

Funding Notice

These funding opportunities are compiled from announcements made by various funding agencies, private foundations, and other entities. Archives of these funding opportunities are located online: <http://orsp.louisiana.edu>.

Additional funding opportunities may be found at www.grants.gov and www.cos.com, where you can customize searches and receive funding alerts directly in your inbox. For additional information about these or other opportunities, or to submit a proposal, contact Ruth Landry or Alise Hagan in the Research Office (482-5811).

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RECOVERY ACT OPPORTUNITIES: We are continuing to monitor agency websites and use search engines for American Recovery and Reinvestment Act (ARRA) opportunities. All ARRA opportunities are in the section titled "American Recovery and Reinvestment Act" and are preceded with the phrase "RECOVERY ACT". We encourage you to check www.grants.gov, www.cos.com, and agency websites regularly because new ARRA notices are being posted frequently.

American Recovery and Reinvestment Act (ARRA)

RECOVERY ACT: Office of Community Services/ACF/DHHS: *Strengthening Communities Fund - Nonprofit Capacity Building Program*. The sponsor announces that applications will be accepted for new cooperative agreements to experienced organizations to provide nonprofit organizations serving as project partners, with capacity building training, technical assistance, and competitive financial assistance. The focus of this program is to build the capacity of funded projects nonprofit partners in order to address the broad economic recovery issues present in their communities, including helping low-income individuals secure and retain employment, earn higher wages, obtain better-quality jobs, and gain greater access to state and Federal benefits and tax credits. Due: 7/7/09. Link: <http://www07.grants.gov/search/search.do?oppld=47301&flag2006=false&mode=VIEW>

RECOVERY ACT: National Center on Minority Health and Health Disparities/NIH/DHHS: *Limited Competition: NCMHD Exploratory Centers of Excellence*. The sponsor invites grant applications from eligible institutions/organizations that propose to establish an Exploratory NCMHD Center of Excellence (COE). NCMHD COE awards provide funding for hiring staff, researchers, community members, and trainees with the goal of augmenting and expanding the capacity and infrastructure of the institution and community to engage in research improving the health of nation and for preparing the next generation of researchers. Activities should be proposed that will benefit from significant 2-year funds without the expectation of continued NIH funding beyond two years. The activities supported by these NCMHD COE grants should have high short-term impact, and a high likelihood of enabling growth and investment in biomedical research and development, public health, and health care delivery. Applications are invited from institutions seeking support to 1) establish novel partnerships for community engagement/outreach efforts to eliminate health disparities, 2) establish new or enhance current research training infrastructure and capacity, including pipeline training programs, to prepare future biomedical, biobehavioral, and clinical researchers from minority, rural or low social and low economic status populations, and 3) to hire newly-recruited faculty to develop a research project within the context of the NCMHD Centers of Excellence program. Due: 6/1/09 (Optional Letters of Intent), 7/1/09 (Full Application). Link: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-MD-09-007.html>

RECOVERY ACT: National Center on Minority Health and Health Disparities/NIH/DHHS: *Limited Competition: NCMHD Dissertation Research Award to Increase Diversity*. The sponsor invites applications to support qualified pre-doctoral students to pursue research careers in any area relevant to the research mission of the NCMHD (i.e., minority health and health disparities research) and simultaneously increase the diversity of this workforce. Due: 5/29/09 (Optional Letters of Intent); 6/30/09 (Full Applications). Link: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-MD-09-008.html>



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American Recovery and Reinvestment Act (ARRA)

RECOVERY ACT: National Center on Minority Health and Health Disparities/NIH/DHHS: *Limited Competition: NCMHD Community Participation in Health Disparities Intervention Research Planning*. The sponsor solicits applications to support intervention research on health disparities that is jointly conducted by communities and researchers. Due: 5/29/09 (Optional Letters of Intent); 6/30/09 (Full Applications). Link: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-MD-09-006.html>

RECOVERY ACT: Directorate for Biological Sciences/NSF: *Major Research Instrumentation Program*. The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, museums and science centers, and not-for-profit organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering, by providing shared instrumentation that fosters the integration of research and education in research-intensive learning environments. For this competition only, proposals will be accepted for instrument development or for acquisition of a single instrument or a system of related instruments that share a common or specific research focus in the range \$100,000-\$6 million from Ph.D.-granting institutions of higher education and non-degree-granting organizations; up to \$6 million (there is no minimum request) from non-Ph.D.-granting institutions of higher education or the disciplines of mathematical sciences or social, behavioral, and economic sciences at any eligible organization. Due: 8/10/09. Link: <http://www07.grants.gov/search/search.do?oppld=47296&flag2006=false&mode=VIEW>

Arts and Humanities

Southern Jewish Historical Society: *Lowenstein Archival Grant, Kawaler Research/Travel Grant, Project Completion Grant*. The sponsor offers support to encourage the preservation of archival materials related to Southern Jewish history. Due: 8/1/09. Link: http://www.jewishsouth.org/grants_new.htm

NEA/National Foundation on the Arts & Humanities: *The Arts on Radio and Television*. The sponsor seeks to make the excellence and diversity of the arts widely available to the American public through nationally distributed television and radio programs. Grant amounts vary. Project periods can be up to three years. Due: 9/3/09. Link: <http://www07.grants.gov/search/search.do?jsessionid=PJKsKL2L7CvJ2HL1yv2G5GD2K2GLvC62SLjnhNnnmyWdx1m6Hnwr!-1908586553?oppld=47288&flag2006=false&mode=VIEW>

Education, Social Science, & Service

Department of the Air Force: *Provide Various Training Courses in Communication Skills*. NAICS: 611430 Wiesbaden Contracting Center, Germany, intends to award an Indefinite Delivery- Indefinite Quantity contract for providing various training courses in Communication Skills. The contract will have a one year base period and two one-year options. Due: 6/15/09. Link: <https://www.fbo.gov/index?s=opportunity&mode=form&id=45f591e2cb23d610394bb010bb0a0b1f&tab=core&cvview=0>

Administration on Aging/DHHS: *Aging Network Business Practice, Planning and Program Development*. Through this program announcement, the sponsor plans to award up to three grants to provide technical support to the Aging Network for business practice, strategic planning, and program development technical support activities. There are three options in the program announcement under which entities may apply for funding: Information, Education and Business Planning; Long-Term Strategic Planning; and Caregiver and Respite Program Development and Technical Assistance. Due: 7/8/09. Link: <http://www07.grants.gov/search/search.do?oppld=47365&flag2006=false&mode=VIEW>

National Institute of Child Health and Human Development/NIH/DHHS: *Factors Affecting Cognitive Function in Adults with Down Syndrome*. The sponsor solicits research grants applications from organizations that propose to study factors affecting cognitive function in Down syndrome, but with particular emphasis on adults with Down syndrome. This represents the first step in a multi-year strategic plan to augment research by various NIH institutes on this important public health issue. Due: 5/29/09 (Optional Letters of Intent), 6/30/09 (Full Applications). Link: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-HD-09-028.html>



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Education, Social Science, & Service (continued)

Social Science Research Council: *Abe Fellowship Program*. The Abe Fellowship is designed to encourage international multidisciplinary research on topics of pressing global concern. The program seeks to foster the development of a new generation of researchers who are interested in policy-relevant topics of long-range importance and who are willing to become key members of a bilateral and global research network built around such topics. Due: 9/1/09. Link: http://fellowships.ssrc.org/abe/detailed_app_criteria/

National Institute of Justice/DOJ: *Fundamental Research to Improve Understanding of the Accuracy, Reliability, and Measurement Validity of Forensic Science Disciplines*. Through this funding opportunity, the sponsor is seeking applications for funding research to improve the understanding of the accuracy, reliability, and measurement validity of forensic science disciplines. Research studies should focus on expanding the scientific basis of forensic methods, development of quantifiable measures of the reliability and accuracy of forensic analyses, and development of an understanding of human factors that may affect forensic analyses. Due: 6/22/09. Link: <http://www.ncjrs.gov/pdffiles1/nij/sl000878.pdf>

Office of Community Services/ACF/DHHS: *Community Services Block Grant Training and Technical Assistance Program-Strengthening the Capacity and Ability of CSBG Eligible Entities to Address Legal Issues*. The sponsor announces that competing applications will be accepted for a new cooperative agreement to create an enhanced nationwide training and technical assistance strategy for strengthening and expanding the capacity and ability of CSBG-eligible entities to deal with legal issues, especially those dealing with the financial management and governance of their agencies funded under the CSBG program. Due: 6/26/09. Link: <http://www07.grants.gov/search/search.do?oppld=47346&flag2006=false&mode=VIEW>

International Research & Exchanges Board: *Partnerships in Collaborative Research Travel Grants (PCR)*. The sponsor invites applications for Partnerships in Collaborative Research Travel Grants (PCR), a pilot program designed to support collaborative projects involving US scholars and their international colleagues. The program provides American scholars with the necessary funds to bring a foreign scholar to the United States for an academic purpose. Due: 6/1/09. Link: http://www.irex.org/programs/us_scholars/apps/2009-2010_PCR_Application.doc

Social & Health Services, Ltd.: *Healthy Vision 2010 Community Awards Program*. The sponsor provides awards of up to \$10,000 each and is intended to stimulate collaborative initiatives that support the vision objectives in Healthy People 2010. The objectives address examinations and prevention, eye diseases, injury and safety, and vision rehabilitation. Due: 8/31/09. Link: <http://www.healthyvision2010.org/news/hvca/>

Skoll Community Foundation: *Skoll Awards for Social Entrepreneurship*. Skoll Awards provide core support in the form of grants, loans or a combination of the two. The Skoll Awards for Social Entrepreneurship support social entrepreneurs whose work has the potential for large-scale influence on critical challenges of our time: environmental sustainability, health, tolerance and human rights, institutional responsibility, social and economic equality, peace and security. The awards are not intended for new or early-stage programs or initiatives. Programs submitted for consideration should have a track record of at least three years. Due: 8/12/09 (Note: The sponsor accepts and reviews applications and grants awards on a year-round basis. Application deadlines will be updated regularly for those who would like to be considered for funding in advance of the Skoll World Forum.). Link: http://www.skollfoundation.org/skollawards/SASE_application_guidelines.pdf

Alcoholic Beverage Medical Research Foundation: *New Scientist Awards*. Grants provide support for the career development of highly promising new scientists just entering the field of alcohol research. Applicants must be from public or private nonprofit organizations in the U.S. and Canada. The duration is up to two years. Due: 9/1/09, 2/1/10. Link: http://www.abmrf.org/Files/Admin/Pages/applying_grant/grantguide.pdf

Alcoholic Beverage Medical Research Foundation: *Data Analysis Grants*. Grants support the analysis of previously collected data on the use, and prevention of misuse, of alcoholic beverages. Requests may be submitted to analyze national or regional data sets, if made available by the individual investigator. The duration is up to two years. Due: 9/1/09, 2/1/10. Link: http://www.abmrf.org/Files/Admin/Pages/applying_grant/grantguide.pdf



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Education, Social Science, & Service (continued)

Alcoholic Beverage Medical Research Foundation: *Pilot/Preliminary Studies*. Grants support pilot/preliminary studies to determine the feasibility of conducting a larger and more expensive research project. The duration is up to two years. Due: 9/1/09, 2/1/10. Link:

Web Site: http://www.abmrf.org/applying_grant.asp

Alcoholic Beverage Medical Research Foundation: *Research Project Grants*. Grants provide funds for specific research projects to be conducted by the named principal investigator. Eligible applicants are institutions. The duration is up to two years. Due: 9/1/09, 2/1/10. Link:

Web Site: http://www.abmrf.org/applying_grant.asp

Environmental Protection Agency: *Early Career Projects: Exploring Linkages Between Health Outcomes and Environmental Hazards, Exposures, and Interventions for Public Health Tracking and Risk Management*. The sponsor is seeking applications to develop new or improved environmental public health indicators (EPHIs) to build linkages between environmental hazards, human exposures, and public health outcomes. The aim of the research is to develop indicators that can be used for long-term tracking and surveillance of environmental public health, making better informed decisions, and assessing the actual impacts of environmental risk management decisions. Due: 8/5/09. Link: <http://www07.grants.gov/search/search.do?oppld=47292&flag2006=false&mode=VIEW>

Environmental Protection Agency: *Exploring Linkages Between Health Outcomes and Environmental Hazards, Exposures, and Interventions for Public Health Tracking and Risk Management*. The sponsor is seeking applications to develop new or improved environmental public health indicators (EPHIs) to build linkages between environmental hazards, human exposures, and public health outcomes. The aim of the research is to develop indicators that can be used for long-term tracking and surveillance of environmental public health, making better informed decisions, and assessing the actual impacts of environmental risk management decisions. Due: 8/5/09. Link: <http://www07.grants.gov/search/search.do?oppld=47291&flag2006=false&mode=VIEW>

Office of Juvenile Justice and Delinquency Prevention/DOJ: *Field-Initiated Research and Evaluation Program*. The sponsor provides support for the Field-Initiated Research and Evaluation Program. This program furthers the Department's mission by supporting original, rigorous, scientific research and evaluation studies to inform the disciplines of juvenile justice and delinquency prevention and child victimization prevention and intervention. Due: 6/15/09. Link: <http://www07.grants.gov/search/search.do?oppld=47254&flag2006=false&mode=VIEW>

National Institute of Justice/DOJ: *Predictive Policing Demonstration and Evaluation Planning Program*. The sponsor seeks qualified applicants to develop and demonstrate predictive policing models that can be subjected to rigorous evaluation for criminal justice outcomes and impacts. Predictive policing includes strategies, tactics and enabling tools and technologies that improve the situational awareness of law enforcement concerning individuals or locations before criminal activity takes place. Due: 6/15/09. Link: <http://www07.grants.gov/search/search.do?oppld=47379&flag2006=false&mode=VIEW>

National Institute of Justice/DOJ: *Predictive Policing Analytic and Evaluation Research Support*. Under this opportunity, the sponsor is requesting proposals to provide analytic and evaluation support, as well as independent evaluation services to applicants selected for funding in the planning phase of the OST Predictive Policing program. Predictive policing includes strategies and tactics that improve the situational awareness of law enforcement concerning individuals or locations before criminal activity occurs. Due: 7/13/09. Link: <http://www07.grants.gov/search/search.do?oppld=47378&flag2006=false&mode=VIEW>

Directorate for Social, Behavioral and Economic Sciences/NSF: *Cognitive Neuroscience Grants*. The Cognitive Neuroscience program seeks highly innovative 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. Due: 8/27/09, 1/24/10. Link: <http://www.nsf.gov/pubs/2009/nsf09563/nsf09563.htm>



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Education, Social Science, & Service (continued)

Office of Community Services/ACF/DHHS: *Compassion Capital Fund Demonstration Program*. The sponsor will award funds to experienced organizations to deliver capacity-building services to faith-based and community organizations through the provision of training, technical assistance, and sub-awards. Due: 6/22/09. Link: <http://www07.grants.gov/search/search.do?oppld=47376&flag2006=false&mode=VIEW>

EPA: *Targeted Grants to Reduce Childhood Lead Poisoning*. The sponsor is soliciting grant proposals from eligible entities to conduct activities to reduce incidences of childhood lead poisoning in vulnerable populations, including projects to: (1) Reduce lead poisoning in areas with high incidences of elevated blood-lead levels; (2) identify and reduce lead poisoning in under-studied areas with high potential for undocumented elevated blood-lead levels through monitoring and data gathering; and (3) develop tools to address unique and challenging issues in lead poisoning prevention, especially tools that are replicable and scalable for other areas. Due: 8/13/09. Link: <http://www07.grants.gov/search/search.do?oppld=47391&flag2006=false&mode=VIEW>

Johnson (Robert Wood) Foundation: *Active Living Research - New Connections*. The sponsor provides support for researchers and investigators from historically disadvantaged and underrepresented communities. Two types of New Connections grants will be funded under this CFP: research grants and publication grants. A total of up to \$286,000 will be awarded for research and publication grants. Due: 7/29/09. Link: <http://www.rwjf.org/applications/solicited/cfp.jsp?ID=20804>

Science, Technology, Engineering, and Mathematics

EPA: *Biosolids Regulators Technology and Management Training Workshops*. The sponsor is soliciting applications from eligible applicants to plan, prepare, and conduct a training workshop for Biosolids Regulators. Funds awarded under this announcement may be used by the recipient to promote participation and support the travel expenses of non-Federal personnel to attend the workshop. This project will benefit biosolid program coordinators, utilities, state and local governments and other stakeholder groups. Due: 6/22/09. Link: <http://www07.grants.gov/search/search.do?oppld=47328&flag2006=false&mode=VIEW>

Department of the Air Force: *Broad Spectrum Engineered Materials*. The Non-metallic Materials Division (AFRL/RXB) requires that the contractor shall perform Research, Development, and Technical Transition on advanced nanostructured and biological materials, metamaterials, organic and organic hybrid materials systems and devices. Research areas of emphasis will include but not be limited to nano-based materials synthesis and functionalization, nanomaterials processing, nanocomposite development, biological materials development, bio-inspired, and biomimetic materials fabrication, processing, development, evaluation, modeling, simulation, research surveys, and various materials testing techniques, interface studies, and metamaterials R&D. This effort will also include the evaluation of new and /or modified materials systems and new/improved laboratory test procedures, analytical, characterization, and modeling techniques to evaluate materials performance. The ultimate goal is development of materials and processing methodologies that are vital to create advanced materials and devices for future AF systems. Due: 6/29/09. Link: https://www.fbo.gov/index?s=opportunity&mode=form&id=a31cd9ed4278c29cce4e19c2e8ec1fd1&tab=core&_cview=0

Department of the Army: *Joint Urban Test Capability (JUTC)*. The Joint Urban Test Capability (JUTC) is hosting an Industry Day at on 6/25/09. This event is designed to provide industry with additional information on the JUTC program. The draft Test Capabilities Requirements Document for this program is anticipated to be released prior to Industry Day. The target audience for industry day: - teams interested in becoming a JUTC Prime contractor - industry/academia members interested in supporting a JUTC Prime Contractor Information on the JUTC program can be viewed on <https://www.fbo.gov/index> searching on the keyword JUTC. In addition, teams will be allowed to discuss the JUTC program with the Government team privately at the same location on the afternoon of the 6/25/09 or on 6/26/09. Each team will be allowed a maximum 30 minutes. Due: 6/25/09. Link: https://www.fbo.gov/index?s=opportunity&mode=form&id=d5a74282359971096cae61c72b08788c&tab=core&_cview=1



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STEM (continued)

NASA: Research Opportunities in Space Life Sciences: *Fundamental Space Biology - Animal Physiology*. The sponsor is soliciting research proposals for space flight experiments in Space Life Sciences. Proposals submitted to this NRA are restricted to experiments that propose to use plants, insects, nematodes or microbial model specimens. The specific model organisms targeted for use are *Arabidopsis thaliana*, *Brassica rapa*, *Drosophila melanogaster*, *Caenorhabditis elegans*, bacteria and fungi. Due: 6/15/09 (notices of intent), 9/14/09 (proposals). Link: <http://www07.grants.gov/search/search.do?oppld=47290&flag2006=false&mode=VIEW>

Transportation Research Board: *National Cooperative Freight Research Program--Guidebook for Developing Sub-national Commodity Flow Data*. The sponsor has issued a request for proposals to explore standard procedures for compiling local, state, regional, and corridor commodity flow databases; examine procedures and methodologies for conducting sub-national commodity flow surveys and studies; and identify methods to use commodity flow data in local, regional, state, or corridor practice. A total of approximately \$450,000 is available. Due: 6/30/09. Link: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2663>

Office of Naval Research: *Sciences Addressing Asymmetric Explosive Threats*. The Office of Naval Research (ONR) is interested in receiving proposals describing innovative scientific concepts that will form the foundation for future technologies that may be developed and implemented to efficiently and effectively address future asymmetric threats, resulting in explosive events. This BAA is part of a basic research program, and as such the knowledge and technologies developed here may lead to future applied research; however, research under this program is limited to fundamentally new theories, data, concepts, and principles. Due: 8/13/09. Link: <http://www07.grants.gov/search/search.do;jsessionid=dhQQKKVdvGvx29HT01pJG21hvQcyp5NSW7k21my321GPfQ2zSS5w!-1908586553?oppld=47241&flag2006=false&mode=VIEW>

Department of the Air Force: *Joint Space Operations Center Mission System*. The Joint Space Operations Center (JSpOC) is an existing facility where the operational staff will use the Joint Space Operations Center (JSpOC) Mission System (JMS). The JMS will provide an integrated program of Space Situational Awareness, Space Threat Characterization, and Space Command and Control (C2). This sources sought is focused on incremental system deliveries to provide the capabilities that will be defined in JMS Increment 1 Capabilities Development Document (CDD). Key capabilities include: * Dynamic Database of Space Objects** Provide Authoritative Data Source of High Accuracy Space Object Positional Information** Predict and Report Orbital Conjunctions* User-Defined Operational Picture (UDOP)**UDOP Subscriber Services*Other Threat and Battlespace Information*Space Order of Battle*Threat Identification & Notification**Space C2 and Theater Support Tools*Monitor Force and Resource Status*Monitor Events Mission and/or application services delivered to satisfy these capabilities will support AFSPC mission threads which include: Catalog; Maneuver; Maintain Force Status; Ground Attack; High-/Low-Energy Laser; Proximity Operations; Commercial & Foreign Entities; Orbital Safety; Direct Ascent Anti-satellite (ASAT); Space Nuclear Detonation (NUDET); Breakup/Separation; Decay/Re-entry; Launch; Co-Orbital ASAT; and Electromagnetic Interference (EMI). Due: 6/1/09. Link: https://www.fbo.gov/index?s=opportunity&mode=form&id=3da2c4b4ef350fb69f9940d4e9a92c96&tab=core&_cvview=0

Department of the Navy: *Naval Research Laboratory*. The Naval Research Laboratory (NRL) is the Navy's corporate laboratory. NRL conducts basic and applied research for the Navy in a variety of scientific and technical disciplines. The basic research program is driven by perceptions about future requirements of the Navy. Proposals may range from theoretical studies to proof-of-concept to include fabrication and delivery of a prototype. BAA topics include all NRL sites located in the Washington, DC area, the Stennis Space Center, MS, and Monterey, CA. Due: Interested offerors must first submit a white paper (WP). Offerors of those WPs found to be consistent with the intent of the BAA may be invited to submit a formal proposal. An invitation does not assure an offeror of a subsequent contract award. Link: <http://www07.grants.gov/search/search.do;jsessionid=dhQQKKVdvGvx29HT01pJG21hvQcyp5NSW7k21my321GPfQ2zSS5w!-1908586553?oppld=47256&flag2006=false&mode=VIEW>

Department of Transportation: *PHMSA Technology Development Grants*. The sponsor hereby requests applications from non-profit organizations to enhance the prominence of underground facility construction design, management, and emerging technologies that will facilitate the prevention of pipeline damage caused by demolition, excavation, tunneling or construction activities. Due: 6/30/09. Link: <http://www07.grants.gov/search/search.do?oppld=47372&flag2006=false&mode=VIEW>



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National Institute of General Medical Sciences/NIH/DHHS: *Biology Knowledgebase*. The sponsor solicits applications to maintain and enhance the PSI: Biology Knowledgebase in support of NIGMS PSI: Biology projects. The knowledgebase will be one component of the PSI: Biology network. As a central information hub, the Knowledgebase plays a critical role in making the research of PSI: Biology widely available to other scientists and performs outreach activities to inform and solicit input from the scientific community to increase the impact of PSI: Biology. Due: 6/17/09 (optional letter of intent), 7/17/09 (full application). Link: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-GM-10-004.html>

National Institute of Biomedical Imaging and Bioengineering/NIH/DHHS: *Innovation in Molecular Imaging Probes*. The sponsors provide support for the development of novel molecular imaging approaches that can detect and image specific molecular activities in vivo, and have the potential for clinical applications. Novel molecular imaging approaches developed through this initiative can focus on one (or both) of the following long-term translational goals: (1) imaging the characteristic markers, and function, of normal cells in control human subjects and patients, and (2) imaging the characteristic markers, and biochemical or physiological abnormalities, of disease cells in patients. Potential abnormalities that could provide early markers for disease include (but are not restricted to): inflammation, fibrosis, immune cell activation, altered signal transduction pathways, altered gene expression pathways, and altered post-translational modification of proteins. This initiative solicits applications that explore innovative high-impact approaches, rather than incremental technology development that is already supported by current NIH programs. Due: Letters of Intent: 8/21/09, 12/21/09, 4/21/10, 8/21/10, 12/21/10, 4/20/11, 8/21/11. Full Proposals: 9/21/09, 1/21/10, 5/21/10, 5/20/11, 9/21/10, 1/21/11, 9/21/11. Link: <http://grants1.nih.gov/grants/guide/pa-files/PA-09-016.html>

DARPA: *Dynamic Image Gunsight Optic (DInGO) Program*. DARPA is soliciting innovative research proposals to develop an optical scope attachment to be used on standard combat rifles. Proposed research should investigate innovative approaches that enable revolutionary advances required to achieve the Dynamic Image Gunsight Optic (DInGO) end-state program objective. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. Due: 4/12/10. Link: https://www.fbo.gov/index?s=opportunity&mode=form&id=4973a4e7e5a337fbcbe2aaeeec2989e2&tab=core&_cvview=0&cck=1&au=&cck=

National Nuclear Security Administration Service Center/DOE: *Joint NNSA AFRL for FY2010 for Nuclear Explosion Monitoring Research Development*. Under this jointly sponsored program, the NNSA and the AFRL invite proposals for research and development (R&D) to improve national capabilities to detect, locate and identify nuclear explosions in support of the Air Force Technical Applications Center (AFTAC), the U.S. government agency responsible for operation of the nuclear explosion monitoring systems. Due: 6/15/09. Link: <http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&opId=47316>

Directorate for Biological Sciences/NSF: *Evolutionary Processes*. The Evolutionary Processes Cluster supports research on microevolutionary processes and their macroevolutionary consequences. Topics include mutation, gene flow, recombination, natural selection, genetic drift, assortative mating acting within species, speciation, and long-term features of evolution. Due: 7/9/09. Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503421&org=NSF&sel_org=NSF&from=fund

Directorate for Biological Sciences/NSF: *Population and Community Ecology*. The Population and Community Ecology Cluster supports research that advances the conceptual or theoretical understanding of population ecology, species interactions and community dynamics in terrestrial, wetland and freshwater habitats. Due: 7/9/09. Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503414&org=NSF&sel_org=NSF&from=fund

Directorate for Geosciences/NSF: *Sedimentary Geology and Paleobiology*. The sponsor supports studies in sedimentary geology and paleobiology. Due: 8/7/09, 1/16/10. Link: <http://www07.grants.gov/search/search.do?opId=47295&flag2006=false&mode=VIEW>



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Nuclear Regulatory Commission: *Fuel Coolant Interactions and Other Beyond Design Basis Accident Analysis.* The objective of this contract is as follows: (1) Analyze Severe Accident Debris Coolability issues, to review experimental data on Melt Coolability and Concrete Interaction (MCCI) and the MELCOR models in order to make recommendations for code assessment and development as necessary. (2) Fuel Coolant Interactions (FCI) Calculations for SERENA Phase II are to perform pre-and post test analysis as well as parametric and sensitivity analyses of KROTOS and TROI experiments using Texas-V code. (3) Scoping Analysis for RCCS to provide a first order evaluation of the safety significance of VHTR-unique design features in relation to core, vessel and cavity cooling when the pressurized helium is lost due to a break in the primary cooling circuit. Due: 7/8/09. Link:

https://www.fbo.gov/index?s=opportunity&mode=form&id=80a6117d201f009f37b09ae02cd9f8f4&tab=core&_cview=0

Transportation Research Board: *Transit Cooperative Research Program--Assessing and Comparing Environmental Performance of Major Transit Investments.* The sponsor has issued a request for proposals to present, evaluate, and demonstrate criteria, metrics, and methods for assessing and comparing the environmental performance of major transit investments. A total of approximately \$400,000 is available. Due: 7/28/09. Link:

<http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2616>

DARPA: *Multipath Exploitation Radar.* DARPA is soliciting innovative research proposals to increase persistent coverage over a large urban terrain by extending the tracking capabilities of existing radar sensor architectures beyond line-of-sight (LOS) using both multipath energy that represents nuisance signals for current radar system and knowledge of the urban scattering surfaces. Due: 3/12/10. Link:

https://www.fbo.gov/?s=opportunity&mode=form&id=21b00f8a9452dac3c37e3e4f599ab4ff&tab=core&_cview=0

Department of the Interior: *PERSEREC Personnel Security Research Program.* Defense Personnel Security Research Center (PERSEREC) has a requirement to design and conduct personnel security research and development. All work shall take into account previous relevant research conducted by agencies and departments of the United States Government as well as that conducted by academia and the private sector. The taskings require detailed knowledge of historic and current Government policies related to the field of personnel security. Most taskings will require detailed knowledge of Government organizations that make up the personnel security and intelligence communities. Some of the work to be performed will call for expertise with databases and analytical software utilized by the Defense Manpower Data Center. The problems addressed through PERSEREC-sponsored research and development will have important implications for Government personnel security policy, especially that covering military, civilian and contractor personnel within the Department of Defense. Data, research reports, and briefings will be provided to high-level Government officials. Link:

https://www.fbo.gov/?s=opportunity&mode=form&id=798c8401d85bb017f2e581fcc1cfd368&tab=core&_cview=0

American Society for Information Science and Technology: *Thomson ISI Citation Analysis Research Grant.* The sponsor invites proposals from individuals for a \$3,000 grant award to support research that is based on citation analysis, including but not limited to analysis using resources developed by Thomson ISI. Additionally, \$500 is awarded for travel and other expenses for attendance at the sponsor's annual meeting. Due: 6/15/09. Link:

<http://www.asis.org/awards/citationaward.html>

American Institute of Physics: *Grants to Archives.* The sponsor offers support to make accessible records, papers, and other primary sources which document the history of modern physics and allied fields (such as astronomy, geophysics, and optics). Due: 8/14/09. Link: http://www.aip.org/history/grants_guidelines.html



FundingNotice

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Student Support

Association for Symbolic Logic: Sacks Prize. The Sacks Prize is awarded for the most outstanding doctoral dissertation in mathematical logic. Nominations should be made by the thesis adviser.
Due: 9/30/09. Link: <http://www.aslonline.org/info-prizes.html>

American Society for Information Science and Technology: Pratt-Severn Best Student Research Paper Award. The sponsor provides up to \$500 in travel expenses for a student to attend the sponsor's annual meeting, in recognition of the quality of the student's submitted research paper. Due: 6/15/09. Link: <http://www.asis.org/awards/bestresearchpaper.html>

American Society for Information Science and Technology: Institute for Scientific Information Doctoral Dissertation Proposal Scholarship. The sponsor invites applications for a \$1,500 scholarship award to foster research in information science by encouraging and assisting doctoral students in the field with their dissertation research. Due: 7/1/09. Link: <http://www.asis.org/awards/doctoraldissertationscholarship.html>

American Society for Information Science and Technology: ProQuest Doctoral Dissertation Award. The sponsor offers an award to recognize outstanding recent doctoral candidates whose research contributes significantly to an understanding of some aspect of information science. The award is intended to encourage participation of new Ph.D.s in the activities of a professional association by providing a forum for presentation of their research and assisting them with some travel support.
Due: 6/15/09. Link: <http://www.asis.org/awards/proquestdocdissertation.html>

American Society for Cell Biology: Norton B. Gilula Memorial Award. The sponsor provides funding for an award honoring an outstanding graduate or undergraduate student who has excelled in cellular biology research. Due: 8/1/09. Link: http://www.ascb.org/index.php?option=com_content&view=article&id=148&Itemid=35

American Society for Cell Biology: Merton Bernfield Memorial Award. The sponsor provides funding for an award recognizing an outstanding graduate or postdoctoral fellow who has excelled in cellular biology research. Due: 8/1/09. Link: http://www.ascb.org/index.php?option=com_content&view=article&id=147&Itemid=35