

# Funding Opportunities Bulletin

## December 2004

Compiled by KUCR Proposal Services as a Resource  
for Kansas University Researchers

Click on the links below to go directly to the named section

[BUSINESS](#)

[EDUCATION](#)

[ENGINEERING & COMPUTER SCIENCE](#)

[FINE ARTS](#)

[HUMANITIES](#)

[MEDICINE & LIFE SCIENCES](#)

[PHYSICAL SCIENCES & MATHEMATICS](#)

[SOCIAL SCIENCES](#)

[MULTIPLE DISCIPLINES](#)

### **BUSINESS**

#### **Kauffman Foundation Research Grants and Pre-proposal and Literature Review Grants**

KU Center for Research in Entrepreneurial Activity (CREA)

Deadlines: Research Grants: **January 10, 2005**

Pre-proposals and Literature Review Grants: **January 10, 2005**

Applications for Pre-proposals and Literature Review Grants will also be accepted on a rolling basis through May 6, 2005

The KU Center for Research in Entrepreneurial Activity (CREA) has funds to support research on topics that will add to our understanding of the sources and effects of entrepreneurship. Interested faculty at the University of Kansas are invited to apply for funding from the Center to support their work. CREA will fund two types of projects: (1) *Research grants* are intended to support work intended for a top journal or other prominent academic outlet, or to lead to a proposal for additional funding from another external agency to support projects of a larger scope than those funded by the Center. The grants will typically provide support for summer salary and other needs relevant for a major research project (e.g., research assistance, data, or travel), the average award will be approximately \$30,000. (2) *Pre-proposals or literature reviews* are intended to allow a scholar to survey and get acquainted with an area but without the expectation of a research publication. The pre-proposals or literature reviews will receive funding of \$2,000. Interested faculty are invited to a meeting with CREA directors and a representative of the Kauffman Foundation at 1p.m., **December 1, in the English Room (5<sup>th</sup> floor) of the Kansas Union** to learn about several Kauffman Foundation supported data collection initiatives.

For more information: <http://www.ku.edu/pri/CREA/>

## **EDUCATION**

See also listings under SOCIAL SCIENCE and MULTIPLE DISCIPLINES

### **Pre-Service Teacher Program (PST)**

U.S. Department of Energy

Deadline: Applications accepted starting October 1, 2004; offers made in February and March, 2005

This program places students in paid internships in Science, Math, and Technology at any of several different National Laboratory locations. The participants in the program have decided on a teaching career in one of these disciplines. They conduct research and have the mentorship of a Master Teacher who is currently working in K-12 education as a teacher and is familiar with the research environment of a specific National Laboratory. Programs at the various laboratories will run from late May to mid-August. Students are required to participate for the full term of the program.

For more information: <http://www.scied.science.doe.gov/scied/PST/about.htm>.

### **Teacher Quality Enhancement Grants**

U.S. Department of Education

Deadline: **December 17, 2004**

The Teacher Quality Enhancement Grants initiative consists of three separate programs: Partnership Grants for Improving Teacher Preparation, State Grants, and Teacher Recruitment Grants. Partnership Grants for Improving Teacher Preparation will provide funds to partnerships among teacher preparation institutions, schools of arts and sciences, and local school districts in high-need areas. State Grants will encourage States to improve the quality of their teaching force. Teacher Recruitment Grants will support State and local efforts to recruit highly qualified teachers for high-need areas.

For more information: <http://www.ed.gov/programs/heatqp/index.html>.

## **ENGINEERING & COMPUTER SCIENCE**

See also listings under MULTIPLE DISCIPLINES

### **neXt Generation (XG) Communications Phase III**

Defense Advanced Research Projects Agency (DARPA)

Deadline: Applications accepted through **October 26, 2006**

The XG Communications program is developing the technologies and system-level concepts needed for deploying networks of spectrum-adaptive, wireless communications systems. The technologies developed will be applicable to military and commercial systems, and enable a radio to be operated worldwide. This BAA solicits proposals to pursue the Phase 3 of the XG program. The goal of the XG Phase 3 effort is to develop prototypes and demonstrate the ability to implement networks of spectrum-agile radios. These radios will dynamically adapt to

changing spectrum environments within the limits of usage policies with an objective to access 10 times more spectrum without causing harmful interference to non-cooperative radios. The deadline for First Selections funding is **December 13, 2004**, but proposals will be accepted until the closing date.

For more information:

<http://www.fedgrants.gov/Applicants/DOD/DARPA/CMO/BAA05-05/listing.html>.

### **Emerging Models and Technologies for Computation**

Division of Computing & Communication Foundations

Directorate for Computer and Information Science and Engineering

National Science Foundation

Deadline: **February 4, 2005**

The Emerging Models and Technologies for Computation cluster seeks to advance the fundamental capabilities of computer and information sciences and engineering by capitalizing on advances and insights from areas such as biological systems, quantum phenomena, nanoscale science and engineering, and other novel computing concepts. To bring fundamental changes to software, hardware and architectural design aspects of future computing models, collaborations among computer scientists, engineers, mathematicians, biologists and other disciplinary scientists are imperative. Research of interest should move beyond evolutionary technological advances to innovations that enable fundamentally different ways of computing.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05501>.

### **Cyber Trust**

National Science Foundation

Deadline: **February 7, 2005**; February 6, 2006

Cyber Trust promotes a vision of a society in which networked computer systems are: more predictable, more accountable, and less vulnerable to attack and abuse; developed, configured, operated and evaluated by a well-trained and diverse workforce; and used by a public educated in their secure and ethical operation. Proposals funded will support single and multiple-investigator projects within the broad range of disciplines contributing to the Cyber Trust vision. Projects will be supported in three categories: Single Investigator or Small Group projects, Team projects, and Center-Scale projects. The resulting Cyber Trust award portfolio will: advance the cyber security research frontier; build national education and workforce capacity (including undergraduate, graduate, and faculty development and training); and ensure that new knowledge can be put into practice.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05518>.

## **Early Career Translational Research Awards in Biomedical Engineering**

Wallace H. Coulter Foundation

Deadline: **March 15, 2005**

Early Career Translational Research Awards in Biomedical Engineering will give up to \$200,000 over two years with an optional third-year, \$100,000 award. The goal of the program is to support translational research and to help start young investigators in research careers that involve translational research, which aims to transfer technology from the laboratory to commercial development and clinical practice. Applicants must be full-time, tenure-track faculty members with a primary appointment in biomedical engineering and a rank no higher than assistant professor. The awards will require collaboration with a clinical investigator.

For more information: <http://www.whcf.org/>.

## **New and Innovative Ideas for Advanced Technology Opportunities**

U.S. Army Space and Missile Defense Command (USASMDC)

Deadline: White Papers are Due by the 15<sup>th</sup> of each month;

The USASMDC announces interest in receiving research and development proposals that include new ideas and advanced and innovative concepts for current and emerging principles. The technology proposal categories are: (1) Command, Control, Communications and Computer Technologies (2) Weapon Technologies (3) Sensor Technologies and (4) Innovative Technologies. In order to streamline the proposal process and to assist offerors in determining whether to incur the cost of generating a formal BAA proposal, offerors are asked to submit a summary concept paper for evaluation. Concept papers will be evaluated monthly. The papers need to be submitted by the 15th of each month for evaluation during that month.

For more information: <http://www.smdc.army.mil/Contracts/Contracts.html> (click on “Broad Agency Announcements,” then “New and Innovative Ideas for Advanced Technology Opportunities”)

## **FINE ARTS**

See also listings under HUMANITIES

### **Arts AccessAbility Program**

National Endowment for the Arts

Deadline: **December 20, 2004**

This program announcement outlines three separate National Endowment for the Arts projects, each of which is designed to make the arts and opportunities in the arts more accessible to people with disabilities or those in healthcare settings. The three project areas are: 1.) Statewide Forums on Careers in the Arts for People with Disabilities; 2.) Access to Design Professions; 3.) Arts in Healthcare Consultancy.

For more information: <http://www.arts.gov/grants/apply/Accessibility.html>.

## **Literature Fellowships: Creative Writing Fellowships**

National Endowment for the Arts

Deadline: **March 1, 2005**

Creative Writing Fellowships enable recipients to set aside time for writing, research, travel, and general career advancement. Non-matching grants are for \$20,000. This program operates on a two-year cycle with fellowships in prose available one year and fellowships in poetry available the next. The FY 2006 application deadline is March 1, 2005, for prose fellowships in fiction and creative nonfiction; the FY 2007 application deadline for poetry fellowships is March 1, 2006. The guidelines should be available in January 2005.

For more information: [http://www.arts.gov/grants/apply/index\\_ind.html](http://www.arts.gov/grants/apply/index_ind.html).

## **HUMANITIES**

See also listings under FINE ARTS

## **Bellagio Study and Conference Center Individual, Collaborative and Parallel Residencies**

Rockefeller Foundation

Deadlines: **January 10**, and May 10, 2005

The Bellagio Study and Conference Center, located on a historic estate on Lake Como, Italy, provides an ideal environment of solitude, contemplation and productivity in which scholars, scientists, artists, writers, policymakers and practitioners from all over the world may pursue their creative and scholarly work.

For more information: <http://www.rockfound.org/display.asp?context=3&SectionTypeID=6>

## **MEDICINE & LIFE SCIENCES**

See also listings under MULTIPLE DISCIPLINES

## **Membrane Protein Production and Structure Determination**

National Institutes of Health

Deadlines: Letter of Intent: **December 23, 2004**; Full Proposal: January 24, 2005

This RFA solicits applications to enhance the rate of membrane protein structure determination and to facilitate the determination of membrane protein structures. Methods development for expression, oligomerization, solubilization, stabilization, purification, characterization, crystallization, isotopic labeling of membrane proteins, and for determination of their structures by electron microscopic, x-ray diffraction, nuclear magnetic resonance (NMR) and mass spectrometry, and other biophysical techniques are emphasized.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-04-026.html>.

**Assessing the Condition of Great Rivers Using Benthic and Planktonic Algal Indicators**  
U.S. Environmental Protection Agency  
Deadline: **January 7, 2005**

In support of the EPA's Environmental Monitoring and Assessment Program (EMAP) survey of the Great Rivers of the central United States, the EPA requests applications for the development and interpretation of indicators of the ecological conditions of the Great Rivers (e.g., the Mississippi, Missouri, and Ohio Rivers) based on phytoplankton and periphyton assemblages such as chlorophyll and biomass. EPA specifically solicits research to: (1) develop the monitoring tools (biological indicators, survey designs, estimates of reference condition) necessary to produce unbiased estimates of the ecological condition of the Great Rivers of the central United States; (2) demonstrate those tools in a large-scale assessment; and (3) determine the relative risk to these rivers from a comprehensive list of potential stressors.

For more information: [http://es.epa.gov/ncer/rfa/2005/2005\\_emap\\_great\\_rivers.html](http://es.epa.gov/ncer/rfa/2005/2005_emap_great_rivers.html).

**American Heart Association National Program**

National Scientist Development Grant  
Faculty-to-Faculty Transition Award  
Bugher Foundation Award  
American Heart Association  
Deadline: **January 10, 2005**

The National Research Program funds research broadly related to CVD and stroke and encourages applications in such areas. Investigators working in two areas (see below) of research are particularly encouraged to submit applications. Proposals in these research areas will compete for funding with those in all other areas. Research Areas: 1.) To improve population and/or behavioral methods or develop novel methods to advance primary and/or secondary prevention goals of the AHA. 2.) To improve the effectiveness of therapy, quality of care and systems of healthcare delivery goals of the AHA.

For more information: <http://www.americanheart.org/presenter.jhtml?identifier=3004142>.

**Predocctoral Fellowships, Postdoctoral Fellowships, Beginning Grant-In-Aid and Grant-in-Aid**

Heartland Affiliate  
American Heart Association  
Deadline: **January 11, 2005**

These awards support research broadly related to cardiovascular function and disease, stroke or to related clinical, basic science, bioengineering or biotechnology, and public health problems. Awards range from \$25,000 for pre-doctoral fellowships to \$71,500 for Grant-in-Aid.

For more information: <http://www.americanheart.org/presenter.jhtml?identifier=2492>.

## **Grants to Expand Substance Abuse Treatment Capacity in Targeted Areas of Need**

Substance Abuse and Mental Health Services Agency

Department of Health and Human Services

Deadline: **January 13, 2005**

To encourage substance abuse treatment systems to be more responsive and bridge the gap between what is needed by individual States, localities, and/or tribal organizations, and what is known about effective treatments to meet those needs, SAMHSA/CSAT intends to fund projects in three categories in FY 2005: 1) *treatment for selected native populations* (American Indian/Alaska Native or Asian American/Pacific Islanders); 2) *treatment focused on methamphetamine and other emerging drugs* in adult, rural populations; and 3) *campus screening and brief intervention* (SBI).

For more information: [http://www.samhsa.gov/grants/2005/nofa/ti05003\\_TCE.aspx](http://www.samhsa.gov/grants/2005/nofa/ti05003_TCE.aspx).

## **High-Accuracy Protein Structure Modeling**

National Institute of General Medical Sciences (NIGMS)

National Institutes of Health (NIH)

Deadlines: Letter of Intent: **January 14, 2005**; Full Proposal: February 14, 2005

The NIGMS invites applications for P20 Exploratory Center Grants to support the development of novel technologies that will significantly improve the accuracy of comparative modeling methods for protein structure prediction. This program is part of the NIGMS-supported Protein Structure Initiative (PSI). This RFA seeks to foster rapid advances in high-accuracy protein structure modeling by promoting interdisciplinary research with the aim of producing models comparable in quality to experimentally determined structures for most proteins.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-05-008.html>.

## **Smithsonian Institution Fellowship Program**

Smithsonian Institution

Deadline: **January 15, 2005**

Smithsonian Institution offers fellowships at the graduate through senior scholar levels in fields that are actively pursued by the museums and research organizations of the Institution (see below). These fellowships support research in residence at all Smithsonian facilities except the Smithsonian Astrophysical Observatory (Applicants interested in conducting research at the SAO should contact to the Smithsonian Astrophysical Observatory for program information.

For more information: <http://www.si.edu/ofg/ofgapp.htm>.

### **Field-Initiated Projects Program**

National Institute on Disability and Rehabilitation Research

U.S. Department of Education

Deadline: **January 18, 2005**

This program seeks to further one or both of the following: (a) develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities; or (b) improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended. Field Initiated projects carry out either research activities or development activities.

For more information: <http://www.ed.gov/programs/fip/applicant.html>.

### **Typical/Disordered Language: Phenotype Assessment Tools**

National Institute on Deafness and Other Communication Disorders (NIDCD)

National Institute of Child Health and Human Development (NICHD)

National Institutes of Health

Deadlines: Letter of Intent: **January 24, 2005**; Full Proposal: February 24, 2005

The NIDCD and NICHD jointly are providing \$500,000 to support Developmental/Exploratory grant awards to begin the process of adapting, norming, and/or developing language measures that can be used in the characterization of the behavioral phenotypes of language disorders and specific aspects of typical language acquisition. It is anticipated that 2-4 grants will be awarded in response to this solicitation.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-05-001.html>.

### **Genetics and Pathobiology of Vascular Cognitive Impairment**

National Institutes of Health

Deadlines: **February 1, 2005**; June 1, 2005; October 1, 2005

This Program Announcement invites applications to study the biological basis of vascular cognitive impairment (VCI). VCI causes a burden of illness similar to that caused by Alzheimer's disease (AD), but has been far less well-studied. Recently, however, some important strides have been made in understanding the etiology of VCI. These include the discovery of a monogenic form of vascular dementia, CADASIL, and identification of the causative gene as Notch 3. In addition, MRI and other pathological data have provided a clearer delineation of the various clinical subtypes of VCI, and awareness of the synergistic interaction between vascular and classical Alzheimer's pathologies in producing cognitive impairment.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PAS-04-149.html>.

### **Informatics for Disaster Management**

National Institutes of Health

Deadlines: **February 1, 2005**; June 1, 2005; October 1, 2005

The participating NIH Centers and Institutes wish to support informatics research that addresses biomedical information management problems relevant to management of disasters. Disasters can be caused by nature or by man, through accident, or by malice. Terrorism, particularly bioterrorism, is now an important focus of federal activity, but terrorism is only one of a number of threats to public safety classified as disasters. Disaster management is heavily dependent on efficient flow of information and extraction of critical knowledge. How best to utilize information technology in a disaster situation poses a number of problems for which relevant informatics research is necessary.

For more information: <http://grants1.nih.gov/grants/guide/pa-files/PA-03-178.html>.

### **Resource Grant in Biomedical Informatics/Bioinformatics**

National Library of Medicine

National Institutes of Health

Deadlines: **February 1, 2005**; June 1, 2005; October 1, 2005

This program announcement reissues and updates the NLM's grant program for support of the development, maintenance, and dissemination of databases or software tools that are unique, of major importance to an important research domain, and sufficiently mature to have a broad, describable community of users. These tools and resources should advance research or practice in the biomedical sciences, clinical medicine, or health services research. The NLM Biomedical Informatics Resource Grant supports ongoing research, development and maintenance of the tool or resource, user training and services, and wide dissemination of the tool or resource.

For more information: <http://grants2.nih.gov/grants/guide/pa-files/PA-04-142.html>.

### **Microbial Genome Sequencing Program FY 2005**

National Science Foundation

Deadline: **February 4, 2005**

The National Science Foundation and the U.S. Department of Agriculture invite research proposals to support high-throughput sequencing of the genomes of microorganisms (including viruses, bacteria, archaea, fungi, oomycetes, protists, and agriculturally important nematodes). The sequences are expected to be available to and used by a community of investigators to address issues of scientific and societal importance including: (i) novel aspects of microbial biochemistry, physiology, metabolism, development and cellular biology, (ii) the diversity and the roles microorganisms play in complex ecosystems and in global geochemical cycles, (iii) the impact that microorganisms have on the productivity and sustainability of agriculture and natural resources (e.g., forestry, soil and water), and on the safety and quality of the nation's food

supply, and (iv) the organization and evolution of microbial genomes, and the mechanisms of transmission, exchange and reshuffling of genetic information.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05512>.

### **Superfund Basic Research and Training Program**

National Institute of Environmental Health Sciences

National Institutes of Health

Deadlines: Letter of Intent: **February 14, 2005**; Full Proposal: April 21, 2005

The scientific topics appropriate for this RFA cover almost all aspects of scientific and intellectual inquiry and methodology that are directly related to understanding the relationship between exposure to hazardous substances and human health, impacts of hazardous substances on ecosystems, and strategies to understand the physical, chemical and biological processes affecting chemicals in environmental media as well as methods and approaches to effectively reduce the amount and toxicity of hazardous substances. However, for the purposes of the RFA, this research must be in context of the chemicals considered appropriate for study. These include: 1.) Hazardous substances found with some frequency at Superfund sites; 2.) Hazardous breakdown products of such substances formed in environmental media by physical, chemical or biological (e.g., plants, microorganisms, etc.) processes; 3.) Hazardous metabolites of the above substances or their breakdown products formed in humans or experimental animals; and 4.) Chemicals with structural similarity to hazardous substances found at Superfund sites.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-05-001.html>.

### **Ovarian Cancer Research Program Idea Development Award**

Office of the Congressionally Directed Medical Research Programs (CDMRP)

United States Army Medical Research and Materiel Command (USAMRMC)

Deadline: **February 15, 2005**

The fiscal year 2005 (FY05) Defense Appropriations Act provides \$10 million to the Department of Defense Ovarian Cancer Research Program (OCRCP) to support innovative research directed toward eliminating ovarian cancer. The intent of the Idea Development Award is to support innovative approaches to ovarian cancer research. Idea Development Awards must address etiology/tumor biology, preclinical development of targeted therapies (excluding clinical trials), or early detection/diagnosis of ovarian cancer. Independent investigators from all academic levels are eligible to submit proposals. All Idea Development Award proposals must include preliminary data relevant to ovarian cancer research and the proposed project.

For more information: <http://cdmrp.army.mil/funding/05ocrp.htm>.

### **Neurofibromatosis Research Program (NFRP)**

Office of the Congressionally Directed Medical Research Programs (CDMRP)

United States Army Medical Research and Materiel Command (USAMRMC)

Deadline: **February 22, 2005**

Proposals to the NFRP are sought across all areas of laboratory, clinical, behavioral, and epidemiological research including all disciplines within the basic, clinical, psychosocial, behavioral, sociocultural, and environmental sciences; nursing; occupational health; alternative therapies; public health and policy; and economics. The Investigator-Initiated Research Awards sponsors basic and clinically oriented research that will (1) provide insight into the molecular mechanisms underlying the development of neurofibromatosis (NF) and related diseases; (2) result in substantial improvement(s) over today's approach to the diagnosis and treatment of NF1, NF2, and/or Schwannomatosis; and (3) enhance the quality of life for persons with the disease(s).

For more information: <http://cdmrp.army.mil/funding/05nfrp.htm>.

### **Tuberous Sclerosis Complex Research Program**

Office of the Congressionally Directed Medical Research Programs (CDMRP)

United States Army Medical Research and Materiel Command (USAMRMC)

Deadline: **February 22, 2005**

The TSCRCP seeks to decrease the impact of tuberous sclerosis complex. Within this context, the encouragement of established scientists in the field and the attraction of new scientific expertise from other fields are essential to the tuberous sclerosis complex community. Proposals that address the needs of minority, low-income, rural, and other underrepresented and/or medically underserved populations may be submitted from any eligible institutional source. The Program will provide two types of awards: Idea Development Awards, and Concept Awards.

For more information: <http://cdmrp.army.mil/funding/05tsrp.htm>.

### **Centers of Excellence in Translational Human Stem Cell Research**

National Institutes of Health

Deadlines: Letter of Intent: **February 24, 2005**; Full Proposal: March 24, 2005

The NIH invites applications for specialized Centers to accelerate application of the latest advances in human stem cell biology for the development of novel diagnostic or therapeutic uses, and of preclinical studies employing human stem cells in animal models of disease. This initiative targets critical gaps in research that are delaying the conversion of new discoveries to new therapies, and particularly encourages the formation of new, multidisciplinary teams involving scientists that may not have worked in the human stem cell field and those that incorporate the full spectrum of expertise and experience in translational medical research. The NIH intends to commit up to \$4.5 million dollars in FY 2005 to fund three new Centers. A pre-application meeting will be held: December 10, 2004.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-05-005.html>.

## **PHYSICAL SCIENCES & MATHEMATICS**

See also listings under MULTIPLE DISCIPLINES

### **Sedimentary Geology and Paleobiology**

National Science Foundation

Deadlines: **January 16** and July 16, annually

Sedimentary Geology and Paleobiology (SGP) will support studies of: (1) life and ecology in past geologic time based on fossil plants, animals, and microbes; (2) stratified rocks and interpretation of the historical information they contain; (3) the science of dating and measuring the time sequence of events of the Earth's past; and (4) the production, transport and deposition of physical and chemical sediments. SGP especially encourages integrative studies at the national and international levels that seek to link subdisciplines, such as paleoclimatology, paleobiogeography, and paleoenvironmental and paleoecologic reconstructions.

For more information: <http://www.geo.nsf.gov/cgi-bin/geo/showprog.pl?id=131&div=ear>.

### **Atmospheric Chemistry**

National Science Foundation

Deadlines: Continuous (Proposals may be submitted anytime).

The measurement and modeling of concentration and distribution of gases and aerosols in the lower and middle atmosphere; chemical reactions among atmospheric species; sources and sinks of important trace gases and aerosols; aqueous phase atmospheric chemistry; transport of gases and aerosols throughout the atmosphere; and improved methods for measuring the concentrations of trace species and their fluxes into and out of the atmosphere.

For more information: <http://www.geo.nsf.gov/cgi-bin/geo/showprog.pl?id=11&div=atm>.

### **Climate Dynamics**

National Science Foundation

Deadlines: Continuous (Proposals may be submitted anytime).

Supports research on processes that govern climate and the causes of climate variability and change; methods to predict climate variations and assess their impact on human activities; assembly and analysis of modern climate data; development and use of climate models to diagnose and simulate climate and its variations.

For more information: <http://www.geo.nsf.gov/cgi-bin/geo/showprog.pl?id=22&div=atm>.

### **Large-Scale Dynamic Meteorology**

National Science Foundation

Deadlines: Continuous (Proposals may be submitted anytime).

Supports basic research to improve the understanding and prediction of atmospheric motion on synoptic to planetary scales. Research topics include the general circulation, synoptic scale weather phenomena, atmospheric predictability, and improved parameterization of physical processes and numerical methods for use in large-scale models.

For more information: <http://www.geo.nsf.gov/cgi-bin/geo/showprog.pl?id=23&div=atm>.

### **Solar-Terrestrial Research**

National Science Foundation

Deadlines: Continuous (Proposals may be submitted anytime).

Supports research on the processes by which energy in diverse forms is generated by the Sun, transported to the Earth, and ultimately deposited in the terrestrial environment. Major topics include space weather impacts, helioseismology, the solar dynamo, the solar activity cycle, magnetic flux emergence, solar flares and eruptive activity, coronal mass ejections, solar wind heating, solar energetic particles, interactions with cosmic rays, and solar wind/magnetosphere boundary problems.

For more information: <http://www.geo.nsf.gov/cgi-bin/geo/showprog.pl?id=10&div=atm>.

### **SOCIAL SCIENCES**

See also listings under BUSINESS and MULTIPLE DISCIPLINES

### **Developmental and Learning Sciences Program**

National Science Foundation

Deadlines: **January 15** and July 15, annually

This initiative aims to support studies that increase our understanding of cognitive, social, and biological processes related to children and adolescents' learning in formal and informal settings. Additional priorities are to support research on learning and development that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods and theories; examines transfer of knowledge from one domain to another; assesses 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 and cultural characteristics in children's learning and development. The results of this initiative will add to our basic knowledge of children's learning and development and, ultimately, will lead to better educated children and adolescents who grow up to take productive roles as workers and as citizens.

For more information: <http://www.nsf.gov/sbe/bcs/dls/start.htm>.

## **Geography and Regional Science Program**

National Science Foundation

Deadlines: **January 15** and July 15, annually for Regular Research Proposals  
February 15 and October 15, annually for Doctoral Dissertation Research  
Improvement Proposals

The Geography and Regional Science (GRS) Program sponsors research on the geographic distributions and interactions of human, physical, and biotic systems on the Earth's surface. Investigations are encouraged into the nature, causes, and consequences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics (both domestic and international) qualify for support if they offer promise of contributing to scholarship by enhancing geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Support also is provided for projects that explicitly integrate undergraduate and graduate education into the overall research agenda.

For more information: <http://www.nsf.gov/sbe/bcs/geograph/start.htm>.

## **Linguistics Program**

National Science Foundation

Deadlines: **January 15** and July 15, annually

Supports scientific research of all types that focuses on human language as an object of investigation. The program supports research on the syntactic, semantic, phonetic, and phonological properties of individual languages and of language in general; the psychological processes involved in the use of language; the development of linguistic capacities in children; social and cultural factors in language use, variation, and change; the acoustics of speech and the physiological and psychological processes involved in the production and perception of speech; and the biological bases of language in the brain.

For more information: <http://www.nsf.gov/sbe/bcs/ling/start.htm>.

## **Political Science Program**

National Science Foundation

Deadlines: **January 15** and August 15, annually

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions.

For more information: <http://www.nsf.gov/sbe/ses/polisci/start.htm>.

### **Social Psychology Program**

National Science Foundation

Deadlines: **January 15** and July 15, annually

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, the social psychology of health, and the psychophysiological correlates of social behavior.

For more information: <http://www.nsf.gov/sbe/bcs/socpsy/start.htm>.

### **Economics Program**

National Science Foundation

Deadlines: **January 18** and August 18, annually

The Economics Program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. The Program strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. Topics of current interest are computational economics, the transformation of command economies, human resource-related issues (poverty, labor productivity, the family, gender and racial discrimination, etc.), and global environmental change. The Program supports research in almost every subfield of economics, including econometrics, economic history, finance, industrial organization, international economics, labor economics, public finance, macroeconomics, and mathematical economics.

For more information: <http://www.nsf.gov/sbe/ses/econ/start.htm>.

## **MULTIPLE DISCIPLINES**

### **Instrumentation for Materials Research-Major Instrumentation Projects (IMR-MIP)**

National Science Foundation

Deadline: Internal Competition: **November 30, 2004**; Full Proposal to NSF: January 24, 2005

NSF intends to support the design and construction of a variety of mid-scale instruments (those with construction costs greater than about \$2 million but less than about \$20 million), including but not limited to beamlines, high-field magnets, detectors, and preparation environments at major US facilities. NSF has a key role to play in supporting the education and training of the future researchers who will develop instrumentation for these facilities and use them effectively for the advancement of science. Therefore priority will be given to those proposals that involve students in the design and construction of the instruments. An institution may submit at most one IMR-MIP proposal in a given year, whether for Conceptual and Engineering Design (CED) or for Construction (CNST). Interested proposers should submit a three-page abstract, including

key personnel and a generalized cumulative budget. Also, please specify which initiative interests you, i.e. conceptual and engineering design (CED) or construction (CNST). Please submit this material electronically to Barbara Earl, manager of Proposal Services at KUCR, by 5:00 p.m. on November 30, 2004 ([bearl@ku.edu](mailto:bearl@ku.edu), 864-7781). If the number of interested parties exceeds the mandated limit, an internal review committee will be formed to review all abstracts. KUCR's intent is to select a proposer by December 10, 2004, thereby giving the investigator more than six weeks to prepare for the NSF submission.

For more information: <http://www.nsf.gov/pubs/2005/nsf05513/nsf05513.htm>.

### **Study of the United States Institute for Foreign Secondary Educators**

U.S. Department of State

Deadline: **December 13, 2004**

The Branch for the Study of the U.S., Office of Academic Exchange Programs, Bureau of Educational and Cultural Affairs, announces an open competition for public and private non-profit organizations to develop and implement the Study of the United States Institute for Foreign Secondary Educators. This Institute, for a multinational group of 30 experienced foreign secondary educators (including teacher trainers, curriculum developers and education ministry officials), is intended to provide participants with a deeper understanding of American life and institutions, past and present, in order to strengthen curricula and to improve the quality of teaching about the United States at secondary schools and teacher trainer institutions abroad. The institute should be organized around a central theme or themes in U.S. civilization and should have a strong contemporary component.

For more information: <http://exchanges.state.gov/education/rfgps/dec13rfgp.htm>.

### **Lapse or Relapse to Drug Abuse and Other Chronic Conditions**

National Institute on Drug Abuse (NIDA)

National Institutes of Health

Deadlines: Letter of Intent: **December 27, 2004**; Full Proposal: January 25, 2005

The NIDA invites applications in which a behavioral, cognitive, social cognitive or neurobiological approach is used to advance our understanding of the causes, consequences and treatment of drug abuse relapse. This RFA particularly encourages interdisciplinary research that fosters collaboration between basic and applied researchers, between those studying humans in laboratory settings and those studying clinical populations. In addition, researchers who study other chronic, relapsing conditions (e.g., obesity, depression, anxiety disorders) are encouraged to apply their research approaches or paradigms to the problem of drug abuse and addiction. To the extent that relapse is a common feature of many chronic diseases, an understanding of drug abuse relapse will have considerable generalizability beyond the phenomenon of drug addiction.

For more information:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-05-004.html>

**Public Policy Analysis and Education Center for Early Childhood Health**  
Health Resources and Services Administration (HRSA)  
Deadline: **December 28, 2004**

The purpose of this cooperative agreement is to analyze the effects of public policies, regulations, and practices at the community, State and Federal levels on the health and well-being of infants and young children and their families. The Center's efforts will enhance the knowledge and inform the practices of practitioners and policy and decision makers regarding the short and long-term consequences of public policies on the health, behavior and well-being of infants and young children. The Center's work will include the development of conceptual models for health and related services as well as analysis of the utility of various indicators of health status and well being for these age groups.

For more information:

<http://www.fedgrants.gov/Applicants/HHS/HRSA/GAC/HRSA-05-115/Grant.html>.

**Biological Criteria Program**

U.S. Environmental Protection Agency  
Deadline: **January 1, 2005**

EPA seeks to award financial assistance under the authority of Section 104(b)(3) of the Clean Water Act to support research within various ecoregions and waterbodies nationwide to support the development and implementation of biological assessments and criteria within specific EPA Regions of the country. The focus of this research will serve to better understand the complex relationships among physical and biological responses of water bodies. Funding will be provided to support the development and implementation of biological assessments and criteria into water quality standards programs by States and Tribes including such activities as, conducting state-wide assessments, compiling bioassessment databases, analyzing biological data, developing indexes, reference conditions, classification systems, holding workshops and meetings, taxonomic training, revising water quality standards, improving designated aquatic life uses and maintaining and operating technical support capabilities/ centers for the States and Tribes.

For more information: <http://www.epa.gov/waterscience/biocriteria/> (click on Request for Proposals).

**Food and Agricultural Sciences National Needs Graduate and Postdoctoral Fellowship Grants Program**

U.S. Department of Agriculture  
Deadline: **January 5, 2005**

This program awards grants to train students for master's and/or doctoral degrees & provide additional postdoctoral training for Fellows who have completed their doctoral degrees at colleges and universities that have demonstrable teaching and research competencies in the food & agricultural sciences. Grants are specifically intended to support fellowship programs that

encourage outstanding students to pursue & complete their degrees or obtain postdoctoral training in areas where there is a national need for the development of scientific & professional expertise. Post-doctoral Fellowships will not be awarded in FY 2005. In FY 2005, applications are being solicited in the following national need areas: (1) animal, microbial, or plant molecular biology, including genomics & bioinformatics; (2) natural resources & the environment; (3) agricultural systems & natural resource engineering; (4) marketing & management; (5) food science & human nutrition; (6) human or family science & consumer sciences; & (7) multidisciplinary &/or multi-institutional programs.

For more information: [http://www.csrees.usda.gov/funding/rfas/national\\_needs.html](http://www.csrees.usda.gov/funding/rfas/national_needs.html).

### **Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)**

National Science Foundation

Deadlines: Letter of Intent (optional): **January 6, 2005**

Full Proposal: February 10, 2005

The Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP) seeks to increase the number of students (U.S. citizens or permanent residents) receiving associate or baccalaureate degrees in established or emerging fields within science, technology, engineering, and mathematics (STEM). Type 1 proposals are solicited that provide for full implementation efforts at academic institutions. The number of Type 1 proposals from any single institution are limited (an internal competition announcement from KUCR will follow). Type 2 proposals are solicited that support educational research projects on associate or baccalaureate degree attainment in STEM.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05519>.

### **Study of the United States (U.S.) Institutes**

U.S. Department of State

Deadline: **January 10, 2005**

The U.S. Department of State seeks grant proposals for four (4) Study of the United States (U.S.) Institutes dealing with the following topics: 1.) Study of the United States Institute on Religious Pluralism; 2.) Study of the United States Institute on U.S. Foreign Policy; 3.) Study of the United States Institute on Contemporary American Literature; 4.) Study of the United States Institute on American Politics and Political Thought. These institutes are intended to provide participants with a deeper understanding of American life and institutions, past and present, in order to strengthen curricula and to improve the quality of teaching about the United States at universities abroad. They should be intensive, academically rigorous seminars for scholars from outside the United States and should have a strong central theme and focus. The programs, which should be six weeks in length, must include an academic residency segment of at least four weeks and a study tour segment of not more than two weeks.

For more information: <http://exchanges.state.gov/education/rfgps/jan10rfgp.htm>.

## **National Network for Environmental Management Studies Fellowship Program**

U.S. Environmental Protection Agency

Deadline: **January 15, 2005**

The NNEMS program is a comprehensive fellowship program that provides students an opportunity to participate in a fellowship project that is directly related to their field of study. A range of fellowship activities are offered to help students increase their knowledge of environmental issues while refining their professional skills. The program offers approximately 40 research projects, developed and sponsored by EPA Headquarters in Washington, D.C. and in EPA's 10 regional offices and laboratories throughout the United States. The projects are specifically narrow in scope, allowing students to complete the research project while working fulltime at EPA during the summer or part-time during the school year. Typically, the research is conducted at an EPA office or laboratory, although other arrangements can be made in certain circumstances. The research projects are organized among five categories: Environmental Policy, Regulation, and Law; Environmental Management and Administration; Environmental Science; Public Relations and Communications; Computer Programming and Development.

For more information: <http://www.epa.gov/enviroed/NNEMS/index.html>.

## **Bioengineering Approaches to Energy Balance and Obesity**

National Institutes of Health

Deadlines: Letter of Intent: **January 17, 2005**; Full Proposal: February 16, 2005

NIH solicits applications to develop and validate new and innovative bioengineering technology to address clinical problems related to energy balance, intake, and expenditure. Novel sensors, devices, imaging, and other approaches are expected to be developed and evaluated by collaborating engineers, physical scientists, and scientists from other relevant disciplines with expertise in obesity and nutrition. Basic and applied research applications with rigorous hypothesis-testing designs are encouraged. It is anticipated that approximately \$4.75 million dollars will be committed in FY 05 to fund 8-12 new and/or competitive continuation grants.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-04-022.html>.

## **Arctic Research Opportunities**

National Science Foundation

Deadline: **January 24**, annually

NSF invites proposals to conduct research in the Arctic including field and modeling studies and data analysis. The goal of the NSF Arctic Sciences Section is to gain a better understanding of the Earth's physical, biological, geological, chemical, social and cultural processes, and the interactions of ocean, land, atmosphere, biological, and human systems in the Arctic.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05514>.

**P3 Award: A National Student Design Competition for Sustainability Focusing on People, Prosperity, and the Planet**

U.S. Environmental Protection Agency

Deadline: **January 27, 2005**

The P3 competition will provide grants to teams of college students to research, develop, and design solutions to challenges to sustainability. P3 highlights people, prosperity, and the planet – the three pillars of sustainability – as the next step beyond P2 or pollution prevention. The P3 Award program is a partnership between the public and private sectors to progress toward sustainability by achieving the mutual goals of economic prosperity, protection of the natural systems of the planet, and providing a higher quality of life for its people. EPA and its affiliates offer the P3 Award competition to respond to the technical needs of the developed and developing world in moving towards the goal of sustainability. Institutions of higher education and non-profit organizations located in the U.S. are eligible to apply as the recipient of a grant to support teams of undergraduate and/or graduate students.

For more information: [http://es.epa.gov/ncer/p3/designs\\_sustain\\_rfp\\_2005.html](http://es.epa.gov/ncer/p3/designs_sustain_rfp_2005.html).

**Ancillary Studies to the AD Neuroimaging Initiative**

National Institutes of Health

Deadlines: **February 1**, June 1, and October 1, annually

This PA invites research grant applications for ancillary studies to the Alzheimer's Disease Neuroimaging Initiative (ADNI), a multi-site, longitudinal, prospective, naturalistic study of normal cognitive aging, mild cognitive impairment (MCI), and early Alzheimer's disease (AD). The ADNI will collect, process, and store serial blood, CSF, and urine samples in the three groups for analyses for potential biomarkers of disease progression, including genomic, proteomic, and metabolomic markers that can be correlated with clinical, neuropsychological, and imaging data. Immortalized cell lines will also be established. The ancillary studies may propose and measure potential biomarkers, or offer new approaches to analyzing the dataset (e.g., image processing techniques, statistical analysis), or develop parallel neuroimaging studies with a different sample but with a subset of the measures used in the ADNI protocol, or propose autopsy studies.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-04-158.html>.

**Design, Measurement and Statistics in Community Mental Health Research**

National Institute of Mental Health

National Institutes of Health

Deadlines: **February 1**, June 1, October 1, annually

The purpose of this program announcement is to encourage research grant applications for work on the design, measurement, and statistical challenges inherent in conducting mental health services research in community settings. The goal of this initiative is to build and diversify the

methodological infrastructure of community-based mental health services prevention and intervention research. The PA is designed to encourage methodologists from diverse academic backgrounds, including mathematical and educational statistics, biostatistics, software engineering, behavioral and social science, and business, to focus on the challenges inherent in this type of research.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-04-150.html>.

### **The Effect of Racial and Ethnic Discrimination/Bias on Health Care Delivery**

National Institutes of Health

Deadlines: **February 1**, June 1, October 1, annually

The purposes of this Program Announcement (PA) are: (1) to improve the measurement of racial/ethnic discrimination in health care delivery systems through improved instrumentation, data collection and statistical/analytical techniques; (2) to enhance understanding of the influence of racial/ethnic discrimination in health care delivery and its association with disparities in disease incidence, treatment and outcomes among disadvantaged racial/ethnic minority groups; and (3) to reduce the prevalence of racial/ethnic health disparities through the development of interventions to reduce the influence of racial/ethnic discrimination on health care delivery systems in the United States

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-006.html>.

### **Research on Mental Health Economics**

National Institute of Mental Health

National Institutes of Health

Deadlines: **February 1**, June 1, and October 1, annually

The NIMH invites high quality, public health relevant health economics research grant applications to develop more efficient and equitable mechanisms of financing mental health services. Because the nature and scope of the proposed research will vary from application to application, it is anticipated that the size and duration of each award will also vary. The total amount awarded and the number of awards will depend upon the mechanism numbers, quality, duration, and costs of the applications received. This PA will use the NIH R01, R03, and the NIMH R34 award mechanisms.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-008.html>.

### **Research on the Economics of Diet, Activity, and Energy Balance**

National Institutes of Health

Deadline: **February 1**, June 1, and October 1, annually

Obesity has become a major focus of public health efforts at the national, State, and local levels. The major focus of the Program Announcement (PA) is to solicit projects that enhance the state-of-the-science on the causes of obesity and to inform federal decision-making on effective public health interventions for reducing the rate of obesity in the United States. Research strategies that nest economic analysis within a broader interdisciplinary context of other social and behavioral sciences as well as the epidemiological, bio-statistical, medical, and biological disciplines relevant to public health policy are especially encouraged.

For more information: <http://grants.nih.gov/grants/guide/pa-files/PA-05-009.html>.

### **Higher Education Challenge Grants Program**

U.S. Department of Agriculture

Deadline: **February 3, 2005**

The Higher Education Challenge (HEC) Grants Program seeks to strengthen institutional capacities to improve teaching programs in the food and agricultural sciences or in rural economic, community and business development, including curriculum, faculty, scientific instrumentation, instructional delivery systems, and student recruitment and retention, to respond to identified State, regional, national or international educational needs. Applications must fall within one of the following Program Categories: (a) Baccalaureate degree-level teaching improvement projects in the food and agricultural sciences; (b) Masters degree-level teaching improvement projects only in multidisciplinary or interdisciplinary studies; or (c) First professional degree-level veterinary medicine (DVM) teaching improvement projects. Proposals must also fall within one of the USDA's priority areas as well as areas of national need. See the solicitation for complete information.

For more information: [http://www.csrees.usda.gov/funding/rfas/hep\\_challenge.html](http://www.csrees.usda.gov/funding/rfas/hep_challenge.html).

### **Integrative Graduate Education and Research Traineeship Program (IGERT)**

National Science Foundation

Deadlines: Preliminary (required): **February 4, 2005**

Full Proposal (by invitation): August 25, 2005

The IGERT program has been developed to meet the challenges of educating U.S. Ph.D. scientists and engineers who will pursue careers in research and education, with the interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills to become, in their own careers, 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 diversity in student participation and preparation, and to contribute to the development of a diverse, globally-engaged, science and engineering workforce. Preliminary proposals are required; full proposals accepted by invitation only. A single institution may submit only two proposals to the full competition as a lead institution.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05517>.

### **Human and Social Dynamics (HSD)**

National Science Foundation

Deadlines: Exploratory Research Proposals, and HSD Research Community Development

Proposals: **February 9, 2005**

Regular (Full) Research Proposals: **February 23, 2005**

The Human and Social Dynamics (HSD) priority area fosters breakthroughs in understanding the dynamics of human action and development, as well as knowledge about organizational, cultural, and societal adaptation and change. HSD aims to increase our collective ability to (1) anticipate the complex consequences of change; (2) understand the dynamics of human and social behavior at all levels, including that of the human mind; (3) understand the cognitive and social structures that create, define, and result from change; and (4) manage profound or rapid change, and make decisions in the face of changing risks and uncertainty. Accomplishing these goals requires multidisciplinary research teams and comprehensive, interdisciplinary approaches across the sciences, engineering, education, and humanities, as appropriate. The FY 2005 competition will include three emphasis areas (Agents of Change; Dynamics of Human Behavior; and Decision Making, Risk and Uncertainty).

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05520>.

### **Research in Biogeosciences 2005 (BioGeo)**

National Science Foundation

Deadline: **February 10, 2005**

Within the oceans and on land, microbes exert their impact through active interactions with earth materials (including minerals, rocks, hydrates, soils and dust). Proposers should seek: to increase our understanding of microbial processes at the interface with such materials; to elucidate the geologic record of microbial activity at that interface at any time scale including the co-evolution of the geosphere and biosphere through such interactions; to better understand the impact of microbes on biogeochemical processes operating at that interface; or to develop new methods and research techniques for the study of geomicrobial processes. Approximately 10 awards, averaging \$100,000 per year for up to five years each are anticipated.

For more information: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05511>.

## **Learning Disabilities: Multidisciplinary Research Centers**

National Institutes of Health

Deadlines: Letter of Intent: **February 11, 2005**; Full Proposal: March 11, 2005

NIH invites applications to develop new knowledge about the etiologies, developmental courses, and response to instruction characteristics of children, adolescents, and adults with learning disabilities (LDs). NIH specifically encourages research on the development and validation of classification systems and definitions for LDs affecting oral language abilities related to reading and writing, basic reading skills, reading fluency, reading comprehension, and written expression. Within this context, the RFA encourages research to determine the conditions under which well-defined educational methods, strategies, and approaches prevent and/or remediate LDs in these domains. Studies designed to elucidate neurobiological and genetic factors related to LDs are also encouraged.

For more information: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HD-04-027.html>.

## **National Scholar Award for Workplace Innovation and Design**

NISH, formerly the National Industries for the Severely Handicapped

Deadline: **February 28, 2005**

NISH established the National Scholar Award to encourage students to design creative technological solutions to barriers that prevent people with disabilities from entering or advancing in the workplace. NISH will accept the following types of workplace technology designs: Computer access; Environmental accommodations; Functional control and access; Transportation/mobility; Communication assistance. This competition is open to any student or team of students at the graduate or undergraduate level.

For more information: <http://www.nish.org/content.asp?c=1&co=1082>.