

Funding Bulletin

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

July 6, 2004

Vol. 13, No. 25

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

25-1 Biological and Fluid Physics Research For Human Support Technology (NASA)

This NASA Research Announcement (NRA) solicits basic research and research that enables technology development in support of the science missions of the Office of Biological and Physical Research (OBPR). This NRA is limited to specific aspects of biological research and fluid physics as they pertain to life support systems for future space exploration. These areas include plant biology, microbial ecology, multiphase flow, and interfacial phenomena. Solicited proposal types include ground-based research and ground-based Pilot Studies, depending on research area. NNH04ZUU004N (FG 6/24/04)

URL: http://research.hq.nasa.gov/code_u/nra/current/NNH04ZUU004N/index.html
Deadline: 9/29/2004

25-2 Developing Global Scientists and Engineers (NSF)

In response to a world in which science and engineering are increasingly global in scope, NSF's Office of International Science and Engineering (OISE) program has restructured its programs. One of the focal areas of OISE activity will be providing international research and education experiences for U.S. students and junior researchers. This solicitation addresses opportunities for international research and education for early career stages of scientists and engineers, i.e., as undergraduates and graduate students and support for Doctoral Dissertation Enhancement Projects (DDEP). The goal of these activities is to build a more inclusive and globally-engaged workforce that fully reflects the strength of our diverse population. NSF 04-036 (Posted 6/16/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04036>
Deadline: 9/15/2004, 2/15/2005

25-3 Research Program At Earthwatch (Earthwatch)

Earthwatch Institute is an international non-profit organization that supports scholarly field research worldwide in the biological, physical, social and cultural sciences. The Research Program at Earth-

watch is responsible for soliciting, reviewing, and recommending research proposals for Earthwatch support. Earthwatch's mission is to provide scientists with the funding and labor they need in the form of motivated, dedicated, paying volunteers. This unique funding model enables Earthwatch to support research in a variety of disciplines, dependent only on a researcher's need for volunteers and Earthwatch's ability to find them.

URL: <http://www.earthwatch.org/research/proposals.html>

Deadline: Open

25-4 Smart Growth and Brownfield Redevelopment(EPA)

The Development, Community, and Environment Division (DCED) in EPA's Office of Policy Economics and Innovation is issuing this request for initial proposals (RFIP) to support the efforts of communities to integrate smart growth principles and practice into their brownfield redevelopment programs, related planning and/or revitalization activities. Proposals are encouraged in three categories: 1) Improving the regulatory climate for infill development through smart growth policy approaches and practices; 2) Improving the market climate for brownfield development through infill development; and 3) Linking infill development to open space preservation. (FG 6/24/04)

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

Deadline: 8/24/2004

25-5 NSF Director's Award for Distinguished Teaching Scholars (NSF)

The NSF Director's Award for Distinguished Teaching Scholars (DTS) recognizes and rewards individuals who have contributed significantly to the scholarship of their discipline and to the education of students in STEM, and exemplify the ability to integrate their research and educational activities. The Director's Award is the highest honor bestowed by the NSF for excellence in both teaching and research in STEM fields, or in educational research related to these disciplines. This solicitation continues a two-step review process in which potential applicants are first nominated by presidents, chief academic officers, or independent researchers, as viable candidates for recognition as distinguished teaching scholars. On the basis of these substantive nominations and letters of reference covering the nominee's research and educational accomplishments, a subset of individuals will be invited to submit proposals of the projects they intend to undertake. NSF 04-594 (Posted 6/17/04)

URL: <http://www.nsf.gov/pubsys/ods/>

getpub.cfm?nsf04594

Deadline: Letters of Intent 9/22/2004
Applications 10/20/2004

ARTS & HUMANITIES

25-6 Funding to Promote Work of Lesser Known Artists (Rothschild)

Created by the will of the painter Judith Rothschild, the Judith Rothschild Foundation provides funding to stimulate interest in recently deceased American painters, sculptors, and photographers whose work is the highest quality but lacks wide recognition. The foundation makes grants to present, preserve, or interpret work of the highest aesthetic merit by lesser-known American artists who have died since September 12, 1976. Examples of grants include support for the organization of exhibitions; the acquisition of works of art for display and study in museums and public programs, films, or videos; the preparation of publications; scholarly and critical pursuits; and the conservation, cataloguing, and safe-keeping of works of art.

URL: <http://judithrothschildfdn.org/guidelines.html>

Deadline: 9/15/2004

EDUCATION

25-7 Technology and Media Services for Individuals With Disabilities - Technology Implementation Center (ED)

The purpose of the Technology and Media Services for Individuals With Disabilities - Technology Implementation Center competition is to: 1) Improve results for children with disabilities by promoting the development, demonstration, and use of technology; 2) support educational media activities designed to be of educational value to children with disabilities; 3) provide support for some captioning, and video description; and 4) provide cultural experiences through appropriate nonprofit organizations. CFDA #84.327M (FR 6/28/04)

URL: <http://www.ed.gov/news/fedregister>
Deadline: 7/30/2004

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

25-8 Experimental and Theoretical Development of Quantum Computers (DoD)

The Army Research Office (ARO) solicits research proposals for the following four categories: 1) Quantum Computing Concept Maturation proposals are for large scale, four-year combined experimental and theoretical studies of potential physical embodiments of quantum bits

and quantum logic, perhaps including studies in the related fields of quantum error correction, control, decoherence, and entanglement. 2) Short-Term, Innovative Concept proposals are for smaller, short-term (1-3 year) experimental or theoretical studies exploring new quantum computing concepts that could engender a larger scale project in the future. 3) Quantum Algorithm proposals are for three-year studies to primarily develop new quantum computing algorithms but may also consider issues of quantum computational complexity and computability. 4) Quantum Computing Graduate Research Fellows, or QuaCGR Fellows, proposals are for three-year fellowships for graduate students who are U.S. citizens working on quantum computing investigations funded or requesting funding through the ARO/ARDA quantum computing program. W911NF-04-R-0009 (FBO 6/24/04)

URL: <http://www.aro.army.mil/research/index.htm>

Deadline: Letters of Intent 8/25/2004; Applications 11/2/2004

25-9 Innovative Small Research Projects for Transportation Planning (DOT)

The purpose of this solicitation is to develop innovative approaches for improving transportation planning and decision-making. This may include new or improved planning applications; expanding planning applications to new audiences; and identification and testing new channels for disseminating information and expertise. The research will target specific needs and areas of interest that will support FHWA work in Transportation Planning Capacity Building. The topic areas are: Transportation Planning in Rural Areas and Small Communities; and Intermodal Planning in Statewide and Metropolitan Processes. DTFH61-04-RA-00004 (FBO 6/24/04)

URL: <http://www.eps.gov/spg/DOT/FHWA/>

Deadline: 7/27/2004

25-10 Cooperative Studies Of The Earth's Deep Interior (NSF)

The Division of Earth Sciences (EAR) invites the submission of proposals for collaborative, interdisciplinary studies of the Earth's interior within framework of the community-based initiative known as Cooperative Studies of the Earth's Deep Interior (CSEDI). Funding will support basic research on the character and dynamics of the Earth's mantle and core, their influence on the evolution of the Earth as a whole, and on processes operating within the deep interior that affect or are expressed on the Earth's surface. Projects may employ any combination of field, laboratory, and computational studies with observational, theoretical, or experimental approaches. Multidisciplinary work is required. NSF 04-593 (Posted 6/17/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04593>

Deadline: 9/20/2004, 8/25/2005

HEALTH & LIFE SCIENCES

25-11 Young Investigator Award in Cancer Gene Therapy (ACGT)

Alliance for Cancer Gene Therapy, a public charity that funds research aimed at furthering the development of gene therapy approaches to the treatment of cancer, is requesting applications for its 2004 ACGT Young Investigator Award. The overall objectives of this grant are to advance gene therapy into the causes, treatment, and prevention of all types of cancer by promoting development of novel and innovative studies by young investigators. The program six main areas of research are: tumor-specific replicating viruses and bacteria; anti-angiogenesis; immune-mediated gene therapy and cancer vaccines; oncogenes/suppressor and oncogenes/apoptosis; tumor targeting and vector development; and other cancer gene therapy research.

URL: <http://acgtfoundation.org/research.html>

Deadline: 9/15/2004

25-12 Metabolomics: Application to Environmental Health Research (NIH)

The National Institute of Environmental Health Sciences (NIEHS) and the National Institute of Alcohol Abuse and Alcoholism (NIAAA) invite research applications that use metabolomics technologies to study metabolic and regulatory pathways that are perturbed by environmental exposures that can lead to the development of toxicity and disease. Ultimately, a metabolomic approach to studying biological systems should lead to 1) a better understanding of the mechanism(s) involved in the dysregulation of pathways by environmental agents, 2) the development of predictive biomarkers or surrogate endpoints of toxicity or clinical response and 3) a more rational approach for the development of disease intervention/prevention strategies. RFA-ES-04-008 (NIHG 6/25/04)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-04-008.html>

Deadline: Letter of Intent 8/13/2004 Applications 9/14/2004

25-13 Centers of Biomedical Research Excellence (COBRE) (NIH)

The National Institutes of Health is inviting applications for Centers of Biomedical Research Excellence (COBRE) from investigators at institutions in IDeA-eligible states (which includes Kansas). The thematic multi-disciplinary center must be led by a peer-reviewed, funded investigator with expertise central to the research theme of the proposal. The application must have a thematic scientific focus in a specific research area, such as neuroscience, cancer, structural biology, immunology, or bioengineering. Institutions may hold no more than three active COBRE awards. Applications are encouraged from veterinary schools which will be treated as separate eligible entities and will be allowed to submit applications in addition to the parent institution. Only

one application per eligible institution will be accepted. Please contact Jim Guikema, 532-6195, by July 30 if you are interested in submitting an application. RFA-RR-04-007 (NIHG 6/25/04)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-04-007.html>

Deadline: Letter of Intent 9/22/2004 Applications 10/20/2004

SOCIAL SCIENCES

25-14 Eurasian Undergraduate Exchange Program (STATE)

The Office of Academic Exchange Programs and the Bureau of Educational and Cultural Affairs announces an open competition for the Eurasian Undergraduate Exchange Program to administer the recruitment, selection, placement, monitoring, evaluation, follow-on, and alumni activities for the FY 2005 Eurasian Undergraduate Exchange Program. The Eurasian Undergraduate Exchange Program provides scholarships for one-year, non-degree study at the U.S. institutions of higher education to outstanding students from Eurasia (Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Krygyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan). Scholarships are available in the fields of agriculture, American studies, business, computer science, economics, education, environmental management, international relations, journalism and mass communication, political science and sociology. ECA/A/E/EUR-05-04 (FR 6/28/04)

URL: <http://exchanges.state.gov/education/RFGPs>

Deadline: 7/30/2004

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