

# Funding Bulletin

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

March 5, 2007

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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](mailto: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](mailto: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/bul07/newlimits.htm>

## GENERAL

### 9-1 Science of Science and Innovation Policy (SciSIP) (NSF)

The Directorate for Social, Behavioral and Economic Sciences (SBE) at the National Science Foundation aims to foster the development of the knowledge, theories, data, tools and human capital needed to cultivate a new Science of Science and Innovation Policy (SciSIP). SciSIP will underwrite fundamental research that creates new explanatory models and analytic tools designed to inform the nation's public and private sectors about the processes through which investments in science and engineering (S&E) research are transformed into social and economic outcomes. SciSIP's goals are to understand the contexts, structures and processes of S&E research, to evaluate reliably the tangible and intangible returns from investments in research and development (R&D), and to predict the likely returns from future R&D investments within tolerable margins of error and with attention to the full spectrum of potential consequences. An individual may appear as Principal Investigator or co-PI, other senior personnel or investigator on only one SciSIP proposal submitted in FY 2007. NSF 07-547 (Posted 2/21/07)  
**URL:** <http://www.nsf.gov/pubs/2007/nsf07547/nsf07547.htm>  
**Deadline:** 5/22/2007

## AGRICULTURE

### 9-2 Impact of Processing on Meal Quality and Economics Study (USB)

The United Soybean Board (USB) Domestic Marketing Committee invites proposals to study the Impact of Processing on Soybean Meal Quality and Economics. This project was identified for the Supply and Animal Utilization target areas. Quality of soybean meal can be either enhanced or degraded through processing, which in turn affects the value of the meal and the bean at the farm gate. In order to measure the potential of improving traits that affect soybean meal quality, this study is commissioned to establish the ratio of value assessment that should be assigned from trait improvements versus processing technique. This project should focus on monogastric diets, primarily chicken, hogs, and turkeys. Projects focusing on ruminant diet will not be considered.  
**URL:** <http://www.unitedsoybean.org>  
**Deadline:** AES 3/12/2007

### 9-3 Conservation Innovation Grants (USDA)

The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. CIG projects are expected to lead to the transfer of conservation technologies, management systems, and innovative approaches (such as market-based systems) into NRCS technical manuals or guides, or to the private sector. CIG does not fund research projects. Instead, it is a vehicle to stimulate the development and adoption of conservation approaches to technologies that have been studied sufficiently to indicate a likelihood of success and that are candidates for eventual technology transfer. USDA-NRCS-KS-07-01 (GG 2/22/07)  
**URL:** <http://www.grants.gov/search/search.do?mode=VIEW&oppld=12717>  
**Deadline:** 4/2/2007

## EDUCATION

### 9-4 Early Childhood Educator Professional Development (ECEPD) Program (ED)

The purpose of the ECEPD program is to enhance the school readiness of young children, particularly disadvantaged young children, and to prevent them from encountering difficulties once they enter school, by improving the knowledge and skills of early childhood educators who work in communities that have high concentrations of children living in poverty. For these grants, the Department

is increasing the emphasis on the quality of program evaluations. CFDA: 84.349A (FR 2/21/07)  
**URL:** <http://www.ed.gov/news/fedregister>  
**Deadline:** 4/20/2007

### 9-5 Course, Curriculum, and Laboratory Improvement (NSF)

The Course, Curriculum, and Laboratory Improvement (CCLI) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. The program supports efforts to create new learning materials and teaching strategies, develop faculty expertise, implement educational innovations, assess learning and evaluate innovations, and conduct research on STEM teaching and learning. The program supports three types of projects representing three different phases of development, ranging from small, exploratory investigations to large, comprehensive projects. NSF 07-543 (Posted 1/18/07)  
**URL:** <http://www.nsf.gov/pubs/2007/nsf07543/nsf07543.htm>  
**Deadline:** 5/8/2007, 1/10/2008

## ENGINEERING

### 9-6 Diagnostic Systems for Magnetic Fusion Energy Sciences Experiments (DOE)

The Office of Fusion Energy Sciences (OFES) of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving grant applications to conduct experimental research for the development of new measurement capabilities in magnetic fusion plasmas, leading to improved understanding of plasma behavior in fusion experiments relevant to the U.S. program in magnetic fusion energy sciences. DE-PS02-07ER07-10 (GG 2/1/07)  
**URL:** <http://www.grants.gov/search/search.do?mode=VIEW&oppld=12433>  
**Deadline:** 4/3/2007

### 9-7 Atmospheric Radiation Measurement (ARM) Program (DOE)

The Office of Biological and Environmental Research of the Office of Science, U.S. Department of Energy (DOE), announces its interest in receiving applications to develop innovative techniques for observational data analysis and improved/new climate modeling parameterizations that represent clouds and their impact on the atmospheric radiation balance in conjunction with the Atmospheric Radiation Measurement (ARM) Program in the Climate Change Research Division as part of the U.S. Climate Change Science Program. DE-PS02-07ER07-24 (GG 2/22/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=12695>  
Deadline: 5/7/2007

### 9-8 Proliferation Detection Program (DOE)

This is a recurring requirement to establish/maintain a research or developmental capability to be provided by educational institutions in accordance with Subpart 6.302-3 of the Federal Acquisition Regulations. A Broad Agency Announcement (BAA) is contemplated to encourage greater participation by academia in the Proliferation Detection Program (PDP) of the National Nuclear Security Administration's (NNSA) Office of Nonproliferation Research Development (NA-22). Under the BAA, the institutions of higher education will be invited to submit proposals for research and development that address broad topical areas of technical interest to the program. DE-AR52-07NA28115 (FBO 2/22/07)  
URL: <http://www.fbo.gov/spg/DOE>  
Deadline: N/A

### 9-9 Cognitive Technology Threat Warning System (DOD)

In anticipation of a potential program on the topic of Cognitive Technology Threat Warning System (CT2WS), DARPA is hosting a Proposer's Day Workshop that will provide information on the program vision, program milestones and opportunities associated with the development of an interdisciplinary team to respond to a planned upcoming solicitation—BAA07-25. The objective of the DARPA CT2WS program is to drive a breakthrough in soldier-portable visual threat warning devices. SN07-20 (FBO 2/15/07)  
URL: <http://www.eventmakeronline.com/dso/View/index.asp?MeetingID=502>  
Password: ecc031307  
Deadline: Workshop 3/15/2007

## HEALTH & LIFE SCIENCES

### 9-10 Innovation Funding Grants to Improve Kansas Health (UMHM)

The United Methodist Health Ministry Fund announces a special allocation of \$500,000 for innovation funding grants in 2007. The funding is earmarked specifically to support practical, promising ideas to improve oral health, access to health care, and physical activity and nutrition.  
URL: <http://www.healthfund.org>  
Deadline: Required Letters of Intent 4/16/2007

### 9-11 Molecular Probes for Microscopy of Cells (R01) (NIH)

The purpose of this funding opportunity is to evaluate promising but unproven general purpose enabling technologies for the routine detection by microscopy of single molecules and single molecular events inside cells. Applications are invited for: 1) feasibility studies for new classes of high signal output molecular imaging probes; 2) evaluation of general purpose

methods for the delivery and specific targeting of externally administered imaging probes without disturbing cellular physiology; and 3) basic research on underlying fundamental photophysical phenomena relevant to improving the spectral properties of fluorescent probes. PAR-07-234 (NIHG 2/23/07)  
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-234.html>  
Deadline: Letters of Intent 4/25/2007, 7/29/2007; Applications 5/25/2007, 8/29/2007

### 9-12 Diet Composition and Energy Balance (R01) (NIH)

The goal of this funding opportunity announcement (FOA) is to invite Research Project Grant (R01) applications investigating the role of diet composition in energy balance, including studies in both animals and humans. Both short and longer-term studies are encouraged, ranging from basic studies investigating the impact of micro- or macronutrient composition on appetite, metabolism, and energy expenditure through clinical studies evaluating the efficacy of diets differing in micro- or micronutrient composition, absorption, dietary variety, or energy density for weight loss or weight management. PA-07-218 (NIHG 2/16/07)  
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-218.html>  
Deadline: 6/5/2007, 10/5/2007, 2/5/2008

### 9-13 Cooperative Research Partnerships for Biodefense (U01) (NIH)

The purpose of this Request for Applications is to support discovery/design and development of vaccines, therapeutics, immunotherapeutics, adjuvants and medical diagnostics for NIAID Category A, B, and C priority pathogens and toxins. This RFA will utilize the U01 cooperative agreement grant mechanism. RFA-AI-07-003 (NIHG 12/1/06)  
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-07-003.html>  
Deadline: Letters of Intent 5/18/2007; Applications 6/18/2007

## INTERNATIONAL/MULTICULTURAL

### 9-14 Egyptian Democracy and Governance (STATE)

This Annual Program Statement (APS), which includes the Good Governance in Education Program, solicits applications from prospective partners to promote democracy and improve governance by complementing the U.S. Agency for International Development (USAID)'s existing activities. Currently, USAID's democracy and governance program supports the Government of Egypt in improving the effectiveness and transparency of commercial/civil courts; improving the mediation capacity and public awareness of family courts; developing the public defense system associated with criminal

courts; increasing the professional capacity of Egyptian journalists and the economic performance of the print and broadcast sectors; and supporting democratic local government and decentralization. USAID is also working with Egyptian and international civil society organizations in promoting credible elections processes, promoting increased citizen participation in governance and strengthening civil society organizations. USAID is contemplating future efforts to protect human rights, promote public accountability and improve the effectiveness of the administration courts.  
URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppld=12276>  
Deadline: Concept Papers 5/31/2007

### 9-15 Transatlantic Research Cooperation Program (Transcoop) (AVHF)

The Alexander von Humboldt Foundation supports transatlantic research cooperation among German, American and/or Canadian scholars in the humanities, social sciences, economics, and law by means of the TransCoop Programme. Prerequisite is that the amount granted by TransCoop is matched by funds from US and/or Canadian sources. Funds can be used to finance short-term research visits, special conferences and work-shops, material and equipment, printing costs, and research assistance.  
URL: <http://www.humboldt-foundation.de/>  
Deadline: 4/30/2007

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