

Funding Bulletin

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

July 26, 2002

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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

To allow the staff a summer break, the Funding Bulletin will not be published during the first part of August. The next issue of the Funding Bulletin will be August 26. If you anticipate the announcement of a particular program prior to August 26, please contact Beverly Page, Research and Sponsored Programs, 532-5045, bbpage@ksu.edu, who will be happy to alert you when the announcement is made.

GENERAL

28-1 International Research Fellowship Program (IRFP) (NSF)

The objective of the International Research Fellowship Program (IRFP) is to introduce scientists and engineers in the early stages of their careers to research opportunities abroad. These awards are available for research in any field of science and engineering research and education supported by NSF. Foreign science or engineering centers and other centers of excellence in all geographical regions are eligible host institutions. Applicants must: 1) be U.S. citizens or permanent residents as of October 8, 2002; 2) have been awarded a doctoral degree within three years of the application date or expect to receive the doctoral degree by the award date; 3) desire to conduct scientific research at appropriate academic, government or non-profit research institutions, located outside of the United States; and 4) applicants who are permanent residents of the U.S. may not request a host site in their native country. NSF 02-149

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02149>
Deadline: 10/14/2002

28-2 Nanoscale Science and Engineering (NSF)

The National Science Foundation (NSF) announces a program on collaborative research and education in the area of nanoscale science and engineering. The goal of this program is to support fundamental research and catalyze synergistic science and engineering research and education in emerging areas of nanoscale structures, novel phenomena, and quantum control; device and system architecture; design tools and nanosystems specific

software; nanoscale processes in the environment; multi-scale, multi-phenomena modeling and simulation at the nanoscale; manufacturing processes at the nanoscale; and studies on the societal implications of nanoscale science and engineering. This solicitation will provide support for: Nanoscale Interdisciplinary Research Teams (NIRT), Nanoscale Exploratory Research (NER), Nanoscale Science and Engineering Centers (NSEC) in the area of Manufacturing processes at the nanoscale, and Nanotechnology Undergraduate Education (NUE). NSF 02-148

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02148>
Deadline: 10/24/2002

28-3 Scientific Collaboration with Poland and Slovakia (NRC)

The Office for Central Europe and Eurasia of the National Research Council (NRC), operating arm of the National Academy of Sciences, National Academy of Engineering, and Institute of Medicine, is accepting proposals for two-year collaborative research projects that link individual U.S. scientists with their counterparts in Poland or Slovakia. The goal of the Twinning Program is to foster the development of new international research partnerships whose participants will subsequently apply to the National Science Foundation (NSF) for longer-term support. Eligibility will be limited to partnerships involving U.S. researchers who have received the PhD within the past 10 years. As funding for the Twinning Program is provided by NSF, only proposals in fields of basic science and engineering normally supported by NSF will be considered.

URL: http://www.nationalacademies.org/dsc/DSC_activites.html
Deadline: 10/15/02

AGRICULTURE

28-4 Regional Integrated Pest Management (USDA)

The Cooperative State Research, Education, and Extension Service (CSREES) announces the availability of grant funds and requests applications for the Regional Integrated Pest Management Competitive Grants Program for fiscal year (FY) 2003 to support the continuum of research and extension efforts needed to increase the implementation of IPM methods. The Regional IPM Competitive Grants Program supports projects that develop individual pest control tactics, integrate individual tactics into an integrated pest management (IPM) system, and develop and implement extension education programs. In order to receive funding, proposals must involve one of

the following topics or a combination of them. All of the following areas of emphasis have equal priority: 1) Economics/Risk Assessment for IPM; 2) Alternative Pest Management Systems; 3) Alternative Production Systems; 4) Decision Tools; 5) Pest Detection, Identification, and/or Monitoring; and 6) IPM Adoption.

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

Deadline: Letters of Intent 9/13/2002;
Applications 10/18/2002

28-5 Research Partnership for Risk Management Development (USDA)

The Agriculture Department is inviting applications for risk management research and development activities to address the needs of farmers and ranchers. Partnerships will conduct research on providing early warning of weather conditions; develop better pest management and fertilization approaches; and improve techniques for planning, breeding, planting, growing, harvesting, storing, and shipping goods to market. FR 07/01/02

URL: <http://www.rma.usda.gov>
Deadline: 8/15/2002

ARTS & HUMANITIES

28-6 Exemplary Humanities Education Projects (NEH)

The National Endowment for the Humanities provides grants to schools, universities, libraries, museums and other cultural institutions to improve formal humanities by developing humanities curricula and materials and dissemination of humanities scholarship and teaching practices. The program supports larger education projects of national importance. Projects exploit excellent scholarship; engage outstanding scholars and teachers as advisers, consultants and evaluators; and devote careful attention to pertinent issues of teaching and learning in the humanities.

URL: <http://www.neh.gov/grants/grants.html>
Deadline: 10/15/2002

28-7 Schools for a New Millennium (NEH)

The National Endowment for the Humanities is inviting applications to help K-12 schools improve the teaching of a humanities subject throughout their entire school using digital technologies. The initiative seeks to engage educators—most often in a single elementary, middle, or high school—in the sustained study of humanities subjects, such as history/social studies, English/language arts and foreign languages; help teachers master technology in teaching the humanities; implement a school-wide plan of professional development that combines new content

and teaching approaches; encourage school collaboration with colleges, libraries, museums, parents, and local businesses; and spread these practices throughout the school district or similar network.

URL: <http://www.nih.gov/grants/guidelines/milschools.html>
Deadline: 10/1/2002

EDUCATION

28-8 Special Education and Disabilities Research Centers (ED)

The Education Department is inviting applications for a dozen big-ticket research centers focusing on a range of topics to improve services for children with disabilities, enhance personnel preparation to improve services and outcomes for these children and to advance related technical assistance and dissemination efforts. ED will fund one of each of the following: Research and Training Center on Scientifically Based Practices and Successful Early Childhood Transitions; Center on Early Identification, Child Find and Referral of Young Children with Disabilities; Center on Students Requiring Intensive Social, Emotional and Behavioral Interventions; Center for Education and Providing Early Intervention Services to Children with Autism and Autistic Spectrum Disorders; Center to Guide Personnel Preparation Policy and Practice in Early Intervention and Preschool Education; Statewide Models for Ensuring that Special Education Students in Inclusive Schools are Served by Highly Qualified Teachers; Research and Training Center to Prepare Personnel to Promote Parent and Professional Collaboration; Center for Children with Other Health Impairments, Traumatic Brain Injury, Orthopedic Impairments and Developmental Delays Who Have Neurologically Based Disabilities; Technical Assistance Center on Disproportionate Representation of Culturally and Linguistically Diverse Students in Special Education; Center to Improve Access to the General Education Curriculum for Students with Disabilities at the Elementary and Middle School Level; Center to Promote Involvement by Minority Institutions in IDEA Discretionary Programs; and the National Center on Monitoring and Evidence-Based Decision-Making. CFDA 84.326E, K, L, Y, 84.324G, Q, V, 84.325G, J, M, R, T (FR 7/16/02)

URL: <http://www.ed.gov/legislation/FedRegister/>
Deadline: 8/19/2002

28-9 Individuals with Disabilities: Personnel Preparation, Media Services (ED)

The Education Department is inviting applications under two programs to improve education services for children and other individuals with disabilities: special education personnel preparation, specifically interdisciplinary doctoral training programs in large-scale special education research; and technology and

media services, specifically captioning projects that provide access to news, language and children's television programs. FR 07/08/02; CFDA #84.325L, #84.327L

URL: <http://www.ed.gov/legislation/FedRegister/>
Deadline: 8/8/2002

28-10 Women's Educational Equity Program (WEEA) (ED)

The Secretary invites applications for new grant awards for FY 2002 for the Women's Educational Equity Program. The purpose of the program is to provide financial assistance: to promote gender equity in education; to enable educational agencies to meet the requirements of title IX of the Education Amendments of 1972; and to promote equity in education for women and girls who suffer from multiple forms of discrimination based on sex and race, ethnic origin, limited English proficiency, disability or age. CFDA No. 84.083A (FR 07/05/02)

URL: <http://www.ed.gov/legislation/FedRegister/>
Deadline: 8/19/2002

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

28-11 Research and Development in the Field of Transportation Statistics (DOT)

The Bureau of Transportation Statistics (BTS) supports its goal of advancing the field of transportation statistics through the Transportation Statistics Research Grants program. This notice solicits applications for projects that support the development of the field of transportation statistics; and/or involve research or development in transportation statistics. BTS works to improve six key attributes of transportation data and analysis—quality, comparability, completeness, timeliness, relevance, and utility. (FR 6/27/02)

URL: <http://fr.cos.com/>
Deadline: 8/7/2002

28-12 Geospace Environment Modeling (GEM) (NSF)

The Geospace Environment Modeling (GEM) is a broad-based, community-initiated research program on the physics of the Earth's magnetosphere and the coupling of the magnetosphere to the atmosphere and to the solar wind. The purpose of the GEM program is to support basic research into the dynamical and structural properties of geospace, leading to the construction of a global Geospace General Circulation Model with predictive capability. The awards include scientific grants for established investigators (the October deadline) and one or two awards each year for post-doctoral research positions (the May deadline) NSF 02-122

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02122>
Deadline: 10/15/2002, 5/1/2003

HEALTH & LIFE SCIENCES

28-13 Cancer Research Grants (CRFA)

The Cancer Research Foundation of America (CRFA) is pleased to announce the availability of grant and fellowship funding for innovative cancer prevention research. Both grants and fellowships are available for two years. CRFA funding supports: Basic, clinical translational and applied science projects; Behavioral research, screening and early detection; Pilot projects, as well as development and testing of new methodologies; Grants to cancer prevention researchers at the instructor or assistant professor level; Grants to more senior researchers at the instructor or assistant professor level; Grants to more senior researchers who have shifted their area of interest toward primary and secondary cancer prevention; Post-doctoral fellowships in cancer prevention; and creative or innovative approaches to cancer prevention research.

URL: <http://www.preventcancer.org>
Deadline: 9/15/2002, 3/1/2003

28-14 Evolutionary Mechanisms in Infectious Disease (NIH)

The goal of this announcement is to encourage development of a predictive science of infectious disease by applying the perspectives, theories, and methods from relevant scientific disciplines to important issues of disease emergence, prevention, and the consequences of treatment. Research projects involving interdisciplinary collaborations are an explicit goal of this announcement. Approaches might include, but are not limited to, evolutionary biology, microbiology, population dynamics, chemistry, biochemistry, and computational biology. The focus is limited to discovery of fundamental biological principle rather than to detailed knowledge or treatment of specific diseases. PA-02-113 (NIHG 06/07/02)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-02-113.html>

Deadline: 10/1/2002, 2/1/2003, 6/1/2003

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

Ted Knous, Associate Vice Provost, Tech Transfer and Research

Yvonne Bachura, Secretary

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