

Funding Bulletin

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

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Program Information

To receive program descriptions and application forms for funding opportunities, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

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 24-2**) 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/bul07/newlimits.htm>

GENERAL

24-1 Research Experiences for Undergraduates (REU) (NSF)

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: 1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. 2) REU Supplements may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements. NSF 07-569 (Posted 6/14/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07569/nsf07569.htm>

Deadline: 9/13/2007, 8/18/2008

24-2 Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) (NSF)

The Science, Technology, Engineering, and Mathematics Talent Expansion Pro-

gram (STEP) seeks to increase the number of students receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM. An institution that awards baccalaureate degrees is allowed to submit only one Type 1 proposal, or to be part of only one consortium submitting a Type 1 proposal. There are no limits on the number of Type 2 proposals that may be submitted by an individual or organization. NSF 07-570 (Posted 6/15/2007)

URL: <http://www.nsf.gov/pubs/2007/nsf07570/nsf07570.htm>

Deadline: Internal 7/18/2007, Optional Letters of Intent 8/7/2007, Proposals 9/18/2007

24-3 Detection and Monitoring of Engineered Nanomaterials (EPA)

The Environmental Protection Agency, as part of its Greater Research Opportunities (GRO) program, is proposing research to further advance the science in the area of detection and monitoring of engineered nanomaterials. This program announcement is seeking techniques and technologies that distinguish engineered nanomaterials from incidental anthropogenic, and/or natural nanomaterials. The specific Strategic Goal and Objective from the EPA's Strategic Plan that relate to this solicitation are: Goal 4: Healthy Communities and Ecosystems, Objective 4.4: Enhance Science and Research. EPA-G2007-GO-W1

URL: http://es.epa.gov/ncer/rfa/2007/2007_gro_nano.html

Deadline: 9/13/2007

AGRICULTURE

24-4 National Extension Integrated Pest Management Special Projects Program (USDA)

In FY 2007 the National Extension Integrated Pest Management Special Projects Program will provide funding to advance the goals of the National Roadmap for Integrated Pest Management by addressing priority national needs associated with the design, development, implementation and evaluation of Extension integrated pest management programs. Support will be provided for projects that strengthen the ability of CSREES to actively address the national needs in Extension IPM programming and rapidly respond to new issues and opportunities not currently addressed adequately through existing programs and funding

mechanisms. Projects can address management needs for any class of pests including weeds, insects, plant diseases, or vertebrates. Only Extension Directors of 1862 and 1890 Land-grant Institutions are eligible to submit applications and receive EIPM awards. USDA-CSREES-SLBCD-000850 (GG 7/19/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=14494>

Deadline: 7/20/2007

24-5 Migratory Bird Joint Ventures-Mountain Prairie Region - FY2007 Opportunities (DOI)

Joint Ventures (JVs) are regional, public/private partnerships for advancing the conservation of important bird habitats within the Mountain-Prairie Region (the states of Kansas, Nebraska, North and South Dakota, Montana, Wyoming, Colorado, and Utah only) through biological planning, implementation of habitat conservation actions, focused monitoring, and evaluation of the planning and implementation processes, and communication. FWS-R6-MBJV-2007 (GG 2/16/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=12653>

Deadline: 9/1/2007

BUSINESS

24-6 Center for the Business of Government Research Stipends (Center)

The mission of the Center for The Business of Government is to provide cutting edge knowledge to government leaders. Since its creation by IBM Corporation, the Center has awarded research stipends to leading public management researchers in the academic and non-profit communities. Stipends provide funding for up to six months to complete a research report in an area of interest. For 2007 these include: Collaboration, Transformation, and Leadership; Competition, Choice, and Incentives; E-Government; Financial Management; Human Capital Management; Managing for Performance and Results. In addition, there are topics of special interest including Innovation, Managing Change, Networks, and Shared Services and several program areas related to Homeland Security.

URL: <http://businessofgovernment.org>

Deadline: 11/1/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

24-7 Warfighter Developmental Protective Clothing and Devices (DOD)

The Naval Air Warfare Center Aircraft Division solicits proposals for Warfighter Developmental Protective Clothing and

Devices. Areas of interest include but are not limited to: 1) protection against G-induced loss of consciousness, loss of situational awareness, spatial disorientation, and high altitude hypoxia; 2) development of micro/nanotechnology applicable to life support and protective devices; 3) protection against hypothermia/hyperthermia; 4) auxiliary or integrated human cooling and heating systems; 5) advanced filter/device development for eye and/or sensor protection; 6) improved garment textiles/materials flame resistance and improved garment textile/materials. Interested parties should submit a white paper. N00421-07-0043 (FBO 6/15/2007)

URL: <http://www.fbo.gov/spg/DON/NAVAIR/>

Deadline: 2/7/2008

HEALTH & LIFE SCIENCES

24-8 Protein Homeostasis in Aging: Repair and Degradation (R21) (NIH)

This Funding Opportunity Announcement solicits Exploratory/Developmental (R21) grant applications that propose to develop collaborative research among investigators interested in examining the cross-talk between different components of the protein homeostasis system in aging. Collaborative projects should explore the interactions between protein misfolding, protein degradation, protein repair and/or ER stress, including the role of chaperones, in the aging process or in the development of age-related pathology and disease. RFA-AG-08-001 (NIHG 6/15/07)

<http://grants1.nih.gov/grants/guide/rfa-files/RFA-AG-08-001.html>

Deadline: Letters of Intent 9/18/2007; Applications 10/18/2007

24-9 Interpretation of Biomarkers Using Physiologically Based Pharmacokinetic Modeling (EPA)

The Environmental Protection Agency, as part of its Science to Achieve Results (STAR) program, is soliciting applications proposing the development and/or use of physiologically based pharmacokinetic modeling for the interpretation of biomarker data, including existing biomarker data sets. Proposed models, methods, tools, and data should contribute to providing a better scientific understanding of biomarker data and how to interpret it. EPA-G2007-STAR-X1

URL: http://es.epa.gov/ncer/rfa/2007/2007_star_biomarkers.html

Deadline: 9/18/2007

24-10 Instrument Development for Biological Research (IDBR) (NSF)

The Instrument Development for Biological Research (IDBR) Program supports the development of novel instrumentation or instrumentation that has been improved by an order of magnitude or more in some aspects. The IDBR Program also supports the development or major improvement of software for the operation of instru-

ments or the primary analysis of instrument data where these software developments have the effect of improving instrument performance by at least an order of magnitude in some aspects. In the selection of projects for support, the program emphasizes the development of biological instrumentation that is not clinical or biomedical instrumentation. An investigator may submit only one proposal per fiscal year as a principal or co-principal investigator. NSF 07-568 (Posted 6/12/07)

URL: <http://www.nsf.gov/pubs/2007/nsf07568/nsf07568.htm>

Deadline: 9/12/2007, 8/29/2008

24-11 Postdoctoral Fellowships (NSBRI)

The National Space Biomedical Research Institute is soliciting applications for its Postdoctoral Fellowship Program. Two year fellowships are available in any U.S. laboratory carrying out space-related biomedical or biotechnological research that supports the NSBRI's goals. NSBRI research addresses and seeks solutions to the various health concerns associated with long-duration human space exploration. Applicants must submit proposals with the support of a mentor and institution.

URL: <http://www.nsbri.org/Announcements/rfa07-02.html>

Deadline: Notices of Intent 7/10/2007; Applications 8/1/2007

24-12 The Central Processing of Taste Information (R01) (NIH)

This Funding Opportunity Announcement (FOA) issued by the National Institute on Deafness and Other Communication Disorders (NIDCD), National Institutes of Health, solicits Research Project Grant (R01) applications from institutions/organizations studying the role of the central nervous system in the processing of taste information and the perception of taste quality. The purpose of this FOA is to foster basic and clinical research on the central mechanisms underlying the perception of taste quality. A broad range of experimental approaches is encouraged. PA-07-094 (NIHG 12/1/06)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-07-094.html>

Deadline: 10/5/2007, 2/5/2008, 6/5/2008

24-13 Development of Environmental Health Outcome Indicators (EPA)

The Environmental Protection Agency, as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research that uses existing data sources of environmental (ambient), exposure, biological and/or health-related data to develop indicators that reliably signal the impact of changes in environmental conditions, management approaches or policies on human health. Key to the development of such indicators is a clearer understanding of the sequence of events that link changes in the environment to human exposure and adverse

health outcomes. EPA-G2007-STAR-U1 (GG 6/12/07)

URL: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=14375>

Deadline: 9/19/2007

24-14 High-End Instrumentation Grant Program (S10) (NIH)

The NCRR High-End Instrumentation Grant Program (S10) solicits applications from groups of NIH-supported investigators to purchase a single major item of equipment to be used for biomedical research that costs at least \$750,000.

Instruments in this category include, but are not limited to, structural and functional imaging systems, macromolecular NMR spectrometers, high-resolution mass spectrometers, cryoelectron microscopes and supercomputers. Three or more NIH funded investigators who will be users of the requested instruments must be identified. PAR-07-383 (NIHG 6/15/07)

URL: <http://grants1.nih.gov/grants/guide/pa-files/PAR-07-383.html>

Deadline: Letters of Intent 8/17/2007; Applications 9/17/2007

R.W. Trewyn, Vice Provost for Research & Dean of the Graduate School

Jim Guikema, Associate Vice Provost, Graduate Research
Caron Boyce, Administrative Specialist

Preaward Section

Paul Lowe, Director
Anita Fahmy, Assistant Director
Kathy Tilley, Rich Doan, Carmen Garcia, Candice Foster, Danielle Brunner, Rex Goff, Dawn Caldwell, Sharon Zoeller

Information Specialist & Editor

Beverly Page

Human Subjects, Animal Care & Use, and Biosafety

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Ashley Rhodes, Compliance Liaison
Adassa Roe, Administrative Specialist

Congressional Relations

Sue Peterson, R.W. Trewyn