

# 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 37-8, 37-10**) 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/bul09/limits09/index.htm>

## NOTICE

To conserve resources, at the end of October the Funding Bulletin will no longer be published in paper format. It will continue to be available on the Research funding website:

URL: <http://www.ksu.edu/research/funding>

in both pdf and http formats.

It will also continue to be sent out via listserv. Faculty and unclassified staff will be automatically added to the listserv but can, of course, unsubscribe at any time. Anyone already subscribed to the listserv will continue to receive the Bulletin. Those wishing to receive the Bulletin who may not be included on the Faculty/Unclassified Staff list are welcome to subscribe themselves. The instructions for subscribing are located near the top of this column. Please contact Beverly Page, 532-5045, [bbpage@ksu.edu](mailto:bbpage@ksu.edu) with any questions or concerns.

## GENERAL

### 37-1 DTRA Basic Research Program for Countering WMD (DOD)

This BAA is focused on soliciting basic research projects that support the Defense

Threat Reduction Agency (DTRA) mission to safeguard America and its allies from WMD (e.g., chemical, biological, radiological, nuclear, and high yield explosives) by providing capabilities to reduce, eliminate, and counter the threat and mitigate its effects. To this end, DTRA seeks research across broad strategic thrust areas: 1) Science of WMD Sensing and Recognition; 2) Cognitive and Information Science; 3) Science for Protection; 4) Science to Defeat WMD; 5) Science to Secure WMD. HDTRA1-18-10-BRCWMD-BAA (GG 10/5/09)

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

Deadline: 11/2/2009

### 37-2 Comparing Design Approaches for Sequencing Disease-Associated Regions found in Genome-Wide Association Studies (U01) (NIH)

Genome-wide association studies (GWAS) have identified many genomic regions associated with common diseases and other traits. The next step is to sequence many samples in the associated regions to determine their complete patterns of genetic variation. The goal is to identify a smaller set of strongly associated variants for more intense study to find those responsible for the increased disease risk. Various design strategies could be used for the sequencing studies, such as sequencing exons or entire gene regions, and using samples from the extremes or the entire range of the phenotype distribution. This FOA solicits applications from investigators with well-replicated disease associations to nominate association regions for sequencing and analysis and to provide a sufficient number of samples with genotype, phenotype, and exposure datasets from completed GWA studies. RFA-HG-09-014 (NIHG 10/9/09)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-09-014.html>

Deadline: Letters of Intent 11/12/2009; Applications 12/11/2009

### 37-3 Department of Defense Multi-Disciplinary Research Program of the University Research Initiative (DOD)

The MURI program supports basic science and/or engineering research at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts that intersect more than one traditional science and engineering discipline to address issues of critical concern to the DoD. As defined by the DoD, basic research is systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind. It includes all scien-

tific study and experimentation directed toward increasing fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. ONRBAA10-002 (GG 10/9/09)

URL: [http://www.onr.navy.mil/sci\\_tech/3t/corporate/muri.asp](http://www.onr.navy.mil/sci_tech/3t/corporate/muri.asp)

Deadline: 3/2/2010

### 37-4 Science and Technology For Warfighter Training and Aiding (DOD)

The objective of this BAA is to research, demonstrate, evaluate, and transition human performance methods and technology to enable warfighters to have the right skills, knowledge, experience and capabilities at the right time to make the right decisions. This objective shall be met through the following three science and technology areas: Cognitive Modeling, Immersive Environments, and Continuous Learning. BAA-09-05-RH (GG 10/1/09)

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

Deadline: 9/30/2014

### 37-5 Computational Biology and Bioinformatic Methods to Enable a Systems Biology Knowledgebase (DOE)

The Office of Biological and Environmental Research (BER) of the Office of Science, U.S. Department of Energy (DOE) advances world-class biological and environmental research and provides scientific facilities to support DOE missions in scientific discovery and innovation, energy security, and environmental responsibility. BER announces its interest in receiving applications for potential funding of computational biology and bioinformatic methods and analytics to enable the planned Systems Biology Knowledgebase. The goal of systems biology is to understand living systems, a simple microbe or a complex ecosystem, so well that we can develop predictive, computational models of the systems that behave the same way as the living system. DE-FOA-0000143 (GG 9/14/09)

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

Deadline: Preapplications 11/5/2009; Applications 1/29/2010

### 37-6 Center for Human Values: Laurance S. Rockefeller Visiting Fellowships (Princeton)

The University Center for Human Values invites applications from all disciplines for Laurance S. Rockefeller Visiting Fellowships. These fellowships will be awarded for the academic year 2010-2011 to outstanding scholars and teachers interested in devoting a year in residence at Princeton writing about ethics and human

values. A central activity for the fellows is participation with center faculty members in a Fellows Seminar to discuss work in progress. Fellows are also invited to participate in other activities, including seminars, colloquia, and public lectures. (TGA 9/09)

**URL:** [http://uchv.princeton.edu/fellowships\\_awards/lsr\\_visiting\\_fellowships.php](http://uchv.princeton.edu/fellowships_awards/lsr_visiting_fellowships.php)  
**Deadline:** 11/9/2009

## AGRICULTURE

### 37-7 National Pork Board RFP (NPB)

The National Pork Board is soliciting research proposals dealing with: A) Environment; B) Swine Health- PRRS; C) Animal Welfare; N) Nutritional Efficiency; and T) International Trade.

**URL:** <http://www.pork.org>  
**Deadline:** 11/17/2009

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### 37-8 Microsoft Research Faculty Fellowship Program (Microsoft)

Microsoft Research seeks nominees who are advancing computer research in novel directions with the potential for high impact on the state of the art, and who demonstrate the likelihood of becoming thought leaders in the field. Because new faculty are so vital to the future of academic computer science, the Microsoft Research Faculty Fellowship Program identifies, recognizes, and supports exceptional new faculty members engaged in innovative computing research. Nominees must be nominated by their research institution, and their nominations must be confirmed by a letter from the head of the institution (for example, office of the Provost, Pro-Vice Chancellor, President, and so on). No more than one nomination from each university will be accepted.

**URL:** <http://research.microsoft.com/en-us/collaboration/awards/nff.aspx>  
**Deadline:** Internal 10/23/2009; Nominations 11/16/2009

### 37-9 Innovation in Biomedical Computational Science and Technology (R01) (NIH)

The NIH is interested in promoting research and developments in biomedical informatics and computational biology that will support rapid progress in areas of scientific opportunity in biomedical research. As defined here, biomedical informatics and computational biology includes database design, graphical interfaces, querying approaches, data retrieval, data visualization and manipulation, data integration through the development of integrated analytical tools, and tools for electronic collaboration, as well as computational and mathematical research including the development of structural, functional, integrative, and analytic computational models and simulations. PAR-09-218 (NIHG 8/7/09)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-09-218.html>

**Deadline:** 2/5/2010, 6/5/2010, 10/5/2010,

### 37-10 Senior Scientist Mentor Program (Dreyfus)

The Board of the Camille and Henry Dreyfus Foundation has reinstated the Senior Scientist Mentor Program for 2010. The program is intended to support faculty who have attained emeritus status by January 2009, and who maintain active research programs in the chemical sciences. The purpose of the award is to encourage emeritus faculty members to take on undergraduates to do research under their guidance. Successful applicants are expected to be closely engaged in a mentoring relationship with the students. No more than one nomination from each university will be accepted.

**URL:** <http://www.dreyfus.org>  
**Deadline:** Internal 10/23/2009; Nominations 11/12/2009

## HEALTH & LIFE SCIENCES

### 37-11 Health Disparities in NIDDK Diseases (R01) (NIH)

The National Institutes of Diabetes and Digestive and Kidney Diseases and the National Institute of Nursing Research of the National Institutes of Health (NIH) seek research to understand and mitigate issues of health disparities in high priority diseases within their scope, including diabetes, obesity, nutrition-related disorders, hepatitis C, gallbladder disease, H. Pylori infection, sickle cell disease, kidney diseases, urologic diseases, hematologic diseases, metabolic, gastrointestinal, hepatic, and renal complications from infection with HIV. NINR promotes and improves the health of individuals, families, communities, and populations, supports and conducts clinical and basic research and research training on health and illness across the lifespan. PA-09-262 (NIHG 9/4/09)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-09-262.html>  
**Deadline:** 2/5/2010, 6/5/2010, 10/5/2010

### 37-12 Nutrition and Physical Activity Research to Promote Cardiovascular and Pulmonary Health (R01) (NIH)

This FOA encourages Research Project Grant (R01) applications that propose research on the roles of nutrition and physical activity in the development, prevention, and management of cardiovascular diseases (CVD) or pulmonary diseases. In particular, the FOA aims to 1) improve knowledge of the contribution of diet and physical activity to these conditions and how sleep influences these relationships, 2) increase the evidence base for refining public health recommendations and clinical guidelines regarding these lifestyle behaviors, and 3) develop and test strategies to improve the adoption of these recommendations. This FOA will utilize the NIH research project R01 grant mechanism and runs in parallel with a

FOA of identical scientific scope, PA-09-244, that encourages applications under the R21 grant mechanism. PA-09-243 (NIHG 8/28/09)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-09-243.html>  
**Deadline:** 2/5/2010, 6/5/2010, 10/5/2010

### 37-13 Identifying Non-coding RNA Targets for Cancer Early Detection and Prevention (R01) (NIH)

This Funding Opportunity Announcement (FOA), issued by the National Cancer Institute (NCI), encourages research grant applications from institutions/organizations on the discovery and characterization of non-coding (nc) RNAs in preneoplasias and early stage cancers to: 1) improve early cancer detection, intervention, and prevention; 2) predict risk of progression from preneoplasias to cancer, and 3) distinguish benign lesions from precancerous lesions. PA-09-199 (NIHG 6/5/09)

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-09-199.html>  
**Deadline:** 2/5/2010, 6/5/2010, 10/5/2010

## STUDENTS

### 37-14 Scholarship Program for Veterinary Students (AVMF)

In an effort to help U.S. veterinary students cope with rising school debt while reinforcing the importance of building a diverse profession and addressing a shortage of food and animal veterinarians, the American Veterinary Medical Foundation and Pfizer Animal Health have launched an annual scholarship program. To be eligible, students must be attending a U.S. Veterinary school accredited by AVMA. Although the program is open to all second- and third-year veterinary students, at least 40 percent of the awardees will be students likely to enter food animal medicine or rural practice. PND 10/9/09

**URL:** <http://www.avmf.org>  
**Deadline:** 11/13/2009

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