



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

---

Awards and Recognitions

Office of Research & Engagement

---

10-26-2011

## Office of Research, Awards & Recognition, October 26, 2011

University of Tennessee Office of Research

Follow this and additional works at: [https://trace.tennessee.edu/utk\\_researchawards](https://trace.tennessee.edu/utk_researchawards)

---

### Recommended Citation

Office of Research, University of Tennessee, "Office of Research, Awards & Recognition, October 26, 2011" (2011). *Awards and Recognitions*.  
[https://trace.tennessee.edu/utk\\_researchawards/75](https://trace.tennessee.edu/utk_researchawards/75)

This Newsletter is brought to you for free and open access by the Office of Research & Engagement at TRACE: Tennessee Research and Creative Exchange. It has been accepted for inclusion in Awards and Recognitions by an authorized administrator of TRACE: Tennessee Research and Creative Exchange. For more information, please contact [trace@utk.edu](mailto:trace@utk.edu).

## AWARDS AND RECOGNITIONS

<http://research.utk.edu>

OCTOBER 26, 2011

### AWARDS FOR OCTOBER 1–21, 2011

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Anderson, David	Survey of Archaeological Sites in Bells Bend Area, Nashville, TN (2011)	Tennessee Historical Commission	\$17,984
Becker, Jeffrey; Podar, Mircea	Microbiota and its Role in Health and Disease	UT-Battelle - ORNL	\$36,677
Classen, Aimee	Collaborative Research: Fungal Responses to Warming Will Shape Decomposition	UT-Battelle - ORNL	\$11,979
Dolislager, Fredrick; Galloway, Leslie; Gross, Louis; Stewart, Debra	Risk Integration Support for FY 2012 WR63, Rev 000	DOE - URS CH2M Oak Ridge LLC (UCOR)	\$650
Guidry, Michael	Neutron Image Modeling	UT-Battelle - ORNL	\$8,268
Hatcher, Robert	Two-Year Collaborative Research Project to Assess Large Earthquake Seismology	Nuclear Regulatory Commission	\$60,000
Jenkins, David	Synthesis of Novel Ligands for the Extraction of Uranyl from Seawater	UT-Battelle - ORNL	\$36,665
McCracken, Gary	Subcontract with Boston University Project Titled: The Effect of Sociality	Boston University	\$324,910
O'Neill, Hugh	Investigation of Photosynthetic Membranes Using Small-Angle Neutron Scattering	UT-Battelle - ORNL	\$16,982
Ohnesorg, Stefanie	do Deutsch	Embassy of the Federal Republic of Germany	\$10,000
Perfect, Edmund	Neutron Imaging of Fluids in Rocks and Soils	UT-Battelle - ORNL	\$16,370
Sepaniak, Michael	Separation Chemistry and Inorganic Mass Spectrometry for Nuclear Forensic Analysis	BWXT Y-12, LLC	\$45,391
Shen, Jian	LSU Subcontract to UT Physics for Portion of DOE SISGR Project	Louisiana State University	\$75,512
Sokolov, Alexei	Dynamics of Proteins and Hydration Water: Neutron Scattering Studies	UT-Battelle - ORNL	\$576
Sokolov, Alexei	Dynamics of Proteins and Hydration Water: Neutron Scattering Studies	UT-Battelle - ORNL	\$15,000
Vonarnim, Albrecht	Analysis Software and Algorithm Development - Manesh Shah	UT-Battelle - ORNL	\$19,293
Yerka, Stephen; DeCorse, Elizabeth	Addendum to In-Field Archaeological Geophysical Consultation, Oxford Recreation	Goodwyn, Mills Cawood, Inc.	\$5,797
Zhang, Zhenyu	Experimental and Numerical Studies of the Optical Properties	UT-Battelle - ORNL	\$36,036
Zhu, Wenguang	Theory and Simulations of Nanoscale Materials	UT-Battelle - ORNL	\$11,767
Zhu, Wenguang	Turning Chalcopyrites into Dilute Magnetic Topological Insulators (DMTI)	UT-Battelle - ORNL	\$20,833
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Cathey, Amy	MBA Graduate Student Support for Y-12 Fall 2009	BWXT Y-12, LLC - ORNL	\$13,085
Fox, William; Bruce, Donald	THEC Long-range Projections of the TELS	Tennessee Higher Education Commission	\$20,000
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Benner, Susan	Tennessee State Professional Development Project: Gearing Up for RTI	State of Tennessee	\$399,376
Brewer, Ernest	Educational Opportunity Center	U.S. Dept. of Education	\$451,653
Dunn, Patrick; Skinner, Amy	Enhancing Capacity for Training Rehabilitation Counselors through Distance Education in Tennessee & Surrounding States	U.S. Dept. of Education	\$150,000
Ponder, Beth	LINCS Regional Professional Development Centers Program	U.S. Dept. of Education	\$374,004
Spence, Marsha	Training Tomorrow's Public Health Nutrition Leaders: Revision of Strategies	Association of Graduate Programs in Public Health Nutrition	\$17,700
<b>COLLEGE OF ENGINEERING</b>			
Alshibli, Khalid	Integrated Experimental-Computational Multiscale Immersed Particle-Continuum	University Of Colorado	\$27,321
Baker, Allen; Wong, Kwai	Scalable Thermal Analysis for Real-Time Signatures (STAR)	DOD - Department of the Army	\$176,233
Blalock, Benjamin	Frequency Synthesizer Design and ASIC Development for FMI Phase II NASA SBIR	Chronos Technology	\$97,877
Bray, Larry	GLMRIS Study - Commercial Navigation - Overland Impact Analysis	DOD - Army Corp of Engineers	\$264,322
Hall, Howard	Technical Support for IAEA Safeguards	UT-Battelle - ORNL	\$15,000
Hamel, William	Study of the Ventilation of Residential Attics: Is Ventilation Necessary?	UT-Battelle - ORNL	\$10,332

## AWARDS FOR OCTOBER 1–21, 2011 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
He, Qiang	Functional Analysis of Biomass Samples from Anaerobic Digestion	Novozymes	\$65,734
Mandrus, David	Correlated and Complex Materials	UT-Battelle - ORNL	\$18,144
Poore, Jesse; Swain, William	SNS Analysis Software Architecture and Prodess Definition	UT-Battelle - ORNL	\$46,953
<b>COLLEGE OF SOCIAL WORK</b>			
Choi, Sunha	Disparities in the out-of-pocket financial burden and total health care	Gerontological Society of America	\$25,000
<b>CAMPUS CENTERS &amp; INSTITUTES</b>			
Harrison, Robert	F Wavelength-Division Multiplexed Quantum Communication Network	UT-Battelle - ORNL	\$25,000
Harrison, Robert	Computational Science Workflow System	UT-Battelle - ORNL	\$26,218
Kovatch, Patricia	XD Technology Audit and Insertion Service	University of Illinois at Urbana-Champaign	\$247,000
Labello, Jesse Michael	Effects of Cryodeposits on Optical and Mechanical Systems in AEDC Space Simulation Test Chambers	Aerospace Testing Alliance	\$41,216
Labello, Jesse Michael	Evaluate the Effects of Cryodeposits on Optical and Mechanical Systems in AEDC Space Simulation Test Chambers	Aerospace Testing Alliance	\$10,840
Nichols, Jeffrey	Develop 3-D Diffusion/Evolution Equations	UT-Battelle - ORNL	\$26,798
Saylor, Gary; Cox, Chris; Jouligne, Igor; Smith, Jeremy; Stewart, Charles	Cellulosic Biomass Deconstruction, Characterization and Modeling	UT-Battelle - ORNL	\$400,000

## RECOGNITIONS

**Craig Barnes**, former head of UTK's chemistry department, has taken the post of interim director of the Science Alliance. The alliance was created in 1984 as the state's largest center of excellence with a goal of improving scientific collaboration between the university and Oak Ridge National Laboratory.

**Larry Bray**, research professor in economics, recently appeared before a subcommittee of the House Committee on Transportation and Infrastructure to speak about inland waterways and the significance of commercial inland navigation to the U.S. economy.

**Rob Blitt**, associate professor of law, is the new co-chair for the Human Rights Interest Group of the American Society of International Law.

**David B. Clarke**, director of UT's Center for Transportation Research has been appointed chair of the rail transportation committee of the Transportation & Development Institute of the American Society of Civil Engineers.

**Chris Cox**, professor and associate head in civil and environmental engineering, has been named director of the Institute for a Secure and Sustainable Environment. ISSE promotes the development of policies, technologies, and educational programs that address environmental issues and engage research faculty and staff across multiple disciplines.

**Thomas Coens**, research associate professor of history, will present "New Revelations: Andrew Jackson and Indian Removal" at the U.S. Department of the Interior Museum on November 2, 2011. Coens, associate editor of UT's publishing project on the papers of Andrew Jackson, will focus on Jackson's role in securing an 1830 Choctaw removal treaty.

**Dave Ilove**, research professor in electrical engineering and computer science, has been named a fellow of the Society of Fire Protection Engineers.

**Amy L. Skinner**, associate professor of rehabilitation counseling, was one of two women to receive the Equality honor at the YWCA Tribute to Women this summer. Skinner has been active with the Knoxville Mayor's Council on Disability Issues, Goodwill Industries of Knoxville, and state and regional rehabilitation associations.

**Penny White**, professor of law, has been named to the board of directors of the Tennessee Supreme Court Historical Society.

UT Knoxville School of Art printmaking faculty members **Beauvais Lyons**, **Althea Murphy-Price**, and **Koichi Yamamoto** are featured in an exhibition titled "In Balance" presented at the University of Southern Mississippi Museum of Art through November 5, 2011. The exhibition offers an extensive look at

work by all three artists, including intaglios, lithographs, relief prints and monoprints. In conjunction with the exhibition both Yamamoto and Murphy-Price are presenting public lectures at the University of Southern Mississippi.

MBA students **Kimel Fryer**, **Laronda Jones**, and **Alex McGhee** recently placed sixth among 22 competitors at the 2011 National Black MBA Association Case Competition. The three presented on ways that Chrysler Corp. can excel at attracting and retaining top talent.

**David Chandler**, who recently completed a Ph.D. in nuclear engineering at UT, was recognized with a best-paper award at the 2011 COMSOL Multiphysics Conference in Newton, Mass. Chandler's paper was one of three named best from among some 100 papers.

### WANTED: Scholar of the Week Nominations

The Office of Research is seeking nominations for the **Quest Scholar of the Week**, a service that recognizes faculty who have shown recent accomplishment in research, scholarship, and creative activities.

Deans, department heads, and faculty members are eligible to nominate faculty for the honor. Nominations should include a short paragraph with department and rank, specific field of work within the discipline, and the scholar's most recent noteworthy accomplishment. Direct nominations to Alan Rutenberg (arutenberg@utk.edu).

### Do You Want to be Recognized?

The *Awards and Recognitions* newsletter seeks news of recent scholarly honors received by UTK faculty, graduate students, and undergraduates. Direct news items to Bill Dockery (dockeryb@utk.edu).