

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

5-1 Biologically-Inspired Cognitive Architectures (DARPA)

The DARPA Information Processing Technology Office (DARPA/IPTO) is soliciting proposals under this BAA to perform research and development to support the Biologically-Inspired Cognitive Architectures (BICA) program. The main goal of the program is to develop and evaluate psychologically-based and neurobiologically-based theories, design principles, and architectures of human cognition. In a subsequent phase, the program has the ultimate goal of implementing and evaluating computational models of human cognition that could eventually be used to simulate human behavior and approach human cognitive performance in a wide range of situations. BAA05-18 (FBO 1/13/05)

URL: <http://darpa.mil/ipto/Solicitations/solicitations.htm>

Deadline: First Round Deadline 3/1/2005; 1/7/2006

5-2 Research Opportunities in Space and Earth Sciences (ROSES) (NASA)

This NRA solicits proposals for over 50 program elements supporting research and technology across the entire range of NASAs Space and Earth Science programs relevant to one or more of the three defined NASA science themes: Earth-Sun System, Solar System, and Universe. Proposal due dates are scheduled starting on April 8, 2005, and continue through February 10, 2006. Proposers and proposing organizations must register with a new NASA database system.

NNH05ZSD001N (FBO 1/4/05)

URL: <http://nspires.nasaprs.com>

Deadline: Varies

AGRICULTURE

5-3 Pierce's Disease (UC)

The University of California, Division of Agriculture and Natural Resources, is soliciting research proposals for targeted research to address the threat of Pierce's Disease to the Grape Industry. The disease is caused by *Xylella fastidiosa*, a bacterium that clogs the xylem of diseased plants (such as the grape vine) and inhibits their ability to take up water and nutrients.

The Pierce's Disease threat to the Viticulture and other Agricultural Industries has been exacerbated by the recent introduction and establishment of the highly efficient vector, the Glassy-winged Sharpshooter (GWSS), in California and in other areas of the Southwest United States. The UC Pierce's Disease Research Grant Program (UCPDRGP) is funded by a special grant to the University of California by the USDA Cooperative State Research, Education, and Extension Service (CSREES).

Email: ccollins@ksu.edu

Deadline: Internal 2/25/2005; 3/4/2005

5-4 Native Plant Conservation Initiative (NFWF)

The National Fish and Wildlife Foundation, in partnership with the Plant Conservation Alliance, has announced Request for Proposals for the 2005 Native Plant Conservation Initiative (NPCI). Through the initiative, grants of federal dollars will be provided to non-profit organizations and agencies at all levels of government to promote the conservation of native plants. There is a strong preference for on-the-ground projects that involve local communities and citizen volunteers in the restoration of native plant communities. Projects that include a pollinator conservation component are also encouraged. (RFPB 1/28/05)

URL: <http://www.nfwf.org/programs/npci.htm>

Deadline: 2/15/2005, 8/15/2005

5-5 Poplar Genome Based Research for Carbon Sequestration in Terrestrial Ecosystems (DOE)

The Office of Biological and Environmental Research (OBER) of the Office of Science (SC), U.S. Department of Energy (DOE) announces its interest in receiving applications for the Poplar Genome Based Research for Carbon Sequestration in Terrestrial Ecosystems program. Research is requested that could lead to strategies to improve the use of trees within the genus *Populus* (popular), or other trees, for long-term sequestration of meaningful amounts of atmospheric carbon in terrestrial ecosystems. Specifically, applications are sought for research to use the popular and/or microbial genomic sequences to enhance partitioning of carbon into quantitatively important recalcitrant components of trees or soil organic matter that could lead to enhanced carbon sequestration. DE-FG01-05ER05-10 (FG 12/2/04)

URL: <http://www.science.doe.gov/grants/FAPN05-10.html>

Deadline: 3/8/2005

5-6 Biotechnology Risk Assessment

Research Grants Program (USDA)

The purpose of the USDA Biotechnology Risk Assessment Grants (BRAG) Program is to assist Federal regulatory agencies in making science-based decisions about the effects of introducing genetically modified organisms into the environment. Investigations of effects on both managed and natural environments are relevant. Applications to the USDA BRAG Program must seek partial funding for a conference or address one of the following areas: 1) Identify and develop practices to minimize risks associated with genetically engineered organisms; 2) Research methods to monitor the dispersal of genetically engineered organisms; 3) Research to increase knowledge about the characteristics, rates, and methods of gene transfer that may occur between genetically engineered organisms, and related organisms; 4) Perform assessments to provide analysis which compares impacts of organisms modified through engineering to other types of production systems; 5) Other areas of research designed to further the purposes of the USDA BRAG Program. USDA-GRANTS-112404-001 (FG 11/24/04)

URL: http://www.csrees.usda.gov/funding/rfas/biotech_risk.html

Deadline: 2/24/2005

EDUCATION

5-7 Partnerships for Learning (P4L) Afghanistan Global Connections and Exchange Program (STATE)

The Youth Programs Division, Office of Citizen Exchanges of the Bureau of Educational and Cultural Affairs, announces an open competition for the P4L Afghanistan Global Connections and Exchange program. The Bureau will award one grant. Public and private non-profit organizations and public institutions may submit proposals to select Afghanistan schools and provide them with access to the Internet and related training to develop collaborative school partnerships with U.S. schools. ECA/PE/C/PY-05-27 (FR 1/24/05)

URL: <http://exchanges.state.gov/education/rfgps/menu.htm>

Deadline: 3/17/2005

5-8 Robert Noyce Scholarship Program (NSF)

The Robert Noyce Scholarship program seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The program provides funds to institutions of higher education to support scholarships, stipends, and programs for students who commit to teaching in high need K-12 schools. An institution, on its own or as a

member of a consortium, may submit no more than one proposal per competition. Please contact Jim Guikema, 532-6195, guikema@ksu.edu, by February 1, if you wish to submit. NSF 05-528 (Posted 11/30/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05528>

Deadline: Letters of Intent (optional) 2/28/2005; Proposals 3/31/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCE

5-9 Environmental Management Science (DOE)

The Energy Department seeks applications for innovative, fundamental research to guide remediation and environmental management of contaminated DOE sites resulting from the nation's nuclear weapons program. DOE seeks proposals to investigate the influence of coupled biological, chemical, and hydrologic processes on subsurface contaminants at DOE sites, as well as proposals for new tools to measure subsurface properties important to understanding coupling and scaling phenomena.

URL: <http://www.science.doe.gov/grants>

Deadline: Preapplications 2/10/2005; Applications 4/26/2005

5-10 Natural and Accelerated Bioremediation Research Program (DOE)

The Office of Biological and Environmental Research (OBER), Department of Energy (DOE), announces its interest in receiving applications for research grants in the Biomolecular Science and Engineering element of the Natural and Accelerated Bioremediation Research (NABIR) Program. The goal of the NABIR program is to provide the fundamental science that will serve as the basis for understanding the relationships among biological, physical and chemical factors affecting the subsurface fate and transport of metals and radionuclides at DOE sites in the context of remediation and long-term stewardship. DE-FG01-05ER05-04 (FG 11/26/04)

URL: <http://www.science.doe.gov/grants/FAPN05-05.html>

Deadline: 3/3/2005

HEALTH & LIFE SCIENCES

5-11 Lung Cancer Discovery Award (ALA)

The American Lung Association and LUNGevity Foundation are proud to announce a new award offering: The Lung Discovery Award. This award(s) will provide funding for investigators seeking to develop novel medical treatments for a cure for lung cancer.

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

Deadline: 3/1/2005

5-12 Cancer Nanotechnology

Platform Partnerships (NIH)

The National Cancer Institute (NCI) invites applications for research project grants (RPGs) to support development of nanotechnology platforms for basic, applied, and translational multi-disciplinary research that uses nanotechnology (e.g., nanoscale devices or nanomaterials less than 1000 nm in size, although the assembly, synthesis, and/or fabrication of components at dimensions less than 300nm should be demonstrated) in cancer research. Proposed projects will be eligible for consideration if they address one or more of the following thematic/programmatic areas of focus: molecular imaging and early detection, in vivo imaging, reporters of therapeutic efficacy, multifunctional therapeutics, prevention and control of cancer, and research enablers. RFA-CA-05-026 (NIHG 12/3/04)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-05-026.html>

Deadline: Letters of Intent 2/25/2005; Applications 3/25/2005

5-13 Medical Research Program Supplement (DOD)

The United States Army Medical Research and Materiel Command (USAMRMC) invites applications for funding for the peer Reviewed Medical Research Program (PRMRP). Proposals are being requested in 23 topic areas including: Acellular Human Tissue Matrix, Amyotrophic Lateral Sclerosis, Alcoholism Research, Anti-radiation Drug Development, Autism, Autoimmune Diseases, Blood-related Cancer Research, Childhood Asthma, Diabetes Research, Duchennes Disease Research, Lung Cancer Screening, Military Relevant Disease Management especially Acinetobacter baumannii infections, obesity research, and smoking cessation, Osteoporosis and Bone Related Disease Research, and Social Work Research. The Research Topic Areas may be submitted under one of the following for Award Mechanisms: 1) Investigator-Initiated Research 2) New Program Project, 3) Existing Program Project and 4) Advanced Technology Developments. W81XWH-05-PRMRP (FG 12/7/04)

URL: <http://fedgrants.gov>

Deadline: 3/8/2005

SOCIAL SCIENCES

5-14 Grants to Reduce Violent Crimes Against Women on Campus (DOJ)

All applicants for the Campus Program must: 1) Create a coordinated community response to violence against women on campus. The multidisciplinary response should involve the entire campus as well as the larger community in which the campus is located. At minimum, campuses applying for support must develop partnerships with at least one local non-profit, nongovernmental victim services organization and one or more of the following criminal justice or civil legal agencies: law enforcement, prosecution,

civil legal assistance providers, systems-based victim services unites, or judiciary and court personnel; 2) Establish a mandatory prevention and education program about violence against women for all incoming students, working in collaboration with campus and community-based victim advocacy organizations. The program should include information about dating violence, domestic violence, sexual assault, and stalking. DOJ-GRANTS-012605-001 (FG 1/26/05)

URL: <http://www.ojp.usdoj.gov/fundopps.htm#OVW>

Deadline: 3/24/2005

5-15 Community Anti-Drug Coalitions (SAMHSA)

The Substance Abuse and Mental Health Services Administration and the White House Office of National Control Policy invite applications under the 2005 competition for funds to establish grassroots coalitions to reduce substance abuse among youths and, over time, adults. The focus is on minimizing factors in a community that increase risk of substance abuse and strengthening youth development and resilience. Grants support community needs assessment; capacity building; planning; implementation and evaluation. (FG 12/17/04)

URL: <http://www.samhsa.gov/grants/index.aspx>

Deadline: 3/11/2005

STUDENTS

5-16 Earth Sciences Fellowships (NASA)

The National Aeronautics and Space Administration seeks applications for graduate fellowships to prepare interdisciplinary scientists to study the Earth as a system. Applicants must identify at least one focus area: climate variability and change; atmospheric composition; carbon cycle and ecosystems; water and energy cycle; weather; or earth surface and interior.

URL: http://research.hq.nasa.gov/code_y/code_y.cfm

Deadline: 3/15/2005

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