

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: National Cancer Institute/NIH/DHHS: Research and Research Infrastructure Grand Opportunities.

The sponsors solicit through this limited competition applications from United States institutions/organizations proposing to develop and implement critical research innovations to advance the research enterprise, stimulate future growth and investments, and advance public health and health care delivery. The purpose of the GO grants program is to support high impact ideas that lend themselves to short-term funding, and may lay the foundation for new fields of investigation. The GO grants program will support large-scale research projects that accelerate critical breakthroughs, early and applied research on cutting-edge technologies, and new approaches to improve the synergy and interactions among multi and interdisciplinary research teams. The initiative seeks novel approaches in areas that address specific knowledge gaps, scientific opportunities, new technologies, data generation, or research methods that would benefit from an influx of funds to quickly advance the area in significant ways. Due: 4/27/09 (Optional Letters of Intent); 5/27/09 (Full Applications). Link: www.grants.gov (funding opp #: RFA-OD-09-004).

RECOVERY ACT: National Institute of Justice/DOJ: Evaluation of Internet Child Safety Materials Used by ICAC Task Forces in School and Community.

The Department of Justice seeks to fund an evaluation of internet child safety materials used by Internet Crimes Against Children (ICAC) task forces that receive funding from the Office of Juvenile Justice and Delinquency Prevention (OJJDP) under the Recovery Act. Due: 5/18/09.

Link: <http://www.ncjrs.gov/pdffiles1/nij/sl000875.pdf>

RECOVERY ACT: National Institute of Justice/DOJ: Research and Evaluation of Recovery Act State and Local Law Enforcement Assistance.

The sponsor is soliciting proposals that promote the goals of the Recovery Act through research and evaluation projects that support the purposes of three recovery programs (Recovery Act: Edward Byrne Memorial Competitive Grant Program, Recovery Act: Assistance to Rural Law Enforcement to Combat Crime and Drugs, and Recovery Act: Combating Criminal Narcotics Activity Stemming from the Southern Border of the United States). Due: 5/18/09.

Link: <http://www.ncjrs.gov/pdffiles1/nij/sl000876.pdf>

RECOVERY ACT: Office of Juvenile Justice and Delinquency Prevention/DOJ: National Youth Mentoring.

This solicitation invites applicants to propose initiatives ready for implementation that will assist in the development and maturity of community programs to provide mentoring services to populations that are underserved due to location, shortage of mentors, special physical or mental challenges of the targeted population, or other such situations identified by the community in need of mentoring services. Special consideration will be given to mentoring programs that include education, job readiness, employment skill development, and training in and exposure to entrepreneurial activities.

Due: 4/20/09.

Link: <http://ojjdp.ncjrs.gov/grants/solicitations/FY2009/ARRANationalYouthMentoring.pdf>



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Arts and Humanities

Institute for Political History: *Hugh Davis Graham Award*. This fund will provide research stipends for graduate students and established scholars doing archival research in policy and political history. Doctoral students, junior scholars, and senior scholars will be eligible for support from this fund. Due: 11/2/09.

Link: <http://www.politicalhistory.org/graham%20award%20procedures.html>

National Foundation on the Arts & Humanities/NEH: *Preservation and Access: Humanities Collections and Resources*. Support is provided for projects that preserve and create intellectual access to such collections as books, journals, newspapers, manuscript and archival materials, maps, still and moving images, sound recordings, art, and objects of material culture. Due: 7/15/09. Link: www.grants.gov (funding opp #: 20090715-PW).

Education, Social Science, & Service

ACF: *Secondary Analyses of Data on Child Care*. The Administration of Children and Families (ACF) is accepting applications for Secondary Analyses of Data on Child Care to support analyses of existing data to answer questions of relevance for policy decision-making on child care and child care subsidies. Research may address measurement of quality; subsidy policies and parental work outcomes; subsidy policies and the child care workforce; child, family, employment, and program/provider characteristics and choice of care; child care characteristics and child and family outcomes; and transition to kindergarten, among others. Due: 5/1/09 (Letter of Intent); 6/15/09 (Proposal).

Link: www.acf.hhs.gov/grants/open/HHS-2009-AF-OPRE-YE-0080.html

Department of Transportation: *Teen driving/parent responsibility*. The Transportation Department's National Highway Traffic Safety Administration is accepting proposals to build a parental responsibility program that focuses on parental enforcement of "house" driving rules for their teen drivers. Activities should increase parental awareness of their role in setting teen driving rules and encourage parents to enforce safe driving to their teens. Strategies should include reaching and working with parents to enforce strict driving limits in NHTSA's three priority areas: access to alcohol, graduated driver licensing, and seat belt use. Due: 5/18/09. Link: www.grants.gov (CFDA #: 20.614).

Directorate for Education and Human Resources/NSF: *Graduate Teaching Fellows in K-12 Education (GK-12)*. Through the GK-12 program, institutions of higher education have an opportunity to make a permanent change in STEM graduate education programs and to create strong and enduring partnerships with K-12 schools. Due: 5/19/09, 4/20/10 (Letters of Intent); 6/29/09, 6/3/10 (full proposals). Link: <http://www.nsf.gov/pubs/2009/nsf09549/nsf09549.htm>

Directorate for Social, Behavioral and Economic Sciences/NSF: *Urban Long-Term Research Area Exploratory Awards (ULTRA-Ex)*. The ULTRA-Ex competition will provide support to enable teams of scientists and practitioners to conduct interdisciplinary research on the dynamic interactions between people and natural ecosystems in urban settings in ways that will advance both fundamental and applied knowledge. Due: 7/7/09.

Link: <http://www.nsf.gov/pubs/2009/nsf09551/nsf09551.htm>

Independent Educational Consultants Association Foundation: *Grants Program*. The sponsor provides support for programs that have significant impact on students and their educational environments. Priority is given to programs that assist students in making educational choices. Due: The sponsor's board meets in January and July to review applications.

Link: <http://www.iecafoundation.org/pdf/GrantProcess.pdf>

Institute of Education Sciences/DofEd: *Education and special education research*. Education research and special education research grant programs are available to provide parents, educators, students, researchers, policymakers and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all students. The National Center for Education Research will consider applications for education research, such as reading and writing, mathematics and science education, and cognition and student learning; and in special education, early intervention and early childhood special education, reading, writing, and language development; and mathematics and science education, among others. Due: 6/25/09.

Link: <http://edocket.access.gpo.gov/2009/pdf/E9-6320.pdf>



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Education, Social Science, & Service (continued)

Lumina Foundation for Education: *Grants Programs*. The sponsor's mission is to expand access and success in postsecondary education. The sponsor addresses issues that affect access and attainment in postsecondary education in the United States, particularly among traditionally underserved student groups. Due: Letter of Inquiry.
Link: http://www.luminafoundation.org/grants/information_for_grant_seekers/index.html

National Institute on Disability and Rehabilitation Research (NIDRR): *Disability and research programs and centers*. The Office of Special Education and Rehabilitative Services' NIDRR has released a notice for new awards for FY 2009 to improve the effectiveness of services to individuals with disabilities. Activities may include research, training, demonstration, development, dissemination, utilization and technical assistance. Due: 5/22/09.
Link: www.thefederalregister.com/d.p/2009-03-23-E9-6322

National Institute on Drug Abuse/NIH/DHHS: *Economic Studies of Health Insurance Coverage on Drug Abuse Treatment Availability, Access, Costs, and Quality*. This FOA issued by the National Institute on Drug Abuse solicits research project grant applications from institutions/ organizations that propose to conduct rigorous, theory-driven research on the effects of recent legislative and regulatory changes affecting insurance coverage for drug abuse treatment services. Due: 7/14/09. Link: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-10-004.html>

National Institute of Nursing Research/NIH/DHHS: *Interventions to Improve Palliative Care at the End of Life*. The sponsor solicits grant applications from institutions and organizations to develop and test interdisciplinary interventions to improve palliative care and enhance the quality of life for dying patients and their informal caregivers. Empirical and theoretically based interdisciplinary interventions focusing on diverse patient populations, across different illness trajectories and across the continuum of illness, as well as those which translate efficacious interventions into diverse settings to enhance EOL outcomes are of interest. Interventions capitalizing on biobehavioral variables are particularly encouraged, as are applications from new investigators and multiple PIs. Due: 4/18/09 (Optional Letters of Intent); 5/18/09 (Full Applications). Link: www.grants.gov (funding opp #: RFA-NR-09-004).

OJJDP: *Child abuse training for personnel*. The Office of Juvenile Justice and Delinquency Prevention is accepting applications to provide judicial, legal and social service professionals with the training and technical assistance needed to meet the numerous challenges facing juvenile and family courts. Applicants should develop a model training and technical assistance program with activities to improve the judicial system's handling of child abuse and neglect cases. Due: 5/19/09.
Link: <http://ojjdp.ncjrs.gov/grants/solicitations/FY2009/CATJCP.pdf>

OJJDP: *Volunteer advocates training*. The Office of Juvenile Justice and Delinquency Prevention seeks applications for projects to provide information, technical assistance and training to volunteer advocates who represent abused and neglected children in dependency hearings and to other child welfare system stakeholders at local, state, regional and national levels. Activities should build upon previous trainings and may include training and technical assistance in the areas of volunteer advocate recruitment and retention, volunteer advocate training, diversity, data collection and reporting, sustainability, and program standards. Due: 5/5/09. Link: <http://ojjdp.ncjrs.gov/grants/solicitations/FY2009/CASATTA.pdf>

Office of Planning, Research, and Evaluation/ACF/DHHS: *Center for Early Care and Education Research: Dual Language Learners*. Funds are provided by the sponsor for the creation of a Center for Research in Early Care and Education to focus on dual language learners (DLLs) from birth through 5 years of age and their families. Due: 5/4/09 (Optional Letter of Intent); 6/15/09 (Applications).
Link: <http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-OPRE-YR-0083.html>

Office of Postsecondary Education/DoEd: *Child Care Access Means Parents in School (CCAMPIS) Program*. The sponsor provides support for the CCAMPIS Program, which supports the participation of low-income parents in postsecondary education through the provision of campus-based child care services. Due: 5/8/09.
Link: www.grants.gov (funding opp #: ED-GRANTS-040809-001).



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Education, Social Science, & Service (continued)

Office of Postsecondary Education/DoEd: *Institute of International Public Policy*. The sponsor invites applications for the establishment of an Institute for International Public Policy that will conduct a program to enhance the international competitiveness of the United States by increasing the participation of underrepresented populations in the international service, including private international voluntary organizations and the foreign service of the United States. Due: 5/1/09. Link: www.grants.gov (funding opp #: ED-GRANTS-040109-002).

Transportation Research Board: *Transit Cooperative Research Program – Climate Change and the Highway System: Impacts and Adaptation Approaches*. The sponsor has issued a request for proposals to synthesize the current state of worldwide knowledge regarding the probable range of impacts of climate change on highway systems by region of the United States for the period 2030-2050. The project will also develop recommended institutional arrangements, tools, approaches, and strategies that state departments of transportation can use during system planning, design, construction, operations, and maintenance to adapt infrastructure and operations to these impacts and lessen their effects; and more. Due: 6/16/09. Link: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2631>

Transportation Research Board: *Transit Cooperative Research Program – Economic Changes Driving Future Freight Transportation*. The sponsor has issued a request for proposals to provide decision makers with a critical analysis of the driving forces behind high-impact economic changes and business sourcing patterns that may affect the U.S. freight transportation system. Due: 6/2/09. Link: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2629>

Transportation Research Board: *Transit Cooperative Research Program – Effects of Changing Transportation Energy Supplies and Alternative Fuel Sources on Transportation*. The sponsor has issued a request for proposals to determine how the mandate, role, funding, and operations of departments of transportation (DOTs) will likely be affected by future changes in long-term energy supply and demand and to identify strategies and actions that can be used by the DOTs to plan and prepare for these effects. Due: 6/11/09. Link: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2632>

Science, Technology, Engineering, & Mathematics (STEM)

Air Force Office of Scientific Research: *Young Investigator Research Program*. The Young Investigator Research Program supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering. The awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering. Due: 7/28/09. Link: www.grants.gov (funding opp #: AFOSR-BAA-2009-2).

American Wildlife Conservation Foundation, Inc.: *Grants Program*. The sponsor awards grants throughout the United States and Canada for projects related to conservation of fish and wildlife resources. Due: 8/1/09. Link: <http://www.americanwildlifeconservationfoundation.org/grants.htm>

Autism Speaks: *Pilot Studies*. The sponsor invites grant applications to conduct biomedical research pilot studies into the causes, diagnosis, treatment, prevention and cure of autism spectrum disorders. Due: 4/22/09 (Mandatory Letters of Intent); 6/24/09 (Full Proposals). Link: http://www.autismspeaks.org/docs/sciencedocs/grants/2009_Pilot_RFA.pdf

CDC: *Exploratory and/or Developmental Grants*. The Centers for Disease Control and Prevention seeks applications to develop an understanding of the risks and conditions that are associated with occupational diseases and injuries, to explore methods for reducing risks and for preventing or minimizing exposure to hazardous conditions in the workplace, and to translate significant scientific findings into prevention practices and products that will effectively reduce work related illnesses and injuries. Emphasis is placed on research projects addressing needs in NORA, such as: agriculture, forestry & fishing; construction; health care & social assistance; and manufacturing, among many others. Due: 9/8/12. Link: www.grants.gov (CFDA #: 93.262).



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STEM (continued)

Department of the Air Force: *Advanced Development of Protection Technologies*. The Air Force solicits research proposals addressing development and demonstration of materials and techniques for the optical and structural hardening of Air Force Intelligence, Surveillance and Reconnaissance (ISR) and targeting sensors. The resulting programs will seek to mature previously developed concepts for application to component, subsystem or system level platforms. Due: N/A.

Link:

https://www.fbo.gov/index?s=opportunity&mode=form&id=ef4a5b90b4a1558b8ea6511208500ea5&tab=core&_cview=0&ck=1&au=&ck=

Department of the Air Force: *Modeling and Experiment with Carbon Nanotubes for Applications in High Performance Circuits*. The Air Force Research Laboratory is soliciting proposals to outline a study program whose objective is to determine ultimate performance, analytically, of a variety of electronic circuits based on the ultimate performance of a carbon nanotube transistor. Due 4/30/09. Link: www.grants.gov (funding opp #: BAA-VS-06-05-0017).

Department of the Air Force: *Space Electronics – Modeling and Experiment with Compound Semiconductors for Applications in High Performance Circuits*. The Air Force Research Laboratory is soliciting proposals to outline a study program whose objective is to model wrap around gate Field Effect Transistors developed with large bandgap radiation tolerant materials, and to fabricate representative devices for ultimate testing to determine empirical performance. Due: 4/30/09. Link: www.grants.gov (funding opp #: BAA-VS-06-05-0016).

Department of Transportation: *Transportation and Air Quality Emissions Analysis*. The objective of the upcoming BAA is to advance the practice and application of emissions analysis and modeling among state, regional and local transportation and air quality agencies in meeting specific transportation provisions in the Clean Air Act, and to disseminate these techniques and approaches in a timely manner. Due: N/A.

Link: https://www.fbo.gov/?s=opportunity&mode=form&id=4f24593c23d3d287d3fda4b31da8e16f&tab=core&_cview=0

Directorate for Biological Sciences/NSF: *Biological Research Collections*. Provides funds for improvements to network, secure, and organize established natural history collections for sustained, accurate, and efficient accessibility of the collection to the biological research community. Due: 7/24/09.

Link: http://www.nsf.gov/pubs/2009/nsf09548/nsf09548.txt?govDel=USNSF_25

Directorate for Biological Sciences/NSF: *Living Stock Collections*. Provides support for long-term and short-term activities related to the collection of living organisms used in basic biological research. Due: 7/15/09.

Link: <http://www.nsf.gov/pubs/2009/nsf09550/nsf09550.htm#cont>

Directorate for Mathematics and Physical Sciences/NSF: *Biomaterials*. Funding is provided to support fundamental research at the intersection of the physical, chemical, and biological sciences. Proposals focused on the preparation, characterization, structure-property relationships, and applications of biomaterials are encouraged. Due: 10/31/09.

Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13699

Directorate for Mathematics and Physical Sciences/NSF: *Condensed Matter Physics*. The Condensed Matter Physics program supports experimental, as well as combined experiment and theory projects investigating the fundamental physics behind phenomena exhibited by condensed matter systems. Due: 10/31/09.

Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5666

Directorate for Mathematics and Physical Sciences/NSF: *Electronic and Photonic Materials*. The goal of this program is to advance the field of electronics and photonics through basic, potentially transformative materials science research. Due: 10/31/09. Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5353



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Directorate for Mathematics and Physical Sciences/NSF: *Metallic Materials and Nanostructures*. Using the combined tools of experiment, theory and computer simulations, the goals of this program are to enable the advancement of fundamental understanding of metallic materials from the atomic to nano-structural to bulk length scales via imaginative and, especially, transformational research. Due: 10/31/09. Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5351

Directorate for Mathematics and Physical Sciences/NSF: *Polymers*. The sponsor provides funding to support basic research and education on polymeric materials. Due: 10/31/09.
Link: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5357

EPA: *Reliability and Life Expectancy of Decentralized Wastewater Treatment Systems*. The purpose of this program is to develop reliability and life expectancy data (tables, charts, graphs) for use by operators/managers/owners of decentralized wastewater systems. The current lack of this type of information has hindered the proper operation and maintenance of decentralized wastewater systems, contributing to failing systems that endangered public health and the aquatic environment. Due: 5/18/09. Link: <http://www.epa.gov/nrmrl/tech/funding/solicitation/ci0905solicit.pdf>

Golden Field Office/DOE: *Advanced Water Power Projects*. This multi-topic area funding program solicits partnerships with U.S. industry for the testing, demonstration, validation and development of advanced waterpower systems. The program's purpose is to advance the commercial viability, cost-competitiveness, and market acceptance of these novel systems. Due: 5/6/09 (Letters of Intent); 6/4/09 (Applications). Link: www.grants.gov (funding opp #: DE-PS36-08GO98030)

Leakey (Louis S.B.) Foundation: *General Research Grants*. Funding is provided to foster research into human origins. Advanced doctoral students as well as established scientists are eligible for general research grants. Due: 7/15/09.
Link: <http://www.leakeyfoundation.org/granting-program.html>

National Center for Research Resources/NIH/DHHS: *Development of Animal Models and Related Biological Materials For Research*. The sponsor solicits applications from organizations proposing to develop, characterize or improve animal models for human disease or to improve diagnosis and control diseases of laboratory animals that may interfere with research. Models to be considered must be applicable to the research interests of two or more categorical NIH Institutes/Centers. Due: 2/16, 6/16, 10/16 (annually for applications); 1/7, 5/7, 9/7 (annually for AIDS-related applications). Link: <http://grants1.nih.gov/grants/guide/pa-files/PA-07-336.html>

National Energy Technology Laboratory/DOE: *Environmental Sciences and Technology Development*. The sponsor will make awards to projects that focus on (1) water resources and water management for shale gas development as well as the science to support regulatory streamlining and permitting associated with shale gas development and (2) technological solutions for Alaskan water management issues arising from development of local oil and natural gas resources for use by remote communities. Due: 6/5/09. Link: www.grants.gov (funding opp #: DE-FOA0000038).

NICHHD: *Outcomes Research in Orthotics and Prosthetics*. The National Institute of Child Health and Human Development solicits investigator initiated grant applications for new collaborations between different disciplines that will lead to scientific advances in systems outcome research for individual consumers of orthotics or limb prosthetics. Activities should strive to design, develop and test effective health system outcome measures and critical components to improve the health and quality of life of consumers of orthotics or limb prosthetics. Due: 6/24/09 (Letter of Intent); 7/24/09 (Proposal).
Link: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-09-007.html>

NIH: *Arthritis and Musculoskeletal and Skin Diseases*. The National Institutes of Health's National Institute of Arthritis and Musculoskeletal and Skin Diseases seeks applications for projects that perform replication, fine-mapping, and sequencing studies of human genomic regions that are putatively associated with phenotypes relevant to the NIAMS mission. Diseases of interest include but are not limited to: rheumatoid arthritis, systemic lupus ankylosing spondyloarthritis, gout, scleroderma, psoriasis, vitiligo. Due: 8/31/09, 6/1/10, 6/1/11 (Letters of Intent); 6/29/11 (Proposals).
Link: <http://grants.nih.gov/grants/guide/pa-files/PAR-09-135.html>



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NIH: *Community-based obesity research.* The National Institutes of Health seeks proposals to enhance childhood obesity research by fostering the formation of local, state or regional teams consisting of researchers, policymakers and other relevant stakeholders in order to identify research questions and hypotheses, design and implement the relevant research, and translate the research into evidence relevant to potential policy efforts in this area. Activities should create opportunities for and generate best practices of researchers working with policymakers and other key stakeholders, such as health care practitioners, public health officials, community leaders, and educators, to develop solutions for childhood obesity. Due: 5/7/12. Link: <http://grants.nih.gov/grants/guide/pa-files/PA-09-141.html>

NIH: *Heterogeneity in Autism Spectrum Disorders.* The National Institutes of Health is accepting applications for relevant research on the heterogeneity of Autism Spectrum Disorders. Research may include: measurement development, biomarkers/biological signatures, immune and central nervous systems interactions, genetics/genomics, environmental risk factors, model development, and services research, among others. Due: 5/12/09. Link: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-09-172.html>

NSF: *Developmental and learning sciences.* NSF seeks proposals for fundamental research that increases understanding of cognitive, linguistic, social, cultural and biological processes related to children's and adolescents' development and learning. Among the many research topics supported are: developmental cognitive neuroscience; development of higher-order cognitive processes; transfer of knowledge from one domain or situation to another; use of molecular genetics to study continuities and discontinuities in development; development of peer relations and family interactions; and multiple influences on development, including the impact of family, school, community, social institutions and the media. Due: 7/15/09. Link: www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671

NSF: *Physics of living systems.* NSF's Physics of Living Systems program evolved from the successful Biological Physics program, which it is replacing. It will target theoretical and experimental research exploring the most fundamental biological processes that living systems utilize to perform their functions in dynamic and diverse environments. Awards cover the spectrum of physics approaches in biology: from the physical principles and mechanisms at the single cell level to collective behavior and evolution of complexity in life forms and living populations of organisms. Due: 7/31/09. Link: www.nsf.gov/funding/pgm_summ.jsp?pims_id=6673

NSF: *Science of learning centers.* NSF's Science of Learning Centers supports research that harnesses and integrates knowledge across multiple disciplines to create a common groundwork of conceptualization, experimentation and explanation that anchor new lines of thinking and inquiry toward a deeper understanding of learning. Currently, the program is accepting proposals for Workshops, EARly-concept Grants for Exploratory Research (EAGER), Rapid Response Grants (RAPID), and supplements to NSF awards. The program places high value on creativity, integration of theoretical and empirical work, innovative models of research and research transfer, and inventive uses of technology. Due: 8/3/09. Link: www.nsf.gov/funding/pgm_summ.jsp?pims_id=5567

NSF: *Structural materials and mechanics.* NSF's Structural Materials and Mechanics program supports fundamental research on the behavior of civil infrastructure materials and the mechanics of structural components in the built environment. Emphasis is placed on research on structural components consisting of natural and synthetic materials, their response to mechanical, hydrothermal and time-dependent loads, and their impact on life-cycle performance and sustainable development of the civil infrastructure. Due: 10/1/09. Link: www.nsf.gov/funding/pgm_summ.jsp?pims_id=13357

NSF: *Computational mathematics.* NSF seeks proposals for research in areas of science where computing plays a central and essential role, emphasizing algorithms design, numerical methods and their analysis, and symbolic methods. Proposals ranging from single-investigator projects that develop and analyze innovative computational methods to interdisciplinary team projects that not only create new mathematical and computational techniques but use them to model, study and solve important application problems are encouraged. Due: 12/15/09. Link: www.nsf.gov/funding/pgm_summ.jsp?pims_id=5390



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Transportation Research Board: *Transit Cooperative Research Program – Expediting Future Technologies for Enhancing Transportation System Performance*. The sponsor has issued a request for proposals to develop a process that transportation agencies can use to identify, assess, shape, and adopt new and emerging technologies to achieve long-term system performance objectives. Due: 6/4/09. Link: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2633>

Transportation Research Board: *Transit Cooperative Research Program – Long-Range Strategic Issues Affecting Preservation, Maintenance, and Renewal of Highway Infrastructure*. The sponsor has issued a request for proposals to develop guidance for transportation stakeholders on emerging materials, tools, approaches, and technologies that could be used to deal with long-range (30 to 50 years) highway infrastructure maintenance, preservation, and renewal needs and ensure satisfactory system condition and performance. Due: 6/9/09. Link: <http://www.trb.org/TRBNet/ProjectDisplay.asp?ProjectID=2630>

Waterbird Society: *Nisbet Research Grants*. The sponsor provides funding to support research on waterbirds with preference given to research on gulls or terns. Due: 7/15/09. Link: <http://www.waterbirds.org/grants>