

Funding Bulletin

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

January 24, 2003

Vol. 12, No. 4

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

4-1 Mouse Models of Human Cancers Consortium (NIH)

The NCI invites new and competing renewal cooperative agreement (U01) and NIH intramural applications from groups of investigators to continue the Mouse Models of Human Cancers Consortium (MMHCC). The scientific scope of this integrative human/mouse cancer research program may be expanded through incorporation of individuals or groups with additional new perspectives and expertise, such as chemistry, computational and mathematical modeling, and systems biology, to create trans-disciplinary approaches to the design, analysis, and applications of mouse cancer models. CA-04-002 (NIHG 10/11/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-04-002.html>

Deadline: Letters of Intent 2/19/2003;
Applications 3/19/2003

AGRICULTURE

4-2 Pest Management Alternatives Research: Special Program Addressing Food Quality Protection Act Issues (USDA)

The Cooperative State Research, Education, and Extension Service (CSREES) requests applications for the Special Research Grants Program- Pest Management Alternatives Research: Addressing Food Quality Protection Act Issues (PMAP) for fiscal year (FY) 2003 to address needs in integrated pest management (IPM) for food, fiber, forest, livestock, and ornamental commodities. The program's objectives are to: a) Adapt technological approaches to IPM for both pre- and post-harvest use; b) Adapt and demonstrate IPM tactics based on alternative technologies, including products of genetic engineering, biological organisms, biological pesticides, new chemical pesticides, and cultural practices; and c) Describe and field demonstrate how tactics can be economically and practically integrated into production systems for individual crops. In FY 2003, PMAP will accept applications that focus on one of the following two program areas: 1) technology, which must include an extension/outreach component; and 2) outreach.

URL: <http://www.reeusda.gov/1700/>

[funding/rfaintegrated_03.htm](http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-03-003.html)

Deadline: 2/28/2003

EDUCATION

4-3 Mathematics Cognition and Specific Learning Disabilities (NIH)

The National Institute of Child Health and Human Development, in partnership with the Office of Special Education and Rehabilitation Services, U.S. Department of Education, invites innovative research grant applications designed to contribute new knowledge in the area of mathematical cognition and learning, with a focus on: 1) normal development of mathematical proficiency (e.g., in basic calculation skills, mathematical conceptual understanding, comprehension, reasoning, procedural fluency, and strategic competence); 2) individual differences that moderate the development of mathematical proficiency (e.g., gender, ethnic or cultural factors, socio-economic status, personality, cognitive style); 3) specific learning disabilities in mathematics, including definitional elements, classification, epidemiology, preventive strategies, early intervention, etiology, diagnosis, and treatment; and 4) combinations and relationships among these. HD-02-031 (NIHG 12/13/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-02-031.html>

Deadline: Letters of Intent 2/18/2003;
Applications 3/28/2003

4-4 Research in Adolescent Literacy (NIH)

The National Institute of Child Health and Human Development, in partnership with the US Department of Education, invites research grant applications to develop new knowledge in the area of adolescent literacy. The specific focus of this RFA is on the discovery of cognitive, perceptual, behavioral, genetic, hormonal, and neurobiological mechanisms that are influential in the continuing development of reading and writing abilities during the adolescent years, and on methods for the identification, prevention, and remediation of reading and writing disabilities in adolescents. HD-03-012 (NIHG 12/20/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-03-012.html>

Deadline: Letters of Intent 2/26/2003;
Applications 3/26/2003

4-5 Effectiveness of Early Childhood Programs, Curricula, and Interventions in Promoting School Readiness (NIH)

The National Institute of Child Health and Human Development, the Administration for Children and Families, and the Assistant Secretary for Planning and

Evaluation, and the Office of Special Education and Rehabilitation Services of the U.S. Department of Education, invite research grant applications to develop rigorous scientific studies of the effectiveness of integrative early childhood interventions and programs across a variety of early childhood settings in promoting school readiness for children, from birth through age five, who are at risk of later school difficulties. HD-03-003 (NIHG 1/03/03)

URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-HD-03-003.html>

Deadline: Letters of Intent 2/26/2003;
Applications 3/26/2003

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

4-6 Industrial Materials for the Future (DOE)

The U.S. Department of Energy (DOE), Idaho Operations Office (ID) is seeking applications for cost-shared research and development of materials or materials processing methods, in accordance with the Program Plan for the Industrial Materials for the Future (IMF). This will be a national effort to research, design, develop, engineer, and test new and improved materials to achieve improvements in energy efficiency, emissions and waste reduction, productivity, product quality, and global competitiveness. DE-PS07-03ID14425

URL: <http://www.e-center.doe.gov>

Deadline: 2/27/2003

4-7 Nondestructive Testing Technology for Quality Control and Acceptance of Flexible Pavement Construction (NCHRP)

The objectives of this research are to 1) conduct a field evaluation of selected NDT technologies to determine their effectiveness and practicality for quality control and acceptance of flexible pavement construction and 2) based on the field evaluation results, recommend appropriate test protocols. Project 10-65

URL: <http://www4.trb.org/trb/crp/nsf/rfps>

Deadline: 2/28/2003

HEALTH & LIFE SCIENCE

4-8 High Risk Rheumatic and Musculoskeletal and Skin Disease Research (NIH)

The purpose of this initiative is to broaden the base of inquiry in fundamental biomedical, bio-behavioral, and biomedical technology research by encouraging applications for research projects that involve an especially high degree of innovation and novelty and, therefore, require

a preliminary test of feasibility. The goal is to solicit research applications with the potential for developing ground-breaking technology or methodology that may lead to significant expansion of biomedical research horizons, precipitate a paradigm shift in research, or lead to substantial improvements in human health. AR-03-009 (NIHG 01/10/03)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AR-03-009.html>

Deadline: Letters of Intent 2/18/2003; Applications 3/18/2003

4-9 Proteomics in Diabetes and Other Endocrine and Metabolic Diseases (NIH)

This program announcement is part of a larger NIDDK and NCI proteome initiative and seeks to promote the use of proteomic technologies for studying diabetes and its complications, and other endocrine and metabolic diseases. The development and improvement of innovative proteomic technologies is also encouraged through their applications to relevant biological questions related to diabetes, endocrinology and metabolic diseases. PA-03-052 (NIHG 01/10/03)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-03-052.html>

Deadline: 2/1/2003, 6/1/2003, 10/1/2003

4-10 NCI Institutional Pre-doctoral Research Training Partnership Award (NIH)

As part of a broader pilot activity of the National Institutes of Health (NIH), the Cancer Training Branch (CTB) of the National Cancer Institute (NCI) invites applications to support the development of new pre-doctoral training programs that are partnerships between extramural institutions and unique areas of research within the components of the NCI Intramural Program. CA-03-017 (NIHG 10/11/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-03-017.html>

Deadline: Letters of Intent 2/27/2003; Applications 3/27/2003

4-11 Coordination of Vascularization and Lung Development (NIH)

The National Heart, Lung, and Blood Institute (NHLBI) invites applications to address the interactive relationship between vasculogenesis, including angiogenic/angiostatic modulation, and the developing lung. The purpose of this RFA is to stimulate research that will increase our knowledge of these interactive processes by supporting fundamental studies focusing on the cellular and molecular mechanisms that coordinate the formation of the lung and its vasculature during the process of normal lung development or that contribute to arrested or aberrant lung development. HL-03-006 (NIHG 09/27/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-03-006.html>

Deadline: Letters of Intent 2/19/2003; Applications 3/19/2003

4-12 Gene Expression Studies in Arthritis and Musculoskeletal and Skin Diseases (NIH)

This solicitation is intended to facilitate the use of comprehensive gene expression analysis technology in basic and clinical research relevant to arthritis and musculoskeletal and skin diseases. The NIAMS invites two types of applications. First, Principal Investigators who are currently supported by research project grants from the NIAMS are invited to submit competing supplement applications, proposing the expansion of the scope of the projects to include use of comprehensive gene expression analysis technology. Second, scientists with established expertise in arthritis or musculoskeletal or skin diseases are invited to propose new projects in which comprehensive gene expression analysis technology is a major and essential component, and in which new insights are likely to be obtained that would not arise from the use of conventional analytical techniques. AR-03-007 (NIHG 12/06/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AR-03-007.html>

Deadline: Letters of Intent 2/17/2003; Applications 3/17/2003

SOCIAL SCIENCES

4-13 Social and Behavioral Research on New Biomedical Methods for HIV/STD Prevention (NIH)

This Request for Applications reissues and expands the research scope of an RFA first issued on February 1, 2000 on the acceptability of new methods, especially topical microbicides, designed for the prevention of HIV and/or other STDs. The ultimate goal of the research is to improve the development, evaluation, dissemination, and use of such products, including improved approaches to assessing those factors. HD-02-020 (NIHG 08/16/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-02-020.html>

Deadline: Letters of Intent 2/23/2002; Applications 3/21/2003

4-14 United States Institute of Peace Grant Program (USIP)

The United States Institute of Peace is accepting applications for its Spring Unsolicited and Solicited Grant competitions. The Unsolicited Grant competition is open to any project that falls within the Institute's general mandate of international conflict resolution. The Solicited Grant competition is only open to projects that fall within the themes and topics identified in advance by the Institute. The topics for the Spring 2003 competition are: Solicitation A: Democracy and Governance in Muslim Countries and Solicitation B: Education, Conflict, and Peacemaking in Ethnically Divided Societies and Regions.

URL: <http://www.usip.org/grants.html>

Deadline: 3/1/2003

4-15 Pathways Linking Education to Health (NIH)

The goal of this RFA is to increase the level and diversity of research directed at elucidating the causal pathways and mechanisms that may underlie the association between education and health. In order to better understand these pathways, validation of specific measures of abilities crucial to educational attainment, such as level of cognitive or language skills, may be needed. Further exploration is needed of intervening neuro- or psychobiological mechanisms, such as impact on frontal lobe structure or function or psychological characteristics, and how these relate to a significant health outcome or important health related behavior or expected outcome. In addition, it will be necessary to explore what components or dimensions of education are important to health. OB-03-001 (NIHG 01/10/03)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OB-03-001.html>

Deadline: Letters of Intent 2/28/2003; Applications 3/26/2003

4-16 Responsible Conduct of Research (RCR) Resource Development Program (NIH)

The Office of Research Integrity (ORI) invites proposals to the RCR Resource Development Program which supports the creation of RCR instructional materials that may be used by various institutions and organizations requesting or receiving research funds from the Public Health Service (PHS). This program does not fund research, administrative systems, or train-the-trainers programs. Proposals must have significant relevance to PHS funded research, propose products that will be made available to the research community for free or at minimal cost, and address one or more of the nine RCR core instruction areas or suggest a new core area. NOT-OD-03-002

URL: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-03-002.html>

Deadline: 2/28/2003

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

Ted Knous, Associate Vice Provost, Tech Transfer and Research

Caron Boyce, Secretary

Jim Guikema, Associate Vice Provost, Graduate Research

Preaward Section

Paul Lowe, Director
Anita Fahmy, Assistant Director
Kathy Tilley, Lisa Duer, Carole Lovin, Rich Doan, Rex Goff, Dawn Caldwell, Cheryl Brooks

Information Specialist & Editor
Beverly Page

Human Subjects, Animal Care & Use, and Biosafety
Gerald P. Jaax, Research Compliance Officer
Beverly Nichols, Secretary

Congressional Relations
Sue Peterson, R. W. Trewyn