

# 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 (**FB 29-13**) 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

### 29-1 Modeling of Infectious Disease Agent Study Centers of Excellence (U54) (NIH)

This Funding Opportunity Announcement (FOA) issued by the National Institute of General Medical Sciences, National Institutes of Health, solicits applications for Centers of Excellence in Modeling of Infectious Diseases. The Centers will comprise a component of the Modeling of Infectious Disease Agents Study (MIDAS) Network, consisting of Centers of Excellence, a centralized information technology resource, and research projects. The overall objective of the MIDAS is the coordination of a cadre of multidisciplinary scientists conducting computational and mathematical research to improve the ability to detect, control, and prevent emerging infectious diseases caused by naturally occurring or intentionally released pathogens, including those relevant to biodefense. The Centers will address four major thematic areas—*infectious disease research; computational, statistical, and mathematical research; education and outreach; and public health policy*. RFA-GM-09-003 (NIHG 7/18/08)  
**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-09-003.html>

**Deadline: Letters of Intent 9/24/2008; Applications 10/24/2008**

### 29-2 Research on Causal Factors and Interventions that Promote and Support the Careers of Women in Biomedical and Behavioral Science and Engineering (R01) (NIH)

The purpose of this funding opportunity is to support research on: 1) causal factors explaining the current patterns observed in the careers of women in biomedical and behavioral science and engineering and variation across different subgroups and 2) the efficacy of programs designed to support the careers of women in these disciplines. Causal factors include individual characteristics, family and economic circumstances, disciplinary culture or practices, and features of the broader social and cultural context. Research on variation among underrepresented minority women and socioeconomically disadvantaged women is encouraged. RFA-GM-09-012 (NIHG 7/18/08)

**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-09-012.html>  
**Deadline: Letters of Intent 9/21/2008; Applications 10/22/2008**

### 29-3 Research on Interventions that Promote Research Careers (R01) (NIH)

The purpose of this funding opportunity is to support research that will test explicitly identified assumptions and hypotheses that undergird existing or potential interventions intended to increase interest, motivation and preparedness for careers in biomedical and behavioral research, with a particular interest in those interventions specifically designed to increase the number of students from underrepresented groups entering careers in biomedical and behavioral research. The proposed research need not be restricted to underrepresented minority students. Comparative research that analyzes the experience of all groups in order to place that of underrepresented students in context and to learn whether and how interventions should be tailored to make more underrepresented students successful in biomedical careers may well be particularly illuminating and is, therefore, encouraged. RFA-GM-09-011 (NIHG 7/18/08)  
**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-09-011.html>  
**Deadline: Letters of Intent 9/30/2008; Applications 10/30/2008**

### 29-4 Development of New Technologies Needed for Studying the Human Microbiome (R01) (NIH)

The purpose of this FOA is to solicit

applications to develop new and improved technologies for obtaining samples of individual microbial isolates or strains, from the human microbiota, suitable for complete genomic sequence analysis. The goal is to expand the number of reference microbial genome sequences, which in turn will aid in the analysis of the complex microbial populations resident in and on the human body. This FOA will utilize the NIH Research Project Grant (R01) grant mechanism and runs in parallel with a FOA of identical scientific scope, RFA RM-08-027 that solicits applications under the R21 mechanism. RFA-RM-08-026 (NIHG 7/18/08)  
**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-08-026.html>  
**Deadline: Letters of Intent 9/2/2008; Applications 10/2/2008**

## AGRICULTURE

### 29-5 Emerging Markets Program (USDA)

The Commodity Credit Corporation (CCC) announces that it is inviting proposals for the 2009 Emerging Markets Program (EMP). The EMP is designed to assist U.S. entities in developing, maintaining, or expanding exports of U.S. agricultural commodities and products by providing partial funding for technical assistance activities that promote U.S. products in emerging foreign markets. The Program is intended primarily to support export market development efforts of the private sector, but Program resources may also be used to assist public organizations. (FR 7/16/08)  
**URL:** <http://www.fas.usda.gov/>  
**Deadline: 8/15/2008**

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### 29-6 Science Museums and Planetariums (NASA)

The National Aeronautics and Space Administration (NASA) has released the FY 2008 NASA Research Announcement (NRA) Competitive Program for Science Museums and Planetariums (CP4SMP). Each funded CP4SMP proposal is expected to establish informal education projects or exhibits led by museums, science centers, or planetariums that feature eligible NASA missions, science, engineering, explorations, or technologies. This NRA seeks proposals featuring NASA-themed content in space exploration, aeronautics, space science, Earth science, or microgravity, or a combination of these Congressionally-directed topics to support NASA education outcomes. Leadership of the proposed projects must reside at institutions of informal education; partnership relationships are highly

encouraged. NNH08ZNE006N

**URL:** <http://nspires.nasaprs.com>

**Deadline: Letters of Intent 8/18/2008;  
Proposals 10/17/2008**

### **29-7 Dedicated Water Quality Program (EPA)**

The Environmental Protection Agency's Region 7, Water, Wetlands and Pesticides Division, Water Quality Management Branch, is soliciting proposals from eligible agencies/organizations for the coordination and acceleration of research, studies, experiments, investigations, and demonstration projects to improve the capacity of Region 7 states (Iowa, Kansas, Missouri and/or Nebraska) to effectively and efficiently assess Total Maximum Daily Load (TMDL) capacities for impaired waterbodies throughout the region. EPA-R7WWPD-08-005 (GG 7/16/08)

**URL:** <http://www07.grants.gov>

**Deadline: 8/29/2008**

### **29-8 Terrestrial Ecology (NASA)**

NASA Terrestrial Ecology research addresses changes in Earth's carbon cycle and ecosystems using space-based observations. The goals of NASA's Terrestrial Ecology research are to improve the understanding of the structure and function of global terrestrial ecosystems, their interactions with the atmosphere and hydrosphere, and their role in the cycling of the major biogeochemical elements and water. This program of research addresses variability in terrestrial ecosystems, how terrestrial ecosystems and biogeochemical cycles respond to and affect global environmental change, and future changes in carbon-cycle dynamics and terrestrial ecosystems.

NNH08ZDA001N-TE (GG 7/16/08)

**URL:** <http://nspires.nasaprs.com>

**Deadline: Notices of Intent 8/13/2008;  
Proposals 10/2/2008**

### **29-9 Geotechnical Engineering (GTE) (NSF)**

The GTE program supports fundamental research on geotechnical aspects of the civil infrastructure, such as foundation engineering, site characterization, underground construction, tunnelling, drilling, and mining engineering. Also included is research on geoenvironmental engineering, geotechnical earthquake engineering that does not involve the use of George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) facilities, and geohazards such as tsunamis, landslides, mudslides, and debris flows, scour, and erosion. Emphasis is on issues of sustainability and resilience. PD 08-1636 (GG 6/16/08)

**URL:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13351](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351)

**Deadline: 10/1/2008; 2/15/2009**

### **29-10 Applied Information Systems Research (NASA)**

The purpose of the Applied Information

Systems Research (AISR) program is to evolve advances in computer and information science and technology to enhance science productivity of the Science Mission Directorate (SMD). AISR seeks innovative ideas for applying advanced information and related technologies to increase life cycle effectiveness and efficiency of research endeavors conducted by SMD research programs in Planetary Science, Heliophysics, Astrophysics, and Earth Science. NNH08ZDA001N-AISR (GG 5/27/08)

**URL:** <http://nspires.nasaprs.com>

**Deadline: 8/27/2008**

## **HEALTH AND LIFE SCIENCES**

### **29-11 Epigenomics of Human Health and Disease (R01) (NIH)**

The National Institutes of Health invites applications that propose research to transform our understanding of the epigenetic contributions to human disease.

Studies will characterize global (epigenome-wide) marks or features, and their possible interactions, in cells and tissues that are representative of various human disease states, conditions, or processes. Mammalian animal models are allowed in rare exceptions where human samples cannot be obtained for a given disease/condition of interest, but strong justification must be provided. RFA-RM-08-017 (NIHG 7/18/08)

**URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-08-017.html>

**Deadline: Letters of Intent 9/28/2008;  
Applications 10/28/2008**

### **29-12 Investigations on Primary Immunodeficiency Diseases (R01) (NIH)**

The National Institutes of Health offers this FOA to support applications from institutions/organizations that propose innovative investigations in primary immunodeficiency diseases with a focus on ex vivo studies with human specimens and on studies with existing or new animal models. This FOA will also support novel clinical strategies, not including clinical trials, to detect primary immunodeficiency diseases, to identify the molecular basis of these diseases, and to develop innovative therapies for primary immunodeficiency diseases. This FOA will utilize the NIH Research Project Grant (R01) award mechanism and runs in parallel with FOAs of similar scientific scope, PAR 07-446 and PAR 07-447 that encourage applications under the R21 and R03 award mechanisms, respectively. PAR 08-206 (NIHG 7/18/08)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PAR-08-206.html>

**Deadline: 10/5/2008, 2/5/2009, 6/5/2009**

### **29-13 Investigators in the Pathogenesis of Infectious Disease (BWF)**

This from the Burroughs Wellcome Fund program provides opportunities for assistant professors to bring multidisciplinary approaches to the study of human infec-

tious diseases. The goal of the program is to provide opportunities for accomplished investigators still early in their careers to study the pathogenesis of infectious disease at its most fundamental level—the points where human and microbial systems connect. A U.S. or Canadian institution—including its medical school, graduate schools, and all affiliated hospitals and research institutes—may nominate up to two candidates. To encourage applications from veterinarians, institutions that nominate a researcher who holds the D.V.M. will be allowed three nominations. Institutions may have a single additional nomination if they nominate a researcher working in pathogenic helminths, mycology, or reproductive science.

**URL:** [http://www.bwfund.org/programs/infectious\\_disease/](http://www.bwfund.org/programs/infectious_disease/)

[pathogenesis\\_background.html](http://www.bwfund.org/programs/pathogenesis_background.html)

**Deadline: Internal Deadline 9/3/2008;  
Nominations: 11/3/2008**

### **29-14 Geographic and Contextual Influences on Energy Balance-Related Health Behaviors (R01) (NIH)**

This funding opportunity announcement (FOA), issued by the National Institutes of Health, encourages the submission of grant applications that propose hypothesis-driven projects exploring associations between the built environment, other contextual features of where people of all ages live and work and health behaviors related to energy balance. These projects should use population level data from health surveys and other large health studies. It is expected that the proposed projects will be designed to add/include contextual variables at diverse levels of geographic aggregation to such studies on behaviors that affect individual energy balance and thereby health. PA-08-192 (NIHG 7/30/08)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-08-192.html>

**Deadline: 10/5/2008, 2/5/2009, 6/5/2009**

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