

## AWARDS AND RECOGNITIONS

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JULY 1, 2009

### AWARDS FOR JUNE 5–24, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Baker, Gregory Stephen	Multiscale Investigations on the Rates and Mechanisms of Targeted Immobilization and Natural Attenuation	UT-Battelle - ORNL	\$4,200
Coleman, Dawn Davina	Preaching and the Rise of the American Novel (Fellowship)	American Academy of Arts & Sciences	\$27,126
Emery, Joshua Patrick	IRAC Reflectances of Cold Classical KBOs and Centaurs	NASA - Jet Propulsion Lab - California Institute of Tech	\$97,284
Gage, Matthew David	Section 106 Compliance-Watts Bar/Clinch and Little Tennessee Watersheds	Tennessee Valley Authority	\$24,924
Gordon, Kristina Coop; Hellmuth, Julianne C.	Risk Factors for Inmate Partner Violence in Pregnant Women	NIH - National Institute on Alcohol Abuse and Alcoholism	\$25,422
Harrison, Robert J.; Peterson, Gregory D.; Hinde, Robert J.	Collaborative Research: Cyber-Infrastructure and Research Facilities: Chemical Computations on Future High-End Computers	National Science Foundation	\$189,300
Hollenbach, Kandace Renee	Geophysical Survey of the Nashville City Cemetery, Davidson County, Tennessee	Metro Historical Commission	\$4,990
Jain, Nitin	Structure-Function Studies of Endotoxin Receptor CD14	NIH - National Institute of Allergy & Infectious Diseases	\$26,974
Kah, Linda C.	Laterally Extensive Breccias in the Mesoproterozoic Atar Group, Mauritania: Tsunami Deposition Resulting from a Marine Extraterrestrial Impact?	National Science Foundation	\$47,115
Klippel, Walter E.	Faunal Analyses of NonHuman Vertebrate Remains from the Corps Site (1CK56), Clarke County, Al	Univ. of S. Alabama - Center for Archaeological Studies	\$5,000
Mazur, Peter; Roberts, Daniel M.	Aquaporins, Ice Formation in Cells, and Cryopreservation	NIH - National Center for Research Resources	\$435,445
Moreo, Adriana; Dagotto, Elbio Ruben	ITR: Correlated Electrons in Complex Oxides and Nanoscopic Systems	National Science Foundation	\$136,000
Park, Jae H.	ARRA: Programed Cell Death During Post-Embryonic CNS Development	National Science Foundation	\$549,582
Peterson, Cynthia B.; Langston, Michael A.; Dongarra, Jack	IGERT for Scalable Computing and Leading Edge Innovative Technologies (SCALE-IT) for Biology	National Science Foundation	\$599,880
Plaut, Conrad Peck; Daverman, Robert J.	REU Site in Mathematics at The University of Tennessee	National Science Foundation	\$176,858
Sepaniak, Michael J.	Synthesis of Noble Metal Nanoparticles as Advanced High Performing Substrates for Surface Spec.	UT-Battelle - ORNL	\$4,536
Smith, Jeremy Christopher	ARRA: Integration of Computer Simulation and Neutron Scattering in the Characterization of Protein Dy	National Science Foundation	\$410,277
Sparer, Tim E.	ARRA: Viral Chemokine Alteration of Neutrophil Functions	NIH	\$40,259
Taylor, Lawrence A.; Liu, Yang	Lunar Aerosol Dust Toxicology Advisory Group: Lunar Dust Characterization	NASA - Headquarters Washington, DC	\$100,000
Thompson, James R.; Plummer, Earl Ward	Growth and Characterization of Magnetic Nanostructures	UT-Battelle - ORNL	\$11,963
Wilhelm, Steven W.	Collaborative Research: Evaluating nutrient Reductions to Control Cyanobacteria and Ensure Large Lake Sustainability: Lake Taihu (China) as a Model	National Science Foundation	\$43,709
Wilhelm, Steven W.	ARRA: Collaborative Research: Characterizing the Constraints on Virus Infection of Cyanobacteria	National Science Foundation	\$299,798
Wilhelm, Steven W.	Winter Assessment of Microbial Biomass and Metabolism: Testing the Importance of Winter Productivity to Summer Hypoxia in Lake Erie	Clarkson University	\$5,500
Williams, Joseph Hill; Taylor, Mackenzie Lorraine	Dissertation Research: Evolutionary Development of the Programic Phase in Nymphaeales	National Science Foundation	\$10,974
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Fox, William F.	Fiscal Impact Analysis of Proposed May Town Center Development	Metropolitan Government of Nashville and Davidson County	\$170,000
Fox, William F.	Reestimation of the Cost Differential Factor	State of Tennessee	\$24,838
<b>COLLEGE OF COMMUNICATION &amp; INFORMATION</b>			
Suttles, Barbara C.	Technical Support to the National Transportation Research Center	UT-Battelle - ORNL	\$15,643

## AWARDS FOR JUNE 5–24, 2009 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Chen, Guoxun	Determine the Mechanism that Retinoids Synergize with Insulin to Induce Gck1 Expression	American Heart Association National Center	\$77,000
Raynor, Hollie Anne	Eating Frequency Prescription for a Behavioral Weight Loss Intervention	American Heart Association - National	\$21,770
<b>COLLEGE OF ENGINEERING</b>			
Alvic, Donald R.; Bell, Larry L.	Technical Support to ORNL/ESK (NASA-DAAC)	UT-Battelle - ORNL	\$47,726
Arimilli, Rao V.	Direct-Cooled Power Electronics Substrate Designs	UT-Battelle - ORNL	\$18,239
Benson, Roberto S.	Characterization of Precursor Fibers and Carbon Fibers	UT-Battelle - ORNL	\$40,000
Dahotre, Narendra B.	Laser Assisted Rapid Surface Microstructuring of Alumina Ceramic	National Science Foundation	\$51,123
Dmowski, Wojciech	Collaborative Research: Probing Atomic Structure Changes in Deformation of Metallic Glasses: An Experimental and Computational	National Science Foundation	\$74,999
Fathy, Aly E.; El-Ghazaly, Samir M.	Simulation and Measurement Study for Spallation Neutron Source Project	UT-Battelle - ORNL	\$89,856
Pharr, George M.	Piezoceramic and Piezoceramic Multilayer Actuator Characterization	UT-Battelle - ORNL	\$54,262
Prowell, Stacy J.; Swain, William T.; Poore, Jesse H.	SNS Analysis Software Architecture and Process Definition	UT-Battelle - ORNL	\$33,750
Rack, Phillip D.; Joy, David C.	Molecular-Scale Engineering and Nanoscale Technologies (MENT)	UT-Battelle - ORNL	\$22,556
Tolbert, Leon M.	Design an FEA Analysis of Electric Machines for Hybrid Electric Vehicles	UT-Battelle - ORNL	\$10,557
Urbanik, Thomas II	Support to Transportation Policy Analysis Research Program	UT-Battelle - ORNL	\$18,869
Urbanik, Thomas II; Alvic, Donald R.	Support to CTA Research Programs	UT-Battelle - ORNL	\$49,005
<b>COLLEGE OF NURSING</b>			
Creasia, Joan L	Advanced Education Nursing Traineeship	DHHS - Public Health Service - Health Resources Services	\$75,308
<b>COLLEGE OF SOCIAL WORK</b>			
Patterson, David A.; Campbell, Paul M.	Knoxville HMIS	HUD - Office of Policy Develop & Research	\$132,282
Patterson, David A.; Nooe, Roger M.; Campbell, Paul M.	Homeless Management Information System (HMIS)	HUD - Office of Policy Develop & Research	\$2,000
<b>CAMPUS CENTERS &amp; JOINT INSTITUTES</b>			
Gangaware, Timothy R.	Watershed Improvement Initiative	Tennessee Valley Authority	\$9,000
Hanahan, Ruth Anne; Gangaware, Timothy R.	Tennessee Yards & Neighborhoods Pilot Rain Barrel Program	Tennessee Valley Authority	\$7,500
Sayler, Gary; Ripp, Steven; Patterson, Stacey; Fleming, James	Real-time Bioreporter Sensor and Therapeutic Effector Loop for Monitoring Physiological Fluctuations	National Science Foundation	\$198,490
Sayler, Gary; Stewart, Charles; Smith, Jeremy; Jouline, Igor; Cox, Chris	Cellulosic Biomass Deconstruction, Characterization and Modeling	UT-Battelle - ORNL	\$994,000
Tsai, Peter Ping-Yi	Investigation of the Thermal Insulation Properties of the Fiber-injected Meltblown Fabrics	Shinih Fiber Products (Tangshan)	\$75,000

## RECOGNITIONS

**G. Kurt Piehler**, associate professor of history, has been selected to attend a summer study opportunity supported by the National Endowment for the Humanities. Piehler will participate in a seminar titled "Religious Diversity and the Common Good," at Boston College.

**Sam Swan**, professor of journalism and electronic media, has been honored with the University of Montana's 2009 Edward L. Bliss Award for Distinguished Broadcast Journalism Education.

*Fundamentals of Financial Management (12th ed.)* by James Van Horne and **John M. Wachowicz** is being published in a Georgian-language version by Sakartvelos Matsne, Ltd. Wachowicz is a professor in the UT Department of Finance.

**Erik Zinser**, assistant professor in microbiology, has been invited to join the editorial board of the academic journals *Environmental Microbiology* and *Environmental Microbiology Reports*.