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Awards and Recognitions

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6-10-2009

## Office of Research, Awards & Recognition, June 10, 2009

University of Tennessee Office of Research

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## AWARDS AND RECOGNITIONS

<http://research.utk.edu>

JUNE 10, 2009

### AWARDS FOR MAY 8–JUNE 4, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Bingham, Carrol R.	Matching Funds - UT/ORNL Joint Institute	UT-Battelle - ORNL	\$343,000
Compton, Robert N.	Linear and Non-Linear Optical Activity Studies	National Science Foundation	\$100,000
Dai, Pengcheng	Joint Faculty	UT-Battelle - ORNL	\$71,168
Dai, Pengcheng	Study Magnetic Excitations in Doped Transition Metal Oxides Using Inelastic Neutron Scattering	US Dept. of Energy - Energy and Technology	\$197,846
Dai, Pengcheng	Using Neutron As A Probe To Study Strongly Correlated Electron Materials	UT-Battelle - ORNL	\$40,000
Dai, Pengcheng	Materials Cost for Studying Correlated Electron Materials	UT-Battelle - ORNL	\$20,000
Feigerle, Charles S.	SNS 2008 Foils Project	UT-Battelle - ORNL	\$37,384
Harden, Carol P.	Improving Adaptive Sediment TMDL Implementation: Linking Channel Form and Embedded Sediment	TN Dept of Environment and Conservation	\$50,198
Hinde, Robert J.	Collaborative Research: Spectroscopy and Chemistry of Open-Shell Atoms in Solid Hydrogen Matrices	National Science Foundation	\$187,000
Hollenbach, Kandace Renee	Gearchaeological Testing and Geomorphic Analyses of 15 Acres - Bracken Co, KY	Corn Island Archaeology LLC	\$35,556
Larese, John Z.	Graduate Student Support for J. Larese Students	UT-Battelle - ORNL	\$90,000
Mays, Jimmy W.	Collaborative Research: Synthesis and Rheology of Strategically-Designed Long-Chain-Branched Polymers	University of Michigan	\$40,000
McSween, Harry; Hallett, Miranda	ORNL Support for L. Anovitz	UT-Battelle - ORNL	\$90,987
McSween, Harry	Mars Surveyor	Cornell University	\$19,000
McSween, Harry	THEMIS Science Team Member for Mars Odyssey Spacecraft	Arizona State Univ. - Research and Creative Activities	\$60,000
Nazarewicz, Witold	Theoretical Nuclear Structure	US Dept. of Energy - Golden	\$165,000
Nebenfuehr, Andreas	Myosin Functions in Root Hairs	National Science Foundation	\$170,000
Peterson, Cynthia B.	Continuation - Frank Larimer	UT-Battelle - ORNL	\$23,508
Plaut, Conrad Peck; Todorova, Grozdena Hristova; Long, Vena M.; Anderson, David F.	EMSW21-MCTP - Math Honors Program	National Science Foundation	\$247,296
Prins, Brandon Christopher	Graduate Seminar Course on Arms Control and Nuclear Nonproliferation Policy for ORNL	UT-Battelle - ORNL	\$17,890
Sanders, Nathan J.	Impacts of Elevated Temperature on Ant Species, Communities, and Ecological Roles	North Carolina State University	\$34,182
Vonarnim, Albrecht G.	Arabidopsis 2010: Global Analysis of Translational Regulons	Univ. of California at Riverside	\$112,676
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Fox, William F.; Luna, Leann	Financial Evaluations on Licensed Child Care Agencies in the State of TN	State of Tennessee	\$411,483
Miller, Alex; Riblett, John E.; Barton, Rhonda W.	Continuous Process Improvement in Air Force Acquisition	Air Force	\$730,992
<b>COLLEGE OF COMMUNICATION &amp; INFORMATION</b>			
Swan, Norman Jr R.; Riechert, Susan E.	Jordan Media Strengthening Program	International Research and Exchanges Board	\$35,076
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Barkdoll, Sharon Lee Lunceford	Become a Special Educator in Tennessee Teaching Program (BASE-TN)	TN Department of Education Training & Professional Dev	\$225,000
Benner, Susan; Elston, Stuart	ARRA: Teach/Here Teacher Residency Initiative	National Science Foundation	\$74,996
Gardner, Diane P.	Dollar General Literacy Foundation	Dollar General Literacy Foundation	\$203,358
Hayes, Gene A.	Project TRIPS: Therapeutic Recreation in Public Schools	TN Department of Education - Division of Special Education	\$299,832
White, Connie L.	Technical Assistance and Training to State Improvement Grant (SIG)	TN Department of Education - Division of Special Education	\$110,000
White, Connie L.	Tennessee Even Start Database Support, Training, and Technical Assistance	TN Dept of Education	\$29,000
<b>COLLEGE OF ENGINEERING</b>			
Benson, Robert; Madhukar, Madhu; Irick, David	SULTAN Test Samples for ITER	UT-Battelle - ORNL	\$195,491

## AWARDS FOR MAY 8–JUNE 4, 2009 (CONT.)

Blalock, Benjamin J.	Georgia Institute of Technology	Georgia Institute of Technology - Electrical & Computer Engr	\$15,580
Cate, Matthew A.	Fiscal Year 2009 Statewide Survey of Safety Belt and Motorcycle Helmet Usage in Tennessee	TN Dept of Transportation - Gov.'s Highway Safety Office	\$68,921
Choo, Hahn	Joint Faculty	UT-Battelle - ORNL	\$59,750
Davis, Wayne T.; Mcrae, John Malcolm	TN Dept. of Commerce & Ins. Bd. of Architectural and Engineering Examiners - Equipment Grant.	TN Dept of Commerce - Board of Architects and Engineers	\$84,417
Dodds, Harold L.	Nuclear Safety Research and Development	UT-Battelle - ORNL	\$35,150
Dongarra, Jack; Moore, Shirley V; Cronk, David C.	Programming and Environment Training II - Computational Environments	Mississippi State University	\$130,000
Fu, Joshua	The Magnitude and Distribution of Health Impacts from Power Generation in China	Harvard Clinical Research Institute	\$22,880
Fu, Joshua; Wasserman, Jack; Davis, Wayne; Agnihotri, Sandeep	Improving Heavy Truck Ergonomics to Reduce Fatigue and Improve Driver Health and Performance	TN Dept of Transportation	\$30,683
Gao, Yanfei	Directed Self-Assembly and Film Growth of Superconductors and Other Oxides	UT-Battelle - ORNL	\$44,986
Gregor, Jens	Sparse Data Image Reconstruction	UT-Battelle - ORNL	\$35,018
Keppens, Veerle	Resonant Ultrasound Studies of Complex Chromium and Vanadium Oxide Spinels	National Science Foundation	\$110,000
McHargue, Carl J.	Electron Microscopy Research & Development Support	UT-Battelle - ORNL	\$28,560
McHargue, Carl J.	Development of Zirconium Carbide for Gen IV Nuclear Reactors	UT-Battelle - ORNL	\$101,007
McHargue, Carl J; Bai, Jianming	X-Ray Diffraction Research at the National Synchrotron Light Source	UT-Battelle - ORNL	\$39,059
Moore, Shirley V.	Development of an Automated Tool for Locating, Harvesting & Storing Experimental Scientific & Technical Data	Information International Associate	\$48,800
Peterson, Gregory D.	Reliable Secure Computing	Air Force Research Lab	\$29,206
Rack, Phillip D.	Electromechanical Imaging of Live Vascular Smooth Muscle Cells	Clemson University	\$73,500
Rack, Phillip D.	Sputtering Multilayer SiO <sub>2</sub> /TiO <sub>2</sub> Optical Materials (PHASE II)	Aegis Technology, Inc.	\$47,822
Schwartz, John Steven	Development of Morphology and Sediment Transport Relationships for the Ridge & Valley Province	Tennessee Stream Mitigation Program	\$96,247
Townsend, Lawrence W.	Earth-Moon-Mars Radiation Exposure Module-EMMREM	Boston University	\$99,503
Townsend, Lawrence W.	Improvements to the HZETRN Code and the NUCFRG2 Database	NASA - Langley Research Center - Financial Mgmt Office	\$124,863
<b>CAMPUS CENTERS &amp; JOINT INSTITUTES</b>			
Gangaware, Timothy R.	Beaver Creek Public Education and Awareness Initiative	Tennessee Valley Authority	\$20,000
Gangaware, Timothy; Tootle, Glenn; Gentry, Randall W.; Buchanan, John R.	Tennessee Water Resources Research Institute Program - FY 2006	US Dept. Interior - US Geological Survey	\$92,335
Geibig, Jack R.	Basic Ordering Agreement	TerraChoice Environmental Marketing	\$120,000
Hatcher, Robert D.	Detailed Geologic Mapping, Central Georgia Inner Piedmont and Tennessee Valley and Ridge	US Dept. Interior - US Geological Survey	\$42,700
Macek, Joseph H.	Theory of Fragmentation and Rearrangement Process in Ion-Atom Collisions	US Department of Energy - Golden Field Office	\$125,000
Zacharia, Thomas	Nanomaterials Development	UT-Battelle - ORNL	\$31,505

**NOTE:** Due to space constraints, awards for this time period of less than \$15,000 have been omitted from this printing. The full list can be viewed online at [http://research.utk.edu/news/05\\_08-06\\_04\\_09.shtml](http://research.utk.edu/news/05_08-06_04_09.shtml)

## RECOGNITIONS

**Wayne T. Davis**, dean of the College of Engineering, has been elected vice chair and chair-elect of the American Society of Engineering Education's (ASEE) Engineering Research Council for 2009-2010. Davis will serve a two-year term in the post.

**Stan Garner**, professor of drama in the English Department and co-editor of the new *Norton Anthology of Drama*, has been named a UT Distinguished Professor of the Humanities.

**Gregory D. Reed**, associate vice chancellor for research and professor in the Department of Civil and Environmental Engineering, has been elected Fellow of the National Society of Professional Engineers. He is a former president of the Tennessee Society of Professional Engineers and is currently president of the Tennessee Engineering Foundation.

**Urmila Seshagiri**, assistant professor in English, will hold the department's Allen Carroll Distinguished Teaching Professor for the next two academic years.