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Awards and Recognitions

Office of Research & Engagement

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University of Tennessee Office of Research

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AWARDS AND RECOGNITIONS

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MARCH 3, 2010

AWARDS FOR FEBRUARY 12–25, 2010

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Baker, Gregory Stephen	Multiscale Investigations on the Rates and Mechanisms of Targeted Immobilization and Natural Attenuation	UT-Battelle - ORNL	\$56,000
Champion, Lynn J.	Request to Air Force Association for Chapter Matching Grant to Support STEM Education	Air Force Association	\$1,000
Dagotto, Elbio Ruben	Distinguished Scientist	UT-Battelle - ORNL	\$80,328
Egami, Takeshi	Atomistic Study of Bulk Metallic Glasses	UT-Battelle - ORNL	\$31,000
Ferrell, Thomas L.	Apertureless Near-Field Desorption/Ionization Mass Spectrometry for Nanoscale Chemical Imaging at Atmospheric Pressure	UT-Battelle - ORNL	\$53,692
Harden, Carol P.; Schwartz, John Steven	Improving Adaptive Sediment TMDL Implementation: Linking Channel Form and Embedded Sediment	Tennessee Water Resources Research	\$84,195
McSween, Harry Y.; Hallett, Miranda Alvina; McKay, Larry D.	ORNL Support for L. Anovitz	UT-Battelle - ORNL	\$1,331
Peterson, Cynthia B.	Research Associate-David Durtschi	UT-Battelle - ORNL	\$7,566
Peterson, Cynthia B.	Grad Research Associate-Craig Helstowski	UT-Battelle - ORNL	\$36,922
Sepaniak, Michael J.	Integrating Electrokinetic Separations with Surfaces Sampling Mass Spectrometry	UT-Battelle - ORNL	\$37,896
COLLEGE OF BUSINESS ADMINISTRATION			
Cathey, Amy E.	MBA Graduate Student Support for Y-12 Fall 2009	B&W Y-12, LLC	\$37,515
COLLEGE OF ENGINEERING			
Blalock, Benjamin J.	Electronics Development for the Oak Ridge Isomer Spectrometer and Separator (ORISS)	Oak Ridge Associated Universities	\$53,000
Clarke, David Bruce; Urbanik, Thomas	DOE/EPA Fuel Economy Information Site	UT-Battelle - ORNL	\$90,806
Davis, Wayne T.; Wilkinson, Jeffrey D.	TN Dept. of Commerce & Ins. Bd. of Architectural and Engineering Examiners - Equipment Grant	TN Dept. of Commerce - Board of Architects and Engineers Examiners	\$84,413
Dongarra, Jack	Blackjack	Defense Advance Research Projects Agency	\$303,383
Gao, Yanfei	Directed Self-Assembly and Film Growth of Superconductors and Other Oxides	UT-Battelle - ORNL	\$23,088
Han, Lee D.	Geo-Spatial Model for Transportation Projects	UT-Battelle - ORNL	\$52,507
Hines, J. Wesley	Aircraft Generator Diagnostic System Development	Global Technology Connection Inc	\$82,500
Islam, Syed K.	Needle Implantable Wireless Multisensors for Continuous Glucose Monitoring	Other Federal non-specified	\$25,000
Liaw, Peter K.	Computer-Aided Development of Ductile Ferritic Steels with High Strengths	Multi-Phase Services Inc.	\$30,000
Maldonado, Guillermo Ivan	Development of Nuclear Reactor Models	UT-Battelle - ORNL	\$45,000
McHargue, Carl J.	Materials Characterization	UT-Battelle - ORNL	\$27,314
McHargue, Carl J.	Computational Modeling of Radiation Effects in Structural Materials	UT-Battelle - ORNL	\$80,000
McHargue, Carl J.; Barabash, Rozaliya I.	X-Ray Diffuse Scattering- 2	UT-Battelle - ORNL	\$11,540
McHargue, Carl J.; Kercher, Andrew K.	Materials for Advanced Gas Reactor Project	UT-Battelle - ORNL	\$57,473
Melcher, Charles L.	An Efficient, Solid State Detector for Nuclear Medicine	Radiation Monitoring Devices, Inc.	\$25,000
Nguyen, Ke	Thermal Aging Of Lnts Using A Bench-Flow Reactor	UT-Battelle - ORNL	\$25,000
Penumadu, Dayakar	Rapid Extension of Life of Deteriorating Bridge Superstructures	TN Dept. of Transportation	\$141,886
Rack, Philip D.	Center for Nanophase Materials Science (CNMS)	UT-Battelle - ORNL	\$60,000
Rack, Philip D.	Molecular Scale Engineering and Nanoscale Technologies	UT-Battelle - ORNL	\$46,000
Reinbolt, Jeffrey Andrew	Modeling and Simulation of Human Movement Based on OpenSim and MATLAB/Simulink	Stanford University GCEP	\$20,000
Sawhney, Rapinder S.	Transforming Data into Information via Statistical Analysis & Data Mining - Phase II	Halliburton Energy Services, Inc.	\$63,000
Tolbert, Leon M.; Blalock, Benjamin J.; Islam, Syed K.	Highly Integrated Gate Drive for High Temperature Converters	UT-Battelle - ORNL	\$80,000
Wang, Fei; Tolbert, Leon M.	Modeling High Temperature Power Electronic Modules	Other industry non-specified	\$99,075

AWARDS FOR FEBRUARY 12–25, 2010 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
CAMPUS CENTERS & JOINT INSTITUTES			
Hamrick, James Fuller	ITD 2010 Study of the United States for Student Leaders	Institute for Training and Development	\$179,821
Layton, Alice Camille; Diclaudio, Melanie Lynn; Menn, Fu-Min	TDEC Pharmaceutical Study	TN Department of Environment and Conservation	\$200,000
McKay, Larry D.	Subcontract to Penn State University for Their Proposal to NSF for Development of Critical Zone Observatory at the Shale Hills Site in Pennsylvania	Pennsylvania State University	\$5,000

RECOGNITIONS

UT Knoxville Chancellor **Jimmy G. Cheek** has been appointed to chair a new global research initiative created to discover the next generation of fertilizers and production technologies. The federally funded initiative is part of the International Fertilizer Development Center.

Marco Di Giulio, Ph.D., Diane and Guilford Glazer Teaching Fellow in modern Hebrew at the University of Tennessee, has been chosen to participate in the 2010 Schusterman Center for Israel Studies Summer Institute at Brandeis University from June 15-July 8, 2010. Di Giulio, who received his Ph.D. in linguistics from the University of Florence, Italy, came to UT in July 2009 to teach modern Hebrew in the Fern and Manfred Steinfeld Program in Judaic Studies in the Department of Religious Studies.

Takeshi Egami, Distinguished Professor in the Department of Materials Science and Engineering and the Department of Physics and Astronomy, has received the J.D. Hanawalt Award from the International Union of Crystallography with S. J. L. Billinge for important contributions to the field of x-ray powder diffraction.

Sarah Gardial, vice provost of faculty affairs at UT Knoxville, has been named board president of the MBA Roundtable, the premier organization that provides guidance and leadership for MBA curriculum worldwide.

Glenn Reynolds, Beauchamp Brogan Distinguished Professor of Law, recently received the Starlight Award for Distinguished Alumni from the Maryville City Schools Foundation.

Leon Tolbert, Min Kao Professor in the Department of Electrical Engineering and Computer Science, was elected as a Member-at-Large to the IEEE Power Electronics Society Advisory Committee. He was elected to a three-year term (2010-2012) to the decision-making committee of the society.

Meghan Bungo, a graduate student in philosophy, has won the Muskavitch Prize for Graduate Work in Ethics at the annual meeting of the Association for Practical and Professional Ethics. Her paper is titled "Consensus and the Process of Moral Deliberation."

WANTED: News & Nominations

The UT Office of Research is seeking research news and opportunities, scholarly and professional recognition, and nominations for "Scholar of the Week."

Send items for either *News & Opportunities* (the green newsletter) or *Awards & Recognitions* (the gold newsletter) to Craig Cook (ccook10@utk.edu), preferably by the Wednesday preceding the expected publication date.

To nominate a colleague for "Scholar of the Week," send a note to Dennis McCarthy (dmmccarthy@utk.edu).

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