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news & opportunities

THE UNIVERSITY of TENNESSEE KNOXVILLE

Research **Scholarship** **Creative Activity**

UT Internal Competition for NSF International Materials Institutes '08

The National Science Foundation is soliciting proposals for its **2008 International Materials Institutes (IMI)** program. See http://www.nsf.gov/pubs/2008/nsf08558/nsf08558.htm for the full text of the solicitation.

Limits on UT Participation
The University of Tennessee, as accredited, may submit **no more than ONE proposal.**

UT Internal Competition
The UT Office of Research is conducting an internal competition to choose the proposal that will be submitted to the NSF from the university. Faculty who want to submit an IMI proposal to the NSF **must** submit a pre-proposal to the UT Office of Research internal competition.

DEADLINE for Internal Competition
Preproposals must be submitted to the UT Office of Research by 12:00 Noon, 28 May 2008.

Submit preproposals by e-mail to Bill Dockery (dockeryb@utk.edu) AND James Mazzouccolo (jmazzouc@utk.edu). For the full text of this announcement, see https://my.tennessee.edu/portal/page?_pageid=43,45644&_dad=portal&_schema=PORTAL

UT Internal Competition for DOE Energy Frontier Research Centers '08

The Department of Energy is soliciting proposals for its **2008 Energy Frontier Research Centers** program. See https://e-center.doe.gov/iips/faopor.nsf/UNID/933104E42D0185E58525742100694C78/$file/EFRC_FOA_Final_Dated_April42008_FINAL.pdf for the full text of the solicitation.

Limits on UT Participation
The University of Tennessee, as accredited, may submit **no more than THREE proposals** as the lead or "prime" proposer. There are no DOE limits on UT faculty who are part of a team led by another organization.

UT Internal Competition
The UT Office of Research is conducting an internal competition to choose the proposals that will be submitted to DOE from the university. Faculty who want to submit a proposal to DOE EFRC **must** submit a pre-proposal to this UT Office of Research internal competition.

DEADLINE for Internal Competition
Preproposals must be submitted to the UT Office of Research by 12:00 Noon, 11 June 2008.

Submit preproposals by e-mail to Bill Dockery (dockeryb@utk.edu) AND James Mazzouccolo (jmazzouc@utk.edu). For the full text of this announcement, see https://my.tennessee.edu/portal/page?_pageid=43,45644&_dad=portal&_schema=PORTAL

Avian flu expert to keynote symposium

An international authority on influenza will evaluate the potential risks of avian flu in a keynote address to the Comparative and Experimental Medicine Research Symposium being held 17 June 08 on the UT Institute of Agriculture campus.

Robert Webster, a virology professor at St. Jude Children's Research Hospital in Memphis, will speak at 9 a.m. in Room 156/157 of the Plant Biotechnology Building. His talk is titled "H5N1: Has the risk been overblown?"

Webster, who holds the R.M. Thomas Chair in virology at St. Jude, has been director of one of the World Health Organization's Collaborating Centers for Studies on the Ecology of Influenza in Animals and Birds.

The daylong symposium will feature presentations and poster sessions on human and animal health research by 63 graduate students, post-docs, residents, and research assistant professors representing 16 departments and programs.

Information about the symposium is available from Misty Bailey (mrbailey@utk.edu, 974-7446). The web site: http://www.vet.utk.edu/research/symposium/

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UTK to make iTunesU available

The Office of Information Technology will soon launch iTunesU@UTK, a collaboration between Apple and the university to put podcasts of courses and other relevant content on the company's iTunesU.

UT Knoxville will join MIT, Stanford, UC Berkeley, and similar schools with a presence in what is known as coursecasting through iTunesU.

In addition to recorded lectures, the podcasts can be used for field studies, interview scenarios, role-playing, study guides, focused tutorials and other pedagogical and training needs in classroom and research environments, said Joan Thomas (jnthomas@utk.edu, 974-7946), who is the contact for UT's iTunesU program.

The program also offers production and training services to help faculty learn to create both audio and video-enhanced podcasts.

The program is an extension of the already-existing Volcasting service (volcasting.utk.edu) that has been available for faculty use for about two years.

NIH: public access to articles required

Researchers doing projects for the National Institutes of Health must now make articles accepted for publication available to the general public under rules that went into effect 7 April 2008.

The NIH Public Access policy applies to final versions of peer-reviewed manuscripts that have been accepted for publication on or after that date.

The rule is a response to federal legislation passed in late 2007 which requires that published research funded by the NIH be accessible to everyone, including patients, educators, scientists, and health-care providers. Principal investigators who fail to comply with the rules may face enforcement sanctions.

Researchers should note that the policy has implications for copyright issues, submission of the publication to the PubMed Central, and citation of articles using the NIH PubMed Central Identification number.

More information: http://publicaccess.nih.gov/policy.htm.

Incompatibilities . . .

. . . between Grants.gov and the latest Microsoft products can cause problems for faculty submitting proposals through Grants.gov.

The federally-developed software is currently incompatible with both the Microsoft Vista operating system and files in Excel, Word, and PowerPoint produced in Microsoft Office 2007.

MS Office 07 can be used only if the completed Word or Excel files are saved in the format of a previous version of these programs. For example, a document produced in MS Word 07 must be saved as a "Word 97-2003 Document."

Failure to use the appropriate versions for creating, attaching, and submitting documents through Grants.gov will prevent Grants.gov from processing or accepting the proposal; and there will be no notification to the proposer that submission of the proposal was unsuccessful.

For more information, see http://www.grants.gov/assets/Vista_and_office_07_Compatibility.pdf.

Doctoral Dissertation Improvement Grants in the Directorate of Biological Sciences (DDIG)

The NSF Directorate of Biological Sciences uses DDIG in support of doctoral candidates' participation of scientific meetings, conduct of research in specialized facilities or field settings, and expansion of an existing body of dissertation research. Only one application per student is allowed. Organizations should limit applications to outstanding dissertation proposals with unusual financial requirements that can't be met otherwise.

Important date:

17 Nov 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://www.nsf.gov/pubs/2008/nsf08564/nsf08564.htm?govDel=USNSF_25

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

Through S-STEM, the NSF makes grants to institutions of higher education to support scholarships for academically talented, financially needy students in science and engineering disciplines. Principal investigators must be a faculty member currently teaching within one of the S-STEM disciplines. NOTE: Submissions to this program are limited at the college level. Colleges or schools within the university may submit only **ONE** proposal per unit. No universitywide competition will be necessary, but colleges should coordinate internally.

Important dates:

10 July 08 — Letter of intent (optional).

6 Aug 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://www.nsf.gov/pubs/2007/nsf07524/nsf07524.htm

Advances in Biological Informatics (ABI) (formerly Biological Databases and Informatics)

The NSF ABI program seeks to encourage new approaches to the analysis and dissemination of biological knowledge for the benefit of the scientific community and the broader public and is especially interested in the development of informatics resources with the potential to transform biological research.

Important date:

6 Aug 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://www.nsf.gov/pubs/2008/nsf08563/nsf08563.htm?govDel=USNSF_25

Theoretical Atomic, Molecular, and Optical Physics (TAMOP)

The NSF TAMOP program supports theoretical and computational research in all areas of atomic structure, the molecular structure of small molecules, electron, and atomic collisions, etc.

Important date:

18 Sept 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503273&org=NSF

Instrument Development for Biological Research (IDBR)

The NSF IDBR program supports the development of novel instrumentation or the improvement by an order of magnitude of existing instrumentation. Supported instruments are anticipated to have a significant impact on the study of biological systems at any level. The development or major improvement of software related to biological instrumentation is also supported.

Important date:

25 Aug 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://www.nsf.gov/pubs/2007/nsf07568/nsf07568.htm

NEH/DOE Humanities High Performance Computing Program

The National Endowment for the Humanities and the Department of Energy's Office of Science have collaborated to give humanities scholars access to computing time on DOE machines at the National Energy Research Scientific Computing Center at Lawrence Berkeley National Laboratory. Any scholar whose humanities research is computational intensive may apply for activities such as mining large textual data sets, morphological analysis, analysis of geographical information systems, and computationally demanding visualization, modeling, and pattern recognition and analysis.

Important date:

15 July 08 — Deadline for submitting completed proposal.

More information: http://www.neh.gov/grants/guidelines/HHPC.html#eligibility

FY08 Gulf War Illness Research Program (GWIRP)

The Department of Defense's Congressionally Mandated Medical Research Programs is offering awards totaling $10 million for researchers in the biosciences who are investigating Gulf War Illness. The programs include three categories: Idea Awards, Investigator-Initiated Research Awards, and Clinical Trial Awards.

Important dates:

2 July 08 — Preapplicaton.

9 Oct 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://cdmrp.army.mil/funding/gwirp.htm

Japan Prize (International Educational Media)

Sponsored by the Japan Broadcasting Corp., the Japan Prize includes a series of cash awards for outstanding work in educational media, including television, web sites, games, and other audiovisual materials.

Important date:

31 July 08 — Only one application per organization.

More information: http://www.nhk.or.jp/jp-prize/english/

Institutional Research and Academic Career Development Award (K12)

The National Institute of General Medical Sciences through IRACDA supports postdoctoral candidates in their research at research-intensive institutions and in teaching assignments at minority-serving institutions in order to provide an important new resource to motivate the next generation of scientists at minority-serving institutions. The university is limited to submitting only **ONE** proposal for this program.

Important dates:

4 June 08, 12 noon — Statement of interest to UT Knoxville Office of Research.

16 Sept 08, 8 a.m. — Deadline for submitting completed proposal to UT Office of Research.

More information: http://grants1.nih.gov/grants/guide/pa-files/PAR-06-470.html

New Directions Grants

The American Chemical Society Petroleum Research Fund supports fundamental research in the petroleum and energy fields and encourages the next generation of engineers and scientists through the New Directions program, which is intended to stimulate a new research direction for established faculty and to support the careers of their student scientists and engineers.

Important date:

13 June 08 — Deadline for submission.

More information: http://portal.acs.org:80/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_TRANSITIONMAIN&node_id=1262&use_sec=false&sec_url_var=region1

Requires internal coordination; may require internal competition. Contact Bill Dockery (dockeryb@utk.edu).

05/21/08

awards & recognition and ***news & opportunities*** are published on alternate weeks for the faculty of UT Knoxville by the UT Office of Research, 1534 White Ave., Knoxville, TN 37996-1529. Contact **Bill Dockery** (dockeryb@utk.edu, 865-974-2187). Archived at https://web.utk.edu/~utkor/page.htm.