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Office of Research & Engagement

7-1-2009

Office of Research, Awards & Recognition, July 01, 2009

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Recommended Citation

Office of Research, University of Tennessee, "Office of Research, Awards & Recognition, July 01, 2009" (2009). *Awards and Recognitions*.

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AWARDS AND RECOGNITIONS

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JULY 1, 2009

AWARDS FOR JUNE 5–24, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
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
COLLEGE OF BUSINESS ADMINISTRATION			
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
COLLEGE OF COMMUNICATION & INFORMATION			
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
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
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
COLLEGE OF ENGINEERING			
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
COLLEGE OF NURSING			
Creasia, Joan L	Advanced Education Nursing Traineeship	DHHS - Public Health Service - Health Resources Services	\$75,308
COLLEGE OF SOCIAL WORK			
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
CAMPUS CENTERS & JOINT INSTITUTES			
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*.