

AWARDS AND RECOGNITIONS

JANUARY 21, 2009

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR DEC. 5, 2008–JAN. 15, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARCHITECTURE & DESIGN			
Fox, David	Clarksville Housing Study II	City of Clarksville	\$5,000
COLLEGE OF ARTS & SCIENCES			
Abidi, Besma Roui	Phase 0 - Participation in the MultiBiometric Grand Challenge	West Virginia University Computer Science and Electrical	\$9,992
Allison, David Post	Atomic Force Microscopy Studies of Enteroaggregative E. coli adhesion to Mammalian Cells	Lundbeck Foundation	\$40,805
Baker, Gregory Stephen	Multiscale Investigations on the Rates and Mechanisms of Targeted Immobilization and Natural Attenuation	UT-Battelle, LLC-ORNL	\$80,000
Breinig, Marianne	First Principles Theory of Complex Materials	UT-Battelle, LLC-ORNL	\$38,067
Burr, Devon Marjorie	Raised Curvilinear Features in the Western MFF	NASA - Headquarters	\$14,890
Champion, Lynn J.	Tennessee Regional Junior Science and Humanities Symposium 2009	Academy of Applied Sciences	\$22,000
Compton, Robert N.	Electronic and Optical Properties of Single-Wall Carbon Nanotubes and Their Polymer Composites	UT-Battelle, LLC-ORNL	\$17,675
Dagotto, Elbio Ruben	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,250
Decorse, Elizabeth Kellar	Architectural Survey and Assessment for McGhee Tyson Airport, Air National Guard Station, Knoxville, Tennessee	Science Applications International Corporation	\$33,866
Decorse, Elizabeth Kellar	Phase I Archaeological Survey and Architectural Assessment for Proposed Docks at Rhea Springs	Pack Partnership	\$10,967
Feigerle, Charles S.	Ultrafast Laser Spectroscopy of Surfaces	UT-Battelle, LLC-ORNL	\$5,740
Feller, Daniel M.	The Papers of Andrew Jackson	National Historical Publications and Records Commission	\$55,000
Feller, Daniel M.; Chaffin, James Thomas	Support for The Papers of Andrew Jackson and the correspondence of James K. Polk	Tennessee Historical Commission	\$3,190
Ferrell, Thomas L.	Explosive Vaper Detection	UT-Battelle, LLC-ORNL	\$67,200
Ferrell, Thomas L.	Develop Microcantilever Sensors for Environmental Monitoring Applications	UT-Battelle, LLC-ORNL	\$37,324
Gant, Michael M.	Tennesseans for Fair Taxation Surveys	Tennesseans For Fair Taxation	\$39,501
Gordon, Kristina Coop; Hellmuth, Julianne C.	Risk Factors for Inmate Partner Violence in Pregnant Women	NIH - National Institute on Alcohol Abuse and Alcoholism	\$25,218
Gross, Louis J.	National Institute for Mathematical and Biological Synthesis (NIMBioS)	National Science Foundation	\$2,500,000
Herrmann, Nicholas P.; Decorse, Elizabeth Kellar	Mapping and Documentation of the Old Sparta Cemetery, White County, Tennessee	City of Sparta	\$3,951
Hollenbach, Kandace Renee	Zooarchaeological Analysis of Specimens from Zatopec Site, 41HY163, Hays County, Texas	Other private educational institution non-specified	\$9,104
Hollenbach, Kandace Renee	Phase II Geoarchaeological Examination of Site 40MI213 Along The Tennessee River, Marion County, Tennessee	Brockington and Associates	\$2,995
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis from 38BK2132, Berkley County, South Carolina	Brockington and Associates	\$7,187
Hood, Thomas C; Frey, Richard Scott	Host the Society for the Study of Social Problems	Society for the Study of Social Pro	\$136,900
Jantz, Richard L.; Mahfouz, Mohamed R.	Improving Sex Estimation from Crania Using 3-Dimensional CT Scans	National Institute of Justice	\$171,215
Joy, David C	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$52,500
Kamyckov, Iouri A.; Ward, Bennie F L; Spanier, Stefan M.; Siopsis, George; Handler, Thomas; Efremenko, Yuri V.; Bugg, William M.	Elementary Particle Interactions	US Department of Energy - Golden Field Office	\$17,000
Macek, Joseph H	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$52,264
Mays, Jimmy W.	Polymer-Based Multicomponent Materials	UT-Battelle, LLC-ORNL	\$31,805
Mcfadden, Ronald Benard	Supplemental Grant Award to TRIO Student Support Services for Students Impacted by Katrina and Rita Hurricanes	US Department of Education	\$662,886

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR DEC. 5, 2008–JAN. 15, 2009 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Mcsween, Harry Y.	Participation in DAWN Science Team	University of California at Los Angeles	\$32,346
Moersch, Jeffrey E	Search for Aqueous Minerals With Mars Exploration Rover Mini-TES Experiment	NASA - Jet Propulsion Laboratory -California Institute of Tec	\$60,000
Moreo, Adriana	Joint Faculty	UT-Battelle, LLC-ORNL	\$23,526
Petersen, Ronald H.; Wofford, Billy E.; Hughes, Karen	The Mycology Collections at TENN: Rehousing, Digitization and Management of Supporting Material	National Science Foundation	\$192,577
Peterson, Cynthia B.	Continuation - Frank Larimer	UT-Battelle, LLC-ORNL	\$7,773
Peterson, Cynthia B.	Mammalian Research - Beckmann, Spence, Shaw, Easter	UT-Battelle, LLC-ORNL	\$67,000
Peterson, Cynthia B.	Graduate Research Assistant - Brian Erickson	UT-Battelle, LLC-ORNL	\$39,384
Peterson, Cynthia B.	Service Aide Driver - Eugene Chaney	UT-Battelle, LLC-ORNL	\$7,079
Plummer, Earl Ward	Growth and Characterization of Magnetic Nanostructures	UT-Battelle, LLC-ORNL	\$738
Ralston, Bruce A.; Herrmann, Nicholas P.	Development of A Web-Based GIS Application for the National Missing & Undentified Persons Sy	National Institute of Justice	\$165,509
Sayler, Gary S.	Administrative Support for Director of UT - ORNL - Joint Institute for Biological Sciences	UT-Battelle, LLC-ORNL	\$155,000
Singh, David Joseph	Control of Lattice Instabilities in Ferroelectric Perovskites by Cation Substitution	Navy - Office of Naval Research	\$91,203
Small, Pamela	Ecology of Mycobacterium Ulcerans Infection: Evaluating Landscape Relationships with Freshwater Communities and Disease Occurrence	Michigan State University	\$29,470
Smith, Jeremy C.	Governor's Chair	UT-Battelle, LLC-ORNL	\$77,280
Stewart, Robert N.; Purucker, Steven T.; Gross, Louis J.	Sparse Radiological Subsurface Survey Data Analysis	U.S. Nuclear Regulatory Commission	\$88,000
Weitering, Hanno H	Joint Faculty	UT-Battelle, LLC-ORNL	\$15,319
Zhang, Zhenyu	Transport and Collective Properties of Magnetic Semiconductors and Graphene Overlayers	University of Texas at Austin	\$55,000
Zhu, Wenguang	Bandgap Narrowing of Oxide Semiconductors Using Non-Compensated n-p Co-Doping for Enhanced Solo	UT-Battelle, LLC-ORNL	\$100,000
COLLEGE OF BUSINESS ADMINISTRATION			
Hutchison, Joan Rentsch	Developing Shared Understanding through Knowledge Management: C-MAP	Navy - Office of Naval Research	\$120,000
Kahn, Kenneth B.; Schuler, Glen E.; Justice, Molly B.	Graduate Student Support for Technology Transfer & Economic Development - 2004	UT-Battelle, LLC-ORNL	\$6,176
Schriver, William R.; Beavers, James E.	The Relative Effectiveness of Different Types of OSHA Settlement Agreement and Litigation (Task 1)	Eastern Research Group, Inc.	\$8,600
Woehr, David J.	SMARTER Teamwork: System for Mgmt, Assessment, Research, Training, Education, & Remediation for Teamwork	Purdue University-Sponsored Programs and Research	\$59,572
COLLEGE OF COMMUNICATION & INFORMATION			
Suttles, Barbara C.	Genome Management Information System - Web Communications Expert	UT-Battelle, LLC-ORNL	\$140,000
Suttles, Barbara C.	Technical Support to the National Transportation Research Center	UT-Battelle, LLC-ORNL	\$25,400
Suttles, Barbara C.	Support for Computational Science & Engineering Dept.	UT-Battelle, LLC-ORNL	\$177,684
Suttles, Barbara C.	Genome Management Information System - Research Associate III	UT-Battelle, LLC-ORNL	\$41,363
Suttles, Barbara C.	Genome Management Information System - Information Specialist II	UT-Battelle, LLC-ORNL	\$40,098
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Benner, Susan Mclean; Duckett, Kermit E.	Advanced Aerospace Education Workshop	TN Dept of Transportation	\$40,000
Butterworth, Jennifer R.	Teacher Quality & Swpbs	TN Department of Education - Div of Curriculum & Instruction	\$380,160
Gardner, Diane P.	EFF Professional Development Initiative for OK Lifelong Learning	Oklahoma State Department of Education	\$110,000
Long, Vena M.; Fox, David	Partnership for Enhancing Educational Resources	AT&T Foundation	\$28,050
Mincey, Bethany Aleece	Pellissippi State AE	Pellissippi State Community College-Accounts Payable Office	\$23,750
Skolits, Gary J.; French, Russell L.	Evaluation of the Appalachian Mathematics/Science Partnership	University of Kentucky	\$37,904
COLLEGE OF ENGINEERING			
Arimilli, Rao V.	Direct-Cooled Power Electronics Substrate Designs	UT-Battelle, LLC-ORNL	\$10,000
Benson, Roberto S.	Photoelectrochemical Dissociation of Water and Production of Hydrogen	UT-Battelle, LLC-ORNL	\$6,000
Bhat, Gajanan S.	Testing & Analysis of Melt Blown Nonwovens	Ethicon, Inc.	\$20,000
Bhat, Gajanan S.	Processing and Evaluation of Structure and Properties of Meltblown PLA Nonwovens	Natureworks LLC	\$10,000

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR DEC. 5, 2008–JAN. 15, 2009 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Blalock, Benjamin J.	Investigation of Design and Post-Process Trimming of sub-1 V Bandgap in Deep Sub-Micron CMOS Technology	Washington State University College of Engineering and	\$20,000
Boulet, Joseph A M	Improved Modeling of Drillstring Dynamics	Halliburton Energy Services, Inc.	\$30,000
Cherry, Christopher Robin; Urbanik, Thomas	FMCSA Wireless Roadside Inspection Phase II - WRI Pilot Testing Activities	National Transportation Research Center, Incorporated	\$321,252
Djouadi, Mohamed Seddik	Optimal Model Reduction and Feedback Control for Aerodynamics	Air Force Office of Scientific Research	\$50,000
Dongarra, Jack	Coordinated Fault Tolerance for High Performance Computing	US Dept of Energy - Energy and Technology	\$200,000
Dongarra, Jack	SciDAC Institute for Scalable Application Development Software	US Dept of Energy - Energy and Technology	\$270,000
Dongarra, Jack	DARPA HPCS Phase III Productiity Activity: HPC Challenge	UT-Battelle, LLC-ORNL	\$150,000
Egami, Takeshi	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,306
Everett, Jerry D.	UT Planning And Program Administration	TN Dept of Transportation-Governor's Highway Safety Office	\$1,153,500
Everett, Jerry D.	Media Evaluations	TN Dept of Transportation	\$178,665
Everett, Jerry D.	Garret A. Morgan Technology & Transportation Education Program	Knox County Schools	\$174,308
Fu, Joshua S.	Modeling of Air Pollutants Over the Pacific Regions (ICAP-P3): Air Quality Modeling Analysis in Taiwan and China and Development of AirControl Net Sy	Research Triangle Institute	\$72,000
George, Easo P.	Study and Characterization of Stainless Steels for Energy Systems Applications	UT-Battelle, LLC-ORNL	\$36,000
George, Easo P.	Effects of Grain Size & Temperature On Tensile Behavior of DOP-26 Iridium	UT-Battelle, LLC-ORNL	\$75,900
Halstead, Peter D.	Biomechanics of Head Impace/Literature Review and Technical Assistance	Adams USA, Inc.	\$24,000
Hayward, Jason Peter; Maldonado, Guillermo Ivan	Development of a Certificate Program in Intelligence Analysis	UT-Battelle, LLC-ORNL	\$117,810
Heilbronn, Lawrence Harvey	Spacecraft Shielding Materials Test	Brookhaven National Laboratory	\$42,000
Hines, J Wesley; Ramsey, Chester Ray; Jantz, Richard L.; Jantz, Lee M.	Improving Facial Reproduction Using Empirical Modeling	National Institute of Justice	\$107,099
Islam, Syed K.	Miniaturized Wireless Implanatable Biosensors for Metabolic Monitoring	University of Connecticut	\$24,195
Kalyanaraman, Ramakrishnan	Collab Res: Develop of a Hydrogen Discriminating Low Temperature 1-D Noncomposite Microsensor	National Science Foundation	\$90,000
Langston, Michael A.	Ontological Discovery for Ethanol Research	UT-Battelle, LLC-ORNL	\$11,436
Lee, Ida	Surface Characterization and Mapping of Lignocellulose Samples by Chemical Force Microscopy	UT-Battelle, LLC-ORNL	\$36,046
Madhukar, Madhu S.	High-Performance Magnet Technology for Fusion Applications	Composite Technology Development, Inc.	\$112,007
Maldonado, Guillermo Ivan	Joint Faculty	UT-Battelle, LLC-ORNL	\$47,880
Mchargue, Carl J.	Development of Zirconium Carbide for Gen IV Nuclear Reactors	UT-Battelle, LLC-ORNL	\$10,000
Mchargue, Carl J.; Kercher, Andrew K.	Materials for Advanced Gas Reactor Project	UT-Battelle, LLC-ORNL	\$115,973
Mchargue, Carl J; Bai, Jianming	X-Ray Diffraction Research at the National Synchrotron Light Source	UT-Battelle, LLC-ORNL	\$29,295
Parker, Lynne E.	Implicit Coordination IR&D	Lockheed Martin	\$50,000
Penumadu, Dayakar	Neutron Imaging at HFIR and SNS	UT-Battelle, LLC-ORNL	\$24,999
Pharr, George M.	Joint Faculty	UT-Battelle, LLC-ORNL	\$13,432
Rack, Phillip D.	Regrowth of Superconduction Precursor Materials	UT-Battelle, LLC-ORNL	\$10,755
Sawhney, Rapinder S.	A Methodology for Six Sigma Black Belt Implementation at Major Research Institutions	UT-Battelle, LLC-ORNL	\$50,000
Schwartz, John Steven	Aquatic Habitat Modeling for Gatlinburg WWTP Upgrade Alternatives	McGill Associates	\$14,000
Straight, David W.	STARS Alliance Extension	University of North Carolina at Charlotte	\$20,203
Tolbert, Leon M.	Active Filter to Reduce Capacitance in DC Link of Inverter	UT-Battelle, LLC-ORNL	\$20,000
Tolbert, Leon M.	Design an FEA Analysis of Electric Machines for Hybrid Electric Vehicles	UT-Battelle, LLC-ORNL	\$20,000
Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.	Highly Integrated Gate Drive for High Temperance Converters	UT-Battelle, LLC-ORNL	\$50,000
Townsend, Lawrence W.	Update of the Nuclear Fragmentation Cross Section Code NUCFRG2	NASA - Langley Research Center-Financial Management Office	\$105,781
Townsend, Lawrence W.; Hines, J Wesley	Software Development for Nowcasting SEP Event Total Doses	Wyle Laboratories Inc.-Accounts Payable	\$45,003

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR DEC. 5, 2008–JAN. 15, 2009 (CONT.)

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Urbanik, Thomas	GIS Support	UT-Battelle, LLC-ORNL	\$2,653
Urbanik, Thomas; Clarke, David Bruce	FAF2: 2008 Provisional Commodity Origin Destination Estimate	Battelle Memorial Institute Columbus Operations	\$14,759
Wang, Xiaorui	Control-Theoretic Power and Performance Management for Green Data Centers	Microsoft Corporation, Inc	\$100,000
COLLEGE OF LAW			
Hess, Amy M.	Amy Hess/Univ. of Alabama Spring 09	University of Alabama	\$89,338
COLLEGE OF SOCIAL WORK			
Campbell, Paul M.; Patterson, David A.	HMIS Matching Funds Office of Mayor Ten Year Plan to End Chronic Homelessness	City of Knoxville	\$25,000
Cunningham, Maryanne Lynch	Knoxville Leadership Foundation 2007	Knoxville Leadership Foundation	\$14,500
Patterson, David A.	HMIS Matching Funds	United Way	\$10,000
Wodarski, John S.	HIV/AIDS Primary Prevention Program for Caribbean Adolscents	Until There's A Cure Foundation	\$10,000
CAMPUS CENTERS & JOINT INSTITUTES			
Hamrick, James Fuller	ITD 2009 Study of The United States for Student Leaders	Institute for Training and Development	\$342,881
Bell, Larry L.	Bioconversion of Fuels and Chemicals	UT-Battelle, LLC-ORNL	\$36,966
Bell, Larry L.	NASA/LBA	Science Systems and Applications, Incorporated	\$33,940
Bell, Larry L.; Alvic, Donald R.	OWIP/Building Equipment	UT-Battelle, LLC-ORNL	\$19,125
Davis, Kimberly L.	Verification of Simplicity Cleaning Product Environmental Claims	Simplicity International, Inc.	\$1,270
Hanahan, Ruth Anne	Tennessee Yards & Neighborhood (TN Y&N) Program	TN Dept of Agriculture	\$92,000
Pfiffner, Susan M.	Microbial Support for ORNL Projects	UT-Battelle, LLC-ORNL	\$21,701
Robinson, Kevin G.	Environmental Exposure from Clandestine Methamphetamine Production	Univ. of Alabama Environmental Health Sciences Center	\$11,806
Schexnayder, Susan M.	Coordinating Office - Southern Appalachian Man and the Biosphere Cooperative	UT-Battelle, LLC-ORNL	\$15,000
Thonnard, Norbert	Improvements to Secondary Neutral Laser Ionization Mass Spectrometer for Extraterrestrial Dust	Research Corporation of the University of Hawaii	\$87,800
Webster, Sheila	DOE Nuclear Weapons Complex HAZMAT Training	Kirkwood Community College-Grants and Federal Programs	\$100,000
Weitering, Hanno H.; Zhang, Zhenyu; Plummer, Earl Ward	Quantum Tuning of Chemical Reactivity for Storage and Generation of Hydrogen Fuels	UT-Battelle, LLC-ORNL	\$10,735
Woods, Clifton	Services Agreement	Procter & Gamble	\$10,000
Zacharia, Thomas	Parallel Performance Tuning	UT-Battelle, LLC-ORNL	\$15,000
Zacharia, Thomas	Nanomaterials Development	UT-Battelle, LLC-ORNL	\$47,350
Zacharia, Thomas	Memory Subsystem if a PetaScale Computer Platform	UT-Battelle, LLC-ORNL	\$51,771

RECOGNITIONS

<http://research.utk.edu>

Margaret 'Peggy' Gripshover, adjunct associate professor and lecturer in the Department of Geography, won the inaugural Excellence in Teaching Award in the Southeastern Division of the Association of American Geographers (SEDAAG).

Heather Hirschfeld, associate professor of English, was recently awarded a fellowship from the National Endowment for the Humanities for her project, "Satisfactions of the Renaissance: Revenge Tragedy and the English Reformation."

Margaret Lazarus Dean, assistant professor of English, has received a \$25,000 National Endowment for the Arts Literature Fellowship in Creative Writing.

David Reidy, associate professor of philosophy, recently won a 2008 National Endowment for the Humanities (NEH) Faculty Fellowship to support his work on an intellectual biography of political philosopher John Rawls. Reidy will spend the 2009-2010 academic year working as an NEH Fellow on the project.

Ted Shelton, assistant professor in the College of Architecture and Design, was recently honored with the Association of Collegiate Schools of Architecture (ACSA) Collaborative Practice Award for his project "SEED: Designing for Tennessee's State Parks."

Tricia Stuth, assistant professor in the College of Architecture and Design, was honored with the Housing Design Education Award granted jointly by ACSA and the American Institute of Architects (AIA) Housing & Custom Residential Knowledge Committee in recognition of exemplary education in housing design.