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Research News & Reviews

NIH Reduces Temporary “Error Correction Window” for Electronic Grant Applications from Five Business Days to Two

NIH will reduce the “error correction window” (i.e. the time allowed after the submission deadline to address NIH system identified errors/warnings) from five (5) business days to two (2) business days for all electronically submitted grant applications with submission deadlines on or after January 8, 2008.

This change will mean that electronic applications will be considered “on-time” if all of the following criteria are met:

- All required registrations must be complete prior to the initial submission.
- Initial successful submission to Grants.gov must have a timestamp on/before 5:00 p.m. local time of the applicant organization on the receipt date.
- Applicants must correct errors and/or warnings within the **two business days** following the receipt date (referred to as the “error correction window”).
- All application corrections must be in response to a system-identified error/warning (application submissions with additional changes may be refused).
- If final submission is sent after the receipt date, a cover letter attachment must be included identifying the system-identified errors/warnings that have been corrected.

The two business days provided to view the assembled application image in eRA Commons will remain unchanged.

It is NIH’s ultimate goal to define “on-time” submission as having an error-free application (i.e., passes Grants.gov and eRA Commons system-enforced business rules without errors) with a Grants.gov timestamp on/before 5:00 p.m. local time of the applicant organization on the receipt date. The “error correction window” allowed applicants to adjust to the system-enforced business rules and ensured that Grants.gov and NIH system processing times did not interfere with successful submission. Progress on both fronts allows us to close this window which helps speed up the process of getting the applications in to review and ultimately award.

NIH now receives 80% of its applications electronically through Grants.gov using the SF424 (R&R) form set. Experience and system improvements have led to a significant rise in the number of applicants that successfully complete the submission process within two attempts. Over 93% of applicants submitting to the November 5, 2007 R01 receipt date successfully completed the process within two submission attempts. We also have measured dramatic improvements in Grants.gov and NIH response times so applicants can now quickly turn around any needed error corrections.

NIH remains committed to ensuring applicants are not penalized for Grants.gov or NIH system issues that are beyond their control and has contingency plans in place to handle those situations. The “error correction window” is a separate concept and has no effect on the contingency policies. ■



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HUMAN SUBJECTS PROTECTION IN RESEARCH

Frequently Asked Questions

1. WHY SHOULD I BE CONCERNED ABOUT A BOUT THE PROTECTION OF HUMAN SUBJECTS?

It is the ethical thing to do, and it is mandated by Federal Regulations, 45 CFR 46.

2. WHAT ETHICAL PRINCIPLES GUIDE THE PROTECTION OF HUMAN SUBJECTS?

Three basic principles of ethics particularly relevant to the protection of human subjects in biomedical, social and behavioral research are articulated in *The Belmont Report*:

- (a) Respect for Persons: recognition of the personal dignity and autonomy of human research subjects and the need for special protections of subjects with diminished autonomy, such as children, or prisoners;
- (b) Beneficence: obligation to protect subjects from harm by maximizing anticipated benefits and minimizing possible risks;
- (c) Justice: fairness in the distribution of benefits and burdens of research.

3. WHAT ARE THE MAJOR REQUIREMENTS OF 45 CFR 46?

The regulations require institutions conducting research involving human subjects to establish Institutional Review Boards (IRBs). IRBs review research (biomedical, social or behavioral) prospectively from the viewpoint of protecting the rights and safeguarding the welfare of human research subjects.

4. HOW DOES THE IRB PROTECT THE RIGHTS AND WELFARE OF HUMAN RESEARCH SUBJECTS?

The IRB prospectively reviews all research involving human subjects using the following criteria: (a) the design of the study is consistent with sound scientific principles and ethical norms; (b) the protocol meets the NIH FWA criteria necessary for approval; (c) the necessary elements of informed consent have been fulfilled; and (d) additional appropriate safe guards have been provided if potentially vulnerable subjects (e.g., children, prisoners, and fetuses) are to be studied.

In addition, the IRB conducts continuing review of each approved protocol at least annually. The IRB may modify, suspend or terminate approval of research that has been associated with serious harm to subjects, or is not being conducted in accordance with the IRB's decisions, stipulations or requirements. Committee membership is diverse with expertise in the sciences, ethics, and other non-scientific areas, thereby fostering a comprehensive approach to the protection of human subjects.

5. WHAT ACTIVITIES QUALIFY AS HUMAN SUBJECTS RESEARCH?

Simply stated, "any systematic attempt to collect information and gain generalizable knowledge about humans" would qualify. Federal Regulations 45 CFR 46 define research as "a systematic investigation, including research development, testing, evaluation, designed to develop or contribute to generalizable knowledge", and they define human subject as "a living individual, about whom the investigator (whether professional or student) conducting research obtains (1) data through intervention or interaction with the individual, or (2) identifiable private information.

6. DOES MSU HAVE AN IRB?

Yes, Morgan State University has an IRB. The current chairperson of the IRB is Dr. Anna McPhatter; she can be reached at x3537. The IRB Administrator is Dr. Edet Isuk; he can be reached at x3447.



(Continued on page 3)

Funding Alert | *continued*

Deadline Date(s): Continuous. Fellowships are awarded throughout the year.

Sponsor Name: European Molecular Biology Organization (EMBO)

Program Title: Short-Term Fellowships

Contact: Agnès Visser-de Matteis, 49 6221-8891-115, email: fellowships@embo.org

Website: <http://www.embo.org/fellowships/>

Synopsis: The European Molecular Biology Organization (EMBO) established the Short-Term Fellowships scheme to advance molecular biology research by helping scientists to visit another laboratory with a view to applying a technique not available in the home laboratory. Short-term fellowships are only provided for exchanges between two European Molecular Biology Conference (EMBC) member states and are not awarded for exchanges between two laboratories within the same country. Short-term fellowships are intended for joint research work rather than consultations.

Deadline Date(s): Continuous. Proposals are accepted throughout the year.

Sponsor Name: Kellogg Foundation

Program Title: Youth and Education Grants

Contact: Battle Creek, (269) 968-1611

Website: <http://fundingopps.cos.com/cgi-bin/getRec?id=3578>

Synopsis: The goal of Youth and Education Programming is to support healthy infant, child, and youth development by mobilizing, strengthening, and aligning systems that affect children's learning. The strategies are to mobilize youth, families, and communities to inform policies that affect learning and achievement for vulnerable children and youth; and to forge partnerships between education institutions and communities to promote learning, academic performance, and workforce preparation among vulnerable young people.

Deadline Date(s): 9/21/2008

Sponsor Name: United States Department of Education (ED)

Program Title: Research Fellowships - 84.133F

Contact: Donna Nangle, (202) 245-7462

Website: <http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/E7-14179.htm>

Synopsis: The purpose of this program is to build research capacity by providing support to highly qualified individuals, including those who are individuals with disabilities, to perform research on the rehabilitation of individuals with disabilities.

Deadline Date(s): 05/01/2008

Sponsor Name: National Endowment for the Humanities (NEH)

Program Title: Fellowships and Faculty Research Awards

Contact: (202) 606-8200, email: fellowships@neh.gov

Website: <http://www.neh.gov/grants/guidelines/fellowships.html>

Synopsis: Fellowships and Faculty Research Awards support individuals pursuing advanced research in the humanities that contributes to scholarly knowledge or to the general public's understanding of the humanities. Recipients usually produce scholarly articles, monographs on specialized subjects, books on broad topics, archaeological site reports, translations, editions, or other scholarly tools. Fellowships support full-time work on a humanities project for a period of six to twelve months.

Funding Alert *continued*

Deadline Date(s): 12/5/2008
Sponsor Name: Ethiopia USAID-Addis Ababa
Program Title: Care Services for HIV - Infected Orphans and Vulnerable Children (OVC) in Ethiopia
Contact: Marie-Claire Sow, (202) 216-6203 ext. 421, email: mcsow@usaid.gov
Website: <http://www07.grants.gov/search>
Synopsis: The purpose of this Annual Program Statement (APS) is to solicit applications for funding from prospective new partners to support implementation of the United States Government's President's Emergency Plan for AIDS Relief (hereafter referred to as Emergency Plan or also referred to as PEPFAR) in Ethiopia. The United States Government, through USAID/Ethiopia, is seeking, from prospective partners, concept papers to be followed by full applications (if concept papers are selected) to implement activities in support of the HIV-infected and affected Orphans and Vulnerable Children (OVC).

Deadline Date(s): 03/31/2008
Sponsor Name: Bureau of Justice Statistics
Program Title: 2008 State Justice Statistics Program
Contact: Lisa Price-Grear, (202) 616-3561
Website: <http://www.ojp.usdoj.gov/bjs/pub/pdf/sjsac08sol.pdf>
Synopsis: The State Justice Statistics Program is designed to maintain and enhance each State's capacity to address criminal justice issues through collection and analysis of data. The program provides limited funds to coordinate statistical activities within the State, conduct research as needed to estimate impacts of legislative and policy changes, and serve a liaison role in assisting BJS to gather data from respondent agencies within their States. Each application for funding under this program must identify the participating organizations in the State and the particular issues to be addressed. Each year, BJS announces specific topics for analysis and encourages applicants to give careful consideration to planning activities that fit within one or more of the designated topics.

Deadline Date(s): 03/05/2008
Sponsor Name: National Institute of Justice
Program Title: NIJ FY08 Crime and Justice Research
Contact: 800-458-0786
Website: <http://www.ncjrs.gov/pdffiles1/nij/sl000820.pdf>
Synopsis: The National Institute of Justice (NIJ) is the research, development, and evaluation agency of the U.S. Department of Justice (DOJ) and a component of the Office of Justice Programs (OJP). NIJ provides objective, independent, evidence-based knowledge and tools to enhance the administration of justice and public safety. NIJ solicits applications to inform its search for the knowledge and tools to guide policy and practice. NIJ is seeking applications for funding of social and behavioral research on, and evaluations related to, crime and justice topics relevant to State and/or local criminal and juvenile justice policy and practice.

Deadline Date(s): 04/20/2008, 08/21/2008, 12/22/2008
Sponsor Name: National Institutes of Health (NIH), National Cancer Institute (NCI)
Program Title: Small Grants for Behavioral Research in Cancer Control (R03)
Contact: Crystal Wolfrey, (301) 496-8634, email: crystal.wolfrey@nih.gov
Website: <http://grants1.nih.gov/grants/guide/pa-files/PAR-06-458.html>
Synopsis: The objective of the National Cancer Institute (NCI) Small Grants Program for Behavioral Research in Cancer Control is to provide support for new investigators or established scientists refocusing their research interests to behavioral research in cancer control. The award is designed to aid and facilitate the growth of a nationwide cohort of scientists with a high level of research expertise in behavioral cancer control research.

NSF FY 2008 FUNDING *for* HUMAN and SOCIAL DYNAMICS (HSD)

The National Science Foundation's (NSF) fiscal year 2008 budget provides funding for the Human and Social Dynamics (HSD) area, as one of nine NSF-wide investment areas. According to the Foundation, the HSD area supports multidisciplinary studies for understanding change in human and social systems and their environments.

HSD focuses on human beings, with special attention to both individual behavior and cognition and to groups, organizations, societies, and institutions, as they influence and are affected by changes in social and physical environments. It offers opportunities for fruitful cross-disciplinary collaborations that link researchers from the social, behavioral and economic sciences, with those from the physical and mathematical sciences and engineering.

In FY 2008, NSF plans to invest \$37.95 million on Human and Social Dynamics. Priority areas of research interest include dynamics of human behavior; decision making, risk and uncertainty; and agents of change. ■



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HUMAN SUBJECTS PROTECTION IN RESEARCH

7. DOES MSU'S IRB HAVE A FEDERAL WIDE ASSURANCE NUMBER (FWA)?

Yes, all IRB's registered with the NIH Office for Human Research Protections (OHRP) must obtain an approved assurance number. MSU's assurance number is **FWA 00003318**

8. HOW DO I KNOW IF MY STUDY NEEDS TO BE REVIEWED BY THE IRB?

Most studies conducted by MSU faculty, students or administrators will need to be reviewed by the IRB if human subjects or participants are involved. This provides protection for the participants, the researcher and the institution. If you are not sure, contact the IRB administrator (Dr. Isuk).

9. WHAT MATERIALS DO I NEED TO SUBMIT TO THE IRB?

Submit your packet to the IRB administrator including the following:

- Completed and signed "Human Subjects Application Form";
- Project summary;

Frequently Asked Questions

- Research protocol;
- Informed consent form; assent form; debriefing form
- Questionnaires, interview questions, tests, etc.



10. HOW LONG DOES THE APPROVAL PROCESS TAKE?

The IRB generally meets monthly and applications must be submitted to the IRB administrator at least THREE weeks prior to the monthly meeting. Late applications will be reviewed in the subsequent meeting. IRB meeting dates and the corresponding deadlines for submitting applications during the academic year are published on the OSPR website. Please call x3447 if you need a hard copy of the schedule.

11. I HAVE MORE QUESTIONS THAT HAVE NOT BEEN ANSWERED HERE. WHAT SHOULD I DO?

Contact the IRB Administrator, Dr. Edet Isuk at x3447, eisuk@moac.morgan.edu ■



Recent Awards

To Support Research, Training and/or Program Development

For the Period Ending 12/31/2007



\$174,506-Business & Management
NOAA, Sub Agreement with FAMU
“Environmental Cooperative Science Center”

Dr. Anthony Wilbon

\$121,061-Science
Kennedy Krieger Research Institute
“Neurobiologic Origins & Innovative Treatment of Autism”

Dr. Christine Hohmann

\$30,000-Engineering
U.S. Army Research Lab
“Integration of High-Performance Electronic Components in Digital-Based Radar and Antenna Systems”

Dr. Gregory Wilkins

\$125,790-Engineering
NSF
“Engineering Research Center Computer Integrated Surgical Systems and Technology”

Dr. LeeRoy Bronner

\$10,000-Graduate
David & Lucile Parkard Advancing Science Serving Services
“Scholarship Grant for Clyde Clark”

\$21,000-Graduate
Education Testing Service
“Educational Testing Service Research Assistantship”

Dr. Maurice Taylor

\$50,000-Finance & Management
Department of Education
“Federal Job Location & Development Programs”

Dr. Nigel Edwards

\$10,000-Education & Urban Studies
U.S. Medical Research ACQ Activity, U.S. Army Garrison Fort Detrick
“Family Advocacy Program Social Work Students FAO Intern Service Base Academic Year”

Dr. Anna McPhatter

\$1,313,849-Finance & Management
MD Higher Education Commission
“HBCU Enhancement Funds”

Mr. Abraham Moore

\$5,000-Liberal Arts
Northrop Grumman
“The White House Initiative for the Historically Black Colleges, Universities”

Dr. Eric Conway

\$97,650-Engineering
Department of Energy
“DOE Chair of Excellence Professorship in Environmental Disciplines”

Dr. Donald Helm

\$30,037-Business & Management
Sub agreement with JHU-DHS via ONR
“DHS Sponsored National Center for the Study of Preparedness and Catastrophic Event Response”

Dr. Jigish Zaveri

\$394,351-Public Health
DHHS/NIH/National Institute on Drug Abuse
“The Center for the Study and Prevention of Drug Use”

Dr. Fernando Wagner

\$293,573-Public Health
DHHS/NIH
“Morgan State University-Public Health Program CAM Research Training Program”

\$30,000-Public Health
NIH
“Obesity Through the Life Cycle”

Dr. Yvonne Bronner

\$50,000-Engineering
State Highway Administration
“GIS Recurring Congestion”

Dr. Anthony Saka

\$23,000-Public Health
HDSL Community-Campus Partnerships for Health
“Health Disparities Service-Learning Collaborative”

\$22,360-Public Health
Maryland Judicial Center, Subaward between University of MD College Park & MSU

“FY 08 Assistance to Maryland Judiciary”

Dr. Isidore Obot

\$14,400-Engineering
State Highway Administration
“Morgan State Summer Internship Program”

Dr. Andrew Farkas

\$317,967-Liberal arts
Department of Health & Human Services
“Accelerating Baltimore Children’s Development Through Education”

Dr. Anita Pandey

\$54,000-Public health
DHHS/NIH/National Institute on Drug Abuse

“Barriers to HIV Testing Among Residents of a High Risk African American”

Dr. Lindsay Beane

\$120,206-Public Health
DHHS, Subcontract between Morehouse College and MSU
“The New Minority Males Consortium for the Study of Male Health Project”

Dr. Anita Hawkins

\$24,920-Engineering
National Science Foundation
“Collaborative Research: ARTSI: Advancing Robotics for Societal Impact”

\$16,500-Engineering
National Science Foundation
“Robotics Initiative in Engineering Education”

Dr. Keith Hargrove

\$43,317-Public Health
Sub agreement with JHU-DHS via ONR
“Preparedness and Catastrophic Event Response (PACER) E1: Higher Education”

\$22,518-Public Health
Sub agreement with JHU-DHS via ONR
“DHS Sponsored National Center for the Study of Preparedness and Catastrophic Event Response (PACER) E4: Under-served Populations”

\$29,995-Public Health
Sub agreement with JHU-DHS via ONR
“DHS Sponsored National Center for the Study of Preparedness and Catastrophic Event Response (PACER) B1: Surge Capacity Networks”

Dr. Randy Rowel

Funding Alert *continued*

Deadline Date(s): 12/9/2008

Sponsor Name: Environmental Protection Agency

Program Title: Broad Agency Announcement for Conferences, Workshops, and/or Meetings

Contact:: Bernice L. Smith, (202) 343-9766, email: smith.bernicel@epa.gov

Website: http://es.epa.gov/ncer/rfa/2008/2008_baa.html

Synopsis: The U.S. Environmental Protection Agency (EPA) is issuing this Broad Agency Announcement (BAA) soliciting applications from eligible applicants for the planning, arranging, administering and/or conducting of conferences, workshops, and/or meetings (hereinafter referred to as “conferences”) that focus on research to protect human health and safeguard the environment. Specifically, EPA is interested in supporting scientific and technical research conferences that address the following research program areas: (1) human health; (2) ecosystems; water and security; (3) economics and sustainability; (4) air and global climate change; and (5) technology. This BAA is open from December 10, 2007 through December 9, 2008.

Deadline Date(s): 06/02/2008

Sponsor Name: National Archives and Records Administration

Program Title: Professional Development Grants for Archives and Historical Publishing

Contact:: David Davis, (202)357-5022, email: david.davis@nara.gov

Website: <http://www.archives.gov/nhprc/announcement/development.html>

Synopsis: The National Historical Publications and Records Commission seeks proposals designed to improve the training and education of professionals in the archival and historical publishing communities. Projects can be for professional education curriculum development; for basic and advanced institutes; or research seminars. Surveys, focus groups, and other activities to understand these professions and their educational and training needs are also eligible. This program does not support requests from individuals for their own training, education, or professional advancement.

Deadline Date(s): 04/09/2008

Sponsor Name: National Endowment for the Humanities

Program Title: Institutes for Advanced Topics in the Digital Humanities

Contact:: NEH Digital Humanities Initiative (DHI), 1-866-372-2930, email: dhi@neh.gov.

Website: <http://www.neh.gov/grants/guidelines/IATDH.html>

Synopsis: As part of the Endowment-wide Digital Humanities Initiative, these grants support national or regional (multi-state) research and training programs on approaches in humanities computing. Through these programs, the NEH seeks to increase the number of humanities scholars using digital technology in their research and broadly disseminate knowledge about advanced technology applications relevant to the humanities.

Deadline Date(s): 06/18/2008

Sponsor Name: US Agency for International Development

Program Title: Annual Program Statement on Gender-Based Violence

Contact:: Albert Moesle, (202) 712-4991, email: amoesle@usaid.gov

Website: <http://www07.grants.gov/search/search.do;jsessionid>

Synopsis: The purpose of this Annual Program Statement (APS) is to solicit applications for funding. The United States Government, through USAID, is seeking full applications from prospective partners to implement activities in support of creative and timely responses to encourage the abandonment of traditional practices that promote and condone gender-based violence. USAID is specifically interested in those traditional harmful practices that have received limited attention from the development community. The geographic focus under consideration is USAID’s geographic definitions of Africa and Asia & the Near East (ANE).

Funding Alert

continued

Deadline Date(s): 09/14/2008
Sponsor Name: DARPA - Microsystems Technology Office
Program Title: Young Faculty Award (YFA)
Contact: Thomas Kenny, Ph.D., Fax: (703) 741-0079
Websites: <http://www07.grants.gov/search/search.do;jsessionid>
Synopsis: This Research Announcement offers a venue by which research ideas proposed by young faculty can be sponsored and promoted within the Microsystems Technology Office (MTO) at DARPA. The Young Faculty Award (YFA) is expected to provide MTO with revolutionary research ideas that are critical to future technology developments. This solicitation is for single-author grant proposals for concept development and validation in one, or combinations of, the following thrust areas of interest to MTO: 1) electronics, 2) photonics, 3) micro and nano electro mechanical systems (MEMS/NEMS), 4) architectures, and 5) algorithms. Proposers must select one of these thrust areas for their proposal and identify this thrust on the cover page.

Deadline Date(s): 09/30/2008
Sponsor Name: Dept. of the Army – USAMRAA
Program Title: US Army Medical Research and Materiel Command Broad Agency Announcement
Contact: Rebecca Tama, (301)619-2381
Websites: <http://www.usamraa.army.mil/pages/index.cfm>
Synopsis: The USAMRMC's mission is to provide solutions to medical problems of importance to the American warfighter at home and abroad. The scope of this effort and the priorities attached to specific projects are influenced by changes in military and civilian medical science and technology, operational requirements, military threat assessments, and national defense strategies. The extramural research and development program plays a vital role in the fulfillment of the objectives established by the Command.

Deadline Date(s): 9/30/2008
Sponsor Name: Department of Energy, Chicago Service Center
Program Title: Annual Notice Submission of Renewal and Supplemental Applications for Office of Science Grants and Cooperative Agreements
Contact: Marilyn Oyler, (301) 903-4946, email: Martin.Rubinstein@science.doe.gov
Website: <https://e-center.doe.gov/iips/faopor.nsf/UNID/DEF4C779762FDADC852573690047A7EC?>
Synopsis: The Office of Science (SC) of the Department of Energy (DOE) hereby announces its continuing interest in receiving renewal and supplemental grant and cooperative agreement applications for support of work in the following program areas: Basic Energy Sciences, High Energy Physics, Nuclear Physics, Advanced Scientific Computing Research, Fusion Energy Sciences, Biological and Environmental Research, and Planning and Analysis.

Deadline Date(s): 09/06/2008
Sponsor Name: Air Force – Research Lab
Program Title: Affordable Sensor Technology Development (ASTD)
Contact: Paul Smith, (937) 255-3379, Fax (937) 255-8100, email: paul.smith@wpafb.af.mil
Websites: <http://www07.grants.gov/search/search.do;jsessionid>
Synopsis: The Affordable Sensor Technology Development (ASTD) Program is an effort to develop advanced, revolutionary and innovative radio frequency (RF), microwave and millimeter wave sensor technologies addressing space based, airborne, Unmanned Air Vehicle (UAV) and ground based applications. Emerging electronically scanned apertures, including the digitization of the microwave signals, will permit an order of magnitude increase in sensor performance.

Funding Alert

Deadline Date(s): 09/15/2008
Sponsor Name: National Science Foundation
Program Title: Documenting Endangered Languages: An Interagency Partnership (DEL)
Contact: Douglas Whalen, (703) 292-7321, email: dwhalen@nsf.gov
Website: <http://www.nsf.gov/pubs/2006/nsf06577/nsf06577.htm>
Synopsis: This multi-year funding partnership between the National Science Foundation (NSF) and the National Endowment for the Humanities (NEH) supports projects to develop and advance knowledge concerning endangered human languages. Made urgent by the imminent death of an estimated half of the 6000-7000 currently used human languages, this effort aims also to exploit advances in information technology. Funding will support fieldwork and other activities relevant to recording, documenting, and archiving endangered languages, including the preparation of lexicons, grammars, text samples, and databases.

Deadline Date(s): 06/23/2008
Sponsor Name: National Science Foundation
Program Title: Chemistry Research Instrumentation and Facilities: Departmental Multi-User Instrumentation (CRIF:MU)
Contact: Wade Sisk, 1055, (703) 292-4454, email: wsisk@nsf.gov
Website: <http://www.nsf.gov/pubs/2007/nsf07552/nsf07552.htm>
Synopsis: The Chemistry Research Instrumentation and Facilities Program (CRIF) is structured to enable the National Science Foundation's Division of Chemistry to respond to a variety of needs for infrastructure that promotes research and education in areas traditionally supported by the Division. The Departmental Multi-User Instrumentation component of CRIF (CRIF:MU) provides funds to universities, colleges, and consortia thereof for the purchase of multi-user instruments. The maximum request is \$500,000 for instrumentation. Additional funds may be requested for personnel who are needed to support cyber-enhanced projects.

Deadline Date(s): 07/09/2008
Sponsor Name: National Science Foundation
Program Title: Long Term Research in Environmental Biology (LTREB)
Contact: Saran Twombly, 635, (703) 292-8133, email: stwombly@nsf.gov
Website: <http://www.nsf.gov/pubs/2007/nsf07588/nsf07588.htm>
Synopsis: The goal of this program is to encourage and foster interactions among scientists to create new research directions or advance a field. Innovative ideas for implementing novel networking strategies are especially encouraged. Groups of investigators will be supported to communicate and coordinate their research, training and educational activities across disciplinary, organizational, institutional, and geographical boundaries. The proposed networking activities should have a theme as a focus of its collaboration. The focus could be on a broad research question, a specific group of organisms, or particular technologies or approaches.

Deadline Date(s): 5/20/2008, 9/20/2008
Sponsor Name: National Science Foundation
Program Title: International Research and Education: Planning Visits and Workshops
Contact: (703) 292-5111, email: pubs@nsf.gov
Website: <http://www.nsf.gov/pubs/2004/nsf04035/nsf04035.htm>
Synopsis: This solicitation describes International Planning Visit/Workshop awards to support the early phases of developing and coordinating a research and education activity with a foreign partner(s). This program provides educational opportunities for Undergraduate Students, Graduate Students, Postdoctoral Fellows. This program provides indirect funding for students at this level or focuses on educational developments for this group such as curricula development, training or retention.

Funding Alert

continued

Deadline Date(s): 7/10/2008

Sponsor Name: National Science Foundation

Program Title: NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Contact: Duncan E. McBride, (703) 292-4630, email: dmcbride@nsf.gov

Websites: <http://www.nsf.gov/pubs/2007/nsf07524/nsf07524.htm>

Synopsis: This program makes grants to institutions of higher education to support scholarships for academically talented, financially needy students, enabling them to enter the workforce following completion of an associate, baccalaureate, or graduate level degree in science and engineering disciplines. Grantee institutions are responsible for selecting scholarship recipients, reporting demographic information about student scholars, and managing the S-STEM project at the institution.

Deadline Date(s): 04/01/2008

Sponsor Name: National Science Foundation

Program Title: Expeditions in Computing

Contact:: Timothy Pinkston, (703) 292-8900, email: tpinksto@nsf.gov

Websites: <http://www.nsf.gov/pubs/2007/nsf07592/nsf07592.htm>

Synopsis: The Directorate for Computer and Information Science and Engineering (CISE) has created the Expeditions in Computing (Expeditions) program to provide the CISE research and education community with the opportunity to pursue ambitious, fundamental research agendas that promise to define the future of computing and information. In planning Expeditions, investigators are encouraged to come together within or across departments or institutions to combine their creative talents in the identification of compelling, transformative research agendas that promise disruptive innovations in computing and information for many years to come.

Deadline Date(s): 07/12/2008

Sponsor Name: National Science Foundation

Program Title: Behavioral Systems

Contact:: John Byers, (703) 292-8423, email: jbyers@nsf.gov

Websites: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501086&org=NSF&sel_org=NSF&from=fund

Synopsis: The Behavioral Systems Cluster supports research on the development, function, mechanisms, and evolutionary history of behavior, with emphasis on a vertically integrated understanding of the behavioral phenotype in nature. To foster this integrative goal, the Cluster specifically encourages projects that seek to understand how combinations of neural, hormonal, physiological, and developmental mechanisms act synergistically as a system from which behavior emerges.

Deadline Date(s): 07/15/2008

Sponsor Name: National Science Foundation

Program Title: Linguistics

Contact:: Joan Maling, (703) 292-8046, email: jmaling@nsf.gov

Websites: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5408&org=NSF&sel_org=NSF&from=fund

Synopsis: Supports scientific research of all types that focus 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 about the Crosscutting Research and Training Opportunities, please visit the Cross-Directorate Activities webpage. You will find a brief synopsis about each program, as well as links guiding you to the appropriate Program Solicitations.

Funding Alert

continued

Deadline Date(s): 09/07/2008

Sponsor Name: National Institutes of Health

Program Title: Science Education Drug Abuse Partnership Award (R25)

Contact:: Cathrine A. Sasek, Ph.D., 301) 443-6071, email: csasek@nih.gov

Website: <http://grants.nih.gov/grants/guide/pa-files/PAR-06-518.html>

Synopsis: The purpose of the SEDAPA Program is to fund the development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the biology of drug abuse and addiction among K-12 students, the general public, health care practitioners, and other groups. The award provides support for the formation of partnerships between scientists and educators, media experts, community leaders, and other interested organizations for the development and evaluation of programs and materials that will enhance knowledge and understanding of science related to drug abuse.

Deadline Date(s): 09/24/2008

Sponsor Name: Department of Health and Human Services (HHS)

Program Title: Understanding and Promoting Health Literacy (R01)

Contact:: Susan Solomon, Ph.D., 301-402-1146, email: SSolomon@nih.gov

Website: <http://fundingopps.cos.com/cgi-bin/getRec?id=104398>

Synopsis: The ultimate goal of this program announcement is to encourage empirical research on health literacy concepts, theory and interventions as these relate to the U.S. Department of Health and Human Services' public health priorities that are outlined in its HealthierUS and Healthy People 2010 initiatives. Health literacy is defined as the degree to which individuals have the capacity to obtain, process, and understand basic health information and services needed to make appropriate health decisions.

Deadline Date(s): Continuous. Proposals may be submitted at any time, but no later than the BAA expiration date of December 31, 2010.

Sponsor Name: United States Department of Defense (DOD)

Program Title: Advanced Distributed Learning (ADL)

Contact:: Jane Waller, (407) 380-4017, email: Jane.Waller@navy.mil

Website: <http://www.fbo.gov/spg/DON/NAVAIR/N61339/N61339-06-R-0003/Attachments.html>

Synopsis: The Naval Air Warfare Center Training Systems Division (NAWCTSD) contracts with educational institutions, nonprofit organizations, and private industry for research and development (R&D) in the area of Training Technology and Methodology. This broad agency announcement (BAA) is intended to cover, in general, all R&D areas of interest to NAWCTSD and its customers relating to simulation and training technology. NAWCTSD has comprehensive simulation training system responsibilities ranging from research and technology-based development through system acquisition and life cycle support.

Deadline Date(s): Continuous. Proposals may be submitted at any time

Sponsor Name: United States Department of Defense (DOD), Department of the Navy

Program Title: Sensor Simulation Technology

Contact:: Jane Waller, (407) 380-4017, email: Jane.Waller@navy.mil

Website: <http://www.fbo.gov/spg/DON/NAVAIR/N61339/N61339-06-R-0003/Attachments.html>

Synopsis: The Naval Air Warfare Center Training Systems Division (NAWCTSD) contracts with educational institutions, nonprofit organizations, and private industry for research and development (R&D) in the area of Training Technology and Methodology. This broad agency announcement (BAA) is intended to cover, in general, all R&D areas of interest to NAWCTSD and its customers relating to simulation and training technology. NAWCTSD has comprehensive simulation training system responsibilities ranging from research and technology-based development through system acquisition and life cycle support.

Funding Alert

continued

Deadline Date(s): 11/14/2008
Sponsor Name: National Institutes of Health
Program Title: **Developing Complex Models of Oral Health Behavior (R21)**
Contact:: Melissa W. Riddle, Ph.D.,(301) 451-3888, email: riddleme@mail.nih.gov
Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DE-08-009.html>
Synopsis: The purpose of this Funding Opportunity Announcement (FOA) is to encourage research that develops and tests new conceptual frameworks, models, and theories that explain the complex relationships between behavioral and/or social factors and oral health. Of particular interest are theories and models that propose mechanisms by which behavioral and/or social factors influence health and influence each other. These theories or models are meant to identify new potential targets of intervention, or approaches to intervention, that lead to meaningful improvements in oral health.

Deadline Date(s): 06/03/2008
Sponsor Name: National Institutes of Health
Program Title: **Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research (RCE) [U54]**
Contact:: Rona Hirschberg, Ph.D.,(301) 402-4197, email: rhirschberg@niaid.nih.gov
Website: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-08-002.html>
Synopsis: The purpose of this Funding Opportunity Announcement (FOA) is to continue support for the Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research (RCE) Program. The overall goal of the RCE Program is to establish and maintain strong infrastructure and multifaceted research and development activities to provide scientific information and translational research capacity that will facilitate the next generation of therapeutics, diagnostics and vaccines against the NIAID Category A-C Priority Pathogens

Deadline Date(s): 05/07/2008
Sponsor Name: National Institutes of Health
Program Title: **Test & Evaluation Grant for Integrated Advanced Information Management Systems (IAIMS)**
Contact:: Dr. Valerie Florance, (301) 594-4882, email: petrosia@mail.nih.gov
Website: <http://grants.nih.gov/grants/guide/pa-files/PA-05-077.html>
Synopsis: Integrated advanced information systems (IAIMS) are comprehensive trans-organizational information management structures. In an IAIMS environment, organizations apply proven management practices and appropriate expertise about informatics and information services in order to link and relate the published biomedical knowledge base with clinical, research, educational and administrative, information, using computers and networks.

Deadline Date(s): 09/07/2008
Sponsor Name: National Institutes of Health
Program Title: **Ruth L. Kirschstein National Research Service Award Short-Term Institutional Research Training Grants (T35)**
Contact:: Dr. Nancy J. Pearson,(301) 594-0519, email: pearsonn@mail.nih.gov
Website: <http://grants.nih.gov/grants/guide/pa-files/PA-05-117.html>
Synopsis: The objectives of the short-term research training (T35) program are to develop or enhance research training opportunities for individuals interested in careers in biomedical, behavioral and clinical research. The program may also be used to support other types of predoctoral and postdoctoral training in focused, often emerging, scientific areas relevant to the mission of the NIH funding Institute or Center. The training program must be in either the basic, clinical, or behavioral research aspects of the health-related sciences, and should be of sufficient depth to enable selected trainees, upon completion of the program, to have a thorough exposure to the principles underlying the conduct of research.

Funding Alert

continued

Deadline Date(s): 07/16/2008
Sponsor Name: National Science Foundation
Program Title: **Geobiology and Low-Temperature Geochemistry**
Contact:: Enriqueta C. Barrera, (703) 292-8551, email: ebarrera@nsf.gov
Website: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf06563
Synopsis: The Geobiology and Low-Temperature Geochemistry Program supports research on 1) the interactions between biological and geological systems at all scales of space and time; 2) geomicrobiology and biomineralization processes; 3) the role of life in the evolution of the Earth's system; 4) inorganic and organic geochemical processes occurring at or near the Earth's surface now and in the past, and at the broad spectrum of interfaces ranging in scale from planetary and regional to mineral-surface and supramolecular; 5) mineralogy and chemistry of soils and sediments; 6) surficial chemical and biogeochemical systems and cycles and their modification through natural and anthropogenic change; and 7) development of tools, methods, and models for low-temperature geochemistry and geobiological research.

Deadline Date(s): 08/01/2008
Sponsor Name: National Science Foundation
Program Title: **Science and Society (STS)**
Contact:: Frederick Kronz, (703) 292-7283, email: fkronz@nsf.gov
Websites: <http://www.nsf.gov/pubs/2005/nsf05588/nsf05588.htm>
Synopsis: S&S considers proposals that examine questions that arise in the interactions of engineering, science, technology, and society. There are four components: Ethics and Values in Science, Engineering and Technology (EVS); History and Philosophy of Science, Engineering and Technology (HPS); Social Studies of Science, Engineering and Technology (SSS); and Studies of Policy, Science, Engineering and Technology (SPS).

Deadline Date(s): 08/15/2008
Sponsor Name: National Science Foundation
Program Title: **Biological Oceanography**
Contact:: Phillip R. Taylor, (703) 292-8582, email: prtaylor@nsf.gov
Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11696&org=NSF&sel_org=NSF&from=fund
Synopsis: The Biological Oceanography Program supports research in marine ecology broadly defined: relationships among aquatic organisms and their interactions with the environments of the oceans or Great Lakes. Projects submitted to the program for consideration are often interdisciplinary efforts that may include participation by other OCE Programs.

Deadline Date(s): 08/15/2008
Sponsor Name: National Science Foundation
Program Title: **Chemical Oceanography**
Contact:: Donald Rice, (703) 292-8582, email: drice@nsf.gov
Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11698&org=NSF&sel_org=NSF&from=fund
Synopsis: The Chemical Oceanography Program supports research into the chemical components, reaction mechanisms, and geochemical pathways within the ocean and at its interfaces with the solid earth and the atmosphere. Major emphases include: studies of material inputs to and outputs from marine waters; orthochemical and biological production and transformation of chemical compounds and phases within the marine system; and the determination of reaction rates and study of equilibria. The Program encourages research into the chemistry, distribution, and fate of inorganic and organic substances introduced into or produced within marine environments including those from estuarine waters to the deep sea.

Funding Alert *continued*

Deadline Date(s): 05/07/2008
Sponsor Name: National Institutes of Health
Program Title: Collaborative Multi-site Research in Addiction (COMRAD) (R01)
Contact:: Aria Davis Crump, (301) 443-6504, email: ac94h@nih.gov
Website: <http://grants.nih.gov/grants/guide/pa-files/PA-07-286.html>
Synopsis: The National Institute on Drug Abuse (NIDA) seeks to increase the collaboration of investigators at two or more sites in order to address critical issues in the epidemiology, services, and prevention of substance abuse and related disorders that require sample sizes or sample diversity greater than a single site can reasonably attain. The expectation for the collaborative effort is that there will be implementation of common clinical or community-based trials and/or measures across different sites in order to study participant/client outcomes and effectiveness, services characteristics, etiologic risk/protective factors and trajectories, participant/client factors, implementer factors, setting characteristics (including financing, organization, management, technology, and physical and/or environment/context), interactions of these, or other effects where pooled samples are appropriate and necessary for the hypotheses under study.

Deadline Date(s): 05/07/2008
Sponsor Name: National Institutes of Health
Program Title: Cancer Education Grants Program (R25)
Contact:: Lester S. Gorelic, Ph.D., (301) 496-8580, email: gorelic@mail.nih.gov
Website: <http://grants.nih.gov/grants/guide/pa-files/PA-06-540.html>
Synopsis: This Funding Opportunity Announcement (FOA) uses the NIH Research Education (R25) grant mechanism to support the following types of programs: innovative educational programs intended to motivate biomedical and other health science students to pursue cancer related careers; short courses to update cancer research scientists in new scientific methods, technologies and findings; training of cancer care clinicians and community health care providers in evidence-based cancer prevention and control approaches; development of effective innovative education (dissemination) approaches to translate knowledge gained from science (discovery) into public health and community applications (delivery)

Deadline Date(s): 09/07/2008
Sponsor Name: National Institutes of Health
Program Title: Minority Institutions' Drug Abuse Research Development Program (MIDARP)
Contact:: Lula Beatty, Ph.D., (301) 443-0441, email: lb75x@nih.gov
Website: <http://grants.nih.gov/grants/guide/pa-files/PA-05-069.html>
Synopsis: The National Institute on Drug Abuse, NIH, is providing support to increase research capacity of minority institutions to conduct research in drug abuse and addiction. Grants will be provided to foster research career development of racial/ethnic minority faculty, students and staff who are underrepresented in drug abuse research, and to enhance research infrastructure at minority institutions.

Deadline Date(s): 9/30/2008
Sponsor Name: National Institutes of Health
Program Title: Research Supplements to Promote Diversity in Health-Related Research
Contact:: Judith A. Arroyo, Ph.D., (301) 402-0717, email: jarroyo@mail.nih.gov
Website: <http://grants.nih.gov/grants/guide/pa-files/PA-05-015.html>
Synopsis: The NIH notifies Principal Investigators holding specific types of NIH research grants (listed in the full announcement) that funds are available for administrative supplements to improve the diversity of the research workforce by supporting and recruiting students, postdoctorates, and eligible investigators from groups that have been shown to be underrepresented.

Funding Alert *continued*

Deadline Date(s): 08/16/2008
Sponsor Name: NSF
Program Title: Methodology, Measurement, and Statistics
Contact:: Cheryl L. Eavey, (703) 292-7269, fax: (703) 292-9068, email: ceavey@nsf.gov
Website: <http://www.nsf.gov/pubs/2006/nsf06571/nsf06571.htm>
Synopsis: The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program that supports the development of innovative methods and models for the social and behavioral sciences. The MMS Program interacts with the other programs in the Directorate for Social, Behavioral, and Economic Sciences (SBE), as well as other programs in the Foundation, most notably the Statistics and Probability Program in the Directorate for Mathematical and Physical Sciences (MPS). In general, MMS seeks proposals that are interdisciplinary in nature, methodologically innovative, and grounded in theory.

Deadline Date(s): Continuous. Letters of intent may be submitted at any time, and will be processed as they are received.
Sponsor Name: Natural Sciences and Engineering Research Council of Canada (NSERC)
Program Title: Special Research Opportunity (SRO) Program
Contact:: (613) 995-4299, email: resgrant@nserc.ca
Website: http://www.nserc.ca/professors_e.asp?nav=profnav&lbi=a4
Synopsis: The Natural Sciences and Engineering Research Council of Canada's (NSERC) Special Research Opportunity (SRO) grants enable researchers to pursue new and emerging research opportunities at the time they become apparent, or investigate and develop potential new collaborations necessary to respond to these national and international opportunities. Researchers may apply for SRO support for research projects or exploratory pre-research activities (e.g., a workshop). They may also apply in response to an NSERC Request for Proposal.

Deadline Date(s): 10/31/2008
Sponsor Name: Canadian Embassy - Washington, D.C. Canadian Studies Grant Programs
Program Title: Graduate Student Fellowship Program
Contact:: (202) 682-7727, email: AcademicRelations@CanadianEmbassy.org
Website: <http://geo.international.gc.ca/can-am/washington/studies/grantguide-en.asp#graduate>
Synopsis: The Graduate Student Fellowship Program promotes research that contributes to a better knowledge and understanding of Canada, its relationship with the United States, and its international affairs. The grant is designed to give doctoral students an opportunity to conduct part of their research in Canada. The program welcomes efforts to integrate the research findings into the applicant's conference presentations. The program welcomes submissions from all fields in the social sciences and humanities. The Canadian Embassy is particularly interested in projects that have policy relevance for Canada-U.S. relations as well as Canadian social, economic, political, security, and quality of life issues.

Deadline Date(s): 08/15/2008
Sponsor Name: NSF
Program Title: Cultural Anthropology
Contact:: Deborah Winslow, (703) 292-7315, email: dwinslow@nsf.gov
Website: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5388&org=NSF&sel_org=NSF&from=fund
Synopsis: The Cultural Anthropology Program promotes basic scientific research on the causes and consequences of human social and cultural variation. The program solicits research proposals of theoretical importance in all substantive and theoretical subfields within the discipline of Cultural Anthropology. For more information about the Crosscutting Research and Training Opportunities, please visit the Cross-Directorate Activities webpage. There, you will find a brief synopsis about each program, as well as links guiding you to the appropriate Program Solicitations.