

Funding Bulletin

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

March 29, 2004

Vol. 13, No. 12

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

GENERAL

12-1 Cross-Sectoral Approaches for Biodiversity Conservation (USAID)

All applications must address biodiversity conservation objectives in a cross-sectoral manner, with a particular interest in applications that address biodiversity issues in relation to: Population; HIV/AIDS; Sustainable agriculture; Extractive practices and industries (including agriculture, fisheries, logging, mining, oil and gas etc.); Economic growth and trade (including poverty alleviation, private investment and sustainable financing); and/or Democracy, governance and conflict. M-OP-EGAT-04 (FG 3/16/04)

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

Deadline: 1st round 4/19/2004; 2nd round 2/15/2005

12-2 NSF-DOE/PNNL Interaction in Environmental Molecular Sciences (NSF)

The Directorates for Biological Sciences, Computer and Information Science and Engineering, Engineering, Geosciences, and Mathematical and Physical Sciences, and the Office of Polar Programs are coordinating efforts with the Department of Energy's William R. Wiley Environmental Molecular Sciences Laboratory (EMSL), operated by the Pacific Northwest National Laboratory (PNNL) for DOE, to facilitate the use of resources at the EMSL by NSF-supported Principal Investigators. NSF-supported PIs may request supplements to existing awards funded by any of the participating NSF Directorates and OPP for research at EMSL in the area of environmental molecular sciences. NSF 04-025 (3/12/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04025>

Deadline: N/A

12-3 Mars Science Laboratory Investigations (NASA)

The National Aeronautics and Space Administration Office of Space Science is releasing an Announcement of Opportunity entitled Mars Science Laboratory (MSL) Investigations to solicit proposals for investigations for a space flight mission to be launched in December 2009. These investigations will respond to the overall MSL science objective to explore

and quantitatively assess Mars as a potential habitat for life, past or present. NNH04ZSS0010 (FG 3/22/04)

URL: <http://centauri.larc.nasa.gov/msl/MSLib.html>

Deadline: 7/15/2004

AGRICULTURE

12-4 Developing Country Collaborations in Plant Genome Research (DCC-PGR) (NSF)

NSF will support research collaboration between US scientists and scientists in developing countries as part of ongoing or new Plant Genome Research Program awards. The Developing Country Collaborations in Plant Genome Research (DCC-PGR) is an addendum to the NSF Program Solicitation, NSF 04-510, Plant Genome Research Program (PGRP). The intent of DCC-PGR awards is to support collaborative research linking US researchers with partners from developing countries to solve problems of mutual interest in agriculture, energy and the environment, while placing US and international researchers at the center of a global network of scientific excellence. A request for supplemental funding should be made under an existing PGRP award. Support can also be requested within a proposal for a new or renewal PGRP award. NSF 04-563 (3/12/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04563>

Deadline: 10/8/2004

EDUCATION

12-5 Course, Curriculum, and Laboratory Improvement (CCLI) (NSF)

The Course, Curriculum, and Laboratory Improvement (CCLI) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all students, based on educational research and empirical data concerning needs and opportunities in undergraduate education and effective ways to address them. The CCLI program has four tracks that emphasize, respectively, the development of new educational materials and practices for a national audience (EMD); the local adaptation and implementation of previously developed exemplary materials and practices, including laboratory experiences and support for instrumentation (A&I); the national dissemination of exemplary materials and/or practices through faculty professional development (ND); and the assessment of student achievement, including research on assessment and the development of assessment tools and practices (ASA). NSF 04-565 (3/18/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04565>

Deadline: ND 6/16/2004, EMD 6/17/2004, A&I 12/2/2004, ASA 12/8/2004

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

12-6 Innovative Information Exploitation Technology and Systems (DOD)

DARPA's Information Exploitation Office (DARPA/IXO) is soliciting proposals for advanced research and development of enabling technology, critical subsystems, and full system concepts that will provide revolutionary improvement to the efficiency and effectiveness of military command, control, intelligence, surveillance, reconnaissance (C2ISR) and strike operations in complex battlespaces. The goal of this solicitation is to identify and develop novel ideas about sensing, signal processing, target characterization, data fusion, target tracking, predictive awareness, battle management, collaborative planning, and visualization that can contribute to future warfighting effectiveness. BAA04-17 (FBO 3/8/04)

URL: <http://dtsn.darpa.mil/ixo/solicitations/IXO/index.htm>

Deadline: Abstracts 4/9/2004; Proposals 6/18/2004

12-7 National Earthquake Hazards Reduction Program (DOI)

Applications are invited for research projects under the NEHRP. The purpose of the USGS Earthquake Hazards Program is to provide products for earthquake loss reduction to the public and private sectors and by carrying out research on earthquake occurrence and effects. 05HQPA0001 (FG 3/9/04)

URL: <http://www.usgs.gov/contracts/nehrp/>

Deadline: 5/6/2004

12-8 Operating/Runtime Systems for Extreme Scale Scientific Computing (DOE)

The Office of Advanced Scientific Computing Research of the Office of Science, U.S. Department of Energy, announces its interest in receiving applications for research grants in the area of operating and runtime systems for extreme scale scientific computation. Partnerships among universities, National Laboratories, and industry are encouraged. DE-FG01-04ER04-13 (FR 3/17/04)

URL: <http://www.science.doe.gov/production/grants/grants.html>

Deadline: Pre-applications 3/26/2004; Applications 5/4/2004

12-9 Tropical Cloud Systems and

Processes (TCSP) (NASA)

This NASA Research Announcement solicits investigations of tropical cloud systems and their environmental feedback which contribute to a unified approach to study variations in the Earth's climate system. The announcement seeks innovative investigations that utilize NASA's observational data for investigations of tropical cyclones, the impact of cirrus clouds on atmospheric cycles of water and energy, and related feedbacks on the radiative, compositional and dynamic attributes of the upper troposphere/lower stratosphere. It also seeks proposals that utilize this knowledge in facilitating the development and evaluation of models and data assimilation systems that include representations of tropical cloud processes and their impact on Earth's climate system. NN-H-04-Z-YS-003-N (FG 3/15/04)

URL: <http://research.hq.nasa.gov>

Deadline: 7/1/2004

12-10 Development of Technologies for Assurance of the U.S. Energy Infrastructure (DOE)

The U.S. Department of Energy National Energy Technology Laboratory is seeking applications to develop and demonstrate technology that can help ensure the reliability and security of the Nation's energy infrastructure. The objective of this announcement is to financially assist selected participants to develop technologies in the following areas of interest and to demonstrate the technology at an end user facility: 1) Physical Security (DE-PS26-04NT42071-01), 2) Cyber Security (DE-PS26-04NT42071-02), and 3) Modeling, Simulation, and Analysis (DE-PS26-04NT42071-03). (FG 3/16/04)

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

Deadline: 5/28/2004

12-11 Advanced Hardened Materials Research (AHMR)

Air Force Research Laboratory, Wright Research Site, is soliciting technical and cost proposals for Advanced Hardened Materials Research (AHMR). The technologies investigated and developed will provide the basis for fabricating novel agile filters and optical limiters across the visible, near infrared, and infrared (VIS/NIR/IR) spectral regions for wavelength-independent hardening. The technologies required shall include, but not be limited to, various linear and nonlinear electro-optic phenomena that will provide active or passive hardening. BAA-04-06-MLK (FBO 3/12/04)

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

Deadline: 4/26/2004

12-12 Hydrogen Safety, Codes and Standards Research (DOE)

The Energy Department is soliciting applications for research that will support hydrogen safety. Three funding categories are: hydrogen system sensors, pipeline materials and sensors, and process plant sensors. The goal is to ensure that

research and development activities bring hydrogen systems into the marketplace.

DE-PS36-04GO94000 (FR 3/2/04)

URL: <http://www.gpoaccess.gov/fr/index.html>

Deadline: 5/20/2004

HEALTH & LIFE SCIENCES

12-13 KU/NIH COBRE Correction (KU)

The deadline listed last week for this COBRE program was incorrect. It is for a COBRE renewal competition not yet officially released. The Project Awards program proposals are due May 3.

URL: <http://www2.kumc.edu/cobre>

Deadline: 5/3/04

12-14 Physical Activity and Healthy Eating (Sunflower)

The Sunflower Foundation announces a new funding opportunity, a request for Proposals (RFP 04-102) titled: Promoting Physical Activity and Healthy Eating to Reduce the Prevalence of Obesity in Kansas. The underlying focus of this RFP centers on creating and supporting systems that ensure individuals are successful in establishing and maintaining a healthy and active lifestyle. Recognizing that choice is at the center of behavior change and that cultural, social and physical environments may present barriers to making healthy choices is paramount to the type of proposal that is being sought.

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

Deadline: 4/23/2004

12-15 Exchange Program with Former Soviet Union Institutes in the Biomedical Sciences (NRC)

The National Research Council (NRC) is sponsoring a program of international exchange for American scientists interested in the prophylaxis, diagnosis, epidemiology, and therapy of pathogens, including related basic research investigations. The program will provide the successful applicants with an opportunity to spend two weeks in July 2004 becoming familiar with research and related work on pathogens being carried out at research institutes in Russia, Uzbekistan, or Kazakhstan.

URL: http://www7.nationalacademies.org/dsc/Biomedical_Exchange_Program.html

Deadline: 4/15/2004

12-16 Development and Characterization of Biological Systems for Studying Low Dose Effects of Endocrine Disrupting Chemicals (EPA)

The U.S. Protection Agency, Office of Research and Development (ORD) as part of its Science to Achieve Results (STAR) program, is seeking applications proposing to develop and characterize biological systems for studying the nature of the dose-response to endocrine disrupting chemicals. The purpose of the solicitation

is to develop a body of information that will allow more informed judgments to be made in designing appropriate toxicology studies for identifying substances with endocrine activity and for interpreting their findings. Research should focus on the estrogen, androgen, or thyroid hormone systems, as these systems are the focus of the Agency's Endocrine Disruptors Screening Program. EPA-GRANTS-031904-002 (FG 3/19/04)

URL: http://es.epa.gov/ncer/rfa/2004/2004_low_dose.html

Deadline: 6/1/2004

12-17 Proteomic and Metabolomic Approaches to Diagnose Diabetes and Pre-Diabetes (NIH)

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) encourages the application of proteomic and other novel technologies to develop new diagnostic tests and/or to identify new biomarkers for the diagnosis of pre-diabetes and/or diabetes that do not require fasting or glucose administration. PAR-04-076 (NIHG 3/19/04)

URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-04-076.html>

Deadline: Letters of Intent 6/18/2004; Applications 7/20/2004

SOCIAL SCIENCES

12-18 Mental Health Consequences of Violence and Trauma (NIH)

Through this Program Announcement the National Institute of Mental Health (NIMH) seeks to encourage investigator-initiated research to enhance scientific understanding about the etiology of psychopathology related to violence and trauma, as well as studies to develop and test effective treatments, services, and prevention strategies in this area. PA-04-075 (NIHG 3/12/04)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-04-075.html>

Deadline: 6/1/2004, 10/1/2004, 2/1/2005

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

Ted Knous, Associate Vice Provost for Research

Caron Boyce, Secretary

Jim Guikema, Associate Vice Provost, Graduate Research

Preaward Section

Paul Lowe, Director

Anita Fahrny, Assistant Director

Kathy Tilley, Carole Lovin, Rich Doan, Beverly Nichols, Jean Sommer, Rex Goff, Dawn Caldwell, Jodi Milliner

Information Specialist & Editor
Beverly Page

Human Subjects, Animal Care & Use, and Biosafety

Gerald P. Jaax, Research Compliance Officer
Alissa Ross, Secretary

Congressional Relations

Sue Peterson, R.W. Trewyn