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Office of Research & Engagement

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NIH abandoning PureEdge, moving to Adobe forms in 2009

Faculty seeking funding from several NIH-related agencies will need to use new Adobe-based forms instead of the current PureEdge forms starting early in 2009.

The National Institutes of Health, the Agency for Healthcare Research and Quality, the Center for Disease Control and Prevention/National Institute for Occupational Safety and Health, and the Food and Drug Administration will no longer accept most forms created by PureEdge on or after January 1, 2009, except as noted in the NIH notice announcing the change.

The Adobe-based forms in the **grants.gov** package will be available for download beginning in December 2008 for submissions with January 2009 deadlines. Researchers who are currently working on a submission due in January 2009 or later should continue to develop their research plan components and other parts of the applications, and prepare to upload them to the new Adobe-based form when it becomes available.

Important Note: The Adobe-based forms use Adobe Reader 8.1.2 or later. Earlier versions of Adobe will corrupt the package. The NIH has provided a website that will automatically test for the appropriate version of the Reader.

More information available online at <http://research.utk.edu> or contact Kelly Steele (ksteele2@utk.edu, 974-4808) in the Office of Research.

UPCOMING EVENTS

(Info at <http://research.utk.edu>)

October 24—UT Science Forum
Dr. Dick Rose, M.D. presents
“Health Care Delivery: How Did We Get Into This Mess?”

October 30—Centripetals
Dr. Greer Fox presents “Families and Money: Wealth, Poverty and Well-being”

October 31—UT Science Forum
Dr. Ben Fitzpatrick presents “Why Are There So Many Kinds of Salamanders in Appalachia?”

October 31—Howard H. Baker Jr. Center for Public Policy Opening with Guest Sandra Day O'Connor.



Office of Research to hire associate vice chancellor

Associate Vice Chancellor for Research, Strategic Program and Proposal Development, Office of Research, Pay Grade 75, DOE&Q, Ph.D. in a field of science or engineering or an academic discipline engaged in research and scholarship. Experience equivalent to that expected of a full professor; administrative and program managerial experience equivalent to that of at least a department head, and success in facilitating research, developing partnerships, and addressing the administrative support needs of the research community. Given the nature of roles and responsibilities of this position, there is fundamental need to understand the current capabilities, policies and practices, administrative structure and culture of the university and campus. Working with the vice chancellor, as senior member of the leadership team, and supported by a growing staff; the incumbent will lead the effort to strategically identify research opportunities and sources of support, assist faculty in learning the skills of crafting compelling proposals, lead the institutional support in preparing competitive proposals, coordinate the development of new strategic partnerships with other institutions and assist in the development and support of current and emerging research centers and institutes. Verbal and written communication skills at a high degree of proficiency, broad knowledge and understanding for research and scholarly achievement across the broad spectrum of fields found at a large complex public research university. Apply to: Rachel Bowers, Associate Vice Chancellor Search Coordinator, 535 Andy Holt Tower, 37996-0152. Internal Search.

UT's open-access pilot program starts

A pilot program sponsored by University Libraries and the UT Office of Research will provide funding for UT Knoxville faculty and graduate students who need to pay article-processing charges as part of publication in an open-access journal.

The UT program has committed up to \$20,000 to pay fees charged by open-access publishers. The program will extend through June 2009 or until the fund is exhausted. Any open-access publication that makes articles freely available at the time of initial publication will be considered.

Open-access publishing provides articles in digital format on the Internet at no charge to users. Like traditional journal publications, open-access publications are peer-reviewed. The cost of publication in open-access journals is generally less than that of comparable printed journals.

The Office of Research and UT Libraries will be evaluating the program's usefulness. A description of the program, a list of open-access publishers, and an application form are available at <http://www.lib.utk.edu/openpub/>.

Demonstration of Digital Commons scheduled

The University Libraries will host a demonstration of *Digital Commons*, a digital archiving and publishing program at 1:30 p.m. on Tuesday, October 28, in John C. Hodges Library, Room 128. *Digital Commons* (developed by Berkeley Electronic Press) and similar publishing services enhance international collaboration and global academic networks. Many universities are building digital collections of papers, conference presentations, reports, images, performances and exhibitions, theses and dissertations, and other multimedia works to increase the visibility of faculty scholarship and provide a platform for scholarly publishing.

Day-long bio-imaging symposium planned

The fifth annual Memphis Biolmaging Symposium will take place November 6–7 at the Fogelman Executive Conference Center in Memphis. Hosted by the UT Health Science Center and other institutions and corporations in Memphis, the symposium targets faculty and students in bioengineering and research, medical physicists, oncologists, radiologists, and others interested in the latest trends in bioimaging research.

More information: <http://www.memphis.org/> or Thaddeus Wilson, faculty in radiological physics at the Health Science Center (901-448-8323).

ONR seeks proposals on expeditionary maneuver warfare

The Office of Naval Research has issued a broad area announcement seeking proposals on a variety of topics, including expeditionary maneuver warfare and combating terrorism.

More information: http://www.onr.navy.mil/02/baa/docs/baa_09_001.pdf

NIST seeks white papers on future research possibilities

The National Institute of Standards and Technology (NIST) is soliciting suggestions on areas of critical national and societal needs that could be addressed by transformative new technologies. The white papers will be considered for incorporation in future competitions for funding the NIST Technology Innovation Program.

“These white papers may be an opportunity for faculty to influence the development of new research topics in future competitions,” said Paul Montgomery, UT director of external relations. In 2008 the TIP program focused on the U.S. infrastructure.

Deadline: November 1, 2008

More information: <http://www.usinnovation.org/files/NISTR&DFundingAreas100708.pdf>



National Science Foundation

NSF to emphasize intersection of physical, life sciences

The Directorate of Biological Sciences in the National Science Foundation has announced a new focus for interdisciplinary research that studies issues at the intersection of the physical and life sciences. The new emphasis was announced in a "Dear Colleague" letter released on October 17, 2008.

The directorate will give priority to projects that address fundamental questions about "Life in Transition" (LiT), including identifying how the living world has adapted to and is transforming Earth's climate, how living systems obtain and use energy, and what the origins and indispensable properties of life are. LiT is not a new program or special competition but is to be submitted under traditional programs of the directorate. The emphasis will end in 2011.

More information: <http://www.nsf.gov/pubs/2008/nsf08078/nsf08078.jsp?org=NSF>

Discovery Research K-12 (DR-K12)

The NSF is soliciting proposals that will enable significant advances in pre-K-12 student and teacher learning in science, technology, engineering, and mathematics through the investigation of a research question or hypothesis.

Deadline: January 5, 2009 at 8 a.m., completed proposal to UTOR

More information: http://www.nsf.gov/pubs/2008/nsf08609/nsf08609.htm?govDel=USNSF_25

Plant Genome Research Program 2009

The NSF Plant Genome Research Program will support four kinds of research in FY 2009: genome-enabled plant research addressing major unanswered questions; transfer of research from model systems to the study of the basic biology of plants of economic importance; development of novel technologies and tools for plant genomics research; and Heterosis Challenge Grants to support testing hypotheses for the mechanisms of heterosis in plants.

Deadline: Full proposal to UTOR by January 14, 2009 at 8 a.m.

More information online at <http://research.utk.edu>

Innovations in Engineering Education, Curriculum, and Infrastructure (IEECI)

The NSF's IEECI program supports research addressing four aspects of engineering education: how students best learn to become creative, innovative engineers; how cyberlearning resources can be used to improve learning significantly; how sustainability can be integrated into engineering education; and what directions U.S. engineering doctoral programs will take.

Deadline: Full proposal to UTOR by March 5, 2009 at 8 a.m.

U.S. Department of Energy

Outstanding Junior Investigator Program in Physics

The Office of Nuclear Physics is soliciting proposals to support outstanding tenure-track faculty who are currently engaged in experimental, theoretical, or accelerator-based nuclear physics. Applicants must be no more than ten years beyond the Ph.D.

Deadlines: Letter of intent (not required but recommended) by October 30, 2008 at 5 p.m. Eastern Time

Completed proposal to UTOR by November 25, 2008 at 8 a.m. ET.

Nuclear Physics Grants & Cooperative Agreements

The Office of Nuclear Physics is soliciting new applications in medium-energy, heavy-ion, and low-energy nuclear physics and nuclear theory. The overall program seeks to promote understanding of the interactions and structures of atomic nuclei and nuclear matter.

Deadline: The date for the optional letter of intent has passed. Completed proposal to UTOR by November 10, 2008 at 8 a.m.

More information online at <http://research.utk.edu>.

We the People proposals solicited

The National Endowment for the Humanities is soliciting proposals for its We the People Challenge Grants in U.S. History, Institutions, and Culture. Projects under this program are meant to help institutions and organizations make long-term improvements in and win support for humanities activities that examine American history through the lens of the nation's founding principles. Proposals must demonstrate how the challenge grant would strengthen the institution's ability to explore significant themes and events in American history. Recipients of the award must raise three times the amount of the federal award toward accomplishing the project.

Deadline: February 3, 2009

More information: <http://www.neh.gov/grants/guidelines/wtp-challenge.html>

DARPA seeks proposals in new materials, advanced measurement

The Defense Advanced Research Projects Agency has issued a broad-area announcement for research in a variety of disciplines, including new materials (concepts, processing, and devices), advanced measurement technologies, advanced mathematics, defense against weapons of mass destruction, and related areas.

More information: <https://www.fbo.gov/download/381/381b6c4e3ce061ded1d35305baacbbfe/DSOBAA08-22-29Feb08.doc>

DOD sponsors breast cancer research program

The Department of Defense Breast Cancer Research Program has released its Concept Awards program announcement and is open for submissions. The funding opportunity information may interest bio-life, basic, bio-engineering, epidemiology, behavioral, and social scientists considering focusing on breast cancer research.

Pre-Application Deadline: November 6, 2008

Proposal Deadline: November 20, 2008

More information: <http://cdmrp.army.mil/funding/bcrp.htm>