

# Funding Bulletin

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

March 27, 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](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 (FB 12-2) 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>

## NOTICE

### 12-1 Kansas Statewide EPSCoR Conference (KS)

This year the Kansas Statewide EPSCoR Conference will be held in the Adams Alumni Center at The University of Kansas on April 25, 2006. The theme of the conference is Cross-Cutting Research and Training. In addition to distinguished speakers and panelists, Dr. Sherry Farwell, Head of the NSF EPSCoR Office, and Karen Sandberg, the NSF Program Officer for the current Kansas NSF EPSCoR Research Infrastructure Improvement Award will be attending. Conference attendance is free but registration by April 7 is required and limited to the first 100 registrants.

URL: <http://www.nsfepscor.ku.edu>

Deadline: Registration 4/7/2006; Conference 4/25/2006

## GENERAL

### 12-2 NSF Graduate Teaching Fellows in K-12 Education (GK-12) (NSF)

This program provides funding to graduate students in NSF-supported science, technology, engineering and mathematics (STEM) disciplines to acquire additional skills that will broadly prepare them for professional and scientific careers in the 21st century. Through interactions with teachers in K-12 schools, graduate students can improve communication and teaching skills while enriching STEM

instruction in K-12 schools. The GK-12 program is transitioning to offering only non-renewable 5 year awards. Graduate students pursuing degrees in science education are not eligible. Fellows can be supported on the grant for no more than 2 years. Only one proposal per institution is allowed. NSF 06-556 (Posted 3/20/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06556/nsf06556.htm>

Deadline: Internal 4/5/2006; Letter of Intent 5/5/2006; Proposal 6/19/2006

### 12-3 International Polar Year (IPY) (NSF)

The International Polar Year 2007-2008 (IPY) will extend from March 2007 through March 2009. IPY is envisioned as an intense scientific campaign to explore new frontiers in polar science, improve our understanding of the critical role of the polar regions in global processes, and educate the public about the polar regions. Projects are expected to involve a pulse of activity during the IPY period; have multi and interdisciplinary scopes; leave a legacy of infrastructure and data; expand international cooperation; engage the public in polar discovery; and help attract the next generation of scientists and engineers. In anticipation of IPY, the Office of Polar Programs (OPP) and the Directorate for Education and Human Resources (EHR) have identified special emphasis areas that will require preparation in advance of IPY: ice sheet history and dynamics; biological adaptations at the cellular and genomic level to life in extreme cold and prolonged darkness; and the arctic observing network. NSF 06-534 (Posted 1/31/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06534/nsf06534.htm>

Deadline: 5/1/2006

### 12-4 Methodological Advances in Benefit Transfer Methods (EPA)

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research, designed to identify and reduce uncertainties and potential biases associated with benefit transfer methods. The lack of economic values for the human health and ecological benefits experienced by environmental causes hampers the ability of analysts to conduct accurate benefit-cost analysis for environmental policymaking. EPA is interested in economic valuation research that will enhance the ability of public and private stakeholders to evaluate policies and actions using benefit transfer methods. EPA-G2006-STAR-G-1

URL: [http://es.epa.gov/ncer/rfa/2006/2006\\_star\\_methodological.html](http://es.epa.gov/ncer/rfa/2006/2006_star_methodological.html)

Deadline: 5/16/2006

### 12-5 Structural Biology of Membrane Proteins (R01) NIH

This PA solicits applications to develop research and methods to enhance the rate of membrane protein structure determination and to determine specific membrane protein structures. Innovative methods for expression, oligomerization, solubilization, stabilization, purification, characterization, crystallization, isotopic labeling, and structure determination of unique and biologically significant membrane proteins by x-ray diffraction, nuclear magnetic resonance (NMR), electron microscopic, mass spectrometry, and other biophysical techniques are encouraged. Projects that will lead in the near term to determining the structures of biologically important membrane proteins are also encouraged. PA-06-119 (NIHG 1/20/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-06-119.html>

Deadline: 6/1/2006, 10/1/2006, 2/1/2007

## AGRICULTURE

### 12-6 Rural Cooperative Development Grants (USDA)

The Rural Business-Cooperative Service announced the availability of funding for the FY 2006 Rural Cooperative Development Grant (RCDG) Program. The primary objective of the RCDG program is to improve the economic condition of rural areas through cooperative development. Grant funds are provided for the establishment and operation of Centers that have the expertise or who can contract out for the expertise to assist individuals in the startup, expansion or operational improvement of cooperative businesses. (FR 3/20/06)

URL: <http://www.rurdev.usda.gov/rbs/coops/rcdg/rcdg.htm>

Deadline: 5/20/2006

### 12-7 Youth Farm Safety and Education Certification Program (USDA)

The Youth Farm Safety and Education Certification Program supports national efforts to deliver timely pertinent and appropriate training to youth seeking employment or already employed in agricultural production. Funding categories are projects that: update and assess curricula, testing, procedures and certification standards/ conduct research on the effectiveness of current regulations, the health, labor and economic impacts of making changes and employment trends of youth in agriculture; and especially identify and develop education programs that reduce agricultural hazards to young workers.

USDA-GRANTS-0201506-001

**URL:** <http://www.csrees.usda.gov/foi/fundview.cfm?fonum=1093>

**Deadline:** 4/24/2006

### **12-8 Community Outreach and Assistance Partnership Program (USDA)**

The Federal Crop Insurance Corporation (FCIC), operating through the Risk Management Agency (RMA), announces the availability of funding for collaborative outreach and assistance programs for women, limited resource, socially disadvantaged and other traditionally underserved farmers and ranchers, who produce Priority Commodities as defined in Part I.C. of the announcement. Awards under this program will be made on a competitive basis for projects of up to one year. Recipients of awards must demonstrate non-financial benefits from a partnership agreement and must agree to the substantial involvement of RMA in the project. (GG 3/1/06)

**URL:** <http://www.rma.usda.gov/>

**Deadline:** 5/1/2006

## **BUSINESS**

### **12-9 Understanding the National Corporate Headquarters Phenomena, A Question of Relocation, Retention, or Attraction (KI)**

Kansas, Inc. has issued a request for proposals for a study to develop an understanding of the National Corporate Headquarters Phenomena, to provide an understanding of the factors that influence corporate relocation, retention, and attraction. Services are being sought to hire a Contractor to analyze, collect data, and prepare a report on corporate entities within industries that are relevant to Kansas.

**URL:** <http://www.kansasinc.org>

**Deadline:** 4/10/2006

## **ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES**

### **12-10 Exploratory Research in Nuclear Detection Technology (DHS)**

The Department of Homeland Security has been tasked to ensure that the U.S. remains safe from attack by the illicit importation, development, or procurement of a nuclear or radiological device. DHS has integrated all nuclear detection research, development, testing, evaluation, acquisition, and operational support into a single office: the Domestic Nuclear Detection Office (DNDO). The DNDO established the Office of Transformational Research and Development (OTR&D) to conduct, support, coordinate, and encourage an aggressive transformational program of Research and Development that will dramatically improve national capabilities to detect and report attempts to import or transport a nuclear device, Special Nuclear Material, or radiological materials intended for illicit use. OTR&D is conducting an

aggressive program of exploratory research to make significant advances in basic detection technology and to reduce the costs and manpower required.

BAA06-01 (FBO 3/3/06)

**URL:** <http://www.dhs.gov/dndobids>

**Deadline:** White Papers 3/30/2006,  
Applications 6/1/2006

### **12-11 New and Innovative Ideas for Space Science and Technology (DOD)**

The U.S. Army Space and Missile Defense Command (USASMDC) Space Division, Technology Directorate, Huntsville, AL, announces interest in receiving research, development and technology maturation proposals with technical and cost presentations. Proposals submitted should include new ideas for advanced and innovative concepts as well as prototype hardware and software for current and emerging space science and technology. W9113-05-0011 (FBO 12/21/05)

**URL:** <http://www.smdc.army.mil>

**Deadline:** 12/21/2006

### **12-12 University Crystalline Silicon Photovoltaics Research and Development (DOE)**

The Department of Energy solicits applications for advanced and applied research and development, education and collaboration in crystalline silicon PV cell and module technology through this University Photovoltaic Crystalline Silicon R&D Funding Opportunity Announcement (FOA). A single accredited college or university will be selected to conduct research and development activities to achieve the following: Advance crystalline silicon PV cell and module technology and manufacturing processes that address key barriers; Expand opportunities to educate undergraduate and graduate students in PV systems and manufacturing R&D; and Address ways to accelerate transferring PV technologies to industry for commercial production utilizing a model that appropriately protects proprietary interests for the mutual benefit of the selected university/college and the U.S. PV industry as a whole. DE-PS36-06GO96015 (FG 1/30/06)

**URL:** <http://www.grants.gov>

**Deadline:** 5/30/2006

## **INTERNATIONAL/MULTICULTURAL**

### **12-13 Benjamin Franklin Transatlantic Fellows Initiative: Summer Institute for Youth (STATE)**

The Office of Citizen Exchanges, Department of State, announces an open competition for the Summer Institute for Youth, a project under the Benjamin Franklin Transatlantic Fellows Initiative. Public and private non-profit organizations may submit proposals to provide a three-week U.S. based institute in the summer of 2006 for up to 40 teenagers aged 16-19 from Europe, Eurasia and the U.S. focused on civic education, leadership development, and community activism as

a way to unite young adults across the Atlantic Ocean. ECA/PE/C/PY-06-49 (FR 3/16/06)

**URL:** <http://exchanges.state.gov/education/rfgps/menu.htm>

**Deadline:** 4/27/2006

### **12-14 Youth Leadership Program on Free Expression (STATE)**

The Office of Citizen Exchanges, Department of State, announces an open competition for the Youth Leadership Program on Free Expression. Public and private non-profit organizations may submit proposals to recruit and select youth and adult participants overseas and to provide the participants with two U.S.-based exchange projects on the first amendment with a focus on free expression. The core of the Youth Leadership Program on Free Expression is a twelve-day International Free Expression Institute funded and provided by the Freedom Forum and the Close Up Foundation, with which the grantee organization must partner on this program. ECA/PE/C/PY-06-22 (FR 3/16/06)

**URL:** <http://exchanges.state.gov/education/rfgps/menu.htm>

**Deadline:** 5/8/2006

## **SOCIAL SCIENCES**

### **12-15 Social Science Research on Terrorism (NIJ)**

The Justice Department's National Institute of Justice solicits proposals for social science research on terrorism that will inform national criminal justice policy and practice. Proposals may address either domestic or international terrorism, but research should have direct, immediate, and obvious implications for criminal justice policy and practice in the U.S. 2006-NIJ-1209SL000744 (FGCW 3/16/06)

**URL:** <http://www.ncjrs.gov/pdffiles1/nij/sl000744.pdf>

**Deadline:** 5/10/2006

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