Quest
Research, Scholarship, Creative Activity

March 21, 2012

NEWS AND OPPORTUNITIES

OIT office helps researchers with computing, analysis

In its mission to help UT researchers use computing and analytic methods, the OIT Research Support group provides a wide array of research software and offers consulting support for faculty and student research projects.

Depending on the type of software resource needed, OIT can

1) Help a user get software licensed to the researcher's computer
2) Provide access to software on a PC or Mac in OIT computer labs
3) Provide access to the OIT Windows Terminal Server (Apps@UT)
4) Provide computational services on the university's Newton Linux cluster.

OIT provides two levels of support for its resources: full and minimal. Fully supported software is recommended, supported, tested, and taught. Minimal support involves only software installation and data import/export.

"When we say we support it fully, that includes support of the research problem itself," said Bob Muenchen, manager of research computing support for OIT. "We have statisticians, mathematicians, and geographers helping provide a complete solution to research problems."

Computational resources and consulting support are available for bioinformatics, genetics, data mining, data acquisition & web surveys, graphics & visualization, image analysis, mapping, statistics, and text analysis, as well as scientific, engineering, and math problems. Some 30 software packages are fully supported, and another 25 receive minimal support.

Contact: Bob Muenchen (muenchen@utk.edu)
Details:
https://oit.utk.edu/research/Pages/default.aspx
https://oit.utk.edu/research/Pages/software.aspx
NOTE: Research Computing News, a newsletter about the availability of research software, has been melded with the monthly newsletter published by OIT. It is available at http://itc2.utk.edu/newsletter_monthly/

Deadline nears for human/animal health symposium

The deadline for submission of abstracts to the Comparative & Experimental Medicine and Public Health Research Symposium is a month away. Abstracts for the event must be submitted no later than April 23, 2012, at 5 p.m. The symposium will take place on the UT agriculture campus May 21-22, 2012.

The symposium welcomes graduate students, post-docs, residents, interns, & research assistant professors who work in human or animal health. Topics may range from bacterial virulence and transmission to bovine diseases and theriogenology, from nutrition and metabolism to public health systems and services research, and other similar areas.

Sponsors of the symposium include the College of Veterinary Medicine, the Center for Public Health Systems and Services Research, the Graduate School of Medicine, Tennessee AgResearch, the UT Graduate School, and the UT Knoxville Office of Research.

Key date: April 23, 2012, at 5 p.m. – Submission of abstract to http://tinyurl.com/CEMPH2012
Contact: Misty Bailey (mrbailey@utk.edu, 865-974-7446)
Details: http://www.vet.utk.edu/research/symposium

Innovation Conference set

The 2012 Governor's Innovation Conference will be held April 26–27 at the Sheraton Nashville Downtown Hotel. The conference is part of Gov. Bill Haslam's INCITE initiative, a $50 million program designed to support innovation across the state. The goal of INCITE is to raise Tennessee's profile in innovation-based economic development and drive growth in the creation of knowledge-based jobs.

Details: http://www.tntechnology.org/conference

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March issue of funding newsletter posted on web

The March 2012 issue of Research Development & Grant-Writing Newsletter (Vol. 2, No. 7) is available on the Office of Research website, showcasing the following features and columns:

- The Role of Specificity in a Successful Proposal
- Planning your FY2013 NSF Funding Strategies
- Observations on Critiquing a Proposal
- USDA Research Budget Directions, FY2013
- Energy Update: FY2013 Budget and Priorities
- Funding for Grad Students and Postdocs
- Research Grant Writing Web Resources
- Educational Grant Writing Web Resources
- Agency Research News
- Agency Reports, Workshops, & Roadmaps
- New Funding Opportunities
- About Academic Research Funding Strategies

NOTE: The newsletter is proprietary to Academic Research Funding Strategies LLC. The Office of Research subscription requires faculty and staff to use their net ID and login. The login process does not support all browsers.
Details: http://research.utk.edu/news/rdgw.shtml

TN-SCORE annual conference planned for June

The second TN-SCORE Annual Conference has been scheduled for June 14-15, 2012, in Nashville. The conference promotes Tennessee Solar Conversion and Storage Using Outreach, Research, and Education (TN-SCORE), the program funded by the National Science Foundation Experimental Program to Stimulate Competitive Research (EPSCoR). EPSCoR is designed to help Tennessee's research institutions develop a research infrastructure to win more funding support for science and engineering.

Details: www.tnscore.org

2nd Solar Solutions Conference coming in April

The 2012 Tennessee Valley Solar Solutions Conference will take place April 10-11, 2012, at the Cook Convention Center in Memphis. Julia Hamm, president and CEO of Solar Power Electric Association, will speak at the conference.

The event is sponsored by the Tennessee Valley Authority and the Tennessee Solar Institute, as well as UT-Battelle and other industry participants. There is no registration charge for attendees.

Key date: March 23, 2012 – Registration closes. (Registration may be extended depending on number of registrants.)
Details: http://www.tnsolarsolutions.org/

DOE offers energy-related post-doc awards

The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) is offering postdoctoral awards that support innovative applied research in energy efficiency and renewable energy at universities, national laboratories, and other research facilities.

The awards offer an annual stipend, health insurance and research-related allowances, and limited relocation expenses. The Oak Ridge Institute for Science and Education administers the awards program.

Key date: May 1, 2012 – Submission of application
Details: http://www1.eere.energy.gov/education/postdoctoral/

SARIF's TEPO fund supports visits to program officers

The Scholarly Activity and Research Incentive Funds (SARIF) program provides specific support for tenure-track and research faculty members needing to visit funding agencies. The TEPO (Travel to Engage Program Officers) Fund covers one third of transportation expenses for trips to meet program directors and managers of federal, corporate, and foundation funders. Applications for TEPO support require a detailed description of the meeting(s) or conference and are reviewed as received by the associate vice chancellor for research, who administers the SARIF program.

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Opportunities from the 2012 Defense Appropriations Act

The FY 2012 Defense Appropriations Act provides funding for a number of programs doing research on health-related problems. The U.S. Army Medical Research and Materiel Command administers the research programs through the Office of Congressionally Directed Medical Research Programs. Programs with pending deadlines are listed below.

Pre-announcement

The Army MRM Command issues advanced notice of pending announcements so that researchers can make plans and marshal resources. Pre-applications (letter of intent) may be required.

The Lung Cancer Research Program will offer three types of awards:
Concept, in which investigators at all academic levels can explore highly innovative, untested, potentially groundbreaking innovations in lung cancer research
Idea Development, in which independent investigators at least at the assistant professor level explore early-stage, high-risk/high-gain approaches
Translational Research Partnership, in which investigators at least at the assistant professor level form research partnerships involving clinicians and laboratory scientists
Key date: April announcement on Grants.gov
Details: http://cdmrp.army.mil/pubs/press/2012/12lcrppreann.shtml

Announcements

The Ovarian Cancer Research Program offers ***Outcome Consortium Development*** awards, in which an independent investigator at least at the assistant professor level develops a consortium specifically focused on identifying and understanding predictors of disease outcomes in ovarian cancer patients.
NOTE: The web link includes a total of four award mechanisms for the Ovarian Cancer Research Program.
Key date: May 9, 2012 – Submission of pre-application
Details: http://cdmrp.army.mil/funding/ocrp.shtml

The Multiple Sclerosis Research Program will focus on the pathophysiological basis of disease progression, biological mechanisms of cortical damage in MS, pathological basis for cognitive impairment in MS, and new or improved measures for evaluating cognition in clinical research. The ***Idea*** award mechanism will be used, in which investigators at least at the assistant professor level will pursue conceptually innovative, high-risk/high-reward research on the MS topics listed above.
Key date: April 24, 2012 – Submission of pre-application
Details: http://cdmrp.army.mil/funding/msrp.shtml

The Bone Marrow Failure Research Program will offer two types of awards:
Idea, in which investigators at least at the assistant professor level explores innovative, high-impact approaches to bone-marrow failure research
Postdoctoral Fellowship Training, in which postdocs with less than four years postdoctoral research experience pursue high-impact research
Key date: April 18, 2012 – Submission of pre-application
Details: http://cdmrp.army.mil/funding/bmfrp.shtml

Gulf War Illness Research Programs will offer three types of awards:
Investigator-Initiated Research, in which independent investigators at all academic levels pursue new ideas in basic and clinical developmental research on Gulf War Illness
Innovative Treatment Evaluation, in which independent investigators at all academic levels pursue exploratory or small-scale studies of potential treatments not previously studied
Clinical Trial, in which independent investigators at all academic levels pursue Phase II or II clinical trials to treat the illness
Key date: April 9, 2012 – Submission of pre-application
Details: http://cdmrp.army.mil/funding/gwirp.shtml

The Amyotrophic Lateral Sclerosis Research Program will offer two types of award:
Therapeutic Development, in which independent investigators at all academic levels explore preclinical development of ALS
Therapeutic Idea, in which independent investigators at all academic levels explore early-stage, novel therapeutic development
Key date: April 9, 2012 – Submission of pre-application
Details: http://cdmrp.army.mil/funding/alsrp.shtml

RESEARCH WEEK REMINDER

The UT Knoxville campus celebration of the research enterprise will reach its core next week with Research Week, which focuses attention on student scholarly, creative, and research accomplishments.

After a number of leading events earlier in the month, Research Week will offer these activities between March 26 and March 31:

Graduate School Admission 101

Mon., March 26, 4-5 p.m., University Center Auditorium
An overview of graduate admissions

Finding Funding in Graduate School

Mon., March 27, 4-5 p.m., University Center Shiloh Room
Opportunities for funding graduate school

NSF Research Experiences for Undergraduates

Tues., March 27, 7-8 p.m., University Center, Room 223-224
A talk by Diana Anderson, program director with the National Science Foundation, on the NSF REU program

Baker Scholars Exhibition of Scholarship

Tues., March 27, 4-6 p.m., Baker Center Toyota Auditorium
Baker Scholars share research presentations and posters

Screening of *The PhD Movie*

Wed., March 28, 7 p.m., Auditorium, Alumni Memorial Building
A light look at graduate studies as part of the PEER Spring Symposium

PEER Spring Symposium

Thurs., March 29, 11 a.m. to 7 p.m.
See http://tinyurl.com/peersymsch2012 for details.

The Exhibition of Undergraduate Research and Creative Achievement

Wed., March 28, 4 p.m. University Center Ballroom
Setup of displays.
5:30 p.m. Judging of displays

Thurs., March 29, 9 a.m. to 7 p.m.
Public viewing
6 p.m., Tennessee Auditorium of University Center
EURēCA awards ceremony

Honors Symposium

Sat., March 31, 2012, Baker Center
UT honors students share their scholarship.

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The University of Tennessee, Knoxville, is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution.
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