

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

Notice

1-1 FIPSE Comprehensive Program (ED)

Sue Maes, Educational Communications Center, Paul Lowe, PreAward Services, and Bev Page, Research and Sponsored Programs, are hosting an information session at 1:30 pm January 10, 2003, Union Room 206, for the U.S. Department of Education's Fund for the Improvement of Postsecondary Education (FIPSE) Comprehensive Program. Featured, via audio conference, will be guest speaker Karen Levitan, a FIPSE program officer, who will describe the goals of the program and answer questions from Workshop participants. Please call Research and Sponsored Programs, 532-6195, to reserve a space for the workshop.

The FIPSE Comprehensive Program emphasizes the importance of innovation and significance, collaboration, evaluation, and dissemination plans in successful grants. This year FIPSE is focusing on the need for education reform proposals that address the needs of a changing world: the dramatic rise of information technology, increasing diversity of postsecondary learners, the widespread impact of globalization, the renewed demand for accountability, and the rise of competition among postsecondary providers. The focus should be on learning: not only what students learn but also how they learn.

URL: <http://www.ed.gov/offices/OPE/FIPSE/Comp/index.html>

Deadline: Preproposals 2/13/2003;
Invited proposals 5/8/2003

GENERAL

1-2 Pan-American Advanced Studies Institutes Program (PASI) (NSF)

The Pan-American Advanced Study Institutes (PASI) Program, is a jointly supported initiative between the Department of Energy (DOE) and the National Science Foundation (NSF). Pan-American Advanced Studies Institutes are short courses of two to four weeks duration, involving lectures, demonstrations, research seminars and discussion at the advanced graduate and post-doctoral level. PASIs aim to disseminate advanced scientific and engineering knowledge and stimulate training and cooperation among

researchers of the Americas in the mathematical, physical, and biological sciences, and in engineering fields. Whenever feasible, an interdisciplinary approach is recommended. NSF 03-506
URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03506>
Deadline: 1/30/2003

AGRICULTURE

1-3 Bioenergy, Environment, Health (CPBR)

Preproposals are requested for research that 1) involves plant biotechnology and 2) addresses industrial problems and opportunities related to bioenergy and/or the environment and/or health. Funding for CPBR research for 2004 may come from the U.S. Department of Energy (DOE), the U.S. Environment Protection Agency (EPA), one of the health-related agencies and/or others. Preproposals should address one or more of the identified industrial research needs or one or more of the breaking news industrial needs submitted by member companies in November, 2002.

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

Deadline: Preproposals 1/31/2003

BUSINESS

1-4 Employment Research (Upjohn)

The Upjohn Institute invites submission of proposals to conduct policy-relevant research on employment issues. The Institute offers two funding opportunities: Research Grants that lead to book-length manuscripts; and a Mini-Grant program that provides funds for innovative research papers that have special funding needs.

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

Deadline: Mini-grants, Summaries 2/1/2003; Proposals 4/10/2003

EDUCATION

1-5 Cognition and Student Learning (ED)

The Education Department's new Institute of Education Sciences is inviting applications for research projects to improve student learning by bringing advances in cognitive science and neuroscience to bear on significant education problems. IES requests applications that address basic or high-order cognitive processes and link those processes to improving important student outcomes related to such national problems as underachievement in reading, mathematics, science, writing and English language literacy. NCER-03-03

URL: <http://www.ed.gov/offices/IES/funding.html>

Deadline: Letters of Intent 1/29/2003;
Applications 3/21/2003

1-6 Reading Comprehension Research Grants (ED)

The Education Department's new Institute of Education Sciences is inviting applications for research projects that will study factors in reading comprehension that contribute to the achievement gap for students and design approaches to close the gap and measure progress. Research should address one or more of the following expected outcomes: identification of clear and specific sources of difficulty in reading comprehension that are empirically linked to low-levels of academic achievement in reading and other academic subjects; development of valid and reliable assessments of reading comprehension for grades one through 12 and adult learners that provide feedback to inform and adjust instructional practice; and design instructional interventions for comprehension difficulties that can be confirmed against valid and reliable measures of academic achievement. NCER-03-02

URL: <http://www.ed.gov/offices/IES/funding.html>

Deadline: Letters of Intent 1/30/2003;
Applications 3/21/2003

1-7 Preschool Curriculum Evaluation and Research (ED)

The Education Department's new Institute of Education Sciences is inviting applications for rigorous clinical trial-type evaluations of preschool curricula that will inform education strategies for early childhood programs. The competition will support randomized experiments of one or more curricula not currently being studied under the program. Those being studied include: Creative Curriculum; Bright Beginnings; Early Literacy and Learning Model; Ladders to Literacy; Project Approach; Let's Begin with the Letter People; Doors to Discovery; and Pre-K Mathematics with DLM Express Math Resource Package. IES is especially interested in curricula that produce skills that are most highly predictive of academic success in the early years of elementary school and are most amenable to influences in the classroom. NCER-03-01

URL: <http://www.ed.gov/offices/IES/funding.html>

Deadline: Letters of Intent 1/24/2003;
Applications 3/14/2003

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

1-8 Gasification Technologies Fundamental Research (DOE)

This solicitation is intended to support

near-term fundamental gasification technologies research projects that are: 1) Fundamental in nature, and 2) Important for the commercial success of gasification technologies. It is anticipated that the resultant projects will provide fundamental data useful to many organizations across the industry to help move gasification technologies toward the commercial marketplace. A secondary objective is to increase university involvement with the Gasification Technologies Program to ensure the inclusion of fresh, innovative ideas in the program, and to educate future scientists and engineers in gasification technologies. The program solicitation will focus on the following three topic areas: 1) Economic Use of Low Ranked Coals; 2) Improved Materials to Increase Equipment Life or Reliability; and 3) Cleanup of Fuel Gas Contaminants and Flue Gas Pollutants. DE-PS26-03NT41716-0_MASTER_SOLICITATION (FBO 11/26/02)
URL: <http://e-center.doe.gov/iips/busopor.nsf/solicitation+By+Number/>
Deadline: 1/24/2003

1-9 Development of High-Throughput Screening Approaches for Prioritizing Chemicals for the Endocrine Disruptors Screening Program (NCER)

The U.S. Environmental Protection Agency (EPA) is seeking applications for new approaches that can lead to the development of high-throughput screening systems to assist in prioritization of chemicals for further screening and testing of their potential as endocrine disruptors. In view of the estimated tens of thousands of chemicals under consideration for screening for endocrine disrupting activity, it is essential that rapid, sensitive, and reproducible high-throughput screening systems be developed. This request for applications invites research proposals that explore novel approaches to the development of such systems for identifying chemicals with estrogen, androgen, or thyroid hormone activities.
URL: http://es.epa.gov/ncer/rfa/current/2003high_throughput.html
Deadline: 1/29/2003

1-10 Scientific Computing Research Environments for the Mathematical Sciences (SCREMS) (NSF)

The Division of Mathematical Sciences (DMS) of the National Science Foundation plans a limited number of grants for the support of computing environments for research in the mathematical sciences. Proposals may request support for the purchase of computing equipment and limited support for professional systems administrators or programmer personnel for research computing needs. These grants are intended to support research projects of high quality that require access to advanced computing resources. Proposers are encouraged to include projects involving symbolic and algebraic computations, numerical computations and simulations, as well as graphical

representations (visualization) in aid of the research. NSF 03-504
URL: <http://www.nsf.gov/cgi-bin/getpub?nsf03504>
Deadline: 1/31/2003

1-11 Transportation Statistics Research (DOT)

The Transportation Department's Bureau of Transportation Statistics is seeking applications for projects that support the development of the field of transportation statistics and/or involve research or development in transportation statistics. Examples of interest areas are: quantifying the safety culture of transportation companies and identifying minimum data required and assessing its ability to predict accident risk; researching the utility of narrative text in accident and near-miss reports to identify precursors of an accident and developing tools to extract information from accident reports; and measuring the vulnerability of the transportation system and users to crime and terrorism. (FR 11/05/02)
URL: http://www.gpo.gov/su_docs/aces/aces140.html
Deadline: 1/31/2003

HEALTH & LIFE SCIENCES

1-12 Health Communication Research: Improved Strategies (HHS)

This Request for Applications (RFA) emphasizes the ongoing commitment of the National Institute on Deafness and Other Communication Disorders (NIDCD) to support research activities focusing on the development and dissemination of health communication information across the disciplines of communication sciences and disorders. The purpose of this RFA is to encourage the submission of research grant applications that investigate the creation, development, and evaluation of health information in one or more mission areas of the NIDCD: hearing, balance, smell, taste, voice, speech or language. Applications should be from interdisciplinary teams that include both health communication experts and scientists knowledgeable about normal and disordered processes of human communication. DC-03-001
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-03-001.html>
Deadline: Letters of Intent 1/14/2003; Applications 2/14/2003

1-13 Noninvasive Measurement of Iron by Magnetic Resonance Imaging (HHS)

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), and the National Institute of Biomedical Imaging and Bioengineering (NIBIB) invite Research Grant Applications (R01 and R21) for projects that have the potential to improve the utility of magnetic resonance imaging as a method for quantitative determinations of tissue iron, especially in liver, heart and brain. A

quantitative means of measuring body storage iron that would be non-invasive, safe, accurate and readily available, would improve the diagnosis and management of patients with iron overload, including hereditary hemochromatosis, thalassemia major, sickle cell disease, aplastic anemia, myelodysplasia and other disorders. DK-03-007 (NIHG 10/25/02)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-03-007.html>
Deadline: Letters of Intent 1/20/2003; Applications 2/19/2003

1-14 Harmful Algal Blooms (EPA)

The Environmental Protection Agency, the National Oceanic and Atmospheric Administration, the National Science Foundation and other agency partners are seeking applications for research on the ecology of harmful algal blooms, which have impact on public health and local/regional economics. Proposals should address prevention, control and mitigation strategies; development of predictive models; regional multidisciplinary and multi-institutional studies; and individual and small interdisciplinary efforts.
URL: <http://es.epa.gov/ncer/rfa/current/2003ecohab.html>
Deadline: 1/28/2003

1-15 Systems and Methods for Small Animal Imaging (NIH)

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) invites investigator-initiated applications for NIH Research Project Grant (R01) awards to support interdisciplinary basic research or Exploratory/Developmental Research (R21) awards to support novel investigations related to the development of small animal imaging devices and methods that can be applied broadly to research on diverse biological or disease processes. EB-03-002 (NIHG 11/22/02)
URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-EB-03-002.html>
Deadline: Letters of Intent 1/16/2003; Applications 2/13/2003

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