

Funding Bulletin

Funding Opportunities for Research, Instruction, Service, Creative Activities
Fellowships and International Programs

October 9, 2006

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Program Information

To receive program descriptions and application forms for funding opportunities, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

Limited Submissions

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Dr. Jim Guikema, Associate Vice Provost for Research, is the internal coordinator for limited submission programs. Please notify him at 785-532-6195, email: guikema@ksu.edu, by the Internal due date listed in the Funding Bulletin or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program. Currently posted Internal Deadlines: <http://www.k-state.edu/research/funding/bulletins/bul06/internaldl/newlimits.htm>

GENERAL

36-1 Research Interests of the Air Force Office of Scientific Research (DOD)

The Air Force Office of Scientific Research (AFOSR) manages the basic research investment for the U.S. Air Force (USAF). As a part of the Air Force Research Laboratory (AFRL), AFOSR's technical experts foster and fund research within the Air Force Research Laboratory, universities, and industry laboratories to ensure the transition of research results to support USAF needs. Using a carefully balanced research portfolio, research managers seek to create revolutionary scientific breakthrough, enabling the Air Force and U.S. industry to produce world-class, military significant, and commercially valuable products. To accomplish this task, AFOSR solicits proposals for research through this general Broad Agency Announcement (BAA). This BAA outlines the Air Force Defense Research Sciences Program. AFOSR invites proposals for research in many broad areas. AFOSR-BAA-2007-1 (FBO 9/30/06)

URL: <http://www.fbo.gov>
Deadline: 9/30/2007

36-2 U.S. - Mexico Border at 2012 Program (EPA)

The goal of this Request for Proposals

(RFP) is to support preventing pollution and ecosystem damage, waste minimization, disposal and remediation, training, outreach, and/or education, through innovative projects that are aligned with EPA's strategic objective to sustain and restore community health and preserve the ecological systems along the U.S.-Mexico Border. EPA-REG6-USMB2012-2006 (GG 9/20/06)

URL: <http://www.epa.gov/usmexicoborder>

Deadline: 11/20/2006

36-3 Uncertainty Analyses of Models in Integrated Environmental Assessments (EPA)

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing interdisciplinary research in the formal treatment of uncertainty when models are used to conduct integrated environmental assessments. Integrated assessments use findings, data, and methods across different disciplines to generate information about a particular issue. For example, to assess the impact of mercury on public health and the environment, EPA integrated results from air dispersion models, exposure models, health effects models, and economic models (EPA 2005). To facilitate integrated assessments, models are used either 1) as a single, overarching model that integrates all pertinent information; or, as in EPA's impact assessment for mercury, 2) uncertainties that arise during decision-making, as stakeholders discuss the weight of scientific evidence embodied within these models. EPA-G2007-STAR-B1

URL: http://es.epa.gov/ncer/rfa/2006/2006_star_uncertainty.html

Deadline: 12/13/2006

36-4 Research in the Area of Mathematical Biology (DMS/GMS) (NSF)

The Division of Mathematical Sciences in the Directorate for Mathematical and Physical Sciences and the National Institute of General Medical Sciences at the National Institutes of Health plan to support research in mathematics and statistics related to mathematical biology research. Both agencies recognize the need and urgency for additional research at the boundary between the mathematical sciences and the life sciences. This competition is designed to encourage new collaborations at this interface, as well as to support existing ones. NSF 06-607 (Posted 9/15/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06607/nsf06607.htm>

Deadline: 12/15/2006

AGRICULTURE

36-5 Iraq Agricultural Extension Revitalization Project (USDA)

USDA requests start-up proposals from U.S. land-grant institutions to strengthen agricultural extension and training at select Iraqi agricultural universities so as to revitalize the agriculture sector in Iraq. The Iraq Agricultural Extension Revitalization Project (IAER) will be implemented by providing extension training programs for Iraqi nationals in the U.S. and at third country sites in ways that enhance agricultural management, production, and marketing related to small and medium-sized production enterprises. Training will be provided through partnerships that are built between U.S. land-grant institutions and Iraqi agricultural universities in each of five governorates of Iraq. Using support from IAER, a lead land-grant institution will organize, oversee and manage a consortium consisting of the lead institution and four other U.S. land-grant institutions. The five consortium members will partner with five agricultural universities from across Iraq. USDA-CSREES-OP-000161 (GG 9/25/06)

URL: http://www.csrees.usda.gov/funding/rfas/iraq_rfa.html

Deadline: 11/8/2006

EDUCATION

36-6 Training and Information for Parents of Children with Disabilities Program (ED)

The purpose of this program is to ensure that parents of children with disabilities receive training and information to help improve results for their children. The priority supports parent training and information centers that will provide parents of children with disabilities, including low-income parents, parents of limited English proficient children, and parents with disabilities, with the training and information they need to enable them to participate effectively in helping their children with disabilities. The Assistant Secretary is making awards in five-year cycles for each State. In FY 2007, applications for 5-year awards will be accepted for the following states: Arkansas, California, Connecticut, Georgia, Illinois, Kansas, Michigan, Montana, New Jersey, New Mexico, Ohio, Oregon, South Carolina, Texas and Utah. CFDA #84.328M (FR 9/26/06)

URL: <http://www.ed.gov/news/fedregister>

Deadline: 11/13/2006

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

36-7 FY 2007 University Nanosat

Program (DOD)

The Air Force Office of Scientific Research (AFOSR) announces a fiscal year 2007 competition for research to promote and sustain university research and education focused on small satellites (nanosats) and related technologies. This competition is limited to institutions of higher education with degree granting programs in science, mathematics, and/or engineering. Collaborations with government agencies or industry are highly desirable. AFOSR-BAA-2006-06 (FBO 9/30/06)

URL: <http://www.fbo.gov>

Deadline: 10/16/2006

36-8 Quantum Sensors Program (DOD)

The Defense Advanced Research Projects Agency's (DARPA) Strategic Technology Office (STO) is soliciting proposals under this BAA for the Quantum Sensors Program (QSP). The objective of QSP is to develop practical sensors operating outside of a controlled laboratory environment that exploit non-classical photon states (e.g. entangled, squeezed, or cat) to surpass classical sensor resolution. The first selection is due November 22, 2006. It is anticipated that the majority of the funding for this program will be committed during the first selections. BAA06-07 (FBO 9/29/06)

URL: <http://dtsn.darpa.mil/qsp>

Deadline: 11/22/2006, 9/29/2007

36-9 Manufacturing Education Plan Grants, Research Initiation Grants and Special Awards (SME)

Recipients of the SME Education Foundation's MEP grants, Research Initial Grants and Special Awards share a common goal: to expand and improve manufacturing, engineering, science, and technology education. The Foundation is committed to equipping tomorrow's manufacturing workforce with the knowledge and skills to be an effective, efficient and innovative force in global manufacturing. These grants serve as catalysts to encourage collaboration between industry and educational institutions in communities and regions while stimulating the use of new and emerging manufacturing technology in innovative approaches to the development of manufacturing curricula.

URL: <http://www.sme.org/foundation>

Deadline: 12/5/2006

36-10 Missile Defense Agency Broad Agency Announcement for Advanced Technology (MDA/DV) (DOD)

The mission of the Missile Defense Agency (MDA) is to develop an integrated ballistic missile defense system (BMDS) to defend the United States and its deployed forces, allies, and friends from ballistic missile attack. As part of that effort, MDA will develop and test new technologies to provide early capabilities or improve the effectiveness of deployed capabilities to counter new threats. To investigate these new technol-

ogies, the Deputy for Advanced Technology (MDA/DV) established the Advanced Technology Innovation Cell (ATIC) to pursue and assess emerging technologies, innovative concepts, and advanced algorithms to improve the BMDS capability. Specific research areas for each missile defense phase encompass Surveillance, Acquisition and Tracking, Discrimination, Communications, Engagement Planning, Threat Engagement, and Kill Assessment. HQ0006-06-MDA-BAA (FBO 8/1/06)

URL: <http://www.fbo.gov>

Deadline: 7/31/2008

HEALTH & LIFE SCIENCES

36-11 Special Topic Course: Exploratory Auditory and Vestibular Biology (R25) (NIH)

This FOA will use the NIH Research Education (R25) grant mechanism to fund a new educational course dedicated to the auditory and vestibular biological sciences. The course should cover the wide breadth of fundamental auditory/vestibular biology in a combined lecture and hands-on format. The NIDCD intends to fund one new grant in response to this RFA. RFA-DC-07-006 (NIHG 9/29/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-07-006.html>

Deadline: Letters of Intent 10/22/2006; Applications 11/22/2006

SOCIAL SCIENCES

36-12 Culturally Appropriate Research to Prevent HIV Transmission and Infection in Young People (R21) (NIH)

This funding opportunity announcement (FOA) solicits Exploratory/Developmental (R21) grant applications from applicant organizations that invite research that incorporates an in-depth understanding of cultural appropriateness to HIV prevention research among young people in the United States or abroad. The overall purpose of the FOA is to develop theoretically grounded approaches to prevention of HIV infection and transmission in young people based upon a broad definition of culture. At minimum this involves knowledge of the norms, beliefs and values of youth in varied contexts, and an appreciation of culture as dynamic. This Funding Opportunity Announcement (FOA) will utilize the R21 grant mechanism and runs in parallel with an FOA of identical scientific scope, RFA-NR-07-003, that solicits applications under the R01 mechanism. RFA-NR-07-002 (NIHG 9/22/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-07-002.html>

Deadline: Letters of Intent 11/21/2006; Applications 12/21/2006

36-13 W.E.B. DuBois Fellowship Program 2007 (DOJ)

The National Institute of Justice (NIJ) is the research, development, and evaluation agency of the U.S. Department of Justice

and a component of the Office of Justice Programs (OJP). NIJ provides objective, independent, evidence-based knowledge and tools to enhance the administration of justice and public safety. NIJ solicits proposals to inform its search for the knowledge and tools to guide policy and practice. The W.E.B. DuBois Fellowship Program seeks to advance knowledge regarding the confluence of crime, justice, and culture in various societal contexts. The Fellowship places particular emphasis on crime, violence, and the administration of justice in diverse cultural contexts. 2006-NIJ-1383 (GG 7/25/06)

URL: <http://www.ncjrs.gov/pdffiles1/nij/SL000753.pdf>

Deadline: 2/1/2007

STUDENTS

36-14 SBE Doctoral Dissertation Research Improvement Grants (NSF)

The National Science Foundation's Division of Behavioral and Cognitive Sciences (BCS), Division of Social and Economic Sciences (SES), and the Division of Science Resources Statistics (SRS) awards grants to doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university. Additionally, these grants allow doctoral students to undertake significant data-gathering projects and to conduct field and archival research in settings away from their campus that would not otherwise be possible. Funds may be used for valid research expenses which include, but are not limited to, conducting field research, data collection and sample survey costs, payments to subjects or informants, specialized research equipment, analysis and services not otherwise available, supplies, and partial living expenses for conducting necessary research away from student's university. NSF 06-605 (Posted 9/14/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06605/nsf06605.htm>

Deadline: Varies by discipline, earliest Political Science 1/15/2007

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