

Funding Bulletin

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

July 11, 2002

Vol. 11, No. 26

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

26-1 Sloan Research Fellowships (Sloan)

Sloan Research Fellowships is by far the oldest program of the Sloan Foundation, although those who receive the grants are among the youngest scholars the Foundation assists. The Sloan Research Fellowships were established in 1995 to provide support and recognition to young scientists, often in their first appointments to university faculties, who were endeavoring to set up laboratories and establish their independent research projects with little or no outside support. Candidates for Sloan Research Fellowships are required to hold the Ph.D (or equivalent) in chemistry, physics, mathematics, computer science, economics, or neuroscience, or in a related interdisciplinary field, and must be tenure track faculty in the United States or Canada. They may be no more than six years from completion of the most recent Ph.D or equivalent as of the year of their nomination, unless special circumstances such as military service, a change of field, or child rearing are involved or unless they have held a faculty appointment for less than two years.

URL: http://www.sloan.org/programs/scitech_fellowships.shtml
Deadline: 9/15/2002

26-2 Integrative Graduate Education and Research Traineeship (IGERT) Program (NSF)

Proposals for new IGERT projects as well as proposals based on existing IGERT projects may be submitted. The IGERT program has been developed to meet the challenges of educating U.S. Ph.D. scientists, engineers, and educators with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become in their own careers the leaders and creative agents for change. The program is intended to catalyze a cultural change in graduate education, for students, faculty, and institutions, by establishing innovative new models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries. It is also intended to facilitate greater diversity in student participation and preparation, and to contribute to the development of a

diverse, globally-engaged science and engineering workforce. Preproposals are required and must go through Preaward Services. NSF 02-145

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02145>

Deadline: Preproposals 10/2/2002;
Invited Proposals 4/18/2003

26-3 American Workforce and Research and Education (AWARE) (NSF)

Recipients of an NSF award from the Graduate Teaching Fellows in K-12 Education Program, the Integrative Graduate Education and Research Training (IGERT) Program the Research Experiences for Undergraduates (REU) Program or an NSF-supported Center, are eligible to apply for support under the AWARE component of NSF's East Asia and Pacific Program. The purpose of AWARE is to develop a globally knowledgeable and confident American scientific and engineering workforce. NSF 01-117

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf01117>

Deadline: Open

26-4 ADVANCE (NSF)

The goal of the ADVANCE program is to increase the representation and advancement of women in academic science and engineering careers. Creative strategies to realize this goal are sought from men and women. Members of underrepresented minority groups and individuals with disabilities are especially encouraged to apply. In 2002-2003 this program will offer the following awards: Institutional Transformation Awards; Leadership Awards; and Fellows Awards which enable promising individuals to establish or reestablish full-time independent academic research and education careers in institutions of higher learning. NSF-02-121

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02121>

Deadline: Institutional transformation 9/25/2002; Leadership 1/15/2003;
Fellows 6/16/2003

26-5 Personnel Security Research Program (ONR)

The Security Research Center announces a program to help fund research addressing issues pertinent to personnel security. The areas covered by this funding program include trust and betrayal, automated monitoring and financial/credit, continuing evaluation and aftercare, utility analysis, and vetting systems. Participation is sought from graduate students and from scientists, faculty, consultants, and practitioners at financial, research, business, governmental and educational

institutions. SOL 01-028 (CBD 09/19/01)

URL: <http://www.onr.navy.mil/02/baa/>

Deadline: 9/20/2002

AGRICULTURE

26-6 Ecological Indicators for the Great Rivers of the Central Basin (EPA)

The Environmental Protection Agency is soliciting grant applications to establish one Great Rivers Ecological Indicator Research program. The goal of the program is to support research for the development of biological indicators to report on the status and trends of large river systems. The geographic focus of this solicitation is the Central Basin of the U.S.; the rivers of interest being the Mississippi, Missouri, and Ohio. The need is for biological indicators that capture the physical and ecological variability of the region.

URL: <http://es.epa.gov/ncer/rfa/current/02greatbasin.html>

Deadline: 10/15/2002

26-7 Research Funding (NAAB)

The Coordinated Research Program of the National Association of Animal Breeders (NAAB) is designed to sustain growth and improve efficiency of the AI industry by fostering research and development in Animal Breeding and Reproductive Physiology with special emphasis on Artificial Insemination.

URL: <http://www.naab-css.org/membership/rschfunding.html>

Deadline: 10/1/200, 12/3/2001

EDUCATION

26-8 International Education Research Grants (IERF)

International Education Research Foundation (IERF) grants support research projects on the evaluation of foreign academic credentials; encourage communication about educational systems throughout the world; improve articulation and integration of non-U.S. academic credentials of students, scholars, and potential members of the workforce into the U.S. educational system and/or economy; and provide for the publication and dissemination of the results of the research.

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

Deadline: Open

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

26-9 Scientific and Engineering Research (NSWC)

The Naval Surface Warfare Center, Dahlgren Division (NSWCDD), through the

Dahlgren Laboratory in Dahlgren, VA; the Coastal Systems Station at Panama City, FL; and the Combat Direction Systems Activity at Dam Neck, VA, is soliciting scientific and engineering research white papers to identify capabilities of University and Non-Profit Institutions to conduct basic research, applied research, and advanced research projects in a wide variety of scientific and engineering disciplines. Some representative research areas include: 1) Environmental data collection, monitoring, analysis, or display; 2) Communications and data transmission of any type; 3) Electromagnetic Environmental Effects (E3) phenomena relating to Navy Systems; 4) Research in Human Performance Modeling at the individual, team, and organizational levels to include system engineering tools, decision aids for the complex system environment, control environments and intelligent aiding and development of intelligent agents; 5) Advanced Digital Signal Processing (DSP) techniques for application to Multi-Function Fuse development; 6) Technologies with applications to the Collaborative Engineering Environment; 7) Research Technology in Chemical and Biological Sensors; 8) Organic and Inorganic Chemistry, Surfactant Chemistry, Analytical Chemistry; 9) Chemical and Biological material destruction; 10) Intelligent Materials; 11) Nanotechnology; 12) Fiber-optic; 13) Battery and fuel cell technology; and 14) Technologies and concepts for improving chemical and biological protective masks and/or suits. N00178-02-Q-3002

URL: <http://www.nswc.navy.mil/supply/solicita/02q3002/3002syn.htm>

Deadline: 9/30/2002

HEALTH & LIFE SCIENCE

26-10 Molecular and Cellular Basis of Contractures for Design of Therapeutic Interventions (NIH)

Stroke, spinal cord injury, cerebral palsy, and other neurological and musculoskeletal conditions that led to muscle paralysis or impaired function are often associated with contractures. This is a disabling condition that involves the overgrowth of muscle with connective tissue cells, severely limiting the function of affected limbs and joints. This RFA is aimed at understanding the pathophysiology of contractures in order to improve the diagnosis and treatment of this disabling condition. This RFA will support exploratory studies in the molecular and cellular basis of muscle contractures in order to understand the pathophysiological progression and to suggest therapeutic strategies. HD-02-022 (NIHG 07/05/02)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-02-022.html>

Deadline: Letters of Intent 9/27/2002; Applications 10/28/2002

26-11 Racial and Ethnic Differences in the Etiology of Type 2 Diabetes in the United States (NIH)

The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

seeks research applications to enhance our understanding of the underlying metabolic and physiologic mechanisms that contribute to the racial and ethnic differences in the incidence and pathophysiology of type 2 diabetes in the United States. PA-02-117 (NIHG 06/28/02)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-02-117.html>

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

26-12 Bone Health and Military Medical Readiness (DOD)

The U.S. Army Medical Research and Material Command is soliciting proposals for scientific studies on biomechanical influences on bone, with the goal of preventing stress fractures in initial entry military training and optimizing bone health in young men and women that will protect them against bone diseases later in life. The solicitation provides opportunities for the collection of pilot data to test novel hypotheses for which preliminary data may not be available. Studies sought include but are not limited to: 1) the effect of resistance training on bone structures and function; 2) practical monitoring strategies to identify individuals at risk for stress fracture injury; 3) physiological interactions of bone and muscle turnover and stress fracture risk; 4) effects of high intensity exercise on the bone remodeling process, and 5) intervention designed to optimize bone turnover favoring bone accretion in physically active populations. DAMD17-BAA-BHMMR (FBO 06/25/02)

URL: <http://www.usamraa.army.mil>

Deadline: 9/25/2002

26-13 Neurotoxin Exposure Treatment Research Program (DOD)

The U.S. Army Medical Research and Material Command is soliciting original research proposals, to include but not limited to, studies related to Parkinson's disease and neurodegenerative processes resulting from environmental or neurotoxic insults that: 1) Identify physiologic, pharmacologic, or molecular mechanisms underlying biologic progression of Parkinson's disease, 2) Identify mechanisms of co-morbidities of Parkinson's disease in the central nervous system and other organ systems, 3) Identify standard compensatory mechanisms resulting from alterations in catecholamine metabolism in Parkinson's disease and associated functional outcomes, 4) Identify mechanisms underlying dyskinesia development during traditional therapy, 5) Identify toxin specific alterations to dopaminergic synaptic plasticity, 6) Identify specific glial mechanisms in altering dopaminergic neuronal metabolism or function. DAMD17-BAA-NETRP (FBO 06/13/02)

URL: <http://www-usamraa.army.mil>

Deadline: 10/2/2002

SOCIAL SCIENCES

26-14 Law and Social Science Mid-

Career Training Fellowships (NSF)

To facilitate the development of innovative research programs for understanding the law and legal processes, the Law and Social Science program of the National Science Foundation (NSF) invites scholars to submit proposals for Law and Social Science Mid-Career Training Fellowships. This fellowship will provide an award of up to \$15,000 for support of law and social science scholars who enroll in advanced methodological or theoretical training (e.g., courses, institutes, workshops, and seminars). The purpose of these awards is to broaden the pool of scholars who are engaged in innovative research in the law and social sciences. NSF 02-144

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02144>

Deadline: 10/1/2002

26-15 Radcliffe Postdoctoral Research (Murray)

The Henry A. Murray Research Center at the Radcliffe Institute for Advanced Study at Harvard University is a national repository for social science data on human development and social change. The Center is offering grants for social science researchers who have received their doctorates within the last ten years to use its Diversity Archive.

URL: <http://www.radcliffe.edu/murray>

Deadline: 10/15/2002, 2/1/2003

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