



University of Tennessee, Knoxville
**TRACE: Tennessee Research and Creative
Exchange**

News and Opportunities

Office of Research & Engagement

1-13-2010

Office of Research, News & Opportunities, January 13, 2010

University of Tennessee Office of Research

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Quest initiative offers sources to get & share research information

More than two years have passed since the UT Office of Research began a vigorous campaign to communicate research information, accomplishments, and opportunities to the university community, and to drive news of those accomplishments out to UT's diverse constituencies. That campaign, the *Quest* initiative, has grown into a multifaceted communications plan that encompasses a variety of ways to convey the university's research agenda to the many people interested in UT research, scholarship, and creative activity.

The *Quest* initiative is both a source of information for the campus and community and a place for suggestions about future information needs and content.

External Communications

Quest: Research, Scholarship, Creative Activity

Content: A research magazine spotlighting stories about the accomplishments of individual UT Knoxville faculty in research, scholarship, and creative activity, focusing on the results of university investments in these activities for the benefit of a literate general reader locally and nationally. The magazine systematically covers all colleges and institutes on campus.

Frequency: A 28- to 32-page print magazine is issued quarterly. The related web site is updated as needed.

Distribution: Available to departments, colleges, and institutes for distribution to targeted publics.

Contact: Questions or suggestions can be submitted to Dennis McCarthy, editor (dmmccart@utk.edu, 865-974-8063); Bill Dockery, assoc. editor/research (dockeryb@utk.edu, 865-974-2187); Diane Pitts, project manager (diane.pitts.@utk.edu, 865-974-6393)

Online at <http://quest.utk.edu/>

Pursuit: The University of Tennessee Undergraduate Research Journal

Content: A new journal focusing on research and scholarship by UT Knoxville undergraduate students, published by an undergraduate editorial board supported by the UT Office of Research and the Chancellor's Honors Program.

Frequency: Twice yearly. (Premier issue will be March 2010.)

Distribution: Will include limited paper distribution and web publication.

Contact: pursuit@utk.edu

Online at <http://research.utk.edu/pursuit/>

Internal Communications

Quest: News & Opportunities

Content: News about policy changes, proposal practices, technical information, training courses, and similar material related to sponsored projects on the UT Knoxville campus, as well as announcements of funding opportunities from campus, state, federal, and foundation sources.

Frequency: Every other week, alternating with Awards & Recognition.

Distribution: All UT Knoxville faculty and research staff paid on an R-account receive a paper copy mailed to campus addresses. Research administrators and others connected with sponsored programs receive an electronic copy.

Contact: Questions or content can be submitted to Bill Dockery (dockeryb@utk.edu, 865-974-2187).

Online at <http://research.utk.edu/news>

Quest: Awards & Recognition

Content: A listing of all awards booked by UT Knoxville faculty in the previous two weeks, as taken from the UT Office of Research database. As space allows, also includes news about recognition received by faculty in their research, scholarly, and creative activities.

Frequency: Every other week, alternating with News & Opportunities.

Distribution: All UT Knoxville faculty and research staff paid on an R-account receive a paper copy mailed to campus addresses. Research administrators and others connected with sponsored programs receive an electronic copy.

Contact: Questions or content can be submitted to Bill Dockery (dockeryb@utk.edu, 865-974-2187) or Craig Cook (ccook10@utk.edu, 865-974-3464).

Online at <http://research.utk.edu/news>

Quest Quarterly Report

Content: Summary tables of totals for sponsored proposals, awards, and expenditures, top 20 awards, and charts that indicate progress in the university's research activity.

Frequency: Quarterly.

Distribution: Same as other Quest newsletters.

Contact: Greg Reed, Assoc. Vice Chancellor for Research (gdreed@utk.edu, 865-974-0437)

Online at <http://research.utk.edu/reports/>

Fiscal Year Annual Report

Content: A succinct text highlighting notable development for the fiscal year, augmented with summary tables of totals for sponsored proposals, awards, and expenditures, and charts that indicate progress in the university's research activity.

Frequency: Yearly after 1 July.

Distribution: Same as other Quest newsletters. Available to university departments for selected distribution

Contact: Greg Reed, Assoc. Vice Chancellor for Research (gdreed@utk.edu, 865-974-0437)

Quest Catalog of Research: Centers, Institutes, Laboratories, Programs

Content: A compilation of descriptions for the various research centers and other focused faculty groups that specialize on particular topics.

Frequency: Every two to three years, revised as needed.

Distribution: Available to university departments for selected distribution

Contact: Greg Reed, Assoc. Vice Chancellor for Research (gdreed@utk.edu), 865-974-0437)

Online at <http://research.utk.edu/reports/>

UT Office of Research LISTSERVs

The office uses several LISTSERVs to notify interested faculty and staff about specific information and opportunities related to sponsored programs.

ORALERT: Used for quick notifications about changes in policy, procedures, and related proposal-related technical topics. Available to all faculty and proposal personnel who sign up.

Contact: Miriam Campo (mcampo@utk.edu, 865-974-2465)

Various OPP mailing lists: The opportunities mailing lists cover solicitations from these agencies:

- ❖ NIH -- National Institutes of Health
- ❖ NSF -- National Science Foundation
- ❖ DOE -- Department of Energy
- ❖ NASA -- National Aeronautic & Space Administration
- ❖ DOD -- Department of Defense

Investigators who have submitted a proposal to any of these agencies within the past year have been added to the appropriate mailing list and will receive direct e-mail notifications of proposal solicitations. Those who are not on one or more listservs but wish to receive funding opportunities (and sometimes important agency notices) are encouraged to register.

Contact: Jim Mazzouccolo (jmazzouc@utk.edu, 865-974-2187)

LIMITSUB -- Limited submissions. The LIMITSUB mailing list is the primary method for notifying UT Knoxville faculty about funding opportunities that limit the number of proposals the university can submit. Faculty who regularly submit to solicitations that historically have institutional submission limits should sign up specifically for the LIMITSUB mailing list.

Contact: Jim Mazzouccolo (jmazzouc@utk.edu, 865-974-2187)

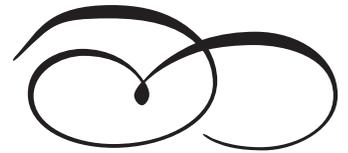
NOTE: On occasion, information about short-deadline research policies and opportunities may also appear in the daily "Tennessee Today" mailing or on the Deans Directors and Department Heads (DDDH) LISTSERV.

Office of Research to Sponsor IGERT Forum

The UT Office of Research will sponsor a lunchtime faculty forum Wednesday, 20 January, on the National Science Foundation's IGERT program. IGERT, which stands for Integrative Graduate Education and Research Traineeships, supports cutting-edge, interdisciplinary research combined with the creation of innovative doctoral programs. UT has two active IGERT programs and is seeking more as the new round of IGERT funding approaches.

The purpose of the forum is to acquaint faculty who wish to submit IGERT proposals with the requirements for success. Leaders of our existing IGERTS—Cynthia Peterson, David Keffer, and Claudia Rawn—will review lessons learned as they developed their winning proposals and interacted with NSF program officers. Cynthia Peterson is the director of Scalable Computing and Leading Edge Innovative Technologies (SCALE-IT) while Keffer and Rawn lead Sustainable Technology Through Advanced Interdisciplinary Research (STAIR). Copies of their successful proposals will be distributed, as well as two others that were funded at other universities.

IGERT is a limited-submission program, and UT will be allowed to submit only four preliminary proposals this round. All faculty who intend to submit IGERT proposals this year are encouraged to attend the forum from noon to 1 p.m. in room 113 at the 1534 White Avenue Building. Lunch will be provided. To register, contact Lesli Rowan (rowanoak@utk.edu, 974-9310). Questions may be directed to Robert Porter, director of research development (reporter@utk.edu, 974-3053).



401 served by Office of Research training workshops

During the second quarter of FY2010, the Office of Research Professional Development program conducted 23 workshops for 401 attendees with an average performance rating of 4.42 on a five-point scale.

The Office of Research offers training opportunities in a variety of topics related proposal development, compliance issues, and sponsored programs. Contact Lesli Rowan (rowanoak@utk.edu, 974-9310).

Details: <http://research.utk.edu/pd/training>.

Libraries seek authors for book reception

The annual reception honoring faculty who have authored a book in the past year will be held on Thursday, 8 April, from 3 p.m. to 4:30 in the Jack Reese Galleria at the Hodges Library. Faculty who have published a scholarly monograph in 2009-2010 (since last spring's reception) should notify Patty Boling (boling00@utk.edu) by 12 February. The event is sponsored by the Office of Research and the University Libraries.

Opportunities

Office soliciting summer grad assistantship applications

The Office of Research is seeking applications for the Summer Graduate Research Assistantship program for 2010. Faculty must submit a named graduate student for the summer period (May-July). The student's research project may contribute to the graduate student's degree requirements but must also advance the faculty member's research agenda. Proposals will be judged by a subcommittee of the Faculty Senate Research Council. Funding will be available at the beginning of the summer term.

Key date: 12 noon, 19 February 2010, submission of an electronic application to Jane Taylor (taylorje@utk.edu)

Details: <http://research.utk.edu/funding/gra.shtml>

Higher Education Research Experiences

Higher Education Research Experiences at Oak Ridge National Laboratory (HERE at ORNL) provides research opportunities and associated activities for students at all levels, beginning the term before college entrance through thesis/dissertation research, as well as higher education faculty. The program is designed to complement academic programs by using the unique resources of ORNL to enhance science, mathematics, engineering, and technology education; encourage careers in science and technology; and improve scientific literacy, while at the same time contributing to the ORNL mission.

Details: <http://www.ornl.gov/hereatornl/>

DOE Workforce Development for Teachers and Scientists (WDTs)

The U.S. Department of Energy offers a variety of science education opportunities for students and teachers through its Office of Workforce Development for Teachers and Scientists, including Science Undergraduate Laboratory Internships (SULI) and DOE Academies Creating Teacher Scientists (DOE ACTS).

Details: http://www.scied.science.doe.gov/scied/sci_ed.htm

The Nuclear Engineering Science Laboratory Synthesis (NESLS)

The ORNL NESLS program is a cooperative research initiative geared toward students working in physics and nuclear engineering applications. Through one- to three-year summer internships, NESLS offers engineering students and faculty on-the-job educational and research opportunities at a multidisciplinary national laboratory.

Details: http://www.ornl.gov/sci/ees/outreach/internship_nesls.shtml

Human Frontier Science Program Offers Short-Term Fellowships

The HSFP supports basic research that emphasizes novel, innovative, and interdisciplinary approaches to basic science that involve scientific exchanges across national boundaries. Short-term fellowships are reserved for those who wish to work for a short period in a laboratory in another country to learn or develop new techniques, to use instruments or technology not available in their own country, to establish collaborations in a new area of research, or to obtain pilot results to establish a new international collaboration. Independent young researchers are encouraged to apply. Doctoral students may apply under certain conditions. Applications may be submitted at any time of the year.

Details: http://www.hfsp.org/how/appl_forms_STF.php

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring

The National Science Foundation is seeking nominations for the Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) program which seeks to identify outstanding individual mentoring efforts or organizational programs designed to enhance the participation of groups underrepresented in science, technology, engineering, and mathematics. Only one award will be made to a single organization or an individual at that organization per annual competition. Nominations may only be considered for one of the two categories of award, either "individual" or "organizational," but not both. Individual nominees must have served as a mentor for at least five years prior to nomination. In addition to the grant award of \$25,000 each, each awardee will be invited to Washington, D.C., for an awards ceremony and meetings and focused workshops addressing effective mentoring of students from underrepresented groups.

LIMITED SUBMISSION: The University of Tennessee, as accredited, can nominate only one faculty member or organization

Key dates: 23 March and 06 October 2010 full proposal deadlines (two rounds)

Details: http://www.nsf.gov/pubs/2010/nsf10520/nsf10520.htm?WT.mc_id=USNSF_25

NRC-NRL Cooperative Research Associateship Program

Sponsored by the U.S. Department of Defense, Department of the Navy, Naval Research Laboratory (NRL), and the General Laboratory Scientific Interchange Programs, this program supports postdoctoral scientists and engineers' research on problems that are compatible with interests of the sponsoring laboratories and that contribute to the overall effort of the NRL. For recent doctoral graduates, it supports concentrated research in association with NRL staff, often as a climax to formal career preparation. The stipend level is \$66,767 annually. Associateships are awarded to individuals who have held a doctorate less than five years at the time the award is offered and are made initially for two years. The complete application package can be found online.

Key dates: 01 February, 01 May, and 01 August 2010 application deadlines

Details: <http://hroffice.nrl.navy.mil/jobs/postdoc.htm>

Opportunities through ORAU/ORISE

Oak Ridge Associated Universities and the Oak Ridge Institute for Science and Education offer a wide array of summer and continuing fellowships, internships, and other opportunities, for faculty in higher education, postdocs, graduate students, undergraduates, and others.

Details: <http://see.ornl.gov/>

DOE ARPA-E Fellows Program

The U.S. Department of Energy is creating a fellowship program that seeks applicants from the nation's next generation of energy innovators. Participants in the ARPA-E Fellows program will help create the strategic direction and vision for the country's first agency devoted to transformational energy technology research and development. Terms of the fellowship are a maximum of two years.

Details: <http://arpa-e.energy.gov/JO.html>