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Awards and Recognitions

Office of Research & Engagement

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Office of Research, Awards & Recognition, October 31, 2012

University of Tennessee Office of Research

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AWARDS AND RECOGNITIONS

<http://research.utk.edu>

OCTOBER 31, 2012

AWARDS FOR OCTOBER 8–28, 2012

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Alley, David	Arts & Heritage Grant 2013	Arts & Cultural Alliance of Greater Knoxville	\$9,458
Allison, David	Destroying Pathogenic Bacteria Using Targeted-Nanoparticles	DOE - UT-Battelle - ORNL	\$12,807
Barnes, Craig	ARRA: Chemical Catalysis for the Conversion of Renewable Feedstocks into Chemical and Fuels	UT Institute of Agriculture	\$39,548
Bingham, Carrol	Matching Funds - UT/ORNL Joint Institute	DOE - UT-Battelle - ORNL	\$80,000
Buchan, Alison	ARRA: Chemical Catalysis for the Conversion of Renewable Feedstocks into Chemical and Fuels	UT Institute of Agriculture	\$60,800
Dadmun, Mark	Characterization of Lignin Feedstock for use in Improved Carbon Fiber	DOE - UT-Battelle - ORNL	\$47,142
Daverman, Robert	American Mathematical Society - Daverman	American Mathematical Society	\$99,393
Dolislager, Fredrick; Gross, Louis	Risk Integration Support for FY 2013 WR65, Rev 000	DOE - URS CH2M Oak Ridge	\$3,116
Dolislager, Fredrick; Gross, Louis	ETTP Zone 1 Final ROD Support FY 2013 WR66, Rev 000	DOE - URS CH2M Oak Ridge	\$9,000
Feller, Daniel	The Papers of Andrew Jackson	National Historical Publications and Records Commission	\$90,106
Fernandez, Elias	Biophysical Studies on Nuclear Receptor LBDs	DHHS - NIH - National Institute of General Medical Sciences	\$59,600
Hollenbach, Kandace	Subsistence Analysis of 1Ma391 and 1Ma18, Madison County, Alabama	Tennessee Valley Archaeological Research	\$5,614
Horn, Sally	Pleistocene-Holocene Climate Variability of the Southern Appalachian Region, SE U.S.	National Science Foundation	\$15,000
Labotka, Theodore	Junior Science and Humanities Symposia	Academy of Applied Science, Inc	\$22,000
Larese, John	Neutron Scattering Studies of Surface Mediated Chemical Reactions	Eastman Chemical Co.	\$204,071
Moersch, Jeffrey	Assessment of Subsurface Hydrogen Content and Geochemical Anomalies	NASA - Headquarters	\$50,000
Riedinger, Leo	Van Wesep GDF CIRE	DOE - UT-Battelle - ORNL	\$13,782
Sokolov, Alexei	Theoretical Studies of Decoupling Phenomena in Dynamics of Soft Materials	DOE - UT-Battelle - ORNL	\$25,931
Vonarnim, Albrecht	Proteome Informatic Assistance for New England Biolabs	New England Biolabs	\$18,708
COLLEGE OF BUSINESS ADMINISTRATION			
Moore, John	Provide Services Supportive of the Wage and Hour Div. of the Employment Standards Adm.	US Department of Labor	\$885,806
Murray, Matthew; Bruce, Donald; Fox, William; Luna, Leann	Economic Report to the Governor 13	Tennessee Department of Economic and Community Development	\$185,600
COLLEGE OF COMMUNICATION & INFORMATION			
Suttles, Barbara	OSTI Reference Linking Project	Information International Associates	\$5,000
COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES			
Raynor, Hollie	Translating Habituation Research to Interventions for Pediatric Obesity	State University of New York Syracuse	\$23,511
COLLEGE OF ENGINEERING			
Bray, Larry	Traffic Diversion Study Greenup Lock Closures	URS Corporation	\$60,842
Duscher, Gerd	High Resolution Transmission Electron Microscopy of Metastable Nanomaterials	DOE - UT-Battelle - ORNL	\$31,996
Frymier, Paul; Cherry, Christopher; Irick, David; Tolbert, Leon	PSTAT: Promoting Sustainable Transportation Among Teens	US Environmental Protection Agency	\$15,000
Gao, Yanfei; Troparevsky, Maria	Theoretical Studies of Novel Properties of Metal/Alloy Nanoparticles	DOE - UT-Battelle - ORNL	\$53,216
Hayward, Jason	Alternative Detector System to Replace He-3 Detectors for Neutron Sciences	DOE - UT-Battelle - ORNL	\$26,000
Jin, Mingzhou; Zhu, Xiaoyan	Development of Performance Measurement for Freight Transportation	Louisiana State University	\$37,931
Maldonado, Guillermo	Development of Nuclear Reactor Models	DOE - UT-Battelle - ORNL	\$50,000
Maldonado, Guillermo	Fuel and Core Design Options to Overcome the Heavy Metal Loading Limit	Georgia Institute of Technology	\$358,000
Mandrus, David	Correlated and Complex Materials	DOE - UT-Battelle - ORNL	\$26,165

AWARDS FOR OCTOBER 8–28, 2012 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Pharr, George	Experimental Studies of Small-Scale Mechanical Behavior	DOE - UT-Battelle - ORNL	\$50,927
Qi, Hairong	Real-Time Smart Tools for Processing Spectroscopy Data	Signal Processing, Inc.	\$210,416
Terpstra, Daniel; Peterson, Gregory	A Co-Design Approach for Advances in Software and Hardware	Iowa State University	\$195,955
Tomsovic, Kevin	Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network	New York Independent Systems Operator	\$10,000
COLLEGE OF SOCIAL WORK			
Campbell, P.; Cheatham, J.	Signal Centers East CCR&R	Signal Centers, Inc	\$424,037
CAMPUS CENTERS & INSTITUTES			
Ahern, Sean; Huang, Jian; Klasky, Scott	ARRA: NCS Remote Data Analysis and Visualization Center	National Science Foundation	\$1,810,820
Fu, Joshua	Air Quality Assessment to MeadWestvaco on Potential VOC Emission Controls	MeadWestvaco, Inc.	\$36,060
Halloy, Christian	Basford LandScan Program	DOE - UT-Battelle - ORNL	\$10,802
Halloy, Christian; Harrison, Robert	Multiple Scattering Approaches to the Non-Collinear Magnetic Structure in Fe Based Alloys	DOE - UT-Battelle - ORNL	\$31,756
Halloy, Christian; Harrison, Robert	McCaskey Test Software	DOE - UT-Battelle - ORNL	\$4,000
Harrison, Robert	Stahl Advanced Analytic Methods	DOE - UT-Battelle - ORNL	\$16,000
Layton, Alice; Schwartz, John	Renewal of Integrated Watershed Management in Oostanuala Creek Watershed, Tennessee	UT Institute of Agriculture - AgResearch	\$293,188
Wright, Brian; Roush, Justin; Williamson, Robert	Regulatory Burdens and Poor Programs Outcomes	DOD - Department of the Navy	\$112,082
OTHER			
Hamrick, James	2012 Study of the US Institute for Brazilian Undergraduates	Institute for Training and Development	\$179,818
Reed, Sandra	NSF Graduate Research Fellowship Program	National Science Foundation	\$124,500
Schumann, David	The STARS Initiative: A Culturally Competent Approach for Understanding Food	UT Institute of Agriculture - AgResearch	\$9,913

RECOGNITIONS

An upcoming issue of Applied and Environmental Microbiology will feature cover photos taken by **Christopher Schadt**, research associate professor of microbiology, in conjunction with an article authored by Schadt and **Philip Jardine**, a research professor in the Institute for a Secure and Sustainable Environment, and other researchers. The article studies "Firing Range Soils Yield a Diverse Array of Fungal Isolates Capable of Organic Acid Production and Pb Mineral Solubilization."

Penny White, professor of law, has been selected for the 2012-13 Southeastern Conference Leadership Development Program. The program seeks to identify, prepare, and advance academic leaders for roles in SEC institutions.

A team that competed in a recent iGEM Jamboree in Pittsburgh brought home a bronze medal in UT's first-ever participation in the competition. Undergraduates **Morgan Baltz**, **Katie Lutes**, and **Akshitha Yarrabothula** represented UT in the competition, which is sponsored by the International Genetically Engineered Machine Foundation, an organization that promotes the advancement of synthetic biology. Powell High School senior **Brandon Wilbanks** was also a team member. **Michael Wierzbicki** and **Adam Thompson** were graduate advisors. Faculty advisors were **Cong Trinh**, assistant professor of chemical and biomolecular engineering, and **Dan Close**, a postdoctoral research associate in the Joint Institute for Biological Sciences.

Chemical engineering majors **Neil Brown** and **Hannah Haines** placed third in the 2012 NDConnect nanoscience poster competition held recently at Notre Dame University.

Marcus Jeter, a senior in mechanical engineering, has been awarded the Dorothy and Jack Nicholas Scholarship from the Society of Maintenance and Reliability Professionals.

Law students **Alicia McMurray** and **Matthew McGraw** won the 2012 Advocates Prize competition, over runners-up **Annie Ellis** and **Todd Skelton**. McGraw was named best oralist, and the pair was recognized for writing the best brief, over runners-up **Brooke Boyd** and **Ashley Batts**.

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.

WANTED!

Nominations for Scholar of the Week

The Scholar of the Week is a service of the UTK Office of Research. Through this award we recognize the recent important research, scholarship, and creative accomplishment of our faculty members and students.

Faculty can be recognized for publication of original research in rigorously refereed major journals, a major exhibit or performance in a national or international venue, a record of national grant or fellowship support awarded through peer review, national or international prizes or awards, invitations to hold endowed lectureships, and invited lectureships, particularly at major scholarly meetings.

Students who are recognized by peers as independent and original researchers can be nominated for publication of original research in refereed journals, a major exhibit or performance at a national or international venue, a record of national fellowship support, national or international prizes or awards, or other significant scholarly achievements recommended by a faculty mentor.

Instructions for submitting nominations can be found online at <http://quest.utk.edu/scholar-of-the-week>

