

Funding Bulletin

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

February 21, 2005

Vol. 14, No. 7

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

7-1 Assembling the Tree of Life (ATOL) (NSF)

Phylogeny, the genealogical map for all lineages of life on earth, provides an overall framework to facilitate information retrieval and biological prediction. Currently, single investigators or small teams of researchers are studying the evolutionary pathways of heredity, usually concentrating on phylogenetic groups of modest size. Assembly of a framework phylogeny, or Tree of Life, for all 1.7 million described species requires a greatly magnified effort by large teams working across institutions and disciplines. The National Science Foundation announces its intention to continue support of multidisciplinary teams to conduct creative and innovative research that will resolve phylogenetic relationships for large groups of organisms on the Tree of Life. Teams of investigators also will be supported for projects in data acquisition, analysis, algorithm development and dissemination in computational phylogenetics and phyoinformatics. NSF 05-523 (Posted 11/18/04)
URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05523>
Deadline: 3/28/2005

7-2 Information and Intelligent Systems (NSF)

NSF's Division of Information and Intelligent Systems is seeking proposals that describe ambitious research and/or education projects that will extend the state-of-the-art in: Collaborative Systems: systems that enable collaboration between a person and either machines or other people in acquiring, representing, organizing, archiving, protecting, accessing and communicating information, and; Robust Intelligence: systems with robust and flexible intelligence, capable of perceiving, reasoning, learning and interacting with their environment. Additionally, the Division is seeking research and/or education proposals that use or extend Collaborative Systems and Robust Intelligence theories or methods and apply them in three application areas: Universal Access: to increase access to information and systems by users, such as the vision-impaired or the elderly, whose needs are often not met in traditional systems.; Digital Government: to improve access to information and ser-

vices provided by governmental entities; as well as the workings of governments.; Digital Libraries and Archives: to represent, store and access information from curated digital libraries and archives. NSF 05-551 (Posted 2/1/05)
URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05551
Deadline: 5/3/2005, 5/5/2005

7-3 Investigator Initiated Grants (EPA)

The Environmental Protection Agency invites investigator-initiated proposals in a broad range of agency-specific and interagency environment related interest areas. EPA invites proposals under 20 program announcements that cover research topics from early indicators of environmentally induced disease and computational toxicology to lifestyle and cultural practices of tribal populations and related risks from toxic substances in the environment and graduate and undergraduate fellowships. Deadlines vary by research area. (FR 2/9/05)
URL: <http://www.epa.gov/ncer>
Deadline: Varies

7-4 Regional Environmental Monitoring and Assessment Program Research Projects (EPA)

The Regional Environmental Monitoring and Assessment Program (REMAP) supports research projects within each of EPA's Regions, which provide states and tribes with tools to collect and provide data that can be consolidated into the national effort to report on environmental resources. Projects are to be consistent with U.S. EPA's Environmental Monitoring and Assessment Program's (EMAP) probabilistic design to assess the condition of the Nation's ecological resources. This solicitation calls for applications for one to two year Cooperative Agreements to support state, local, and tribal monitoring needs which are consistent with EMAP's nationwide goals. CFDA #66.512 (RFA 1/20/05)
URL: <http://www.epa.gov/emap/remap>
Deadline: 3/14/2005

AGRICULTURE

7-5 Kansas WRAPS Projects (KDHE)

The Kansas Clean Waters System is now accepting new proposals for Kansas WRAPS projects. Proposals must address one or more of the following states of the WRAPS process: 1) Development; 2) Assessment; 3) Planning; and 4) Implementation.
URL: <http://www.kdhe.state.ks.us/nps/index.html>
Deadline: 3/31/2005

BUSINESS

7-6 Assets for Independence (OCS)

The Health and Human Services Department's Office of Community Services is soliciting applications to administer Assets for Independence projects, designed to help low-income people become economically self-sufficient. Projects may involve schools, colleges and universities; community development corporations; financial institutions; faith-based and community organizations; state and local government agencies; service and fraternal organizations; and consortia. Grantees teach project participants about economic and consumer issues and enable them to establish matched savings accounts to put money away for a first home, a business or higher education. HHS-2005-ACF-OCS-EI-0053 (FR 2/9/05)
URL: <http://www.acf.hhs.gov/assetbuilding/>
Deadline: 3/15/2005, 6/15/2005, 1/1/2005

7-7 Investor Education (NASD)

The NASD Investor Education Foundation, in partnership with the National Endowment for Financial Education, invites proposals for research projects or education programs to teach young adults about to enter the workforce—primarily graduating high school and college seniors—how to prepare for retirement and meet other investing goals. Eligible applicants are nonprofit colleges and universities and tax-exempt 501 (c) (3) organizations. Successful proposals will include a literature search, surveys or focus groups of young people who are about to embark on work to identify potential 'teachable moments' for investor education.
URL: <http://www.nasdfoundation.org>
Deadline: 4/13/2005

EDUCATION

7-8 Early Childhood Educator Professional Development Program (ED)

The purpose of the Early Childhood Educator Professional Development (ECEPD) program is to enhance the school readiness of young children, particularly disadvantaged young children, and to prevent them from encountering difficulties once they enter school, by improving the knowledge and skills of early childhood educators who work in communities that have high concentrations of children living in poverty. CFDA #84.349A (FR 4/7/05)
URL: <http://www.ed.gov/news/fedregister>
Deadline: 4/22/2005

7-9 Partnerships for Learning (STATE)

The State Department's Bureau of Educational and Cultural Affairs invites applications for three to four week youth leadership projects for 18 secondary school students and teachers from Bosnia and Herzegovina. Applicants should outline their capacity for doing projects focusing on three areas of competency: providing leadership and civic education programming; age-appropriate programming for youth; and work with individuals from Bosnia-Herzegovina or other areas that have experienced conflict and/or are emerging democracies. (FR 1/27/05)

<http://exchanges.state.gov/education/rfgps/menu.htm>

Deadline: 3/24/2005

7-10 Thematic Youth Projects (STATE)

The State Department's Bureau of Educational and Cultural Affairs seeks applications for projects under the P4L Thematic Youth Projects Initiative: Linking Individuals, Knowledge and Culture. The program is designed to develop a sense of civic responsibility and commitment through exchanges of youths from the United States and countries with significant Muslim populations; promote mutual understanding; and foster personal institutional ties. Projects involve reciprocal exchanges of three to six weeks of youth participants ages 15 to 17 focused on one of three themes: religion, community, education and political process; governance, accountability and transparency in civil society; and conflict prevention and management. ECA/PE/C/PY-05-24 (FR 1/27/05)

[URL: http://exchanges.state.gov/education/rfgps/menu.htm](http://exchanges.state.gov/education/rfgps/menu.htm)

Deadline: 3/24/2005

7-11 Graduate Teaching Fellows in K-12 Education (GK-12) (NSF)

The National Science Foundation supports fellowships and associated training that enable graduate students in NSF-supported science, technology, engineering, and mathematics (STEM) disciplines to acquire additional skills that will broadly prepare them for professional and scientific careers in the 21st century. Through interactions with teachers in K-12 schools, graduate students can improve communication and teaching skills while enriching STEM instruction in K-12 schools. In addition, the GK-12 program provides institutions of higher education with an opportunity to make a permanent change in their graduate programs by including partnerships with K-12 schools in a manner that is of mutual benefit to their faculties and students. There is a limit of one proposal per institution. Please contact Jim Guikema, 532-6195, guikema@ksu.edu, by March 15 if you wish to apply for this program. NSF 05-553 (Posted 2/7/05)

[URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05553](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf05553)

Deadline: Internal 3/15/2005; Letters of Intent 4/2005; Proposals 6/2/2005

7-12 Indian Education Professional Development (ED)

The Education Department solicits applications for professional development programs to: 1) increase the number of Native Americans that provide education and related services to American Indians; 2) provide training to qualified Indian individuals to become teachers, administrators, teacher aides, social workers, and ancillary educational personnel; and 3) improve the skills of qualified Indian individuals who serve in the education field. CFDA 84.299B (FR 1/31/05)

[URL: http://www.ed.gov/news/fedregister](http://www.ed.gov/news/fedregister)
Deadline: 3/17/2005

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

7-13 Multiscale Mathematics Research/Education (DOE)

The Energy Department invites applications for multiscale mathematics research and innovative approaches to educating computational scientists in using multiscale mathematics. The program focuses on applied research related to atomic to macroscopic mathematics as a way to break through current barriers in understanding complex nonlinear physical processes that occur on a wide range of interacting length and time scales. DE-FG01-05ER05-16

[URL: http://www.science.doe.gov/grants](http://www.science.doe.gov/grants)
Deadline: 3/28/2005

7-14 Early Career Principal Investigator Program in Applied Mathematics, Computer Science, and High-Performance Networks (DOE)

The Office of Advanced Scientific Computing Research) of the Office of Science, U.S. Department of Energy, announces its interest in receiving grant applications in support of its Early Career Principal Investigator Program. The purpose of this program is to support research in applied mathematics, computer science, and high-performance networks performed by exceptionally talented scientists and engineers early in their careers. DE-FG01-05ER05-17 (FG 2/3/05)

[URL: http://e-center.doe.gov/iips/faopor.nsf/ViewMenu?ReadForm](http://e-center.doe.gov/iips/faopor.nsf/ViewMenu?ReadForm)
Deadline: 3/15/2005

HEALTH & LIFE SCIENCE

7-15 Consequences of Drug Abuse and Alcohol Exposure on Brain and Behavioral Development (NIH)

This RFA requests research on the consequences of drug and alcohol use, abuse, and addiction on human brain and behavioral development. Considerable research has demonstrated that drugs of abuse affect many brain areas and many behavioral domains. However, relatively little is known about drug effects on brain and

behavioral development per se. Research proposed in response to this RFA directed toward NIDA's mission may propose investigations of the behavioral or neurobiological effects of abused drugs at any time during development. NIAAA seeks research specifically on the consequences of adolescent alcohol abuse and dependence. RFA-DA-05-007 (NIHG 2/4/05)

[URL: http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-05-007.html](http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-05-007.html)

Deadline: Letters of Intent 3/18/2005; Applications 4/18/2005

SOCIAL SCIENCES

7-16 Secondary School Alcohol Abuse Prevention (ED)

The Education Department invites applications to develop and implement innovative and effective programs to reduce alcohol use/abuse in secondary schools. Local education agencies are eligible for activities that include one or more of the proven strategies for reducing underage alcohol abuse as determined by the Substance Abuse and Mental Health Services Administration (SAMHSA). CFDA 84.184A (FR 2/9/05)

[URL: http://www.ed.gov/news/fedregister](http://www.ed.gov/news/fedregister)
Deadline: 3/28/2005

7-17 Prevention of High-Risk Drinking or Violence Among College Students (ED)

The Education Department's Office of Safe and Drug-Free Schools seeks applications to prevent high-risk drinking and violent behavior among college students. ED will fund projects in one of two categories: to develop, enhance, implement and evaluate campus and community strategies to prevent high-risk drinking among college students or prevent violent behavior among college students. CFDA 84.184H (FR 2/8/05)

[URL: http://www.ed.gov/news/fedregister](http://www.ed.gov/news/fedregister)
Deadline: 3/25/2005

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

Jim Guikema, Associate Vice Provost, Graduate Research

Caron Boyce, Administrative Specialist

Preaward Section

Paul Lowe, Director

Anita Fahmy, Assistant Director

Kathy Tilley, Carole Lovin, Rich Doan, Carmen Garcia, Dorothy Doan, Rex Goff, Dawn Caldwell, Leah Matteson

Information Specialist & Editor

Beverly Page

Human Subjects, Animal Care & Use, and Biosafety

Gerald P. Jaax, Research Compliance Officer

Alissa Ross, Administrative Specialist

Congressional Relations

Sue Peterson, R. W. Trewyn