

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

29-1 Biomedical Engineering Program and Research to Aid Persons with Disabilities Program (BME/RAPD) (NSF)

The BME/RAPD programs encompass (a) the Biomedical Engineering program (BME) and (b) the Research to Aid Persons with Disabilities program (RAPD). The Biophotonics area is part of BME but is broken out separately because of its rapid growth in size and scope. Biomedical Engineering supports research that, often with diagnosis or treatment-related goals, applies engineering principles to problems in biology and medicine while advancing the engineering knowledge base. Integration of engineering expertise with life science principles is an essential requirement for advances in this field. The RAPD program supports the development of technologies for new and improved devices or software for persons with disabilities. Current areas of particular interest in BME/RAPD are biomedical photonics; novel tissue characterization schemes; new cellular and tissue engineering concepts; the innovative integration of multi-disciplinary technologies for new imaging and biosensing systems; and, home care technologies related to chronic illness, persons with disabilities, and the aging. NSF 03-560

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf03560>
Deadline: 9/1/2003

AGRICULTURE

29-2 Native American Outreach Program (USDA)

The Cooperative State Research, Education, and Extension Services (CSREES) requests applications for the Native American Outreach Program for fiscal year 2003 to develop and deliver outreach activities that will inform Native American farmers and ranchers, tribal governments, tribal communities, and Tribal Colleges and Universities (TCU) about the availability of, and encourage their participation in, USDA programs. This assistance shall enhance coordination of the outreach, technical assistance, and education efforts authorized under various agriculture programs and include information on and assistance with commodity, conser-

vation, credit, rural, and business development programs, applications and bidding procedures, farm and risk management, marketing and other activities essential to participation in agricultural and other programs of the Department. (FR 07/17/03)

URL: http://www.reeusda.gov/1700/funding/rfanative_american_03.htm
Deadline: 8/18/2003

EDUCATION

29-3 Developmental Disabilities Demonstration Projects (ACF)

The Administration for Children and Families is accepting applications for Fiscal Year 2003 Projects of National Significance. Projects should support development of national and state policies to enhance the independence, productivity, integration and inclusion of individuals with disabilities through: data collection and analysis; technical assistance to state developmental disabilities councils and university centers; and other projects such as development of information and referral systems; and activities that help youths with developmental disabilities make the transition from school to adult life. ACF-ADD-07-10-2003 (FR 07/15/2003)

URL: <http://www.gpoaccess.gov/fr/index.html>
Deadline: 8/29/2003

29-4 Higher Education Hispanic/Latino Service Partnerships (ACYF)

The Administration for Children and Families (ACF) announces the availability of funds for institutions of higher education with experience and capability in educating and preparing professionals to work effectively with Hispanic/Latino young children and families, in partnership with Head Start and Early Head Start programs. The purpose is to improve the quality and long-term effectiveness of Head Start and Early Head Start programs. ACYF/HS-2003-16 (FR07/21/03)

URL: <http://www.acf.hhs.gov/programs/hsb/grant/fundingopportunities/fundopport.htm>
Deadline: 8/18/2003

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

29-5 Sensor Integration and Testbed Technologies (DOD)

NAVAIR is soliciting proposals for research and development (R&D) concepts in sensor integration and communication technologies. Concepts proposed may represent novel dedicated technologies and/or dual use of new emerging

commercial technology. Proposals are being solicited in three areas: A) New Operational Concepts for integration of sensors with architectures for supporting advanced weapon system concepts. Concepts should address possible ways to deploy and operate systems from Naval Aircraft or from sea-based platforms. B) Technologies that advance the state-of-the-art in performance and suitability of theatre-wide or tactical sensor networks. C) Systems Integration and Demonstration Testing. N00421-03-R-0125 (FBO 07/02/03)

URL: <http://www.eps.gov/spg/DON/NAVAIR/N00421>
Deadline: 7/1/2004

29-6 Innovations in Geospatial Intelligence (DOD)

The National Imagery and Mapping Agency (NIMA) solicits proposals for innovative, cutting edge Geospatial Intelligence concepts and products. Innovation contracts will consist of two broad categories. Category 1 will be for thesis grade scientific or technical paper(s) that will advance general or specific Geospatial Intelligence concepts, ideas, approaches and/or techniques. Category 2 will be for advanced systems, tools, software, or products that demonstrate significant value-added to Geospatial Intelligence products, data, information, knowledge, approaches and or techniques. Areas of technical interests for both categories include spectrum, persistent surveillance, horizontal integration, and knowledge extraction. NMA501-03-BAA-0004 (FBO 07/08/03)

URL: <http://www.nima.mil>
Deadline: 8/15/2003

29-7 Real-World Reasoning (REAL) (DHS)

The DARPA Information Processing Technology Office (IPTO) solicits innovative proposals for a new program on Real-World Reasoning. A principal mission of IPTO, launched at DARPA in 2002, is to create the technologies critical to building practical cognitive information processing systems. Developing innovative machine reasoning technology that can effectively deal with the real world is central to this mission. The objective of the REAL-World REASONING (REAL) program is to explore and develop foundations, technology, and tools to enable effective, practical automated reasoning of the scale and complexity required for computers to perform complex tasks in the real world requiring intelligence. BAA03-34 (FBO 07/07/03)

URL: <http://www.darpa.mil/ipto/solicitations/solicitations.htm>
Deadline: 7/7/2004

29-8 Research and Development Services in the Area of Training Land Stabilization of Military Installations (DOD)

The Engineer Research and Development Center (ERDC) requires Research and Development Services in the Area of Training Land Stabilization on Military Installations. Research services will include the broad categories of 1) Scoping and Evaluation Activities; 2) Data Acquisition and Analysis; 3) Data Management; 4) Development of Technology Tool, Product Delivery Mechanisms, and Technology Analytical Assessments; and 5) Technology Transfer and Technology Support. The principal products of the research will be data collection, scientific studies, analyses and models that represent ecological, geophysical, risk and mission processes and their interactions. DACA42-03-R-0039 (FBO 07/21/03)
URL: <http://www.mvk.usace.army.mil/contract/>
Deadline: 9/8/2003

29-9 Power and Thermal Technologies for Air and Space (AFRL)

Air Force Research Laboratory, solicits research proposals on Power and Thermal Technologies for Air and Space. The Power Division (AFRL/PRP) of the Air Force Research Laboratory Propulsion Directorate is soliciting proposals under this Broad Agency Announcement (BAA) to develop, demonstrate and improve upon key power and thermal technologies supporting air and space applications in the areas of Power Generation, Power Management & Distribution, Energy Storage, and Subsystem Integration. BAA-03-05-PRK (FBO 07/18/03)
URL: <http://www.eps.gov/>
Deadline: 9/2/2003

HEALTH & LIFE SCIENCE

29-10 Pathogenesis of Polyomavirus Associated Nephropathy (NIH)

The Division of Allergy, Immunology and Transplantation (DAIT) of the National Institute of Allergy and Infectious Diseases (NIAID) invites applications for basic, pre-clinical, clinical, and epidemiological research projects on polyomavirus associated nephropathy (PVAN), which is a serious, emerging complication in renal transplant recipients. Research in this area will enhance: understanding of latent polyomavirus reactivation and virulence in immunosuppressed individuals; knowledge of immune responses to polyomavirus infection associated with nephropathy; risk assessment; and preventive, diagnostic and treatment strategies for PVAN. AI-03-019 (NIHG 05/16/03)
URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-AI-03-019.html>
Deadline: Letters of Intent 8/18/2003; Applications 9/18/2003

29-11 Parker B. Francis Fellowship

Program (FFF)

The Parker B. Francis Fellowship in Pulmonary research is intended to support the development of outstanding investigators who plan careers in pulmonary research to help them make the transition to independent, self-supporting faculty members. Parker B. Francis Fellowship grants are awarded to institutions for the purpose of providing stipends, fringe benefits and modest travel expenses to support qualified post-doctoral fellows or newly appointed assistant professors. Award recipients will be enabled to devote the major part of their professional effort to research related to pulmonary disease and lung biology. Each department may submit only one application annually and is limited to a maximum of two active fellowships at any one time. Please contact Ted Knous, Associate Vice Provost for Research, 532-6195, tknous@ksu.edu, by September 1 if you are interested in submitting.
URL: <http://www.hsph.harvard.edu/pbf>
Deadline: Internal 9/1/2003; Francis 10/15/2003

29-12 Integrated Preclinical/Clinical Program for Topical Microbicides (HHS)

The National Institute of Allergy and Infectious Diseases (NIAID) and the National Institute of Child Health and Human Development (NICHD), National Institutes of Health (NIH) invite multi-project, multi-disciplinary applications whose goal is to advance safe, novel topical microbicides and microbicide combination strategies that prevent the sexual transmission of HIV, from preclinical to clinical studies. This Program links research with product development and initial clinical groups spanning discovery and preclinical development through early clinical trials. PAR-03-137 (NIGH 06/13/03)
URL: <http://grants1.nih.gov/grants/guide/pa-files/PAR-03-137.html>
Deadline: Letters of Intent 8/22/2003; Applications 9/23/2003

29-13 NIGMS Centers of Excellence in Complex Biomedical Systems Research (NIH)

The goal of the Centers of Excellence in Complex Biomedical Systems Research (CE/CBSR) program is to promote institutional development of pioneering research and training programs focused on quantitative, systems level analysis of biological phenomena of biomedical importance within the NIGMS mission. NIGMS supports fundamental inquiries focused on cell biology and biophysics, genetics and developmental biology, human physiology in the areas of trauma, burn, inflammation, and multiorgan failure, and pharmacology and anesthesiology. GM-03-009 (NIHG 05/02/03)
URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-GM-03-009.html>
Deadline: Letters of Intent 9/3/2003; Applications 10/14/2003

SOCIAL SCIENCES

29-14 Social and Structural Impact of HIV/AIDS (NIH)

This Program Announcement (PA) calls for research examining the social, demographic, economic, and other structural impacts of HIV in populations around the globe. As of the end of 2001, 40 million adults and children worldwide were living with HIV/AIDS. Fourteen million children under 15 had lost one or more parents to AIDS. In 2001 alone, five million new infections and three million deaths are estimated to have occurred. An epidemic of this size and scope not only affects the immediate victims of disease but also their families, communities, and many aspects of the larger society as well. Research on the nature of these effects and the mechanisms driving them is crucial to addressing them effectively. PA-03-027 (NIHG 11/15/02)
URL: <http://grants.nih.gov/grants/guide/pa-files/PA-03-027.html>
Deadline: 9/1/2003, 1/2/2004, 5/1/2004

STUDENTS

29-15 Mental Health Dissertation Research Grants to Increase Diversity in the Mental Health Research Arena (NIH)

The purpose of this PA is to increase the diversity of the Mental Health Research workforce. The Mental Health Dissertation Research Grant will enable doctoral candidates from racial and ethnic groups underrepresented in biomedical and behavioral science to pursue research careers in any area relevant to the research mission of the National Institute of Mental Health (NIMH). PAR-03-110
URL: <http://grants1.nih.gov/grants/guide/pa-files/PAR-03-110.html>
Deadline: 8/22/2003, 12/22/2003, 4/22/2004

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