

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

14-1 Joint Services & AF Chemical and Biological Defense Assessments, Modeling and Development (AFRL)

Air Force Research Laboratory, Human Effectiveness Directorate, Deployment and Sustainment Division, (AFR/Hess) solicits research proposals for the Joint Services & AF Chemical and Biological Defense Assessments, Modeling and Development effort. This effort is needed to advance Chemical and Biological Warfare Defense (CBWD) science and technology to provide an effective defense against any adversary employing weapons of mass destruction (WMD). PRDA-02-02-HE (FBO 5/23/02)

URL: <http://www.eps.gov/spg/USAF/AFMC/AFRLWRS/PRDA-02-02-HE/listing.html>

Deadline: 5/23/2002

ARTS & HUMANITIES

14-2 Grants for Graphic Communications Projects (GAERF)

The Graphic Arts Education and Research Foundation is a major source of financial support for educational and research projects designed to enhance the future of the graphic arts industry. The Foundation awards the following types of grants: 1) Standard Grants for a specific time period and level of support with no statement of intent for additional future support; 2) Continuing Grants for a specific time period and level of support with a statement of intent to provide additional support of the project; 3) Grants for Teacher Conferences; 4) Mini-Grants for regional studies and projects up to \$2,500.

URL: <http://www.npes.org/gaerf/home.html>

Deadline: 5/30/2002

EDUCATION

14-3 Teaching American History (ED)

Teaching American History grants will support programs to raise student achievement by improving teachers' knowledge, understanding, and appreciation of American history. Grant awards will assist local educational agencies (LEA's), in partnerships with entities that have extensive content expertise, to develop, document,

evaluate, and disseminate innovative, cohesive models of professional development. By helping teachers to develop a deeper understanding and appreciation of American history as a separate subject matter within the core curriculum, these programs will improve instruction and raise student achievement. CFDA No. 84.215X (FR 04/03/02)

URL: <http://www.ed.gov/legislation/FedRegister/announcements/2002-2/040302b.pdf>

Deadline: Notices of Intent 5/3/2002;
Proposals 6/3/2002

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

14-4 High Energy Laser Research (AFRL)

The Air Force Research Laboratory (AFRL) intends to contract for High Energy Laser Research (HELRL) and is seeking contractor services to advance the state of the art in laser technologies for laser development and laser vulnerability effects testing programs at the Air Force Research Laboratory Directed Energy Lasers Division. This work shall also include laser damage and vulnerability experiments. SOL Reference-Number-29601-02-R-0003 (FBO 3/18/02)

URL: <http://www.eps.gov/spg/USAF/AFMC/AFRLPLEDED/Reference-Number-29601-02-R-0003/SynopsisP.html>

Deadline: 5/17/2002

14-5 Biomass Research and Development for the Production of Fuels, Power, Chemicals and other Economical and Sustainable Products (DOE)

DOE's Office of Energy Efficiency and Renewable Energy is soliciting applications for the development of novel technologies and processes that service the biomass industry broadly and will integrate the productions of biomass derived fuels, power, and chemicals and other products into economical, sustainable industrial biorefineries. Under this solicitation, DOE is seeking applications that: 1) overcome existing technical and economic barriers in the conversion of cellulosic feedstocks for the production of fuels (such as ethanol, bio diesel, 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. SOL 86382 (FBO 4/7/02)

URL: <http://www.eps.gov/spg/DOI/MMS/PO/86382/listing.html>

Deadline: 5/14/2002

14-6 Theoretical Research in Plasma and Fusion Science (DOE)

The Office of Fusion Energy Sciences (OFES) of the Office of Science (SC), U.S. Department of Energy (DOE), announces its interest in receiving grant applications for theoretical research relevant to the U.S. program in magnetic fusion energy sciences. The specific areas of interest are: 1) Magnetohydrodynamics and Stability; 2) Confinement and Transport; 3) Edge and Divertor Physics; 4) Plasma Heating and Non-inductive Current Drive; 5) Innovative/Integrating Concepts; and 6) Atomic and Molecular Processes in Plasmas. Notice 02-20
URL: <http://www.science.doe.gov/production/grants/Fr02-20.html>
Deadline: Letters of Intent 5/7/2002,
Applications 6/4/2002

14-7 Ultra High Performance Photonic Materials (AFRL)

Air Force Research Laboratory, (AFRL/MLPS) solicits research proposals for the effort Ultra High Performance Photonic Materials. The purpose of this research and development effort is to develop materials and processes for low power integrated optical devices such as switches, modulators, directional couplers, and multiplexers/demultiplexers. Research is needed to find thin film structures in which small, highly efficient optical devices can be integrated with silicon technology. PRDA-02-03-MLK (FBO 4/8/02)

URL: <http://www.eps.gov/spg/USAF/AFMC/AFRLWRS/PRDA-02-03-MLK/listing.html>

Deadline: 5/24/2002

14-8 Planning Grants for the Department-Level Reform of Undergraduate Engineering Education (NSF)

The Planning Grants for the Department-Level Reform of Undergraduate Engineering Education solicitation provides an opportunity for institutions to compete for planning grants to assist departmental and larger units in: Developing comprehensive plans to reformulate, streamline and update engineering technology degree programs; Developing new Curricula for emerging engineering disciplines, and meeting the emerging workforce and educational needs of U.S. industry. Each institution may submit only one proposal in response to this solicitation. Please contact Ted Knous, Associate Vice Pro-

vost for Research, 532-6195, tknous@ksu.edu, by April 29 if you are interested in submitting. NSF-02-091
URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02091>
Deadline: Internal 4/29/02, Proposals 6/4/2002

14-9 Bridges for Engineering Education (BEE) Planning Grants (NSF)

The Bridges for Engineering Education (BEE) Planning Grants solicitation is a collaborative effort between Directorate for Engineering and the Directorate for Education and Human Resources. This program provides an opportunity for institutions to compete for planning grants to develop proposals that improve: 1) The engineering content in K-12 education; 2) The pedagogy in undergraduate engineering; and 3) Engineering technology degree programs. Only one proposal per institution is allowed. Please call Ted Knous, Associate Vice Provost for Research, 532-6195, by April 29 if you are interested in submitting.

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02092>

Deadline: Internal 4/29/02; Proposals 6/4/2002

14-10 Exploratory Proposals for the Division of Design, Manufacture and Industrial Innovation (NSF)

The National Science Foundation's Division of Design, Manufacture and Industrial Innovation (DMII) is inviting exploratory proposals to promote peace and national security. Suitable topics are: Resource allocation optimization/ 2) System design for security; 3) Detection; 4) Response control; and 5) Prevention. This is a one-time-only invitation. NSF 02-052

URL: <http://www.nsf.gov/cgi-bin/getpub?nsf02052>

Deadline: 5/15/2002

HEALTH & LIFE SCIENCES

14-11 Basic AIDS Research Grants (AMFAR)

The American Foundation for AIDS Research (amfAR) is pleased to announce the availability of support for research projects in biomedical science relevant to HIV/AIDS. Research Grants provide direct costs of salaries for professional and technical personnel, laboratory supplies and equipment, travel, and the publication of findings. AMFAR Fellowships support the postdoctoral investigator with limited experience in the field of HIV/AIDS to redirect or to embark on a career in HIV/AIDS research. Short term travel grants support postdoctoral (M.D., or P.h.D., or equivalent) investigators affiliated with nonprofit organizations worldwide with up to U.S. \$5,000 for travel to and study or specialized training at another institution.

Deadline: Letters of Intent 5/7/2002

14-12 Prostate Cancer Research Funding Opportunities (DOD)

The Department of Defense is soliciting proposals for the Prostate Cancer Research Program which supports innovative research directed toward eliminating prostate cancer. Funding is available for: Postdoctoral Traineeship Awards; Health Disparity Training - Prostate Scholar Awards; Health Disparity Research - Prostate Scholar Awards; New Investigator Awards; and Idea Development Awards.

URL: <http://cdmrp.army.mil/funding/02pcrp1.htm>

Deadline: Letters of Intent 5/14/2002, Proposals 5/16/2002

14-13 Impact of Microbial Interactions on Infectious Diseases (NIH)

The Division of Microbiology and Infectious Diseases of the National Institute of Allergy and Infectious Diseases (NIAID) invites applications for research grants designed to develop innovative yet exploratory approaches that would contribute to our understanding of the mechanisms that impact on the virulence of infections involving two or more microorganisms or strains of microorganisms with the exception of HIV. Projects should include studies aimed at understanding the interactions of pathogens with the normal flora as well as the interactions among pathogens themselves, and how commensal organisms can be used to prevent or treat infections. AI-02-008 (NIHG 4/5/02)

URL: <http://grants.nih.gov/grants/guide/rrfa-files/rrfa-AI-02-008.html>

Deadline: Letters of Intent 5/21/2002; Applications 6/21/2002

SOCIAL SCIENCES

14-14 W.T. Grant Scholars Program (Grant)

The William T. Grant Foundation announces its annual competition for the W.T. Grant Scholars program which supports promising post-doctoral (but pre-tenure, tenure-track) scholars from diverse disciplines whose research deepens and broadens the knowledge base in areas that contribute to creating a society that values young people as a resource and helps them live up to their potential. Priority research areas are youth development; programs, policies and institutions affecting young people; and adult attitudes about and perceptions of young people, along with the consequences of those attitudes and perceptions. Only one candidate can be nominated in one year from any major division of a university. Please contact Ted Knous, Associate Vice Provost for Research, 532-6195, tknous@ksu.edu, by May 1 if you are interested in making a nomination.

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

Deadline: Internal 5/1/02; 7/1/2002

14-15 Family Support Model

Demonstrations (HHS)

The Health & Human Services Department's Administration on Developmental Disabilities is inviting applications for model family support demonstration projects to promote development of consumer-centers and directed systems for families of children with disabilities. Activities include establishing or expanding statewide support systems for families of children with disabilities, including a state policy council. Funds pay for data collection, pilot demonstration projects to test new approaches and designing evaluation systems to measure outcomes. (FR 3/26/02)

URL: <http://www.acf.dhhs.gov/programs/add>

Deadline: 5/28/2002

14-16 Senior Companion Programs (CNS)

The Corporation for National and Community Service is seeking applications for senior companion projects and foster grandparent projects located in geographic areas that are not currently served by the program. The Senior Companion program provides opportunities for income-eligible individuals age 60 and older to serve adults with special needs. The Foster Grandparent program provides opportunities for individuals age 60 and older to serve children and youths with special or exceptional needs on a person-to-person basis. The corporation especially encourages applicants to include appropriate activities in support of homeland security in such areas as public safety, public health and disaster preparedness and relief. (FR 3/25/02)

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

Deadline: 5/31/2002

R. W. Trewyn, Vice Provost for Research & Dean of the Graduate School

Ted Knous, Associate Vice Provost, Tech Transfer and Research

Yvonne Bachura, Secretary

Jim Guikema, Associate Vice Provost, Graduate Research

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Anita Fahmy, Assistant Director

Kathy Tilley, Lisa Duer, Carole Lovin, Rich Doan, Rex Goff, Dawn Caldwell, Cheryl Brooks

Information Specialist & Editor
Beverly Page

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Congressional Relations
Sue Peterson, R. W. Trewyn