

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

15-1 CAREER Awards (NSF)

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards for new faculty members. CAREER awardees will be selected on the basis of creative career-development plans that effectively integrate research and education within the context of the mission of their organization. Eligible faculty must be employed in a tenure-track position (or tenure-track-equivalent) as an assistant professor at an institution that awards degrees in a field supported by NSF or a non-profit, non-degree-granting organization such as a museum, observatory, or research lab. Faculty may not have competed more than two times in the NSF CAREER Program. The proposal must demonstrate integration of research and education, integrate diversity, show intellectual merit and also describe the broader impact of the activity. NSF 02-111

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02111>

Deadline: 7/22/2002; 7/23/2002; 7/24/2002

15-2 Bio-Surveillance System (DARPA) The Defense Advanced Research Projects Agency (DARPA)

Information Systems Office (ISO) is issuing a single step (full initial proposal) Broad Agency Announcement (BAA) to solicit research proposals (structured as a two year base effort plus two one year options) for the Bio-Surveillance System project. The goal of this program is to develop a prototype system for protecting DOD military and civilian personnel from bio-warfare attack. It will be capable of detecting a covert release of biological pathogen by monitoring non-traditional data sources, detecting and classifying anomalies and issuing alerts. SOL BAA01-17

URL: <http://www.darpa.mil/>

Deadline: 5/30/2002

15-3 Business, Engineering Grants (Denso)

The DENSO North America Foundation serves to extend DENSO Corporation's leadership in corporate citizenship by pro-

viding grants to colleges and universities for engineering and related business programs. Funding can be used for building campaigns, permanent installations and exhibits, equipment purchase, and classroom/lab sponsorships. DENSO will also provide scholarships and funding for student projects and undergraduate research in business or engineering.

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

Deadline: Deadline: Open

15-4 Augmentative and Alternative Communication Strategies for Treatment of Acquired Cognitive-Linguistic Disorders (NIH)

The National Institute of Child Health and Human Development, and the National Institute on Deafness and other Communication Disorders wish to support research evaluating the use of Augmentative and Alternative Communication (AAC) strategies for the treatment of cognitive-linguistic disorders. Three interrelated areas of research that require further investigations are: 1) Use of AAC as a research tool to provide theoretical insights into the nature of normal and impaired language and cognition; 2) Development of AAC as treatment tools to facilitate language recovery and use, production and comprehension; 3) The efficacy of applying AAC as communication modalities for individuals with acquired cognitive/linguistic communication disorders. RFA-HD-02-002 (NIHG 12/14/01)

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

Deadline: Letters of Intent 5/15/2002; Applications 6/12/2002

AGRICULTURE

15-5 Food Safety Research (FDA)

The Food and Drug Administration is requesting applications for research funds to support collaborative research efforts between the Center for Food Safety and Applied Nutrition and scientists and to complement and accelerate ongoing research in the area of transmissible spongiform encephalopathies (TSE) in order to avoid their presence in the nation's food supply, food additives, and dietary supplements. (FR 4/11/02)

URL: http://www.access.gpo.gov/su_docs/aces/aces140.html

Deadline: 6/10/2002

15-6 Biomass Research and Development for the Production of Fuels, Power, Chemicals and other Economical and Sustainable Products (DOE)

The Department of Energy has issued a pre-solicitation notice for Biomass Research and Development for the Pro-

duction of Fuels, Power, Chemicals and other Economical and Sustainable Products. Applications should: 1) overcome existing technical and economic barriers in the conversion of cellulosic feedstocks for the production of fuels (such as ethanol, biodiesel, and hydrogen), power, and products at a cost advantage over existing starch based technologies, 2) develop high value chemicals, materials, and other products, from any biomass feedstocks and co-product streams, that can be produced at a cost advantage over conventional feedstocks and significantly improve the overall economics of the industrial biorefinery, and 3) develop technologies that can be broadly applied and improve the economics and sustainability of the industrial biorefinery. The solicitation seeks applications related to a variety of concepts, including fermentation, hydrolysis, pyrolysis, gasification, and/or other biochemical or thermochemical conversion systems. Sol. 86382

URL: <http://biobased.org/news/news1925.html>

Deadline: 5/14/2002

15-7 EPA Regional Initiative Grants (EPA/Region VII)

The Pesticide Environmental Stewardship Program (PESP) Regional Initiative Grants are designed to reduce the risks and use of pesticides in agricultural and non-agricultural settings in the U.S. Pesticide pollution prevention, integrated pest management (IPM), IPM in schools, children's health issues related to pesticides, and those research methods for documenting IPM adoption or the reduction of risks associated with changes in pesticide use will receive priority consideration. Other projects will be considered as they complement these goals through public education, training, monitoring, demonstrations, and other activities. (FR 04/04/02)

URL: http://www.epa.gov/oppbopd1/PESP/regional_grants.htm

Deadline: 5/28/2002

EDUCATION

15-8 Youth Activities (Heartland)

Heartland Works has issued a Request for Proposals for year-round youth activities for eligible youth under Title 1 of the Workforce Investment Act. Included in the year-round activities will be a summer employment component in addition to provision of continuous services to youth, assessment of their academic and skill levels, and establishment of a service strategy that meets their employment and educational goals.

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

Deadline: 5/9/2002

15-9 Language Resource Centers (ED)

The Office of Postsecondary Education is soliciting proposals for the Language Resource Centers Program which provides assistance to establish, strengthen and operate centers that serve as resources for improving the nation's capacity for teaching and learning foreign languages. A language resource center funded under this priority must focus either on the languages of the middle East or the languages of South Asia. CFDA 84.229A (FR 4/11/02)

URL: <http://www.ed.gov/legislation/FedRegister>

Deadline: 5/31/2002

15-10 Research on Reading Comprehension (ED)

The Office of Educational Research and Improvement is inviting applications for the Program of Research on Reading Comprehension. The purpose of this program is to expand scientific knowledge of how students develop proficient levels of reading comprehension, how reading comprehension can be taught most optimally, and how reading comprehension can be assessed in ways that reflect as well as advance our current understanding of reading comprehension and its development. An overarching goal of the program is to obtain converging empirical evidence on the development and assessment of comprehension that coheres with scientifically supported theories of the processes involved in reading comprehension. CFDA 84.305G (FR 4/10/02)

URL: <http://www.ed.gov/legislation/FedRegister>

Deadline: Letters of Intent 4/29/2002; Applications 5/31/2002

15-11 YouthBuild (HUD)

The Housing and Urban Development Department is inviting applications for projects to help disadvantaged youths (ages 16 to 24) finish high school and gain job training by building and rehabilitating housing for homeless and low-income individuals. CFDA 14.243 (FR 3/26/02)

URL: <http://www.hud.gov/offices/adm/grants/fundsavail.cfm>

Deadline: 5/30/2002

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

15-12 Mobile Autonomous Robot Software (MARS) Robotic Vision 2020 (DARPA)

The Defense Advanced Research Projects Agency (DARPA) is soliciting proposals for the design, development, integration, and demonstration of perception-based autonomous robots that effectively operate in real-world environments and interact with humans and other robots. The key enabling strategy for this effort is the structured incorporation into the system of operator intervention, machine learning, and other techniques so that the sys-

tem's autonomous capabilities can be iteratively and methodically improved, resulting in the evolutionary development of the revolutionary capabilities needed to support the Joint DARPA/Army's Future Combat Systems (FCS) and other military transformational thrusts. SOL BAA02-15

URL: <http://www.darpa.mil/>

Deadline: 5/17/2002

15-13 Nuclear Explosion Monitoring Research and Engineering Program (DOE)

The objective of the research sought by this Request for Applications from the Department of Energy is to increase nuclear explosion monitoring effectiveness through improved understanding of basic earthquake and explosion phenomenology. Research of a fundamental nature is sought to answer the question of how the seismic energy is generated from these phenomena (including distributed and single point explosions, double-couple earthquakes and other modes of rock failure) and how this energy is partitioned between P and S waves. Specifically, how is the generation and partitioning of the seismic energy affected by properties such as: 1) source region medium and overburden, 2) the local structure, and 3) the surrounding tectonic province; What are the significant measurable effects of the partitioning of the seismic energy into various regional P and S phases especially at high frequency; What is the physical basis for a measurable property, such as magnitude that can be directly related to the yield of a fully coupled explosion, and how do emplacement conditions effect the observation? SOL DE-PS03-02SF22516 (FBO 4/4/02)

URL: <http://e-center.doe.gov/iips/busopor.nsf/Solicitation+By+Number/DE-PS03-02SF22516?OpenDocument>

Deadline: 5/24/2002

SOCIAL SCIENCES

15-14 Characteristics of Motorcycle Operators Study (DOT)

The Department of Transportation will fund a study to determine the characteristics of motorcycle operators in the general rider population, and to the extent possible, the characteristics, behaviors, and experiences associated with motorcyclists who are crash involved, especially those who are 40 years of age and older. Data to be collected include biographic and demographic characteristics, riding habits, rider training, and licensing status. SOL DTNH22-02-R-05112 (FBO 4/13/02)

URL: <http://www.fedbizopps.gov/>

Deadline: 5/31/2002

15-15 Rape Prevention and Education Grant (KS)

The Kansas Attorney General's Office, in collaboration with the Kansas Department of Health and Environment, is pleased to announce the availability of funds from the Federal Rape Prevention and Educa-

tion Grant to decrease the incidence of sexual violence against females. Funds are for: 1) coordination of community-based activities that promote attitudes, behaviors, and environments that are conducive to the prevention of sexual violence against females, and 2) prevention programs focusing on the potential offenders of sexual violence through the implementation of longitudinal interventions that change or reinforce attitudes, behaviors, and environments. A Technical Assistance Workshop will be provided Tuesday, April 30, 10 a.m. at the Saline County Sheriff's Office. Only one application per community is allowed. Please contact Ted Knous, Associate Vice Provost for Research, 532-6195, tknous@ksu.edu, by April 27 if you wish to apply.

Deadline: Internal 4/27/2002; Proposal 5/10/2002

STUDENTS

15-16 Collegiate Inventors Competition (Inventors)

The Collegiate Inventors Competition is open to students and their advisors. The invention, idea or process must be the original work of a student or student team with the guidance of their advisor. The program goals are to promote interest in scientific problem solving and technology; to fuel a passion for economic prosperity; and to increase understanding of U.S. patent laws and intellectual property rights.

URL: <http://www.invent.org/collegiate>

6/1/2002

Want More Funding Choices?

Search the [Community of Science Funding Opportunities Database](#) for funding opportunities in all academic areas.

Includes Federal Agencies; Corporate, Private and Community Foundations; and Associations.

<http://fundingopps2.cos.com/>

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