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Awards and Recognitions

Office of Research & Engagement

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9-9-2009

## Office of Research, Awards & Recognition, September 09, 2009

University of Tennessee Office of Research

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## AWARDS AND RECOGNITIONS

<http://research.utk.edu>

SEPTEMBER 9, 2009

### AWARDS FOR AUGUST 21–SEPTEMBER 3, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Angst, Michael G.	Phase I Archaeological Survey for KUB at Third Creek, Knox County, Tennessee	Gresham, Smith and Partners	\$6,966
Berry, Michael W.	Mapping Cerebellar Development in Time and Space	NIH - National Institute Child Health & Human Development	\$26,477
Binder, Brad Mark	Studies on ETRI Ethylene Receptor Structure, Function and Output	National Science Foundation	\$177,645
Gavrilets, Sergey; Vose, Michael D.	ARRA: New Approaches to Modeling of Speciation	NIH - National Institute of General Medical Sciences	\$100,000
Greene, Geoffrey L.	Experimental Weak Interactions With Pulsed and Continuous Cold Neutrons	U.S. Department of Energy - Golden Field Office	\$255,000
Grissino-Mayer, Henri D.; Spond, Mark Daniel	Doctoral Dissertation Research: A Multi-proxy Approach to Understanding Environmental Dynamics in Old-Growth Rocky Mountain Juniper Woodlands, New Mexico	National Science Foundation	\$11,700
Heffernan, Thomas J. A.	Ask of Me Spiritual Things	National Endowment for the Humanities	\$134,301
Hollenbach, Kandace Renee	Additional Laboratory Analyses of 22 Cores Collected During the Meldahl Hydroelectric Project Along the Ohio River, Bracken County, Kentucky	Corn Island Archaeology LLC	\$19,958
Horn, Sally P.; Caffrey, Maria Anne	Doctoral Dissertation Research: Holocene Climate and Environmental History of Laguna Saladilla, Dominican Republic	National Science Foundation	\$12,000
Horn, Sally P.; Underwood, Christopher A.	Doctoral Dissertation Research: Anthropogenic Impacts on Fire and Forest History in Native Yellow Pine and Mixed Hardwood-Pine Communities of the South	National Science Foundation	\$10,550
Jones, Kate M.	Spectroscopic Studies Close to 100Sn and 132Sn Using Direct Reactions and Gamma-Ray Measurement	U.S. Department of Energy - Energy and Technology	\$96,000
Langston, Michael A.	Mapping Cerebellar Development in Time and Space	NIH - National Institute Child Health & Human Development	\$54,753
Peterson, Cynthia B.	Research Associate-David Durtschi	UT-Battelle - ORNL	\$7,109
Peterson, Cynthia B.	Graduate Research Assistant: Piro Siuti	UT-Battelle - ORNL	\$40,274
Peterson, Cynthia B.	Animal Care for Systems Genetics	UT-Battelle - ORNL	\$50,000
Zhang, Zhenyu	Experimental and Theoretical Studies of Metallic Nano-Plasmonic Material	UT-Battelle - ORNL	\$26,618
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Vossler, Christian Allen; McKee, Michael John	Experimental Research on Taxpayer Services	Internal Revenue Service	\$134,976
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Cochran, Jeffrey Louis; Kronick, Robert F.	Preventing Delinquency through Comprehensive Mental Health Counseling Services in a Title I School	State of Tennessee	\$44,000
Fussell, Elizabeth M.	Self-Determination and Career Planning Approach	TN Dept. of Education - Division of Special Education	\$31,589
Long, Vena M.	Tennessee Governor's Academy	TN Dept. of Education	\$1,849,608
<b>COLLEGE OF ENGINEERING</b>			
Cavin, Odis B.; McHargue, Carl J.	Residual Stress Texture and Retained Austenite Characterization	UT-Battelle - ORNL	\$38,919
Cooper, Ann C.	Support for GTRI Transportation Security Project	UT-Battelle - ORNL	\$76,887
Dongarra, Jack	Coordinated Fault Tolerance for High Performance Computing	U.S. Department of Energy - Energy and Technology	\$200,000
Dongarra, Jack; Moore, Shirley V.; Cronk, David C.	Programming and Environment Training II - Computational Environments	Mississippi State University	\$59,000
Egami, Takeshi; Smith, Jeremy Christopher; Mays, Jimmy W.	Neutron Scattering Research Network for Epscor States	U.S. Department of Energy - Energy and Technology	\$134,070
Gribok, Andrei V.	Mathematical Modeling of Real-Time Ambulatory Sensor Data Collected on Free-Living Individuals	USDA - Agricultural Research Service	\$140,265
Hayward, Jason Peter	Glasses for Detection of Penetrating Radiation via the Cherenkov Effect	Defense Threat Reduction Agency	\$347,013
Hayward, Jason Peter; Hines, J. Wesley	Nuclear Security Science and Analysis Graduate Certification Program at the University of Tennessee	UT-Battelle - ORNL	\$75,000
Hines, J. Wesley	On-Line Monitoring and Diagnostics for Drilling Operations	Baker Hughes Inteq	\$36,424

## AWARDS FOR AUGUST 21–SEPTEMBER 3, 2009 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Irick, David K.	ELM Coil Joint Development	UT-Battelle - ORNL	\$79,764
Lee, Ida	Acoustic Phase Measurements in Solids	UT-Battelle - ORNL	\$25,000
Maldonado, Guillermo Ivan	Development of SCALE-based Educational Modules to Innovate Reactor Physics and Criticality Safety Curricula	U.S. Nuclear Regulatory Commission	\$100,000
Nguyen, Ke	Kinetic Modeling and Experimental Measurements of Surrogate Fuel Blend Properties	UT-Battelle - ORNL	\$55,013
Schwartz, John Steven	Improve the Park's Understanding of its Natural Resources and Natural Processes	U.S. Dept. Interior - NPS-Great Smoky Mountains National Park	\$109,963
Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.	Highly Integrated Gate Drive for High Temperature Converters	UT-Battelle - ORNL	\$50,000
Urbanik, Thomas	Cross-Walk Tables Assistance	UT-Battelle - ORNL	\$15,099
Urbanik, Thomas; Arel, Itamar	Trusted Truck II Phase D	National Transportation Research Center, Incorporated	\$160,058
<b>COLLEGE OF SOCIAL WORK</b>			
Campbell, Paul; Patterson, David	HMIS Matching Funds	East Tennessee Foundation	\$8,334
Campbell, Paul; Patterson, David	HMIS Knox County - HUD CDBG Matching Funds 2008-2009	Knoxville Community Development Corporation	\$10,000
<b>CAMPUS CENTERS &amp; JOINT INSTITUTES</b>			
Garrison, Arlene Allen	Intergovernmental Personnel Act (IPA) Assignment	National Science Foundation	\$175,999
Geibig, Jack R.	Benchmarking the Performance and Environmental Impacts of Dimensional Natural Stone Products	Natural Stone Council	\$43,500

## RECOGNITIONS

**Francis Ansley**, Distinguished Professor Emeritus in the College of Law, has been named to one of the eight advisory committees for the statewide Access to Justice Commission created in April 2009 by the Tennessee Supreme Court. The commission will address the growing crisis of unmet legal needs in civil cases in the state. Ansley will serve the commission's committee on disabilities and language minorities.

**Narendra Dahotre**, professor in the Department of Materials Science and Engineering, was recently elected 2009 Fellow of the Indian Institute of Metals (IIM). Dahotre has been recognized for excellence and outstanding contributions to basic understanding and engineering of laser-materials interactions along with implementation of high power lasers for materials processing and surface engineering.

**Thomas Heffernan**, the Kenneth Curry Professor in English and Religious Studies, was selected by the National Endowment for the Humanities to direct a five-week seminar for college teachers on the autobiographies of Saint Augustine and Perpetua of Carthage, two of the most prominent religious autobiographies written in late Antiquity.

Faculty members **Joan Heminway** and **Cynthia Peterson**, recently graduated from the Higher Education Resource Services (HERS) Summer Institute, the premier residential professional development program dedicated to advancing women leaders in higher education administration.

**Hollie Raynor**, associate professor in the Department of Nutrition, was recently quoted in a Denver Post article about the importance of portion control in weight management and obesity reduction in children.

**Dawn Szymanski**, assistant professor of psychology, recently received an award from the American Psychological Association's Committee for Women in Psychology for her outstanding contributions to the study of psychotherapy with women and the influences of various forms of oppression on mental and physical health in sexual minorities.

**Lorraine Wallace**, associate professor of family medicine in the Graduate School of Medicine, was awarded a Fulbright Scholar grant to lecture and conduct research at the College of Medicine and Pharmacy at Moldova State University in Chisinau, Moldova. Wallace will teach undergraduate and graduate courses including writing for publication in English, epidemiology and health-related statistics.

**Dima Sarbo**, a recent Ph.D. graduate in sociology, has received an Oxford-Princeton Global Leaders fellowship. Sarbo will spend one year at the Centre for International Studies in the Department of Politics and International Relations at the University of Oxford, and another year at the Niehaus Center for Globalization and Governance and the Woodrow Wilson School for Public and International Affairs at Princeton University.

<http://research.utk.edu>

### 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](mailto: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](mailto:dmmccarthy@utk.edu)).