



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

Awards and Recognitions

Office of Research & Engagement

10-17-2012

Office of Research, Awards & Recognition, October 17, 2012

University of Tennessee Office of Research

Follow this and additional works at: https://trace.tennessee.edu/utk_researchawards

Recommended Citation

University of Tennessee Office of Research, "Office of Research, Awards & Recognition, October 17, 2012" (2012). *Awards and Recognitions*.
https://trace.tennessee.edu/utk_researchawards/91

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.

AWARDS AND RECOGNITIONS

<http://research.utk.edu>

OCTOBER 17, 2012

AWARDS FOR SEPTEMBER 22–OCTOBER 7, 2012

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Bingham, Carrol	Matching Funds - UT/ORNL Joint Institute	DOE - UT-Battelle - ORNL	\$50,000
Dagotto, Elbio	Theoretical Studies of Model Hamiltonians	DOE - UT-Battelle - ORNL	\$32,000
Emery, Joshua	OSIRIS-REx	University of Arizona	\$4,207
Ezzell, Timothy	Development of Best Practices among Case Study Communities from the Strategies	Appalachian Regional Commission	\$99,557
Gross, Louis	UT-Battelle EPA Risk - Environment Assessment and Decision Analysis	DOE - UT-Battelle - ORNL	\$240,000
Guidry, Michael	Neutron Image Modeling	DOE - UT-Battelle - ORNL	\$40,930
Hollenbach, Kandace	Paleoethnobotanical Analysis of 1Je391, Jefferson County, Alabama	University of Alabama	\$1,162
Kah, Linda	MAHLI – Mars HandLens Imager for the Mars Science Laboratory	Malin Space Science Systems	\$243,997
Kilbey, Sidney	Understanding In-Situ Chemical Transformations of Polymer Brush-Modified Surface	National Science Foundation	\$1,997
Kilbey, Sidney; Mays, Jimmy	Role of Chain Microstructure and Branching on Solution and Thin Film Phase	DOD - Department of the Army	\$144,000
McHargue, Carl; Weitering, Hanno; Meisner, Roberta	Investigations of Hydrogen Storage in Metallic Thin Films	DOE - UT-Battelle - ORNL	\$5,000
Peterson, Cynthia; Baudry, Jerome	Novel Self-Limiting Prothombinase Inhibitors	Shifa Biomedical Corporation	\$99,287
Simek, Jan	Prehistoric Site Survey and Assessment on the South Cumberland Plateau 2012	Tennessee Historical Commission	\$21,896
Vonarnim, Albrecht	Graduate Research Weili Xiong	DOE - UT-Battelle - ORNL	\$12,000
Ziock, Klaus-Peter	Technical Support for Development of a Crystal Compton Camera	DOE - UT-Battelle - ORNL	\$40,930
COLLEGE OF BUSINESS ADMINISTRATION			
Carruthers, Celeste	The Consequences of Tenure Reform	Northwestern University	\$36,050
COLLEGE OF COMMUNICATION & INFORMATION			
Fleming-May, Rachel	Virtual Verse in the Library: Surveying the e-Poetry Landscape	Institute of Museum Library - Office of Museum Services	\$49,938
Suttles, Barbara	Technical Support to the Computational Data Analytics	DOE - UT-Battelle - ORNL	\$66,210
COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES			
Brewer, Ernest	Academic Enrichment Upward Bound	US Department of Education	\$347,684
Colby, Sarah	iCook-4H: A 4-H Program to Promote Culinary Skills and Family Meals for Obesity	University of Maine	\$55,014
Morse, Stephen	The Economic Impact of Whitewater Rafting on the Ocoee River on the Area Economy	America Outdoors Association	\$6,750
Skolits, Gary; Robinson, Stephanie	Evaluation of TEACH Project	University of Louisiana at Monroe	\$75,000
COLLEGE OF ENGINEERING			
Beck, Micah	Collaborative Research: CC-NIE Network Infrastructure: An Open Cloud	National Science Foundation	\$171,829
Bray, Larry	Technical Support of TVA Navigation Mission	Tennessee Valley Authority	\$31,694
Dmowski, Wojciech	High Energy X-ray Diffraction Measurement and Data Analysis	Office of Naval Research	\$29,999
Duscher, Gerd	Atomic-scale Investigation of Energy Materials	DOE - UT-Battelle - ORNL	\$40,000
Fu, Joshua	Energy, Economic and Climate Project	DOE - UT-Battelle - ORNL	\$39,000
Gregor, Jens	ARRA: Algorithm Development for Neutron/X-ray Imaging System	DOE - UT-Battelle - ORNL	\$62,267
Komistek, Richard; Sharma, Adrija	In Vivo Mechanics Analysis of Patients Having Either a Sigma PS Fixed or Mobile	DePuy Products Incorporated	\$111,490
Mandrus, David	Anisotropic Itinerant Ferromagnets	DOE - UT-Battelle - ORNL	\$77,596
Miller, L.; Melcher, C.; Penumadu, D.	Transformational Scintillation Materials for Neutron and Gamma Detectors and Education Integration	US Department of Homeland Security	\$235,500
Rack, Philip	Molecular Scale Engineering and Nanoscale Technologies	DOE - UT-Battelle - ORNL	\$10,000
Ruggles, Arthur	Assessment of Single Jet, and Twin Jet Mixing Using Ultrasonic Doppler	DOE - Argonne National Lab	\$74,952
Ryerson, Megan	Analysis and Models for Aviation Environmental Policy Analysis	The Mitre Corporation	\$12,000
Swain, William	Cyber-Security Analysis Support to the ORNL Center for Trustworthy Embedded	DOE - UT-Battelle - ORNL	\$235,684
Tolbert, Leon	Microgrid Protection	DOE - UT-Battelle - ORNL	\$45,000
Tomsovic, Kevin	Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network	ALSTOM Power, Inc.	\$10,000

AWARDS FOR SEPTEMBER 22–OCTOBER 7, 2012 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Tomsovic, Kevin	Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network	National Rural Electric Cooperative Association	\$10,000
Tomsovic, Kevin	Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network	PJM Interconnection	\$45,000
Walford, Graham; Miller, Laurence	Rapid Location of Radiation Sources in Complex Environments Using Optical	DOD - Department of the Air Force	\$50,260
Wirth, Brian	Plasma Science Center: Bridging the PSI Knowledge Gap through Multiscale	University of California-Berkeley	\$300,000
Zawodzinski, Thomas	Gordon Research Conference on Fuel Cells	DOD - Army Research Office	\$10,000
Zhuravleva, M.; Koschan, M.; Melcher, C.	Scale-up to Success: Pioneering Crystal Growth of Large High Resolution	US Department of Homeland Security	\$235,920
COLLEGE OF NURSING			
Mefford, Linda	Collaborative Partnership with the Neonatal Abstinence Syndrome (NAS) Team	East Tennessee Children's Hospital	\$1,318
COLLEGE OF SOCIAL WORK			
Campbell, Paul; Cunningham, Maryanne	Alzheimer's Innovation Program Evaluation FY11	Tennessee Commission on Aging	\$13,754
CAMPUS CENTERS & INSTITUTES			
Cox, Chris	Administrative Support for East Tennessee Clean Fuels Coalition - 2012	East Tennessee Clean Fuels Coalition	\$19,435
Halloy, Christian	Galindo Generalized UQ Framework	DOE - UT-Battelle - ORNL	\$8,795
Halloy, Christian	Whitten User Support	DOE - UT-Battelle - ORNL	\$51,081
Halloy, C.; Harrison, R.	Basford LandScan Program	DOE - UT-Battelle - ORNL	\$9,839
Halloy, C.; Harrison, R.	Climate Change Strategy	DOE - UT-Battelle - ORNL	\$23,031
Peterson, Gregory	XSEDE: eXtreme Science and Engineering Discovery Environment	University of Illinois	\$3,485,333
Pfiffner, Susan; Vishnivetskaya, Tatiana	Computational Analyses and Interpretation of Genomic Sequencing Data	DOE - UT-Battelle - ORNL	\$7,500
OTHER			
Hopkins, John	23rd NSF EPSCoR National Conference	National Science Foundation	\$420,119

RECOGNITIONS

Richard Bennett, professor and director of the Engage Engineering Fundamentals Division, has been named a fellow of the Masonry Society for outstanding contributions to the society.

Daniel Feller, professor of history and editor/director of *The Papers of Andrew Jackson*, will present "The People's Will Denied? Backroom Politics and the Election of 1824" on October 16, 2012, as part of the Amicus Curiae lecture series of the Simon Perry Center for Constitutional Democracy at Marshall University.

Bin Hu, associate professor of materials science and engineering, organized a workshop on organic solar cells recently held in Arlington, VA. The workshop was supported by the National Science Foundation, the Office of Naval Research, and UT's SEERC and TN-SCORE organizations.

George Hyfantis, adjunct professor of civil and environmental engineering, has been appointed to the state Underground Storage Tank and Solid Waste Disposal Control Board by Tennessee Gov. Bill Haslam. Hyfantis has served on related state boards in the past.

Kim Kallstrom, a program administrator in the College of Engineering's Reliability and Maintainability Center, has been recognized as a 2012 Leader Under 40 by *Plant Engineering* magazine.

Karla McKanders, associate professor of law, has had an article, "Anatomy of an Uprising: Women, Democracy, and the Moroccan Feminist Spring," in the spring 2013 issue of the *Texas Journal of Women and Law*.

Witold Nazarewicz, professor of physics, is to be recognized with the Distinguished Scientist Award from Oak Ridge National Laboratory on November 16, 2012. Nazarewicz is being honored for his work in developing and applying nuclear functional theory and for his role in the promotion of radioactive beam physics in the United States.

Greg Stein, associate dean of the College of Law, has had two papers accepted for publication. The *Vermont Law Review* has published "The Modest Impact of *Palazzolo v. Rhode Island*" from a symposium on regulatory takings law at Georgetown Law School. The *Arizona Journal of International and Comparative Law* has scheduled "Is China's Housing Market Heading Toward a US-Style Crash?" for publication.

Ritesh Sachan, a graduate student in materials science and engineering, won first place for his poster presentation at the annual meeting of Microscopy and Microanalysis in Phoenix. Sachan works under **Ramki Kalyanaraman** and **Gerd Duscher**, both associate professors of material science and engineering.

We want to know what makes you proud!

We are looking for your good news. Please share with us information about honors and awards, fellowships and offices, and other significant recognition that you have received recently. Please submit your items to Bill Dockery at dockeryb@utk.edu and we'll spread the word.