

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 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>

AGRICULTURE

11-1 National Needs Graduate Fellowship Program (USDA)

The fellowships supported through the Food and Agricultural Sciences National Needs Graduate Fellowship Grants Program are intended to encourage outstanding students to pursue and complete graduate degrees in critical areas of national need. For FY 2008, CSREES intends to support graduate fellowship training for both Master's and doctoral levels of study. Applications are being solicited in the following Targeted Expertise Shortage Areas: 1) agricultural genomics and bioinformatics; 2) natural resources and the environment; 3) agricultural systems and natural resource engineering; 4) agricultural management and economics; 5) food science; 6) human nutrition; 7) sciences for agricultural biosecurity; and 8) training in sustainable sciences. USDA-CSREES-HEP-001404 (GG 3/17/08)
URL: <http://www.csrees.usda.gov/>
Deadline: 5/8/2008

11-2 Research of the Economics of Invasive Species Management (USDA)

The Economic Research Service (ERS) is accepting economic research proposals in

two broad research areas of importance to the USDA's invasive species policies and programs. The term Invasive species is applied broadly to include any vertebrate, invertebrate, weed, fungus, plant disease, animal or livestock disease, or other organism that: 1) is nonnative, alien, or exotic to the ecosystem where it exists or potentially could be introduced-including agricultural, range, and forest ecosystems; and 2) When introduced causes, or is likely to cause, economic or environmental harm. Proposals should focus on applied economic research that has direct implications for USDA policies and programs for protection from, control/management of, regulation concerning, or trade policy relation to invasive species. PREISM-2008-001 (GG 3/5/08)

URL: <http://www.ers.usda.gov/Briefing/InvasiveSpecies/preism.htm>
Deadline: 4/25/2008

11-3 FY 2008 Assessment and Watershed Protection Program Grants (AWPPGs) (EPA)

The US EPA is accepting proposals from eligible applicants under two National Priorities: 1) Watershed/Total Maximum Daily Load (TMDL) National Priority and 2) Nonprofit Source National Priority. The Watershed/TMDL National Priority focuses on projects that advance the science of TMDL development and watershed management through the provision of technical training/information transfer, and enhancement of TMDL production efficiencies. The specific project topic areas include: Assessment and TMDL Workshops, Tools, Incentives, and Products Training for the Watershed Approach; and Tools Incentives, and Trainings that Foster the Financing of Water Quality Protection and/or Habitat Restoration/Protection Activities on a Watershed Scale. The Nonpoint Source National Priority focuses on enhancing lake water quality through innovative outreach projects, educational materials, curriculum design, and awareness programs. EPA-OW-OWOW-08-03 (GG 2/29/08)

URL: <http://www07.grants.gov>
Deadline: 4/22/2008

11-4 Brownfields Training, Research, and Technical Assistance Grants (EPA)

The Environmental Agency announces the availability of funds to provide training, research, and technical assistance to communities facing brownfields cleanup and revitalization challenges. EPA is particularly interested in funding projects in the subject areas of protection of human health and the environment, sustainable development, and equitable develop-

ment. EPA-OSWER-OBLR-08-02 (GG 3/18/08)

URL: <http://www07.grants.gov/search/search.do?mode=VIEW&oppId=41017>
Deadline: 5/1/2008

11-5 Identifying Critical Areas and Targeting Best Management Practices (BMPs) for Water Quality in Region 7 Priority Watersheds (EPA)

The grant(s) to be awarded under this RFP will provide an eligible applicant an opportunity to complete a detailed watershed assessment in at least one of the priority watersheds identified by Region 7 by identifying critical areas and target best management practices (BMPs) by a modeling approach. Project implementation must occur within the states of EPA Region 7 - Iowa, Kansas, Missouri, and/or Nebraska. EPA-R7WWPD-08-001 (GG 2/27/08)

URL: <http://www07.grants.gov>
Deadline: 4/16/2008

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

11-6 New Faculty Awards (Dreyfus)

The Camille and Henry Dreyfus Foundation seeks to support the scholarly activity of new faculty with an award designed to help initiate their independent research programs. The new Faculty Award provides an unrestricted research grant of \$50,000 that is generally made before the new faculty members formally begin their first tenure-track appointment, and is based on institutional nomination. The new Faculty Award Program is open to all academic institutions in the United States of America that grant a doctoral degree in chemistry, biochemistry, or chemical engineering. Institutions may make only one nomination annually for the New Faculty Award Program.

URL: <http://www.dreyfus.org/>
Deadline: Internal 3/28/2008, 5/8/2008

11-7 Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI) (NSF)

The Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI) program supports research which addresses three basic issues related to engineering education: 1) how students best learn the ideas, principles, and practices to become creative and innovative engineers, and how this learning is measured; and 2) research that helps the community understand how to better attract a more talented and diverse student body, in particular U.S. citizens and permanent residents, to all levels of engineering study. This would also include research to understand how to increase student inter-

est in engineering by leveraging partnerships among engineering schools, school districts, and exemplary non-profit organizations to recruit and retain engineering students. Finally 3) this program will support projects to investigate potential models for the evaluation of and assessment of how successful teaching, advising and mentoring leads to improved retention and graduation, and ultimately, to a sound business model for engineering education. NSF 08-542

URL: <http://www.nsf.gov/pubs/2008/nsf08542/nsf08542.htm>

Deadline: 4/30/2008

11-8 Computer Systems Research (CSR) (NSF)

The Computer Systems Research (CSR) Program supports innovative research and education projects that: increase our understanding of large-scale and increasingly data-intensive computer systems and applications, through the creation of new knowledge needed to improve their design, use, behavior and stability; capitalize on research opportunities provided by new technologies and new classes of systems; expand the capabilities of computer systems by developing highly innovative new ways to exploit existing technologies; lead to systems software that is quantifiably more reliable, easier to use, and/or more efficient; and produce innovative curricula or educational materials that better prepare future generations of computing professionals. The FY 2008 competition invites innovative, forward-looking research projects in the following three areas: Distributed and Mobile Systems and Services (DMSS); Parallel Systems, Computing and Execution (PSCE); and Embedded, Hybrid, and Critical Systems (EHCS). NSF 08-538

URL: <http://www.nsf.gov/pubs/2008/nsf08538/nsf08538.htm>

Deadline: 4/23/2008

11-9 Pollution Prevention Grant Program (EPA)

EPA is announcing the availability of Pollution Prevention (P2) Grants. EPA anticipates that approximately \$4.1 million will be available to support P2 Grants to States, State entities, i.e., State agencies, State colleges or universities, Federally-recognized Tribes, and Intertribal Consortia in FY 2008 for prevention activities during FY 2008 - 2009. P2 Grants dollars are targeted at State and Tribal technical assistance programs that address the reduction or elimination of pollution by businesses across all environmental media: air, water and land. EPA-HQ-OPPT-08-006 (GG 3/4/08).

URL: <http://www.epa.gov/p2/pubs/grants/ppis/2008rfpp2grant.htm>

Deadline: 4/16/2008

HEALTH & LIFE SCIENCE

11-10 NIH K-INBRE (KUMC)

The mission of the NIH-funded Kansas IDEa Network of Biomedical Research

Excellence (Kansas K-INBRE) grant is to strengthen the ability of Kansas researchers to compete effectively for NIH funds by building a critical mass of junior and senior investigators as well as undergraduates, graduate students and post-doctoral fellows. Within the scientific research theme, Cell and Developmental Biology, focus areas include reproductive and embryonic development, organogenesis, developmental neuroscience, and cellular and developmental pathologies. The K-INBRE grant is up for renewal July 1, 2008. Funding is being requested in the renewal application for four new faculty to participate as Major Starter Grant Recipients. Faculty must be within 5 years of hiring and can be either tenure track or research track. Investigators who have received a research grant with direct costs of more than \$50,000/year from NIH or other extramural funding agency are not eligible.

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Deadline: Letters of Intent 4/1/2008; Proposals 5/1/2008

11-11 Molecular Phenotypes for Lung Diseases (R01) (NIH)

The National Heart, Lung and Blood Institute (NHLBI) solicits grant applications under this Funding Opportunity Announcement (FOA) to stimulate research that will define or subcategorize human lung diseases at a molecular level enabling early diagnosis, prognosis, and personalized treatment of these diseases. The measurement of whole-genome gene expression at the RNA level will be the primary approach to systematically collect molecular phenotyping data for common and rare lung diseases. In addition, this FOA encourages the integration of data from other omics approaches (e.g. genomics, epigenomics, etc.) to reinforce or validate findings from RNA expression. RFA-HL-08-006 (NIHG 2/22/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-08-006.html>

Deadline: Letters of Intent 4/5/2008; Applications 5/5/2008

11-12 Small Grants for Lung Tissue Research (R03) (NIH)

This funding opportunity announcement (FOA) solicits research grant applications from applicant organizations that propose to conduct tissue-based research on interstitial fibrotic lung disease and/or COPD (chronic obstructive pulmonary disease). Supported projects will be required to utilize lung biospecimens and data collected by the Lung Tissue Research Consortium (LTRC). The goal of this initiative is to promote tissue-based research on COPD and interstitial fibrotic lung conditions, including studies to establish proof-of-concept in humans for novel mechanisms of pathogenesis. RFA-HL-08-008

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-08-008.html>

Deadline: Letters of Intent 4/9/2008, 9/22/2008; Applications 5/9/2008, 10/17/2008

11-13 Cooperative Research Partnerships for Biodefense and Emerging Infectious Diseases (U01) (NIH)

Through this RFA, the NIAID invites research applications for projects that will lead to development of new vaccines, vaccine technologies, adjuvants, therapeutics, immunotherapeutic or medical diagnostics focused on NIAID Category A, B or C priority pathogens and toxins. Research may include, but is not limited to: target identification and/or validation; adaptation of platform technologies or products to biodefense applications; development of broad spectrum platforms and/or production technologies; optimization of products; process development; preclinical evaluation; scale-up; and production of quantities sufficient for pre-clinical regulatory requirements.

Applications that include collaborations between researchers from different disciplines and/or with industry are strongly encouraged. RFA-AI-08-001 (NIHG 2/22/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-08-001.html>

Deadline: Letters of Intent 5/19/2008; Applications 6/19/2008

11-14 Comparative Medicine Research Development Grants (KCALSI)

The Kansas City Area Life Sciences Institute offers grants for research in Comparative Medicine which refers to research using the most appropriate animal models of diseases, toxic responses to drugs, and engineered mutations with the dual aims of increasing understanding of both human and animal physiology and of developing rational treatments for both human and animal ailments. The Principal Investigator must be from an animal health/nutrition company within the Animal Health Corridor. However, the lead institution must be a KCALSI stakeholder institution.

URL: <http://www.kclifesciences.org/Default.aspx?tabid=373>

Deadline: Letters of Intent 4/4/2008, Proposals 5/2/2008

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