

AWARDS AND RECOGNITIONS

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JUNE 10, 2009

AWARDS FOR MAY 8–JUNE 4, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
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
COLLEGE OF BUSINESS ADMINISTRATION			
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
COLLEGE OF COMMUNICATION & INFORMATION			
Swan, Norman Jr R.; Riechert, Susan E.	Jordan Media Strengthening Program	International Research and Exchanges Board	\$35,076
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
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
COLLEGE OF ENGINEERING			
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 ₂ /TiO ₂ 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
CAMPUS CENTERS & JOINT INSTITUTES			
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

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.