

Funding Bulletin

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

July 11, 2008

Vol. 17, No. 27

Program Information

To receive program information, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

NOTICE - The Funding Bulletin is available via email. To be added to the electronic mailing list, send an email message to: listserv@listserv.ksu.edu Leave the subject line blank. In the message area, type: *sub fundingbulletin*.

Limited Submissions

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Dr. Jim Guikema, Associate Vice Provost for Research, is the internal coordinator for limited submission programs. Please notify him at 785-532-6195, email: guikema@ksu.edu, by the Internal due date listed in the Funding Bulletin (**FB 27-2, 27-11, 27-13**) or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program. Currently posted Internal Deadlines: <http://www.k-state.edu/research/funding/bulletins/bul08/limits08/index.htm>

GENERAL

27-1 Interventions to Remediate Age-related Cognitive Decline (R01) (NIH)

This funding opportunity announcement (FOA) solicits (R01) grant applications from applicant organizations that propose to develop and pilot test innovative interventions to remediate age-related cognitive decline. These pilot tests are not expected to fulfill criteria for full-scale clinical trials but should help establish the feasibility and likely effect sizes of potential interventions. The interventions developed should be amenable for testing in a randomized clinical trial (RCT). RFA-AG-09-009 (NIHG 7/3/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-09-009.html>

Deadline: Letters of Intent: 10/3/2008;
Applications: 11/3/2008

27-2 Science and Technology Centers: Integrative Partnerships (NSF)

The Science and Technology Centers (STC): Integrative Partnerships program supports innovative, potentially transformative, complex research and education projects that require large-scale, long-term awards. STC's conduct world-class research through partnerships among aca-

demical institutions, national laboratories, industrial organizations, and/or other public/private entities, and via international collaborations, as appropriate. They provide a means to undertake important investigations at the interfaces of disciplines and/or fresh approaches within disciplines. STC investments support the NSF vision of advancing discovery, innovation and education beyond the frontiers of current knowledge, and empowering future generations in science and engineering. A single organization may submit a maximum of three preliminary proposals as the lead institution. In no case may an organization request funds as a lead or funded partner organization on more than five preliminary proposals. Full proposals are to be submitted only when invited by NSF. NSF 08-580 (GG 7/1/08)

URL: <http://grants.gov>

Deadline: Internal 7/30/2008; Preliminary Proposals: 9/30/2008

27-3 National Security Science and Engineering Faculty Fellowship (NSSEFF) Program (DOD)

The National Defense Education Program (NDEP) supports both basic science and/or engineering research within academia as well as education initiatives that seek to create and develop the next generation of scientists and engineers for the defense and national security workforce. The focus of the current competition is to provide faculty and staff scientists and engineers from U.S. accredited, degree-granting academic institutions with a career enhancing opportunity through their association with DoD while at the same time they are conducting unclassified basic research in critical areas of interest. Outstanding researchers selected for award and granted Secret security clearances will participate in all NSSEFF activities that are designed to enhance their understanding of critical research needs and interact with DoD senior leaders. Awardees may be exposed to classified information necessary to enhance the objectives, approach and conduct of their basic research. A NSSEFF award is expected to provide the DoD with revolutionary research that is critical to the future success of our national security. NPSBAA08-005 (GG 6/6/08)

URL: <http://www07.grants.gov>
Deadline: 10/3/2008

ARTS & HUMANITIES

27-4 America's Historical and Cultural Organizations: Planning Grants (NEH)

America's Historical and Cultural Organizations grants support traveling or

long-term museum exhibitions, library-based projects, interpretation of historic places or areas, interpretive Web sites, or other project formats that creatively engage audiences in exploring humanities ideas and questions. Planning grants can be used to plan, refine, and develop the content and interpretive approach of a project. Applicants should have already conducted preliminary consultation with scholars to help shape the humanities content of the project and with other programming advisers appropriate to the project's format. 20080827-GE (GG 6/30/08)

URL: <http://www.neh.gov/grants/guidelines/>

[AHCO_PlanningGuidelines.html](http://www.neh.gov/grants/guidelines/AHCO_PlanningGuidelines.html)

Deadline: 8/27/2008

27-5 Fellowship Programs at Independent Research Institutions (NEH)

Grants for Fellowship Programs at Independent Research Institutions (FPRI) support fellowships at institutions devoted to advanced study and research in the humanities. NEH fellowships provide scholars with research time and access to resources that might not be available at their home institutions. Fellowship programs may be administered by independent centers for advanced study, libraries, and museums in the United States; American overseas research centers; or organizations that have expertise in promoting research on foreign cultures. Individual scholars must apply directly to the institutions themselves. A list of currently funded institutions is available. FPRI grants provide funding to programs for humanities fellowships of four to twelve months. Fellowship tenure must be continuous. 20080819-RA (GG 5/29/08)

URL: <http://www.neh.gov/grants/guidelines/fpri.html>

Deadline: 8/19/2008

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

27-6 High Energy Density Laboratory Plasmas (DOE)

The Office of Fusion Energy Sciences (OFES) of the Office of Science (SC) and the Defense Program (DP) of the National Nuclear Security Administration (NNSA), both of the U.S. Department of Energy (DOE), jointly announce their interests in receiving grant applications including renewals of existing grants in FY 2009 for research in the OFES-NNSA Joint Program in High Energy Density Laboratory Plasmas (HEDLP). DE-PS02-08ER08-16 (GG 6/24/08)

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

Deadline: Letters of Intent 8/18/2008;
Applications 9/11/2008

27-7 Passenger Protection In Rail Transit Vehicles (FTA)

The Federal Transit Administration (FTA) requests proposals from public entities that will ultimately result in the award of one or more cooperative agreements to improve passenger protection in rail transit vehicle collisions and identify interior feature designs or configurations that minimize passenger injuries in secondary impact scenarios. (Secondary impact refers to an occupant striking part of the vehicle interior surfaces or other occupants during a collision, derailment or sudden stop). FTA seeks applications for research defining the problem of collision-related rail transit passenger injuries and identifying designs or solutions to prevent or mitigate injuries. D2008-CEM-TRV-TRI (GG 7/3/08)

URL: http://www.fta.dot.gov/funding/grants_financing_7829.html

Deadline: 8/11/2008

27-8 Sensors and Sensing Systems (SSS) (NSF)

The SSS program supports research on methods to acquire and use sensor data on civil, mechanical, and manufacturing systems. The program supports fundamental research on advanced actuators, sensors, wireless sensor networks, new materials and concepts for sensing applications, power generation and energy supply for sensors and sensing systems. Also of interest is research on the strategic incorporation of sensors into both natural and engineered systems to achieve effective data acquisition and on processing and transmission of sensor data. PD 08-1639 (GG 6/16/08)

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13349

Deadline: 10/1/2008; 2/15/2009

27-9 Nano and Bio Mechanics (NBM) (NSF)

The NBM program supports fundamental research in biomechanics and nanomechanics. Research on biomechanics focuses on the mechanical properties and behavior of biological materials and structures, including cells, tissue, muscles, bones, and prosthetic implants. Research on nanomechanics focuses on the unique properties of nano-scale particles and microstructural features and their effects on the macroscopic mechanics and properties of materials, surfaces, and structures that contain them. PD 08-7479 (GG 6/16/08)

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13523

Deadline: 10/1/2008; 2/15/2009

HEALTH & LIFE SCIENCE

27-10 Immune Defense Mechanisms at the Mucosa (R21) (NIH)

The National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health, invites Exploratory/Developmental Research Project (R21) applications from institutions/organiza-

tions that propose to study immune defense mechanisms and immune regulation at mucosal surfaces including the respiratory, gastrointestinal, and urogenital tracts. The goal is to gain new insights that will facilitate future development of vaccines and immunotherapies to protect mucosal surfaces from infection and inflammation. Investigators who have no prior history of receiving independent funding in this field are encouraged to apply. This Funding Opportunity Announcement (FOA) will support basic and applied research that contributes to understanding broadly applicable host mechanisms of mucosal immune defense. RFA-AI-08-020 (NIHG 7/3/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-08-020.html>

Deadline: Letters of Intent: 9/15/2008;
Applications: 10/15/2008

27-11 Outstanding New Environmental Scientist Award (ONES) (R01) (NIH)

The Outstanding New Environmental Scientist Award is intended to identify outstanding scientists who are in the early, formative stages of their careers and who intend to make a long term career commitment to research in the mission areas of the NIEHS and assist them in launching an innovative research program focusing on problems of environmental exposure and human biology, human pathophysiology and human disease. Eligible Principal Investigators include individuals with faculty appointments which are tenure track or equivalent and who have fewer than eight years experience beyond the PhD at the time of application. Only one application per school or college within a university will be accepted. RFA-ES-08-003 (NIHG 6/20/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-08-003.html>

Deadline: Internal: 9/1/2008; **Letters of Intent:** 10/1/2008; **Applications:** 10/31/2008

27-12 NIGMS National Centers for Systems Biology (P50) (HHS)

That National Institute of General Medicine Sciences (NIGMS) invites applications for National Centers for Systems Biology. The goal of the program is to promote institutional development of pioneering research, research training, and outreach programs focused on systems-level inquiries of biomedical questions within the NIGMS mission. The NIGMS supports fundamental inquiries focused on bioinformatics and computational biology, molecular and cell biology, biophysics, genetics and developmental biology, biochemistry, pharmacology, anesthesiology, and human physiology in the areas of trauma, burn, inflammation, and multi-organ failure. More than one award may be made to a single institution but only in the case where these awards have no scientific overlap and serve different communities. RFA-GM-09-009 (NIHG 6/20/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-GM-09-009.html>

Deadline: Letters of Intent: 9/24/2008;

Applications: 10/24/2008

27-13 Parker B. Francis Fellowship Program

A Parker B. Francis Fellowship in Pulmonary Research is intended to support the development of outstanding investigators who plan careers in lung biology and respiratory medicine. Parker B. Francis Fellowship grants are awarded to institutions to provide stipends, fringe benefits and travel expenses for qualified post-doctoral fellows or newly appointed assisted professors. Each department may submit only one application annually and is limited to a maximum of two active fellowships at any one time.

URL: <http://www.francisfellowships.org>
Deadline: Internal 8/17/2008; **Applications** 10/17/2008

SOCIAL SCIENCES

27-14 Roybal Centers for Translational Research on Aging (P30) (HHS)

The purpose of this funding opportunity announcement is to invite applications using the NIH Research and Development Core Center Grant (P30) award mechanism to support Edward R. Roybal Centers for Translation Research in the Behavioral and Social Sciences of Aging. The Roybal Centers are intended to improve the health, well being, and productivity of older people, through the translation of basic behavioral and social sciences research. Translation is defined in this announcement as research that moves basic research findings towards the development of programs or tools to be used at the individual and population levels to improve the health, well being, or productivity of older people. RFA-AG-09-008 (NIHG 6/13/08)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-09-008.html>

Deadline: Letters of Intent: 10/1/2008; **Applications** 10/31/2008

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