

Funding Bulletin

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

April 9, 2003

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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

Notice

14-1 Oklahoma EPSCoR Meeting

Oklahoma's NSF EPSCoR committee is holding a one-day conference focusing on the areas of nanostructured materials and functional genomics on the Stillwater campus of Oklahoma State University, Thursday, May 15, 2003. The agenda includes oral presentations by leading researchers in the areas of nanostructured materials and functional genomics, as well as program officers from NSF. Researchers, students, and postdocs from other regional states are invited to attend. Attendance is free but registration is required.

URL: <http://okepscor.org>

Deadline: Registration 5/1/2003

GENERAL

14-2 Valuation for Environmental Policy (EPA)

The U.S. Environmental Protection Agency, as part of its Science to Achieve Results (STAR) program, is seeking applications for research to develop methods, models, and empirical estimates to improve the valuation of human health and ecological endpoints at risk from environmental harm. EPA is emphasizing two focus areas: results that can be widely applied or transferred from one situation to another and research that improves the accuracy of benefit transfer. This solicitation has two parts: Part 1-Human Health Valuation and Part 2-Ecological Valuation. The two focus areas are common across both parts.

URL: http://es.epa.gov/ncer/rfa/current/2003_valu_environ.html

Deadline: 5/13/2003

ARTS & HUMANITIES

14-3 Learning in the Arts for Children and Youth (NEA)

The Learning in the Arts for Children and Youth program assists projects that help children and youth to acquire knowledge, skills, and understanding of the arts. This category supports projects that provide hands-on learning and engagement of learners with skilled artists, teachers, and

excellent art in early childhood, school-based, and community-based settings. The Endowment also supports projects that recognize and cultivate best practices and exemplary research that explores the effect of arts learning on the cognitive and social development of children and youth. A parent organization and its separately identifiable and independent components (e.g., a university campus with an art museum) may submit one application for each component and one application from the parent organization. Please notify Ted Knous, Associate Vice Provost for Research, 532-6195, tknous@ksu.edu by April 30 if you wish to submit.

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

Deadline: 6/16/2003

14-4 Canadian Studies (Canada)

The Canadian Government provides support for teaching, research, conferences and program activities that further the knowledge and understanding of Canada in the United States. The June deadline is for Conference Grants to assist institutions to hold a conference addressing important and timely issues about Canada and to publish the proceedings in a scholarly fashion, Senior Fellowships which provide accomplished scholars an opportunity to complete and publish a major monograph, and Program Enhancement Grants to encourage the strengthening of Canadian Studies. Also available are Faculty Enrichment (Course Development) grants; Research Grants; and Graduate Student Fellowships.

URL: <http://www.canadianembassy.org/education/index-en.asp>

Deadline: 6/13/2003, 9/30/2003, 10/31/2003

EDUCATION

14-5 Polar Education (NSF)

The Office of Polar Programs (OPP) and the Directorate for Education and Human Resources (HER) offers an opportunity to request NSF support for projects that integrate polar field research and education. OPP and HER jointly encourage proposals for well-designed, creative education projects that immerse K-12 teachers in polar research experiences and that offer structured support to effectively transfer those experiences into classrooms and communities. An opportunity to propose such a project currently exists through the Teacher Professional Continuum (TPC) program, which is managed by the Division of Elementary, Secondary and Informal Education. NSF 03-033

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03033>

Deadline: 5/19/2003

14-6 Early Childhood Educator Professional Development Programs (ED)

The purpose of the Early Childhood Educator Professional Development Program is to enhance the school readiness of young children, particularly disadvantaged young children, to prevent them from encountering difficulties once they enter school. The program is designed to improve the knowledge and skills of early childhood educators who work in communities that have high concentrations of children living in poverty. Projects funded under this program provide high-quality, sustained, and intensive professional development for early childhood educators in how to provide developmentally appropriate school-readiness services for preschool-age children, including the age-appropriate development of oral language, phonological awareness, print awareness, alphabet knowledge, and numerical skills. CFDA #84.349A (FR 03/31/03)

URL: <http://www.ed.gov/offices/OESE/SASA/ecprofdev.html>

Deadline: 5/16/2003

14-7 Teacher Professional Continuum (NSF)

Teacher Professional Continuum (TPC) addresses critical issues and needs regarding the recruitment, preparation, enhancement, and retention of science, technology and mathematics (STM) teachers for grades K-12. Its goals are to improve the quality and coherence of the learning experience that prepare and enhance STM teachers; to develop innovative resources that prepare and support STM teachers and school and district administrators; to research and develop models and systems that support the teacher professional continuum; to research teacher learning and its impact on teaching practice; and to disseminate this research as well as innovative models and resources to a national audience. The TPC program encourages the submission of proposals for projects that fall within one of the following four categories: 1) Research Studies; 2) Research and Development of Educational Models and Systems; 3) Professional Resources Development; and 4) Conferences and Symposia. NSF 03-534

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03534>

Deadline: Letters of Intent 5/19/2003, Applications 9/10/2003

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

14-8 Data in the Optical Domain Networks (DOD-N)

The Defense Advanced Research Projects

Agency (DARPA) is soliciting innovative research proposals in the area of technology for a dynamic routing and packet switching optical Network that keeps Data in the Optical Domain (DOD-N). Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices or systems. The objective of this program is to demonstrate technology for a dynamic routing and packet switching optical Network that eliminates the need for any Optical-to-Electrical-to-Optical (OEO) conversions, as well as removes other bottlenecks in the current communications systems. BAA03-19 (FBO 03/28/03)

URL: <http://www.darpa.mil/mto/solicitations/index.html>
Deadline: 5/30/2003

14-9 Advanced Engine Concept Assessment (DOD)

DARPA and the Army are currently developing an unmanned combat armed rotorcraft (UCAR) for the Objective Force. UCAR is being developed to support a wide range of Army missions including armed attack and reconnaissance. The potential mission mix will most likely demand various power requirements (propulsion, accessories, mission equipment, etc.), and significant operation at part power conditions. The mission mix is also expected to require demanding payload / range requirements and long endurance to meet desired time-on-station. The AAT D has developed an engine development plan to demonstrate advanced gas turbine propulsion capability with a current focus on UAV application. The intent of this BAA is to perform a specific conceptual design of a 1000 horsepower class, innovative propulsion concept and establish its feasibility for application to emerging UCAR system configurations. DAAH10-03-R-0006 (FBO 03/28/03)

URL: <http://www.eps.gov/spg/USA/USAMC/DAAH10/DAAH10-03-R-0006/SynopsisP.html>
Deadline: 5/13/2003

14-10 Pollution Prevention Information Network (EPA)

The Environmental Protection Agency is seeking applications to support a nationwide network of pollution prevention providers. Grants support coordinated development, review and dissemination of pollution prevention information among federal, state and local agencies involved in promoting pollution source reduction technologies. (FR 03/21/03)

URL: <http://www.epa.gov/p2/>
Deadline: 5/20/2003

14-11 Applications of Molecular Electronics Technology (MoleApps) DARPA (DOD)

The Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals for applying molecular-scale electronics technology to

the development of ultra-dense molecular electronic computer processors and molecular electronic sensor systems for use in a variety of standalone and embedded applications. Proposed research should investigate innovative approaches that would actually produce prototype nanoelectronic systems that will enable revolutionary advances in computing and sensing. BAA03-12 (FBO 02/27/03)

URL: <http://www.darpa.mil/mto/solicitations/index.html>
Deadline: 5/23/2003

HEALTH & LIFE SCIENCES

14-12 Academic Research Enhancement Award (NIH)

The National Institutes of Health (NIH) is continuing to make a special effort to stimulate research in educational institutions that provide baccalaureate or advanced training for a significant number of the Nation's research scientists but that have not been major recipients of NIH support. Academic Research Enhancement Award (AREA) funds are intended to support new (type 1) and continuing (renewal or competing continuation or type 2) health-related research projects proposed by faculty members of eligible schools and components of domestic institutions. The AREA will enable qualified scientists to receive support for small-scale research projects. Both K-State's School of Veterinary Medicine and other academic components are eligible to apply. Other academic components means all schools, departments, colleges, and free-standing institutes of the institution except the health professional schools, taken as a single component. PA-03-053 (NIHG 01/10/03)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-03-053.html>
Deadline: 5/25/2003, 9/25/2003

14-13 Neuroimaging the Effects of Drugs of Abuse on the Development of the Human Nervous System (NIH)

The purpose of this RFA is to support studies that take advantage of the rapidly evolving methodology of neuroimaging to further our understanding of the consequences of drug exposure, abuse and addiction on the developing human brain. Research proposed in response to this RFA need not involve subjects or participants that have been exposed to drugs of abuse, but may investigate brain areas and maturational processes that have been demonstrated to be affected by drug exposure. DA-04-002 (NIHG 02/07/03)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-04-002.html>
Deadline: Letters of Intent 5/19/2003, Applications 6/18/2003

SOCIAL SCIENCES

14-14 Research on the Socio-Economic Change in Cities, FY 2002 (HUD)

The Housing and Urban Development Department is seeking applications for

empirical research on trends in urban areas, specifically social, economic, demographic and fiscal change. Applicants may propose descriptive studies, analytical studies or both. Methods may include statistical techniques, econometric estimation, geographic information system techniques, case studies, research reviews and meta-analyses. (FR 03/26/03)

URL: http://www.gpo.gov/su_docs/aces/aces140.html
Deadline: 5/27/2003

14-15 Aggregate Exposure Assessment: Longitudinal Surveys of Human Exposure-Related Behavior (EPA)

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications for longitudinal case studies to quantify the behavioral factors that lead to non-occupational human exposures to toxic chemicals in the United States. This request for applications invites research proposals that develop approaches for collecting data on: 1) exposure related activities in terms of time, locations, and level of activity or exertion (activity-specific energy use or equivalent metric), as a function of an individual's life stage; and/or 2) dietary consumption, including the types and quantity of foods and beverages consumed; and/or 3) the frequency and duration of consumer product use including pesticides; household cleaners and solvents; combustion products, such as gas, kerosene, and wood stoves, and fireplaces; and personal care, tobacco and other products that may be sources of toxic chemicals in and around the home. Proposals must address the development of a survey platform and approach for collecting behavioral data; approaches for testing this platform through hypotheses-driven surveys; and the design features of these surveys.

URL: http://es.epa.gov/ncer/rfa/current/2003_expos_assess.html
Deadline: 5/8/2003

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