



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

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News and Opportunities

Office of Research & Engagement

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10-12-2012

## Office of Research, News & Opportunities, October 12, 2012

University of Tennessee Office of Research

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### Eighmy takes post in research office

A research administrator from Texas Tech University has become the vice chancellor of research and engagement for the University of Tennessee, Knoxville.

Taylor Eighmy had been in research administration at Texas Tech since 2009, most recently as senior vice president for research.

"It is an honor and privilege to join the the University of Tennessee community," said Eighmy. "There is immense potential here and the opportunity to aspire to big ideas associated with being a Top 25 research university is very compelling.

"This university can be a real exemplar for what a great public research university can be. I look forward to working with the faculty, department heads, deans, senior administrators, and our external partners to realize these aspirations."

At Texas Tech, Eighmy led an initiative to qualify the university as a National Research University under Texas law and recruited distinguished senior faculty in the STEM disciplines. He also launched an internal competition to support excellence in the creative arts, humanities, and the social sciences.

Eighmy has PhD and master's degrees in civil and environmental engineering from the University of New Hampshire, where he was also a research professor and founding director of the school's environmental and recycled materials research groups. His undergraduate degree in biology is from Tufts University.

Eighmy will also provide campus leadership for UT's growing engagement portfolio, with particular focus on engaged outreach and other partnering opportunities.

Eighmy takes the post from Lee Riedinger, physics professor and director of the Bredesen Center for Interdisciplinary Research and Graduate Education, who has served as interim vice chancellor for the past year.

### UT undergrad journal seeks papers

*Pursuit*, UT's journal for undergraduate research, is soliciting submissions its spring 2013 number. UT faculty are invited to encourage undergraduates who are preparing research papers to make a submission to *Pursuit* (Vol. 4, No. 2).

The journal accepts advanced, original, research-based articles from undergraduate students in all colleges at UT. Graduates may submit their work within one year of their graduation date.

**Key date:** October 31 2012 — submission of article electronically via Trace

**Submission requirements:** <http://trace.tennessee.edu/pursuit/about.html>,

### UT hosts special NSF communications workshop

*2nd day of program targets invitation-only researchers*

A National Science Foundation communications workshop designed to improve the public communications skills of researchers will be held on the University of Tennessee campus on November 7 and 8, 2012.

"Science: Becoming the Messenger" is designed to help university researchers at all experience and education levels communicate effectively with a broad public. TN-SCORE and the UT Office of Research are cohosting the event.

Workshop events on November 7 will be open to principal investigators, early-career researchers, postdocs, and graduate students from universities, colleges, and other research-related institutions in Tennessee. Public information officers at Tennessee institutions of higher education are also invited to attend.

Sessions on November 8 will be limited to a small group of specially selected researchers who will be helped to refine their message further and trained to talk effectively with their colleagues, public audiences, and the media. There is no registration fee, but preregistration is required. The workshop will take place in the Ray Mears Room of Thompson-Boling Arena.

**Requirements:** Participants must bring a laptop for both days, create a Twitter account prior to the workshop, commit to attend the November 7 workshop for the entire day, and, if chosen, commit to attend the November 8 workshop for the entire day.

The program is offered by the NSF as part of its efforts to make the state's colleges and universities more competitive in winning federal support for research. TN-SCORE — the Tennessee Solar Conversion and Storage using Outreach, Research, and Education program — is supported by the NSF's Experimental Program to Stimulate Competitive Research (EPSCoR).

**Key date:** Friday, October 26, 2012 — online registration deadline

**Details:** [http://www.nsf.gov/events/event\\_summ.jsp?cntn\\_id=125293&org=NSF](http://www.nsf.gov/events/event_summ.jsp?cntn_id=125293&org=NSF)

### Millionth Trace download is paper on voting

An honors thesis by a University of Tennessee law student became a milestone on September 25 for Trace, the Tennessee Research and Creative Exchange.

Daniel Steven Roberts' paper, "Why We Don't Vote: Low Voter Turnout in U.S. Presidential Elections," was the one-millionth download from Trace, the University Libraries' digital archives. In total Roberts' thesis was downloaded 78 times.

Other popular titles downloaded around the milestone include "Employers Asking for Social Media Passwords," a short paper by Bonnie Jones from the Municipal Technical Advisory Service, and another Chancellor's Honors paper, "The 'Indie' Sound: A Band's Guide to Success in the Competitive Indie Market. An Evaluation of Touring Trends & Tricks of the Trade" by Nicole Stratman.

Trace is an archive for scholarly work produced by the UT community, including faculty members looking for a place to share their scholarship and research, and students seeking to preserve their best work. Launched in September 2009, the archive now includes some 14,750 articles, data sets, multimedia works, and image collections from UT sources, more than half of them downloaded in the past year.

Library statistics show that use of Trace is growing. More than 60 percent of the downloads have occurred in the last 12 months.

**Contact:** Seth Jordan ([sjordan@utk.edu](mailto:sjordan@utk.edu), 865-974-4121), Trace administrator

**Details:** <http://trace.lib.utk.edu/groups/tracewiki/>

### Compliance training available for faculty, students

The Office of Research is adding the Collaborative Institutional Training Initiative's training program on export control to other online training modules it offers. UT researchers can take training on IRB/human subjects, responsible conduct of research (RCR), and conflict of interest (COI) requirements.

**Contact:** [ortraining@utk.edu](mailto:ortraining@utk.edu)

*From the Gates Foundation*

**Latest round of Grand Challenges solicited**

The Gates Foundation is accepting proposals for round 10 of its Grand Challenges Explorations awards, an initiative to encourage innovative and unconventional global health and development solutions. Applicants at any experience level, in any discipline, and from any organization can submit proposals in these areas:

- ~ Labor-saving innovations for women smallholder farmers
- ~ New approaches in model systems, diagnostics, and drugs for specific neglected tropical diseases
- ~ New approaches for the interrogation of antimalarial compounds
- ~ Aid is working — tell the world.

**Key date:** November 7, 2012 — online submission of two-page proposal

**Details:** <http://www.grandchallenges.org/explorations/Pages/introduction.aspx?extid=gce>

**Toilet makeover enters third phase**

The Gates Foundation is soliciting letters of inquiry for round three of its Reinvent the Toilet Challenge. The foundation will award grants to exceptional research groups interested in contributing major advances in human sanitation in the developing world.

Successful applicants will design, prototype, and test entirely stand-alone, self-contained, practical sanitation modules that take in bodily wastes or fecal sludge and dispose of them swiftly without incoming water piping, outgoing sewer piping, or electric or gas utility services. Solutions for both family and neighborhood modules must take into account assured biosafety.

**Key date:** November 8, 2012 by 11 p.m. Pacific Standard Time — online submission of letter of inquiry

**Details:** <http://www.gatesfoundation.org/infographics/Pages/reinvent-the-toilet-info.aspx>

**Applications taken for TB vaccine program**

The Gates Foundation is soliciting applications for projects that develop novel approaches to vaccination against *Mycobacterium tuberculosis* and/or develop models of natural transmission of the disease.

**Key date:** November 26, 2012 — submission of a letter of inquiry

**Details:** <http://www.grandchallenges.org/GrantOpportunities/Pages/TBVaccineAccelerator.aspx>

**September issue of funding newsletter posted**

The September 2012 issue of *Research Development & Grant-Writing Newsletter* (Vol. 3, No. 1) is available on the Office of Research website, showcasing the following features and columns:

- Multidisciplinary University Research Initiative
- Value of Informational Transformation Proposals
- Too Much Data?
- Training Topic: NSF GRF and Ford Fellowships
- Why Halloween Is Bad for Proposals, Part 6
- Writing the NSF I/URC
- Research Grant Writing Web Resources
- Agency Reports, Workshops & Roadmaps
- Disaster Resilience: A National Imperative*
- Assuring a U.S.-Based Nuclear and Radiochemistry Expertise
- Competition for Sustainability: People, Prosperity, & Planet
- Council of American Overseas Research Centers

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>

**JDRD funding window opens for UT faculty**

The Science Alliance is seeking proposals from select UT faculty members for Joint Directed Research and Development program funding. The program offers UT faculty the opportunity to do collaborative research with Oak Ridge National Laboratory on projects that position ORNL for scientific and technical leadership in future national research initiatives.

The JDRD program will invest up to \$400,000 in support of eight to 10 new projects.

**Key date:** Monday, November 12, 2012, by 5 p.m. — electronic submission of application to Lynne Parker ([leparker@utk.edu](mailto:leparker@utk.edu))

**Details:** <http://www.scialli.org/jdrd.shtml>

**Mic/Nite presentations set for October 24**

The UT Office of the Provost is sponsoring the fall edition of Mic/Nite on October 24, 2012 at the Relix Variety Theater, 1208 North Central Avenue, Knoxville.

The Pecha-Kucha-like program will feature 11 presentations no longer than 6 minutes and 40 seconds each by UT faculty. The evening includes a social hour at 5:30, with a cash bar and pizza, followed by the presentations at 6:30 p.m. Admission is free to faculty and staff and their partners, but an online RSVP is required for door prize eligibility.

**Key date:** October 19, 2012 — online RSVP

**Details:** <http://provost.utk.edu/mic-nite/>

**UTRF hosts Tech Council, Wheeley awards**

The UT Research Foundation will host the October meeting of the Tennessee Valley Technology Council at 11:30 a.m. on Wednesday, October 24, 2012, in the UT Visitor's Center at the corner of Kingston Pike and Neyland Drive.

The program will include presentation of the Otto and Kathleen Wheeley Research Awards, a panel discussion on development of intellectual property on UT's Knoxville and Memphis campuses, and overviews of the Cherokee Farm and Tennessee Solar Institute.

**Key date:** October 15, 2012 — online registration

**Details:** <http://tvtc-october-utrf-meeting.eventbrite.com/>

**Undergrad activities sought for inventory**

The UT Office of Undergraduate Research assembles an inventory on undergraduate research and creative achievement so that UT students can identify possible sources for involvement as they pursue their university careers. Administrators use it as a measure of campus activities. The inventory is being compiled again to include activities that took place in fall 2011 and spring and summer 2012 semesters. The information needed includes

- ~ Student last name
- ~ Student first name
- ~ Student net ID
- ~ Faculty last name
- ~ Faculty first name
- ~ Faculty email
- ~ College
- ~ Department
- ~ Project title
- ~ Timeframe
- ~ Other

Please submit the information to Sharon Pound ([spound@utk.edu](mailto:spound@utk.edu)) or call 865-974-1475 with questions.

