

Funding Bulletin

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

June 6, 2005

Vol. 14, No. 21

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

21-1 Opportunities for Promoting Understanding through Synthesis (OPUS) (NSF)

Three clusters within the Division of Environmental Biology (the Ecological Biology, Ecosystem Science, and the Population and Evolutionary Processes clusters) encourage the submission of proposals aimed at synthesizing a body of related research projects conducted by a single individual or group of investigators over an extended period. In cases where multiple scientists have worked collaboratively, an OPUS award will provide support for collaboration on a synthesis. NSF 05-572 (Posted 3/18/05)

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05572

Deadline: 7/9/2005, 1/9/2006

AGRICULTURE

21-2 Wetlands Reserve Enhancement Program (USDA)

The Wetlands Reserve Program is a voluntary program offering landowners the opportunity to protect, restore, and enhance wetlands on their property. This program offers landowners an opportunity to establish long-term conservation and wildlife practices and protection. This request for proposals is to obtain partnership proposals: 1) that address wetland creation and enhancement efforts on easements enrolled in prior years; 2) where partners will contribute significantly to WRP technical assistance costs; and 3) that provide assistance with managing easement projects. USDA-GRANTS-051705-001 (FG 5/17/05)

URL: <http://www.nrcs.usda.gov/programs/wrp/>

Deadline: 6/29/2005

EDUCATION

21-3 Early Intervention and Assessment for Young Children With Disabilities (ED)

The Institute of Education Sciences invites applications for research projects that will contribute to its Early Intervention and Assessment for Young Children with Disabilities - Special Education Research program. The purpose of the Early

Intervention research program is to contribute the improvement of cognitive, linguistic, social, and emotional outcomes of young children with disabilities or to prevent the development of learning disabilities by five methods including: a) identifying curriculum and instructional practices; b) developing new, or modifying existing, preschool curricula, including appropriate teacher professional development; c) establishing the efficacy of existing preschool curricula for or teacher professional development for teaching young children with disabilities or young children at high risk for learning disabilities; d) providing evidence on the effectiveness of preschool curricula or teacher professional development implemented at scale; and e) developing and validating early assessment tools that can be used by practitioners to identify and monitor preschool children who are in need of intensive early intervention. CFDA #84.324

URL: <http://www.ed.gov/about/offices/list/ies/programs.html>

Deadline: Letters of Intent 6/6/2005; Applications 7/28/2005

21-4 Education Finance, Leadership, and Management Research Grants Program (ED)

The Institute of Education Sciences invites applications for research projects that will contribute to its research program on Education Finance, Leadership, and Management (Finance/Management). The Institute intends for this research program to address five goals 1) identifying finance, leadership, and management practices that are potentially effective for enhancing the teaching and learning environment and thereby improving student outcomes; 2) developing new finance, leadership, and management practices; 3) evaluating the efficacy of finance, leadership, and management practices; 4) providing evidence on the effectiveness of finance, leadership, and management practices implemented at scale; and 5) developing and testing cost accounting tools and measurement systems that will enable education administrators to link student-level resources to student-level achievement data. CFDA #84.305

URL: <http://www.ed.gov/about/offices/list/ies/programs.html>

Deadline: Letters of Intent 6/6/2005; Applications 7/28/2005

21-5 Serious Behavior Disorders (ED)

The Institute of Education Sciences invites applications for research projects that will contribute to its Serious Behavior Disorders - Special Education Research program. The purpose of this research program is to contribute to the

improvement of the behavioral and social skills and concomitantly, the academic outcomes of students with disabilities from kindergarten through middle school by: a) identifying interventions that address the underlying causes of behavior and social difficulties of students with disabilities and the conditions that mediate and moderate the effects of such interventions; b) developing positive behavioral interventions; c) establishing efficacy of existing positive behavioral interventions; d) evaluating the effectiveness of positive behavioral interventions implemented at scale; and e) developing and validating assessment tools and procedures that can be used in home, instructional, and non-instructional settings to identify or diagnose sources of behavior problems, and to monitor the behavior of students with disabilities in pre-kindergarten through middle school. CFDA #84.324

URL: <http://www.ed.gov/about/offices/list/ies/programs.html>

Deadline: Letters of Intent 6/6/2005; Applications 7/28/2005

21-6 Reading and Writing Education Research Grants Program (ED)

The Institute of Education Sciences invites applications for research projects that will contribute to its research program on Reading and Writing (Read/Write). Through its Read/Write research program, the Institute intends to contribute to improvement of reading and writing skills by: 1) identifying curriculum and instructional practices that are potentially effective for improving reading or writing outcomes as well as mediators and moderators of the effects of these practices; 2) developing interventions for teaching individuals reading or writing for addressing the underlying causes of reading or writing difficulties (e.g., poor oral language skills); 3) establishing the efficacy of existing interventions and approaches for teaching reading or writing or for reducing/preventing reading or writing difficulties with efficacy or replication trials; 4) providing evidence on the effectiveness of reading or writing interventions implemented at scale; and 5) developing and validating assessments that can be used in instructional settings to identify sources of read/write difficulties. CFDA #84.305

URL: <http://www.ed.gov/about/offices/list/ies/programs.html>

Deadline: Letters of Intent 6/6/2005; Applications 7/21/2005

21-7 Teacher Quality Research Grants Program (ED)

The Institute of Education Sciences invites applications for research projects that will contribute to its Teacher Quality research program. The Teacher Quality

program will hold two competitions this year: (a) Teacher Quality - Reading and Writing (Teacher Quality - Read/Write) and (b) Teacher Quality - Mathematics and Science (Teacher Quality - Math/Science). Through this program, the Institute intends to improve the quality of teaching through development and evaluation of teacher preparation and professional development programs. CFDA #84.305
URL: <http://www.ed.gov/about/offices/list/ies/programs.html>

Deadline: Mathematics and Science: Letters of Intent 6/6/2005; Applications 7/21/2005. Reading and Writing: Letters of Intent 9/12/2005; Applications 11/3/2005

21-8 Post-Doctoral Research Fellowships (ED)

The Director of the Institute of Education Sciences announces the FY 2006 competition for grants to support education research. The intent of these grants is to provide national leadership in expanding fundamental knowledge and understanding of education from early childhood education through postsecondary and adult education. ED-GRANTS-042705-003 (FG 5/6/05)

URL: <http://www.ed.gov/about/offices/list/ies/programs.html>

Deadline: Letters of Intent 6/6/2005; Applications 7/21/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

21-9 Building EPSCoR-State/National Laboratory Partnerships (DOE)

The Office of Basic Energy Sciences of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving grant applications for collaborative partnerships between academic or industrial researchers from states eligible for the DOE/EPSCoR program and researchers at DOE's National Laboratories, facilities, and centers. The purpose of this program notice is to initiate and promote partnering and collaborative relationships that build beneficial energy-related research programs with strong participation by students, postdoctoral fellows, and young faculty from EPSCoR states. DE-FG01-05ER05-04 (FG 10/18/04)

URL: <http://www.science.doe.gov/grants/FAPN05-04.html>

Deadline: 7/6/2005

21-10 Advanced Coal Research at U.S. Colleges and Universities (DOE)

There are eighteen (18) separate Areas of Interest, to which an application can be submitted: 1) Partitioning and Mechanism Studies for Mercury and Other Trace Metals within Coal-Fired Processes; 2) Water Usage in Future Power Generation Systems; 3) Gas Separations; 4) Computer-Aided Design of High-Temperature Materials; 5) Surface Modification of Alloys for Ultrasupercritical Coal-Fired Boilers; 6) Hydrogen Storage Materials; 7)

Advancements in Assessment of Geological Reservoirs for CO₂ Sequestration; 8) Syngas and Hydrogen Combustion Reduced Order Reactions and Rate Constants; 9) Characterization of Atomic and Electronic Structure of Electrochemically Active SOFC Cathode Surfaces; 10) Gasification Transport Properties; 11) Coarse Grid Modeling; 12) Measurement and Analysis to Quantify the Contribution of Coal-Fired Utility Boiler Emissions to Ambient PM_{2.5}; 14) Computational Chemistry in Support of Hydrogen from Coal; 15) SOFC Sealing Materials and Systems; 16) Separation and Handling of Nano-Sized Particles; 17) Development of Robust Sensor Networks for Intelligent Control of Advanced Coal Combustion Systems; 18) Innovative Concepts Phase II Program. DE-PS26-05NT42472-00 (FG 5/25/05)

URL: <http://e-center.doe.gov/iips/faopor.nsf/>

Deadline: 6/7/2005

21-11 Innovative Geospatial Intelligence Concepts (DOD)

This Broad Agency Announcement (BAA) solicits offers for the award of procurement contracts for innovative, high-risk, non-traditional Geospatial Intelligence concepts, technologies and products with a potential for high-payoff. The Innovation BAA is requesting innovative research that will focus on enabling the processing, analysis and dissemination of enormous amounts of newly collected data each day from multiple sources. Enormous amounts of data may come from numerous sources and in several formats: text, image, video, digital maps, audio, etc. To help analysis make efficient use of their time, NGA needs automated processes that can identify and organize contextually relevant types of data. HM1582-05-BAA-0004 (FBO 5/26/05)

URL: <http://www.eps.gov/spg/ODA/NIMA>

Deadline: 6/17/2005

21-12 Pollution Prevention Information Network Grants (EPA)

The Pollution Prevention Information Network grants target regional applicants that are willing to work as part of a collective nationwide P2 information Service. Grantees coordinate development, distribution, and promotion of pollution prevention information and practices to technical assistance programs and business. Current grantees provide a one-stop shop for P2 information through web sites, phone calls, or meetings that address the reduction or elimination of pollution by businesses across all environmental media: air, water and land. 05-20-05-PPD (FG 5/20/05)

URL: <http://www.epa.gov/p2/grants/ppin/ppin05.htm>

Deadline: 7/6/2005

HEALTH & LIFE SCIENCES

21-13 Living Stock Collections (LSC)

(NSF)

The Living Stock Collections (LSC) program supports operation of and improvements in outstanding collections of living organisms used in basic biological research. The program provides support for two types of projects. Short-term projects are one-time awards (up to 36 months) leading to innovative handling of living stocks or to well-defined improvements in existing collections, including those not otherwise supported by LSC. Long-term awards (up to 60 months) support ongoing operation of significant collections. Collections receiving long-term support are expected to receive support from other sources, including use fees. NSF 05-521 (Posted 11/18/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05521>

Deadline: 7/6/2005

INTERNATIONAL/MULTICULTURAL

21-14 Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF)

The Directorate for Biological Sciences at NSF offers two funding opportunities under this solicitation 1) Research Initiation Grants (RIG) and 2) Career Advancement Awards (CAA), with the goal of broadening the participation of scientists from groups underrepresented in the biological sciences in the U.S. These activities seek to promote the development and retention of scientists from underrepresented groups and to increase the numbers of such individuals that serve as role models for the scientific workforce of the future. NSF 05-581 (Posted 3/31/05)

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05581

Deadline: 7/5/2005

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, Carole Lovin, Rich Doan, Carmen Garcia, Dorothy Doan, Rex Goff, Dawn Caldwell, Leah Matteson

Information Specialist & Editor
Beverly Page

Human Subjects, Animal Care & Use, and Biosafety

Gerald P. Jaax, Research Compliance Officer
Alissa Ross, Administrative Specialist

Congressional Relations
Sue Peterson, R. W. Trewyn