

# Funding Bulletin

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

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## Program Information

To receive program information, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: [bbpage@ksu.edu](mailto:bbpage@ksu.edu)

NOTICE - The Funding Bulletin is available via email. To be added to the electronic mailing list, send an email message to: [listserv@listserv.ksu.edu](mailto:listserv@listserv.ksu.edu) Leave the subject line blank. In the message area, type: *sub fundingbulletin*.

## 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/bul08/limits08/index.htm>

## GENERAL

### 32-1 Adaptation for Future Air Quality Analysis & Decision Support Tools in Light of Global Change Impacts & Mitigation (EPA)

The Environmental Protection Agency (EPA), National Center for Environmental Research (NCER), in cooperation with the EPA Global Change Research Program, announces an extramural funding competition supporting research into the consequences for air quality of global change-including climate, climate variability, land-use, economic development, and technology. EPA is interested in supporting research that will further the scientific understanding of how to better adapt the air quality management system to effectively account for climate change and related mitigation impacts. In addition to regular awards, this solicitation includes the opportunity for early career projects. EPA-G2008-STAR-J1, EPA-G2008-STAR-J2 (GG 7/22/08)

URL: [http://es.epa.gov/ncer/rfa/2008/2008\\_star\\_adaptation.html](http://es.epa.gov/ncer/rfa/2008/2008_star_adaptation.html)

Deadline: 10/21/2008

### 32-2 Arctic Research (NSF)

The National Science Foundation (NSF)

invites investigators at U.S. organizations to submit proposals to conduct research about the Arctic. Arctic research includes field and modeling studies and data analysis. The goal of the NSF Division of Arctic Sciences is to gain a better understanding of the Arctic's physical, biological, geological, chemical, social and cultural processes, and the interactions of ocean, land, atmosphere, biological, and human systems in the Arctic.

NSF 08-597 (GG 8/19/08)

URL: <http://www.nsf.gov/pubs/2008/nsf08597/nsf08597.htm>

Deadline: 11/18/2008, 10/15/2009, 10/15/2010

### 32-3 Interagency Opportunities in Metabolic Engineering (NSF)

This solicitation describes a collaborative effort among the Department of Agriculture, Department of Commerce, Department of Defense, Department of Energy, Environmental Protection Agency, National Aeronautics and Space Administration, National Institute of General Medical Sciences, and the National Science Foundation. The intent of this interagency solicitation is to provide an opportunity for an interagency granting activity in the area of metabolic engineering (ME). The eight participating agencies or departments are providing research funding and agency in-kind support such as equipment, laboratory space, personnel time, and materials in support of this solicitation. Upon conclusion of the review process, meritorious proposals may be recommended for funding by a participating agency or department. A PI or Co-PI may be listed on only one proposal. NSF 08-588

URL: <http://www.nsf.gov/pubs/2008/nsf08588/nsf08588.htm>

Deadline: 10/22/2008

## AGRICULTURE

### 32-4 Research on the Economic Impact of Cooperatives (USDA)

USDA Rural Development announces the availability of cooperative agreement funds for fiscal year (FY) 2008 to conduct research on the national economic impact of all types of cooperatives. This funding is a follow on to funding awarded in FY 2006 and FY 2007, the intent of which was to encourage research on the critical issue of the economic value of cooperatives. Funding for FY 2008 is expected to expand upon research undertaken with FY 2006 and FY 2007 funds. (FR 8/25/08)

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

Deadline: 9/19/2008

### 32-5 Critical Issues: Emerging and New Plant and Animal Pests and Diseases (USDA)

The program is designed to provide one-time seed funding to help initiate work requiring immediate attention until other long-term resources can be secured to address the issue. CSREES will be soliciting proposals on an as-needed basis during the year to address specific new or emerging issues. For this particular solicitation CSREES is requesting proposals that address specific aspects of the following issues: John's Disease Vaccination Modeling and Porcine High Fever Disease (PHFD). USDA-CSREES-OP-001054 (GG)

URL: [http://www.csrees.usda.gov/funding/rfas/critical\\_issues.html](http://www.csrees.usda.gov/funding/rfas/critical_issues.html)

Deadline: 9/30/2008

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### 32-6 Plasma Physics Junior Faculty Award Program (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 for support under its Plasma Physics Junior Faculty Award Program (formerly named the Plasma Physics Junior Faculty Development Program). Applications should be from tenure-track faculty investigators and should be submitted through a U.S. academic institution. The purpose of this program is to support the development of the individual research programs of exceptionally talented researchers early in their careers. DE-PS02-08ER08-26 (GG 7/22/08)

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

Deadline: Letters of Intent 9/4/2008; Applications 10/7/2008

### 32-7 Solar Energy Initiative (SOLAR) (NSF)

The purpose of the CHE-DMR-DMS Solar Energy Initiative is to support interdisciplinary efforts by groups of researchers to address the scientific challenges of highly efficient harvesting, conversion, and storage of solar energy. Groups must include three or more co-Principal Investigators; one must have demonstrated high expertise in chemistry, a second in materials research, and a third in mathematical sciences. The goal here is to create a new modality of linking the mathematical with the chemical and materials sciences to develop transformative paradigms in an area of much activity but largely incremental advances. Successful proposals will offer potentially transformative projects and new concepts based on the integrated expertise and synergy from the three disciplinary commu-

nitites. An investigator may participate as a PI, co-PI, or other senior research associate on only one proposal and associated preliminary proposal submitted per year in response to this solicitation. NSF 08-598 (GG 8/21/08)

**URL:** <http://www.nsf.gov/pubs/2008/nsf08598/nsf08598.htm>

**Deadline: Preproposals 12/16/2008; Proposals 3/9/2009**

### **32-8 NSF/DOE Partnership in Basic Plasma Science and Engineering (NSF)**

The Directorates for Engineering, Geosciences, and Mathematical and Physical Sciences of the National Science Foundation and the Office of Science/Office of Fusion Energy Sciences of the Department of Energy are continuing in FY2009 the joint Partnership in Basic Plasma Science and Engineering begun in FY1997. The goal of this three year (FY09-FY11) program initiative is to enhance plasma research and education in this broad, multidisciplinary field by coordinating efforts and combining resources of the two agencies. The initiative will address fundamental issues in plasma science and engineering that can have impact in other areas or disciplines in which improved basic understanding of the plasma state is needed. NSF 08-589

**URL:** <http://www.nsf.gov/pubs/2008/nsf08589/nsf08589.htm>

**Deadline: 10/22/2008, 10/22/2009, 10/22/2010**

### **32-9 Partnerships for Innovation (NSF)**

The goals for the Partnerships for Innovation Program are to: 1) stimulate the transformation of knowledge created by the research and education enterprise into innovations that create new wealth; build strong local, regional and national economies; and improve the national well-being; 2) broaden the participation of all types of academic institutions and all citizens in activities to meet the diverse workforce needs of the national innovation enterprise; and 3) catalyze or enhance enabling infrastructure that is necessary to foster and sustain innovation in the long-term. To develop a set of ideas for pursuing these goals, the competition will support 12-15 partnerships among academe, the private sector, and state/local/federal government that will explore new approaches to support and sustain innovation. At least one PFI graduated awardee must participate in the PFI proposal. A senior institutional administrator (dean or higher) at the lead institution must serve as Co-PI or PI. Only one proposal as lead institution and one as subawardee are allowed. NSF 08-583 (GG 7/16/08)

**URL:** <http://www.nsf.gov/pubs/2008/nsf08583/nsf08583.htm>

**Deadline: Internal 9/31/2007; Letters of Intent 10/31/2008; Proposals 12/31/2008**

## **HEALTH & LIFE SCIENCE**

### **32-10 K-State Arthropod Genomics**

### **Center Seed Grant RFP (KSU)**

The K-State Arthropod Genomics Center invites research proposals from scientists at Kansas State University for seed grants ranging up to \$60,000/year for two years. The Arthropod Genomics Center supports arthropod genomics research at K-State by funding research that will lead to the generation of preliminary data for extramural grant proposals involving arthropod genomics, including the development or use of tools (such as libraries and microrays) for genome-based analysis of gene expression. Priority for funding will be given to those applications that show promise of attracting extramural funding. Proposals involving genomic studies primarily of non-arthropod species will not be considered. These grants may fund research by new and established K-State faculty. Funding for these seed grants has been made possible through support from Targeted Excellence. For more information on the Arthropod Genomics Center, potential applicants are invited to visit <http://www.ksu.edu/agc>. Letters of Intent to submit proposals are due to D. Merrill ([dmerrill@ksu.edu](mailto:dmerrill@ksu.edu)), Division of Biology, 104 Ackert Hall. Awards will begin February 1, 2009.

**URL:** <http://www.k-state.edu/agc/funding.shtml>

**Deadline: Letters of Intent 9/16/2008; Proposals 10/15/2008**

### **32-11 Deployment Related Medical Research (DOD)**

The Army's Medical Research and Materiel Command has announced a program to provide support for deployment health-related research of clear scientific merit. There are three funding mechanisms: Hypothesis Development Awards to support initial exploration of innovative, untested, potentially ground breaking concepts; Advanced Technology/Therapeutic Development Awards to support development of drugs, devices, or clinical policy/guidance with the potential to make a strong impact on the military relevant topic area; and Clinical Trial Awards. The five topic areas addressed by this program announcement are: Blood safety and blood products; Final development of medical devices for use in-theater; Injury prevention; Traumatic brain injury and psychological health; Trauma treatment and rehabilitation; Wound infection and healing; and Wound infection vaccines. W81XWH-08-DRMRP-HDA, ATTA, CTA

**URL:** <http://cdmrp.army.mil>

**Deadline: Letters of Intent 9/22/2008, 10/1/2008; Proposals 10/1/2008, 10/15/2008**

### **32-12 Integration of Mouse Models into Human Cancer Research (U01) (NIH)**

This Funding Opportunity Announcement, issued by the National Cancer Institute, extends the NCI-Mouse Models of Human Cancers Consortium (NCI-MMHCC) for a third project period. The previous periods resulted in generation,

validation, and utilization of many novel mouse cancer models. Having successfully attained the original specific program goals, the NCI-MMHCC is poised to enter the next stage that stresses the use of biologically relevant mouse models as effective tools for human research. The overall objective of the NCI-MMHCC is integration of mouse models into basic, translational, epidemiological, and clinical cancer research. Goal 1 of the NCI-MMHCC is to support individual research projects that promote innovation in use of mouse models to address crucial questions in human cancer research. To facilitate the overall research and integration goals, the NCI-MMHCC will also support up to four Science Leadership components to coordinate activities in defined scientific areas (research clusters) under Goal 2 Science Leadership and Integration. RFA-CA-08-018 (NIHG 8/22/08)

**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-018.html>

**Deadline: Letters of Intent 10/14/2008; Applications 11/14/2008**

## **STUDENTS**

### **32-13 Doctoral Dissertation Improvement Grants in the Directorate for Biological Sciences (DDIG) (NSF)**

The National Science Foundation awards Doctoral Dissertation Improvement Grants in the selected areas of the biological sciences. These grants provide partial support of doctoral dissertation research to improve the overall quality of research. Allowed are costs for doctoral candidates to participate in scientific meetings, to conduct research in specialized facilities or field settings, and to expand an existing body of dissertation research. An organization may submit only one proposal per student in a given year. NSF 08-564

**URL:** <http://www.nsf.gov/pubs/2008/nsf08564/nsf08564.htm>

**Deadline: 11/21/2008**

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