

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

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 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, by the Internal due date listed in the Funding Bulletin (**FB 29-7, 29-9**) 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/>

GENERAL

29-1 Partnerships for Development of Therapeutics and Diagnostics for Drug-Resistant Bacteria and Eukaryotic Parasites (R01) (NIH)

This Funding Opportunity Announcement (FOA) issued by the National Institutes of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH) invites research applications for projects that support translational research leading to development of therapeutic and diagnostic technologies for drug-resistant bacteria and eukaryotic parasites. This FOA will utilize the R01 grant mechanism and runs in parallel with a FOA of identical scientific scope, RFA-AI-09-029, that solicits Phase II and Fast-Track applications under the R44 (SBIR) mechanism. RFA AI-09-026 (NIHG 7/31/09)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-09-026.html>

Deadline: Letters of Intent 10/9/2009;
Applications 11/9/2009

29-2 Collaborative Science, Technology, and Applied Research (CSTAR) Program (NOAA)

The CSTAR Program represents an NOAA/NWS effort to create a cost-effective

transition from basic and applied research to operations and services through collaborative research between operational forecasters and academic institutions that have expertise in the environmental sciences. These activities will engage researchers and students in applied research of interest to the operational meteorological community and will improve the accuracy of forecasts and warnings of environmental hazards by applying scientific knowledge and information to operational products and services. NOAA-NWS-NWSPO-2010-2001696 (GG 7/17/09)

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

Deadline: 10/16/2009

29-3 Personnel Security Thesis, Dissertation and Institutional Research Awards Program (DOD)

The Department of Defense Polygraph Institute's (DoDPI) research mission is to provide continuous research in forensic psychophysiology and credibility assessment (CA) methods. The DoDPI is: the executive agent for a robust, interagency-coordinated and centrally funded research program concentrating on developing valid and reliable security and applicant screening tests; investigate countermeasures; and conduct developmental research on psycho physiological detection of deception (PDD) techniques, instrumentation, and analytical methods. The Personnel Security Thesis, Dissertation, and Institutional Research Awards Program seeks to give the DoDPI a research workforce that is competitive with the best minds from the complex cerebral worlds of academia, and the emerging technologies. W911NF-06-R-0009 (GG 1/9/09)

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

Deadline: 9/30/2010

EDUCATION

29-4 Discovery Research K-12 (DR K-12) (NSF)

The Discovery Research K-12 (DR K-12) program seeks to enable significant advances in preK-12 student and teacher learning of the STEM disciplines through development, study, and implementation of resources, models, and technologies for use by students, teachers, and policymakers. Projects funded under this solicitation begin with a research question or a hypothesis about how to improve preK-12 STEM learning and teaching. Projects create or adapt and study innovative resources, models, or technologies and determine how and why implementation affects STEM learning. DR K-12 invites proposals that meet a variety of educational needs, from those that address immediate and pressing

challenges facing preK-12 STEM education to those that anticipate opportunities for the future. Project goals, designs, and working strategies should be informed by prior research and practical experience drawn from all relevant disciplines, while focusing on concepts and skills that are central to STEM education. The DR K-12 program accepts proposals from exploratory projects, full research and development projects, and synthesis projects, as well as for conferences and workshops related to the mission of the program. NSF 09-602 (GG 8/3/09)

URL: <http://www.nsf.gov/pubs/2009/nsf09602/nsf09602.htm>

Deadline: Preliminary Proposals 10/5/2009; Proposals 1/7/2010

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

29-5 Senior Scientist Mentor Program (Dreyfus)

The program is intended to support faculty that have attained emeritus status on or before January 2010 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.

URL: <http://www.dreyfus.org>

Deadline: 11/13/2009

HEALTH & LIFE SCIENCES

29-6 Genetic and Genomic Analysis of Xenopus (R01) (NIH)

This funding opportunity announcement (FOA) solicits investigator-initiated applications designed to exploit and enhance the power of *Xenopus* as a vertebrate model for biomedical research. Applications are welcome proposing to develop new tools or genetic or genomic resources of high priority to the *Xenopus* research community to advance the detection and characterization of genes, pathways, and phenotypes of interest in development, organogenesis, and in cell biological processes such as cell division, signaling and migration. In addition, applications will be welcomed that utilize recently developed genetic and genomic tools or resources to advance these same goals particularly when these projects employ tools that have not previously made use of in *Xenopus* research. This FOA will utilize the NIH Research Project Grant (R01) grant mechanism and runs in parallel with FOAs of identical scientific scope that encourages applications under the NIH Small Research Grant (R03) [PAR-09-242] and the NIH

Exploratory/Developmental (R21) [PAR-09-241] grant mechanisms. PAR-09-240 (NIHG 7/31/09)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-09-240.html>

Deadline: Letters of Intent 8/31/2009, 8/31/2010; Applications 9/30/2009, 9/30/2010

29-7 Outstanding New Environmental Scientist Award (ONES) (NIH)

The Outstanding New Environmental Scientist Award is intended to identify outstanding scientists who are in the early, formative stages of their careers and who intend to make a long term career commitment to research in the mission areas of the NIEHS and assist them in launching an innovative research program focusing on problems of environmental exposures and human biology, human pathophysiology and human disease. One application per school or college within a university will be accepted. RFA-ES-09-007 (NIHG 7/24/09)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-09-007.html>

Deadline: Internal 9/5/2009; Letters of Intent 10/5/2009; Applications 11/3/2009

29-8 Centers for Membrane Protein Structure Determination (U54) (NIH)

This FOA solicits applications to establish Centers for Membrane Protein Structure Determination that will become a vital component in fulfilling the expanded goals of the NIGMS PSI:Biological network for high throughput-enabled structural biology. Awardee principal investigators will become part of the PSI:Biological Network Steering Committee and will work jointly with other investigators and NIH staff to manage the overall PSI:Biological initiative. RFA-GM-10-006 (NIHG 7/24/09)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-10-006.html>

Deadline: Letters of Intent 9/9/2009; Applications 10/9/2009

29-9 Awards to Support Research on the Biology of Aging in Invertebrates (R01) (NIH)

This Funding Opportunity Announcement (FOA) issued by the National Institute on Aging (NIA), National Institutes of Health, invites applications (R01) that propose the identification and development of new invertebrate models for pursuing biology of aging research. Applications should focus on the identification, development and characterization of new invertebrate models that have short lifespans. Invertebrate models with tractable genetics and genome sequence available or in progress, negligible or induced senescence, and tissue regeneration in adults are of particular interest to NIA. Applicants, whether individuals or institutions, may submit only one application each in response to this FOA. RFA-AG-10-004 (NIHG 7/17/09)

URL: <http://grants.nih.gov/grants/guide/>

[rfa-files/RFA-AG-10-004.html](http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-10-004.html)

Deadline: Internal 8/30/2009; Letters on Intent 9/30/2009; Applications 10/30/2009

29-10 Improving Diet and Physical Activity Assessment (R01) (NIH)

This Funding Opportunity Announcement (FOA), issued by several institutes, encourages innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications submitted under this FOA may include development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including older adults; improved technology or applications of existing technology; statistical methods to assess or correct for measurement errors or biases, methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors. This FOA will utilize the Research Project Grant (R01) grant mechanism and runs in parallel with a FOA of identical scientific scope, PAR-09-225, that encourages applications under the NIH Exploratory/Development (R21) mechanism. PAR-09-224 (GG 7/9/09)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-09-224.html>

Deadline: Letters of Intent 9/5/2009, 5/5/2010; Applications 10/5/2009, 6/5/2010

29-11 7-Day Biodefense (DARPA)

DARPA is soliciting innovative medical therapeutic research proposals in two areas: Soldier Protection and Biodefense. Proposed research should investigate innovative approaches and revolutionary advances in science, devices, and/or systems. In recent years global surveillance networks have determined that the frequency and diversity with which new infectious microorganisms are emerging is increasing. No group is at greater risk of exposure to new international pathogens, to bio-sabotage of food supply lines, or of attack from biological threat agents, than the U.S. Military. The traditional medical response for responding to large scale infectious disease outbreaks is to 1) quarantine exposed personnel (hours to weeks); 2) identify and characterize the agent (usually within 0-90 days); 3) develop a vaccine or therapeutic (1-14 years); and 4) to stockpile, distribute, and administer treatment. In cases where the pathogen is unknown or difficult to characterize, victims are likely to succumb before an effective therapy or vaccine can be developed, distributed and administered. DARPA/DSO is soliciting research proposals that seek to develop highly innovative approaches to counter any known, unknown, naturally occurring or engineered pathogen. Proposed research will investigate novel technologies to prevent infection, extend survival until a curative response is available, provide

transient immunity, or speed the onset of adaptive immunity. DARPA-BAA-09-43 (GG 6/22/09)

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

Deadline: 6/21/2010

SOCIAL SCIENCES

29-12 Academic Research Grant Program (Borchard)

The Borchard Foundation Center on Law & Aging supports research and scholarships toward the development of new or improved public policies, laws, and programs that will enhance quality of life for the elderly (including those who are poor or otherwise isolated by lack of education, language, culture, disability, or other barriers). The research grant program is open to all interested and qualified legal, health sciences, social sciences, and gerontology scholars and professionals. Organizations, whether profit or non-profit, are not eligible to apply, although they may administer the grant. However, two or more individuals in the same institution or different institutions may submit a collaborative proposals.

URL: <http://researchfunding.duke.edu/detail.asp?OppID=4497>

Deadline: 9/30/2009

29-13 Fall 2009 Annual Grant Competition (USIP)

The United States Institute of Peace announces its Annual Grant Competition, which offers support for research, education and training, and the dissemination of information on international peace and conflict resolution. The Annual Grant Competition is open to any project that falls within the Institute's broad mandate of international conflict resolution. <http://www.usip.org/grants>

Deadline: 10/1/2009

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