

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

38-1 Multimodal Integration Research Networks in Cognitive Neuroscience (NIH)

The National Institute of Neurological Disorders and Stroke invites grant application for the formation of cross-disciplinary networks of scientists interested in studying the neural mechanisms of cognition and other complex behaviors. These research networks will allow the formation of novel collaboration among cognitive scientists, neuroscientists, behavioral and computational neuroscientists, imaging specialists and clinical scientists in order to develop integrative and cutting edge research programs that advance our understanding of the circuits and pathways of cognitive function. The research plan for these networks must be driven by a cognitive neuroscience question (e.g., neural mechanisms of attention, emotion, language acquisition, memory, perception, sensorimotor integration in various model systems and in various clinical populations) and must combine imaging techniques with other psychophysiological methods. RFA-NS-02-011 (NIHG 10/5/01)

URL: <http://grant.nih.gov/grants/guide/rfa-files/RFA-NS-02-011.html>

Deadline: Letters of Intent 12/17/2001, Applications 1/18/2002

38-2 Bioengineering Research Grants (NIH)

Participating Institutes and Centers of the National Institutes of Health invite applications for RO1 awards to support Bioengineering Research Grants (BRGs) for basic and applied multi-disciplinary research that addresses important biological or medical research problems. The BRGs support multidisciplinary research performed in a single laboratory or by a small number of investigators that applies an integrative, systems approach to develop knowledge and/or methods to prevent, detect, diagnose, or treat disease or to understand health & behavior. PA-02-011 (NIHG 10/12/01)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-02-011.html>

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

38-3 Office of Science Grants and

Cooperative Agreements (DOE)

The Office of Science of the Department of Energy has announced its continuing interest in receiving grant applications for support of work in the following program areas: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Advanced Scientific Computing, Fusion Energy Sciences, Biological and Environmental Research and Energy Research Analyses. Applications may be submitted at any time in response to this Notice. Notice 01-01

URL: www.er.doe.gov/production/grants/fr01_01.html

Deadline: 12/31/2001

38-4 Developmental and Learning Sciences (NSF)

This program supports studies that increase our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development. Additional priorities are to support developmental research that: incorporates multidisciplinary, multimethod, microgenetic, and longitudinal approaches; develops new methods and theories; examines transfer of knowledge from one domain to another; assess peer relations, family interactions, social identities, and motivation; examines the impact of family, school, and community resources; assesses adolescents' preparation for entry into the workforce; and investigates the role of demographic characteristics and cultural influences on children's development. NSF 02-008

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02008>

Deadline: 1/15/2002, Research Center 2/1/2002, 7/15/2002

38-5 Supplements To Promote Reentry Into Biomedical and Behavioral Research Careers (NIH)

The Institutes and Centers of the National Institutes of Health (NIH) along with the Office of Research on Women's Health announces a continuing program for administrative supplements to research grants to support individuals with high potential to reenter an active research career after taking time off to care for children or attend other family responsibilities. This program will provide administrative supplements to existing NIH research grants for the purpose of supporting full-time or part-time research by these individuals in a program geared to bring their existing research skills and knowledge up to date. PA-01-081 (NIHG 04/13/01)

URL: <http://grants.nih.gov/grants/guide/pa-file/PA-01-081.html>

Deadline: Open

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

38-6 Information and Intelligent Systems (NSF)

The Division of Information and Intelligent Systems (IIS) supports research that will improve the ability to generate, organize, locate, communicate and store knowledge using new technologies. IIS fundamental research foci include universal access; human language technology; knowledge modeling; scientific laboratories; robotics; computer vision; data mining; database access technology; human-computer interaction; and embedded intelligent systems. IIS also supports interdisciplinary and interagency activities such as the Digital Library and STIMULATE (Speech, Text, Image, and Multimedia Advanced Technology Effort) Initiatives. IIS has new proposal submission deadlines. NSF 01-156

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf01156>

Deadline: 12/1/2001, 3/1/2002, 11/16/2002

38-7 Nanoscale Science, Engineering and Technology (DOE)

The Energy Department is inviting pre-applications for innovative research on nanoscale science, engineering and technology, with emphasis on materials and chemical sciences, biosciences and biomolecular materials. DOE seeks projects that: advance scientific understanding of nanoscale phenomena; achieve the ability to design and synthesize materials at the nanoscale-level; pursue a fundamental understanding of the structural, dynamic and electronic aspects of nanoassemblies associated with unique material properties, chemical transformations, energy conversion and signal transduction; develop experimental characterization tools and theory/modeling/simulation tools necessary to understand, predict and control nanoscale phenomena; and obtain an integrated structural and dynamic view of nanoassemblies in biological systems through development of enhanced imaging tools and nanoscale probes. Notice 02-02 (FR 10/17/01)

URL: www.access.gpo.gov/nara/index.html

Deadline: 11/16/2001, 12/21/2001

38-8 Engineering Education Program (NSF)

The goal of the Engineering Education Program of the Division of Engineering Education and Centers is to increase the quantity and quality of U.S. citizens who earn BS degrees in engineering. The attractiveness of engineering study has not kept pace with the importance of engineering in driving our nation's prosperity.

Experience to date has shown that students can be attracted to and retained in engineering programs if they are exposed early to the joys of creation through design, discovery through research and invention through hands-on experimentation. NSF welcomes unsolicited proposals from faculty with cutting edge new ideas for undergraduate engineering education improvements.

URL: <http://www.nsf.gov/pubs/progdsec/2001/eng/pdeng0101.html>

Deadline: 1/9/2002, 7/9/2002

38-9 Rail-Freight Solutions to Roadway Congestion (NCHRP)

The National Cooperative Highway Research Program is soliciting proposals for a project to develop a guidebook for assessing the merits of public investment in rail-freight solutions to relieve roadway congestion and for applying tools that demonstrate how best to incorporate rail-freight into urban and intercity transportation decision making. Project 8-42

URL: <http://www4.nas.edu/trb/crp.nsf>

Deadline: 12/18/2001

38-10 Ideas on Combating Terrorism (DOD)

The Department of Defense has announced that the Under Secretary of Defense for Acquisition, Technology and Logistics and the Combating Terrorism Technology Support Office Technical Support Working Group are jointly sponsoring a Broad Agency Announcement asking for help in fighting terrorism. The BAA specifically seeks help in combating terrorism, defeating difficult targets, conducting protracted operations in remote areas, and developing countermeasures to weapons of mass destruction. Concepts should be able to be developed within 12 to 18 months. Applicants should first submit a one-page letter describing the project. BAA 02-Q-4655

URL: http://www.defenselink.mil/news/Oct2001/b10252001_bt540-01.html

Deadline: Preliminary Letters 12/23/2001

HEALTH & LIFE SCIENCES

38-11 Basic Research to Improve Cardiopulmonary and Neurological Outcomes Following Resuscitation from Cardiopulmonary Arrest (NIH)

This RFA supports novel basic research designed to elucidate effects of whole-body ischemia and subsequent blood flow restoration on cardiovascular and neurological function. The ultimate goal is to provide a rational basis for development of effective new therapeutic strategies to restore heart function and preserve neurological function after cardiopulmonary arrest. RFA-HL-02-003 (NIHG 09/07/01)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-02-003.html>

Deadline: Letters of Intent 1/10/2002, Applications 2/12/2002

38-12 Cost Research on Alcohol Treatment and Prevention Services (NIH)

The National Institute on Alcohol Abuse and Alcoholism (NIAAA) seeks applications for research projects that will advance knowledge about the cost of treating and preventing alcohol problems. Applications are sought for cost analysis studies, cost effectiveness studies, cost benefit studies, and cost offset studies. The announcement also invites studies that improve the methods used to measure the costs of treatment and prevention interventions. PA-01-137 (NIHG 09/07/01)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-01-137.html>

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

38-13 Role of Infectious Agents in Vascular Disease (NIH)

The National Heart, Lung, and Blood Institute invites research grant applications to conduct studies on the role of infectious agents in the development of vascular disease. The objective of this program is to encourage in vitro and in vivo research on the specific cellular and molecular mechanisms by which infectious agents contribute to atherogenesis. The secondary objective is to encourage the development of the biological basis for therapeutic interventions that target these molecular mechanisms. RFA-HL-02-002

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-02-002.html>

Deadline: Letters of Intent 1/7/2002; Applications 2/12/2002

SOCIAL SCIENCE

38-14 Scholar Awards: Methodological Training for Cultural Anthropologists (NSF)

The National Science Foundation announces an opportunity for methodological training by cultural anthropologists who are active researchers. The purpose is to help cultural anthropologists upgrade their methodological skills by learning a specific analytical technique which will improve their research abilities. For example, support may be requested to learn new methods of cross-cultural research, demography, remote sensing and Geographic Information Systems, ecological field survey, linguistics, etc. NSF 01-129

URL: <http://www.nsf.gov/cgi-bin/get-pub?nsf001129>

Deadline: 1/1/2002, 8/1/2002

38-15 Family Violence (HSRA)

The Health Resources and Service Administration is inviting applications to develop or enhance systems that identify and assist pregnant or postpartum women experiencing domestic violence. Programs must facilitate access to a coordinated, confidential network of medical and psychosocial service providers, women's shelters, legal and law enforce-

ment resources and other support services. Projects must also target a geographic area with high annual rates of infant mortality. CFDA 93.926

Deadline: 12/3/2001

38-16 Research on HIV/STD Prevention Messages (NIH)

The National Institute of Child Health and Human Development (NICHD), the National Institute of Nursing Research (NINR), the National Institute on Drug Abuse (NIDA) invite researchers to submit applications to study the creation, dissemination and consumption of messages created to deter the spread of HIV. It encourages studies that examine the interrelationships among various attributes of communication about HIV risk and prevention, and the consequences of communication for individuals, groups and populations. It also seeks research that examines how people consume, understand, retain, and use or act upon information about HIV risk and prevention. PA-01-139 (NIHG 09/21/01)

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-01-139.htm>

Deadline: 1/2/2002, 5/2/2002, 9/2/2002

STUDENT

38-17 Summer Programs in Japan, Korea and Taiwan for U.S. Graduate Students in Science and Engineering (NSF)

The Summer Programs in Japan, Korea and Taiwan provide U.S. graduate students in science and engineering first-hand research experience in Japan, Korea and Taiwan, an introduction to the science and science policy infrastructure of the respective countries, and orientation to the culture and language. The programs will last approximately eight weeks (from June to August). NSF 02-007

URL: <http://www.nsf.gov/cgi-bin/get-pub?nsf02007>

Deadline: 12/1/2001

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