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Awards and Recognitions

Office of Research & Engagement

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4-29-2009

## Office of Research, Awards & Recognition, April 29, 2009

University of Tennessee Office of Research

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### Recommended Citation

Office of Research, University of Tennessee, "Office of Research, Awards & Recognition, April 29, 2009 " (2009). *Awards and Recognitions*.  
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## AWARDS AND RECOGNITIONS

<http://research.utk.edu>

APRIL 29, 2009

### AWARDS FOR APRIL 10–23, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARCHITECTURE &amp; DESIGN</b>			
Mcrae, John Malcolm	Professional Assistance for Architecture and Design	TN Department of Finance and Administration	\$5,000
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Angst, Michael G.	Phase I Archaeological Survey for KUB Sewer Project at Goose Creek, Knox County, TN	CH2M HILL	\$8,603
Breinig, Marianne	UT Research Assistant - Accelerator Physics	UT-Battelle, LLC-ORNL	\$47,410
Brummett, Palmira J.	The Ottoman Adriatic, c. 1500-1700 (Fellowship)	American Council of Learned Societies	\$60,000
Dadmun, Mark	Enhancing Functional & Structural Properties of Polymer Nanocomposites by Controlling Dispersion & Interfaces	National Science Foundation	\$5,500
Dagotto, Elbio Ruben	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,244
Decorse, Elizabeth Kellar	Architectural Resources Survey for Misty Cove Development and Sewer Line, Jefferson County, TN	Municipal Corp of Jefferson City	\$2,670
Eguiluz, Adolfo G.	Joint Faculty	UT-Battelle, LLC-ORNL	\$11,130
Galloway, Leslie D.; Gross, Louis J.	Mammalian Research	UT-Battelle, LLC-ORNL	\$13,047
Harden, Carol P.; Lee, Jaehoon	Collaborative Research: Effects of Land-Use Change on the Production of Ecosystem Services	National Science Foundation	\$77,112
Hollenbach, Kandace Renee	Micromorphological Analyses of Sites BRO-0509, ORA-9931, and BRO-117, The Millennium	Geoarchaeology Research Associates	\$3,678
Hollenbach, Kandace Renee	Geoarchaeological Analysis and Optically Stimulated Luminescence Dating of Sites 1MN417 and 1MB420	Robert E. Perry & Associates	\$1,992
Joy, David C.	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$3,500
Kovac, Jeffrey D.	2009 Governor's School for the Sciences and Governor's School for Engineering	TN Dept of Education	\$433,846
Nazarewicz, Witold; Papenbrock, Thomas Franz	UNEDF Universal Nuclear Energy Density Functional - (Formerly Subcontracted through University of WA)	Department of Energy, Office of Science	\$259,000
Peterson, Cynthia B.	Analysis Software and Algorithm Development	UT-Battelle, LLC-ORNL	\$52,925
Sepaniak, Michael J.	Integrating Electrokinetic Separations with Surfaces Sampling Mass Spectrometry	UT-Battelle, LLC-ORNL	\$17,694
Shepardson, Christine Carran	2008 - 2009 ACLS Fellowship - Christine Shepardson	American Council of Learned Societies	\$35,000
Singh, David Joseph	Thermal Conduction in Materials	United Negro College Fund	\$65,000
Stuart, Gregory Lyal	Brief Intervention to Reduce Drinking Among Batters	NIH - National Institute on Alcohol Abuse & Alcoholism	\$43,584
Taylor, Lawrence A.	Moon Mineralogy Mapper - Science Advisory Team	Brown University - Office of Sponsored Projects	\$43,900
Taylor, Lawrence A.; McSween, Harry Y.; Liu, Yang	Evolution of Planetary Crusts and Mantles: Moon and Mars	NASA - Headquarters Washington, DC	\$115,000
Zhu, Wenguang	Theoretical Studies of Optical Properties of Novel Nano-materials	UT-Battelle, LLC-ORNL	\$12,500
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Cathey, Amy; Schuler, Glen; Kahn, Kenneth; Justice, Molly	Graduate Student Support for Technology Transfer & Economic Development - 2004	UT-Battelle, LLC-ORNL	\$11,514
Murray, Matthew N.	TN Advisory Committee on Intergovernmental Relations	State of Tennessee	\$10,718
<b>COLLEGE OF COMMUNICATION &amp; INFORMATION</b>			
Suttles, Barbara C.	Support for Computational Biology Division - UT Battelle	UT-Battelle, LLC-ORNL	\$808
Suttles, Barbara C.	Genome Management Information System - Information Specialist II	UT-Battelle, LLC-ORNL	\$72,000
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Benner, Susan Mclean	Special Education Improvement Grant (SIG)	TN Dept of Education - Division of Special Education	\$250,000
Blank, Mary Ann; Kershaw, Cheryl Ann	Curriculum Study for the Public School Forum of East Tennessee	The Public School Forum of East TN	\$10,000
Mincey, Bethany Aleece	WIA Youth	Knoxville - Knox County Community Action Committee	\$167,400

**AWARDS FOR APRIL 10–23, 2009 (CONT.)**

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ENGINEERING</b>			
Benson, Roberto S.	Photoelectrochemical Dissociation of Water and Production of Hydrogen	UT-Battelle, LLC-ORNL	\$12,919
Bosilca, George	Internship to Design and Develop a Prototype RAS Engine	UT-Battelle, LLC-ORNL	\$11,657
Dongarra, Jack	High Performance Computing Research Program	UT-Battelle, LLC-ORNL	\$100,000
Egami, Takeshi	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,306
Egami, Takeshi; Dmowski, Wojciech	Materials Research Network: Structure and Dynamics of Complex Ferroelectrics	National Science Foundation	\$66,000
Everett, Jerry D.	Law Enforcement Liaison Program	TN Dept of Transportation - Governor's Highway Safety	\$1,165,193
Fu, Joshua S.	Global Change & Air Pollution (GCAP) Phase 2: Implications for U.S. Air Quality & Mercury Deposition of Multiple Climate & Global Emission Scenarios	Harvard University	\$42,000
Fu, Joshua S.	Long Term Aerosol Data Records: Using Deep Blue to Synergize seaWiFS, MODIS, AVHRR, and TOMS	NASA-Goddard Space Flight Center	\$34,628
Gao, Yanfei	Directed Self-Assembly and Film Growth of Superconductors and Other Oxides	UT-Battelle, LLC-ORNL	\$17,900
Halstead, Peter D.	External Random Product Testing for Riddell Inc	Riddell, Inc.	\$12,000
Hayward, Jason; Dodds, Harold L.	Radiation Detection Research and Development	UT-Battelle, LLC-ORNL	\$54,000
He, Qiang	Functional Analysis of Biofilms in Premise Plumbing	National Science Foundation	\$167,031
Komistek, Richard David	Real-time Mechanics of Native Shoulders and Total Shoulder Anthroplasties	Tornier S.A.S	\$176,363
McHargue, Carl J.; Kulkarni, Nagraj S.	High Throughput Isotopic Diffusion Databases for Integrated Computational Materials Engineering	UT-Battelle, LLC-ORNL	\$4,358
McHargue, Carl J.; Stewart, David Michael	Modeling and Simulation Studies in Support of Nuclear Energy Systems	UT-Battelle, LLC-ORNL	\$58,200
Penumadu, Dayakar	Energy Selective Neutron Imaging and Stress	Helmholtz-Zentrum	\$70,000
Pharr, George M.	Piezoceramic and Piezoceramic Multi-layer Actuator Characterization	UT-Battelle, LLC-ORNL	\$9,123
Rack, Phillip D.	Center for Nanophase Materials Science (CNMS)	UT-Battelle, LLC-ORNL	\$100,000
Rack, Phillip D.	Joint Faculty	UT-Battelle, LLC-ORNL	\$18,984
Simerly, Karen L.	TN Traffic Safety Resource Service A Statewide Program	TN Dept of Transportation - Governor's Highway Safety	\$443,671
Tolbert, Leon M.	Active Filter to Reduce Capacitance in DC Link of Inverter	UT-Battelle, LLC-ORNL	\$22,909
Tolbert, Leon M.	Design an FEA Analysis of Electric Machines for Hybrid Electric Vehicles	UT-Battelle, LLC-ORNL	\$10,000
Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.	Highly Integrated Gate Drive for High Temperature Converters	UT-Battelle, LLC-ORNL	\$25,000
<b>COLLEGE OF SOCIAL WORK</b>			
Campbell, Paul M.; Cunningham, Maryanne Lynch	Knoxville Recycling Survey Project	City of Knoxville	\$7,705
<b>GRADUATE SCHOOL</b>			
Reed, Sandra K.	NSF Graduate Research Fellowship Program	National Science Foundation	\$258,575
<b>CAMPUS CENTERS &amp; JOINT INSTITUTES</b>			
Andrews, Philip Lawrence	DV.GFS, Global Wide Area File Systems	National Science Foundation	\$252,364
Bell, Larry L.	NASA/LBA	Science Systems and Applications, Incorporated	\$25,664
Webster, Sheila	Advanced Math/Science Professional Development	Middle Tennessee State Univ.	\$229,155
Zacharia, Thomas	Computational Chemistry and Nanoscience	UT-Battelle, LLC-ORNL	\$90,848

**QUARTERLY REPORT CORRECTION**

In the Office of Research Quarterly Report published last week, the **Award Counts by College** chart erroneously transposed the figures for the College of Engineering and the College of Education, Health & Human Sciences. The corrected chart appears below. Visit <http://research.utk.edu/reports/> for a printable PDF of the full report.

**AWARD COUNTS BY COLLEGE**

