most talented researchers from all groups; to balance and broaden the perspective in setting research priorities; and to increase basic cancer researchers from diverse backgrounds.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47886&flag2006=false&mode=VIEW</p>
12/21/2011	<p>Cutting-Edge Basic Research Awards (CEBRA) (R21)</p> <p>The CEBRA is designed to foster highly innovative or conceptually creative research related to drug abuse and addiction and how to prevent and treat them. It supports research that is high-risk and potentially high-impact that is underrepresented or not included in NIDA's current portfolio. The proposed research should: (1) test a highly novel and significant hypothesis for which there is scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; and/or (2) develop or adapt innovative techniques or methods for addiction research, or that have promising applicability to drug abuse research.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48117&flag2006=false&mode=VIEW</p>
01/13/2012	<p>NHLBI Systems Biology Collaborations (R01)</p> <p>This FOA encourages Research Project Grant (R01) applications from institutions/organizations that propose collaborative systems biology research projects by multi-disciplinary teams to advance our understanding of normal physiology and perturbations associated with heart, lung, blood, and sleep (HLBS) diseases and disorders. Multi-disciplinary expertise across experimental and computational domains is required and the multi-PI mechanism is allowed, as integration across these domains is a critical element of the proposed research plan.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47937&flag2006=false&mode=VIEW</p>
04/19/2012	<p>Feasibility Studies for Collaborative Interaction for Minority Institution/Cancer Center Partnership (P20)</p> <p>The National Cancer Institute (NCI) invites applications for linked awards using the NIH P20 funding mechanism and intended for feasibility studies to assist researchers and faculty at Minority-Serving Institutions (MSIs) establish collaborative partnerships with the researchers and faculty of NCI-designated Cancer Centers (or other institutions with highly-organized, integrated research efforts focused on cancer). This FOA is designed to facilitate planning and implementation of focused collaborations in cancer-related research, training, career development, education, and/or outreach. The sole intent of the P20 partnership awards is to provide support for cancer projects and programs for limited durations of time to perform feasibility studies and obtain preliminary data that will lead to the submission of specific competitive grant applications.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47895&flag2006=false&mode=VIEW</p>

09/07/2012	<p>Biomarkers for Early Detection of Hematopoietic Malignancies (R01)</p> <p>This FOA encourages research grant applications from institutions for the development and validation of biomarkers for: a) early detection, prediction of progression, and recurrence of hematopoietic malignancies, especially in high-risk individuals; and, b) for risk assessment of primary and secondary hematopoietic malignancies. This FOA also encourages the development and improvement of specific technologies and methods for quantitative detection of novel biomarkers associated with hematopoietic malignancies.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47683&flag2006=false&mode=VIEW</p>
09/07/2012	<p>Identifying Non-coding RNA Targets for Cancer Early Detection and Prevention (R01)</p> <p>This FOA encourages research grant applications from institutions/ organizations on the discovery and characterization of non-coding (nc) RNAs in preneoplasias and early stage cancers to: 1) improve early cancer detection, intervention, and prevention; 2) predict risk of progression from preneoplasia to cancer, and 3) distinguish benign lesions from precancerous lesions.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47686&flag2006=false&mode=VIEW</p>
09/07/2012	<p>Bioenergetics, Fatigability, and Activity Limitations in Aging (R01)</p> <p>This FOA encourages Research Project Grant (R01) applications proposing to study bioenergetic factors underlying increased fatigability and activity limitations in aging. Increased fatigability is a significant cause of restricted physical and cognitive activity in older adults. Alterations in bioenergetics the production and utilization of energy, and the regulation of these processes may contribute significantly to increased fatigability. This FOA encourages applications that propose to 1) elucidate specific alterations in bioenergetics related to increased fatigability and activity limitations; 2) develop and evaluate improved measures of fatigability related to bioenergetics; 3) evaluate interventions for increased fatigability and activity limitations that target alterations in bioenergetics and lead to improved quality of life.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47756&flag2006=false&mode=VIEW</p>
09/07/2012	<p>Advances in Polycystic Kidney Disease (R01)</p> <p>The NIDDK invites experienced and new investigators to submit research grant applications to pursue basic and applied investigations in order to better understand the etiology and pathogenesis of Polycystic Kidney Disease (PKD), in both its autosomal dominant and autosomal recessive forms. The intent of this funding opportunity is to intensify investigator-initiated research, to attract new investigators to the field, and to increase interdisciplinary research. The ultimate aim is to facilitate PKD-related research studies, which will provide the basis for new therapeutic approaches.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47765&flag2006=false&mode=VIEW</p>
09/07/2012	<p>Development and Validation of Disease Biomarkers (R01)</p> <p>This FOA will provide resources to validate candidate biomarkers for well-defined human diseases of the liver, kidney, urological tract, and</p>

	<p>digestive and hematologic systems, as well as endocrine and metabolic disorders, diabetes and its complications, and obesity, for which there are no or very few biomarkers, or for which standard biomarkers are currently prohibitively invasive or expensive. A biomarker is an indicator of a disease process, and could replace hard clinical end points as a measure of the effect of new therapies. Appropriate studies will validate candidate biomarkers in well-defined patient populations, provide new technologies to monitor biomarkers or establish reliable assays for validated markers. Progress in this area has the potential to advance translational research related to efficacy of treatments and bio-behavioral interventions. This FOA is not appropriate for biomarker discovery projects.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47798&flag2006=false&mode=VIEW</p>
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ENVIRONMENTAL PROTECTION AGENCY (EPA)

Close Date	Opportunity
11/16/2009	<p>Clean Air Research Centers</p> <p>The EPA is seeking applications for Clean Air Research Centers. EPA is interested in supporting research on the health effects of exposure to particulate matter (PM), ozone, and other air pollutants, both singly and in multipollutant atmospheres. Priority research areas include: explaining regional and temporal differences in air pollution risk; determining the origins and transformations of multipollutant atmospheres and their constituents; defining exposure/concentration-response relationships; assessing susceptibility; understanding PM effects in a multipollutant context; and developing greater understanding of PM and ozone health effects. EPA is seeking proposals for integrated, multidisciplinary research centers that will advance understanding air pollution and human health effects.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47876&flag2006=false&mode=VIEW</p>

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

Close Date	Opportunity
11/06/2009	<p>AMENDMENT 8: ESSP VENTURE-CLASS SCIENCE INVESTIGATIONS: EARTH VENTURE-1</p> <p>This Earth Venture-1 program element within the ROSES-09 NASA Research Announcement solicits proposals for complete suborbital science investigations to conduct innovative, integrated, hypothesis or scientific question-driven approaches to Earth system science, involving temporally sustained data acquisition. For the purpose of this solicitation, a suborbital investigation is one that uses airborne data acquisition systems that may be augmented by surface and/or subsurface facilities. Each suborbital Venture-class investigation must have a life cycle of less than or equal to 5 years and total investigation cost not to exceed \$30 million.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48118&flag2006=false&mode=VIEW</p>

NATIONAL ARCHIVES AND RECORDS ADMINISTRATION (NARA)

Close Date	Opportunity
10/06/2009	<p>Archives - Basic Projects</p> <p>The National Historical Publications and Records Commission seeks proposals for fundamental archival activities that promote the preservation and use of America's documentary heritage. Proposals must demonstrate how the applicant employs the best and most cost-effective archival methods. Activities included under Basic Projects may be any one or combination of the following: *Basic Processing; *Preservation Planning; *Collections Development; and *Establishing Archives. Although projects focused exclusively on professional development are not eligible in this grant category, we strongly encourage each application to include professional development components necessary for the success of the project.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=47815&flag2006=false&mode=VIEW</p>
10/06/2009	<p>Archives- Detailed Processing Projects</p> <p>The National Historical Publications and Records Commission seeks proposals for detailed processing and preservation of collections of national significance. The collections also should have high research demand or substantial preservation challenges. Applicants must have virtually all of their collections processed sufficiently so that researchers can find them, and they must have procedures in place to prevent the creation of new backlogs. If archives have not achieved these goals, they should review the Archives - Basic Projects grant announcement. In general, proposals should describe how the repository will process and create detailed descriptions at the series or file level. In the course of such processing, some selective refolding and basic cleaning may be needed, and applicants must explain whether any item level treatment will be necessary, including removing fasteners, opening envelopes, and flattening, copying, encapsulating, de-acidifying, and mending documents. Projects should revise corresponding collection-level records and submit them to national library catalogs. In general, they should also create or revise detailed finding aids using Encoded Archival Description (EAD) and provide them to a national archival database and appropriate regional and institutional databases. If other search mechanisms, descriptive methods, or name indexes are necessary for parts of collections, applicants should explain the reasons for creating these tools.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=47837&flag2006=false&mode=VIEW</p>
10/06/2009	<p>Professional Development Grants for Archives and Historical Publishing</p> <p>The National Historical Publications and Records Commission seeks proposals to improve the training and education of professionals in the archival and historical publishing communities. Projects can be for professional education curriculum development; for basic and advanced institutes; or research seminars. Surveys, focus groups, and other activities to understand these professions and their educational and training needs are also eligible. This program does not support requests from individuals for their own training, education, or professional advancement.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppId=47989&flag2006=false&mode=VIEW</p>

10/06/2009	<p>Publishing Historical Records</p> <p>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, reform movements, the arts, and other aspects of the national experience. The historical value of the records and their expected usefulness to broad audiences must justify the costs of the project. Grants are awarded for collecting, describing, preserving, compiling, editing, and publishing documentary source materials.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47990&flag2006=false&mode=VIEW</p>
10/06/2009	<p>Strategies and Tools for Archives and Historical Publishing Projects</p> <p>The National Historical Publications and Records Commission seeks proposals to develop new strategies and tools that can improve the preservation, public discovery, or use of historical records. Projects may also focus on techniques and tools that will improve the professional performance and effectiveness of those who work with such records, such as archivists, documentary editors, and records managers. Projects concerning records may focus on methods of working with any format including born-digital records. Publishing of historical records must focus on methods of presenting archival records as primary sources.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47991&flag2006=false&mode=VIEW</p>
10/06/2009	<p>Historical Editing Fellowships</p> <p>The National Historical Publications and Records Commission seeks proposals from active NHPRC-supported publications projects to serve as a host institution for a Historical Documentary Editing Fellowship. Applicants should demonstrate the capability to provide strong post-graduate training in documentary editing, including document collection, accessioning, and control; selection; transcription; annotation; proofreading; indexing; and project management. Staff at the host institution will solicit applicants, select the best candidate, and arrange for their hiring by their institution. The Commission provides this funding to ensure that recent History Ph.D.s or advanced graduate students have exposure to historical editing techniques and careers. The host institution may use a limited amount of funds to cover costs of recruiting a fellow and giving the fellow travel and educational opportunities.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=47839&flag2006=false&mode=VIEW</p>
03/04/2010	<p>State and National Archival Partnership (SNAP) Grants</p> <p>The National Historical Publications and Records Commission seeks proposals to strengthen archives and historical records programs in each of the states and build a national archival network. The Commission awards grants to State Historical Records Advisory Boards to:</p> <ul style="list-style-type: none"> *Provide statewide archival services, including professional education, public information about records and archival programs, and other activities to implement state plans. *Operate grant programs for eligible archives, manuscript repositories, and other organizations within a state. *Collaborate on projects with other organizations to address common problems or shared opportunities within a state or among a consortium of state archives. *Assess the

	<p>health of archival and records programs, the conditions of records, and the challenges and opportunities facing historical records keepers and users; and to implement strategies and programs to address pressing archival issues. *Hold meetings and public forums on statewide or national archival issues. *Participate in national archival organizations.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppld=47840&flag2006=false&mode=VIEW</p>
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NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH)

Close Date	Opportunity
08/26/2009	<p>America's Historical and Cultural Organizations: Planning Grants</p> <p>Planning grants are available for projects that may need further development before applying for implementation. This planning can include the identification and refinement of the project's main humanities ideas and questions, consultation with scholars in order to strengthen the humanities content, preliminary audience evaluation, preliminary design of the proposed interpretive formats, beta testing of digital formats, development of complementary programming, research at archives or sites whose resources might be used, or the drafting of interpretive materials. America's Historical and Cultural Organizations grants support projects that are presented in these formats: traveling exhibitions that are presented at multiple venues; long-term exhibitions at one institution; interpretive Web sites or other digital formats; interpretation of historic places or areas; reading and discussion programs; panel exhibitions that travel widely, reach a broad audience, and take advantage of complementary programming formats (e.g., reading and discussion series, radio, or other media) to enhance the visitor experience; or other project formats that creatively engage audiences in humanities ideas. Applications that make innovative use of emerging technologies are encouraged. Projects must do more than simply provide a digital archive of material. They should offer new ways of contextualizing and interpreting information that engages public audiences interactively.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Ttnr271tQTqN!1215949849?oppld=48049&flag2006=false&mode=VIEW</p>
08/26/2009	<p>Interpreting America's Historic Places: Planning Grants</p> <p>NEH offers two categories of grants for Interpreting America's Historic Places: Planning and Implementation Grants. Planning grants are available for those projects that may need further development before applying for implementation. This planning can include the identification and refinement of the project's main humanities ideas and questions, consultation with scholars in order to strengthen the humanities content, preliminary audience evaluation, preliminary design of the proposed interpretive formats, beta testing of digital formats, development of complementary programming, research at archives or sites whose resources might be used, or the drafting of interpretive materials. Goals are to enhance lifelong learning in American history by connecting significant events, people, ideas, stories, and traditions with specific places; foster the development of interpretive programs for the public that address central events, themes, and issues in American history; and encourage consultation with humanities scholars and history organizations in the development of heritage tourism destinations. Interpreting America's Historic Places projects should interpret a place that played a significant role in</p>

	<p>American history; enrich the visitor experience at one or more historic places by interpreting these places in light of broader themes in American history; make use of the specific features of one or more historic places—the site, its location, buildings, or other natural or built features—as integral parts of the proposed interpretation; be based on sound humanities scholarship; involve humanities scholars in all phases of development and implementation; approach the subject thematically, analytically, and interpretively through an appropriate variety of perspectives; interest broad audiences; and employ appealing and accessible program formats that will actively engage the public in learning.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48060&flag2006=false&mode=VIEW</p>
08/26/2009	<p>America's Media Makers Development Grants</p> <p>NEH offers two categories of grants for media projects: Development Grants and Production Grants. Development grants enable media producers to collaborate with scholars to develop humanities content and format and to prepare programs for production. These grants cover a wide range of activities that include, but are not limited to, meetings and individual consultations with scholars, research, preliminary interviews, preparation of program scripts, designs for interactivity and digital distribution, and the creation of partnerships for outreach activities and public engagement with the humanities. Development grants should culminate in the refinement of a project's humanities ideas, a script, or a design document for (or a prototype of) digital media components or projects. Before applying, applicants must have a solid command of the major humanities scholarship on their subject, have clarified the ideas that the project will consider, and have consulted with a team of scholarly advisers to work out the intellectual issues that the program will explore. Applicants must also have made preliminary decisions about the format and storyline and located essential materials for the program(s). Finally, they must have recruited the appropriate media professionals, especially the producer, writer, or interactive designer. Production grants support the preparation of a program for distribution.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48077&flag2006=false&mode=VIEW</p>
08/26/2009	<p>America's Media Makers Production Grants</p> <p>NEH offers two categories of grants for media projects, Development Grants and Production Grants. Development grants enable media producers to collaborate with scholars to develop humanities content and format and to prepare programs for production. Development grants should culminate in the refinement of a project's humanities ideas, a script, or a design document for (or a prototype of) digital media components or projects, or a prototype for a digital media project together with a detailed plan for outreach and public engagement in collaboration with partner organizations. See application guidelines for Development Grants. Production grants support the preparation of a program for distribution. Applicants must submit a script for a radio or television program, or a prototype or storyboard for a digital media project, that demonstrates a solid command of the humanities ideas and scholarship related to a subject.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tQTqN!1215949849?oppId=48078&flag2006=false&mode=VIEW</p>

09/15/2009	<p>Fellowships at Digital Humanities Centers</p> <p>NEH Fellowships at Digital Humanities Centers (FDHC) support collaboration between digital centers and individual scholars. An award provides funding for both a stipend for the fellow and a portion of the center's costs for hosting a fellow. Awards are for periods of six to twelve months of continuous full-time research. The intellectual cooperation between the fellow and the center may take many different forms and may involve humanities scholars of any level of digital expertise. Fellows may work exclusively on their own projects in consultation with center staff, collaborate on projects with other scholars affiliated with the center, function as "apprentices" on existing digital center projects, or any combination of these. Awards support projects at any stage of development. FDHC grants are made to digital humanities centers and, therefore, a staff member of the digital humanities center must serve as the project director. Prospective fellows must apply through a digital center. Centers may submit one application per deadline; individual scholars may apply in collaboration with only one digital center per deadline. Scholars are eligible, regardless of their institutional affiliation. Current staff members of the applicant center may not, however, be proposed as fellows. Providing Access to Grant Products As a taxpayer-supported federal agency, NEH endeavors to make the products of its grants available to the broadest possible audience. Our goal is for scholars, educators, students, and the American public to have ready and easy access to the wide range of NEH grant products. All other considerations being equal, NEH gives preference to projects that provide free access to the public.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tOTqN!1215949849?oppId=48020&flag2006=false&mode=VIEW</p>
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NATIONAL SCIENCE FOUNDATION (NSF)

Close Date	Opportunity
01/24/2010	<p>Cognitive Neuroscience</p> <p>The Cognitive Neuroscience Program seeks highly innovative and interdisciplinary proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior, including how such processes develop and change in the brain and through time.</p> <p>http://www.grants.gov/search/search.do;jsessionid=gnPpKGPLvdVLW/Mb2LbTvKX72JjGXTdDrTT1gp693Tnr271tOTqN!1215949849?oppId=47844&flag2006=false&mode=VIEW</p>