

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

GENERAL

46-1 Artificial Intelligence & Cognitive Science (AICS) (NSF)

The The Artificial Intelligence and Cognitive Science (AICS) program supports research and related education activities fundamental to the development of computer systems capable of performing a broad variety of intelligent tasks, and to the development of computational models of intelligent behavior across the spectrum of human intelligence. Examples of performance-oriented topics include intelligent agents, planning, automated reasoning, machine learning, case-based reasoning, knowledge representation methodologies, and architectures for combining intelligent tasks such as perception reasoning, planning, learning, and action. Examples of cognitive-oriented topics include analogical reasoning, concept formation and evolution, argumentation, integration of knowledge from diverse sources and experience, knowledge acquisition by human learners, manipulation and development of taxonomies and classification systems, collaborative behavior, and adaptation and learning. NSF 03-600

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03600>
Deadline: 12/19/2003

46-2 Educational Partnerships Program (STATE)

The Office of Global Educational Programs of the Bureau of Educational and Cultural Affairs announces an open competition for the Educational Partnerships Program. The Program's goals are encouraging mutual understanding, educational reform, economic development, and civil society through educational cooperation in higher education with targeted countries and regions that are of high priority to the Department of State. The Educational Partnerships Program enables U.S. colleges and universities and foreign counterpart institutions to pursue objectives cooperatively through exchange visits of faculty, administrators, highly advanced foreign students, and advanced U.S. graduate students who can demonstrate the ability to work independently. Proposals to increase the understanding of the United States in countries and societies with significant Muslim populations are especially encouraged, as are proposals to increase

the understanding of these countries and societies in the United States. ECA/A/S/U-04-03 (FBO 11/7/03)

URL: <http://exchanges.state.gov/education/rfgps/dec12rfgp.htm>
Deadline: 12/12/2003

46-3 Aircrew Protective Clothing and Devices For Use in Tactical, Rotary, and Support Aircraft (DOD)

This Broad Agency Announcement (BAA) solicits/requests proposals for Developmental Aircrew Protective Clothing and Devices for use in Tactical, Rotary, and Support Aircraft. Areas of interest include new, innovative approaches to providing enhanced aircrew protection/performance in current and future Navy tactical, rotary and support aircraft. Topic areas include but are not limited to: development of micro/nanotechnology as applied to life support and protective devices; protection against hypothermia/hyperthermia; auxiliary or integrated human cooling and heating systems; chemical and biological agent protection primarily for vapor threat, but also liquid vapor and aerosol threat; integrated helmet mounted displays, aircrew breathing systems and advanced concept approaches for current and future aircraft applications; improved/integrated communications systems; improved hearing protection systems; other threat protection technologies. N00421-03-R-0034 (FBO 12/18/02)

URL: <http://www.eps.gov/spg/DON/NAVAIR/N00421/N00421-03-R-0034/listing.html>
Deadline: 12/18/2003

46-4 Quantitative Systems Biotechnology (QSB) (NSF)

This Quantitative Systems Biotechnology solicitation seeks innovative high-risk/high-return proposals, which combine in-depth analysis of large-scale cellular biological systems, or their representations, with creative software tools for the development of computer models as well as complementary quantitative experimental approaches. Multidisciplinary proposals are encouraged. NSF 04-516

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04516>
Deadline: 2/17/2004

AGRICULTURE

46-5 National Research Initiative Competitive Grants Program (USDA)

The Cooperative State Research, Education and Extension Service (CSREES) is soliciting applications for the FY 2004 National Research Initiative (NRI) Competitive Grants Program. The purpose of the NRI Program is to support research,

extension, and education grants that address key problems of national, regional, and multistate importance in sustaining all components of agriculture (farming, ranching, forestry including urban and agroforestry, aquaculture, rural communities, human nutrition, processing, etc.). Program areas for January 9 are: Watershed Processes & Water Resources; Animal Reproduction; Animal Protection; Integrative Biology of Arthropods and Nematodes; Plant Genome, Bioinformatics and Genetic Resources; Genetic Processes and Mechanisms of Crop Plant; and Biobased Products and Bioenergy. Program areas for January 23 are: Plants for Environmental Adaptation; Improving Human Nutrition; Biology of Weedy and Invasive Plants; Markets and Trade; Rural Development and Improving Food Quality.

URL: <http://www.reeusda.gov/nri/>
Deadline: 1/9/04, 1/23/2004, 2/18/2004, 3/16/2004, 6/15/2004

46-6 Environmental Education Grants (EPA)

This grants program provides financial support for projects which design, demonstrate, or disseminate environmental education practices, methods, or techniques. This program is geared toward providing seed money to initiate new projects or to advance existing projects that are new in some way, such as reaching new audiences or new locations. CFDA 66.951 (FR 11/12/03)

URL: <http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/03-28310.htm>
Deadline: 1/6/2004

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

46-7 High-Performance Network Research: Scientific Discovery Through Advanced Computing (SciDAC) and Mathematical, Informational, and Computational Sciences (MICS) (DOE)

The Office of Science, in the U.S. Department of Energy, announces its interest in receiving grant applications for projects in the high-performance network research program. Opportunities exist for research with a primary focus on integrated experimental networks to support high-impact applications in the Scientific Discovery through Advanced Computing (SciDAC) program and for ultra high-speed network technologies under the Mathematical Computational, and Information Sciences (MICS) Division. DE-FG01-04ER04-03 (FBO 11/12/03)

URL: <http://www.science.doe.gov/grants/FR04-03.html>
Deadline: 2/25/2004