

OCTOBER 1, 2008

AWARDS AND RECOGNITION

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR SEPTEMBER 12–25, 2008

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Baker, David C.	Hydration Drive Processes in Bioenergy	UT-Battelle, LLC-Oak Ridge National Laboratory	\$20,500
Decorse, Elizabeth Kellar	Phase I Archaeological Survey of the Proposed Water Main Extension, Sevierville, Sevier County	Individual	\$5,809
Gaertner, Lowell A.	A Biol-Social Model of Positive Ingroup Regard	National Science Foundation	\$399,952
Greene, Geoffrey L.	Redetermination of the Neutron Lifetime by the Accurate Determination of Neutron Flux	National Institute of Standards and Technology	\$30,000
Hix, William Raphael	Continued Explorations of the Nucleosynthesis of Core Collapse Supernovae	National Science Foundation	\$77,067
Howell, Elizabeth E.	R67, the Other Dihydrofolate Reductase	National Science Foundation	\$170,444
Mannella, Norman	Expanding the Capabilities of Photoelectron Spectroscopy as to Reveal the Coupling of Different Degrees of Freedom in Complex Electron	National Science Foundation	\$150,000
Peterson, Cynthia B.	Grad Reserch Assistant-Alison Russell	UT-Battelle, LLC-Oak Ridge National Laboratory	\$38,008
Small, Pamela	Transmission of Mycobacterium Ulcerans	UBS Optimus Foundation	\$332,946
Vogt, Frank	Chemometric and Statistical Modeling of Spectroscopic Analyses for Measuring Cotton Properties	USDA	\$33,500
Wise, Steven Matthew	Collaborative Research: Multiscale Modeling of Solid Tumor Growth	National Science Foundation	\$57,715
COLLEGE OF BUSINESS ADMINISTRATION			
Justice, Molly B.	Graduate Student Support for Y-12	Oak Ridge Associated Universities	\$13,366
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Brewer, Ernest W.	Educational Opportunity Center	US Department of Education	\$451,653
Brewer, Ernest W.	Pre-College Upward Bound	US Department of Education	\$386,632
Brewer, Ernest W.	Veteran's Upward Bound	US Department of Education-Bur Postsecondary Ed - Work Study	\$315,916
White, Connie L.	Technical Assistance and Training to State Improvement Grant (SIG)	TN Department of Education— Division of Special Education	\$290,185
COLLEGE OF ENGINEERING			
Abidi, M Al	Robotic Data Acquisition and Modeling (RD&M) for Directed Stockpile Work (DSW) and Related Campaigns	DOE-Albuquerque Financial Service Center-Albuquerque Ops Off	\$800,000
Bennett, Richard Martin	Enhanced Finite Element Analysis Crash Model of Tractor-Trailers (Phase B)	National Transportation ResearchCenter, Incorporated	\$20,000
Cavin, Odis B.; McHargue, Carl J.	Residual Stress Texture and Retained Austenite Characterization	UT-Battelle, LLC-Oak Ridge National Laboratory	\$25,946
Gao, Yanfei	Energetics and Kinetics of Nanoscale Incipient Dislocation Plasticity	UT-Battelle, LLC-Oak Ridge National Laboratory	\$37,370
Komistek, Richard David; Mahfouz, Mohamed R.	In Vivo Determination of 3D Kinematics for Subjects Having a Prestige Single Level Cervical Disk Replacement	Medtronic Neurologic Technologies	\$236,197
Langston, Michael A.	INIA - Stress: Informatics and Analysis Core	Virginia Commonwealth University	\$80,336
Li, Fangxing	Distributed Energy Communications and Control (DECC) Test Project	UT-Battelle, LLC-Oak Ridge National Laboratory	\$50,000
Liaw, Peter K.; Choo, Hahn; Buchanan, Raymond Allen	International Materials Institutes (IMI) Proposal: Advanced Neutron Scattering Network for Education and Research: With a Focus on Mechanical Behavior	National Science Foundation	\$657,570
Maldonado, Guillermo Ivan	High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor	UT-Battelle, LLC-Oak Ridge National Laboratory	\$40,000
Moore, Shirley V.	SDCI HPC Improvement: High-Productivity Performance Analysis and Tools Environment	University of Oregon	\$8,000

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR SEPT. 12–25, 2008 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Parker, Lynne E.	Implicit Coordination IR&D	Lockheed Martin	\$10,000
Urbanik, Thomas; Elhanany, Itamar	Heavy Vehicle Safety at Traffic Signals (Phase B)	National Transportation Research Center, Incorporated	\$106,288
LIBRARY			
Dewey, Barbara I.	UT/ORNL Library Project	UT-Battelle, LLC-Oak Ridge National Laboratory	\$400,000
COLLEGE OF SOCIAL WORK			
Campbell, Paul M.; Patterson, David A.	HMIS Knox County - HUD CDBG Matching Funds 2008-2009	Knox County Community Development Office	\$10,000
Campbell, Paul M.; Patterson, David A.	HMIS Knox County - HUD CDBG Matching Funds 2008-2009	Knox County Community Development Office	\$10,000
CAMPUS CENTERS & JOINT INSTITUTES			
Davis, Kimberly L.	Verification of Simplicity Cleaning Product Environmental Claims	Simplicity International, Inc.	\$3,315
Geibig, Jack R.	Cleaning Research Environmental and Human Health Affects Database	Other industry non-specified	\$14,400
Geibig, Jack R.; Wilt, Catherine A.	Electronic Standards Development in Continuance of EPEAT	US Environmental Protection Agency	\$179,550
Parker, John C.	Verification of Methods for Assessing the Sustainability of Monitored Natural Attenuation	Virginia Polytechnic Institute & State University	\$85,357
Poore, Jesse H.; Jouline, Igor Borisovich	Computational Genomics of Signal Transduction	NIH - National Institute of General Medical Sciences	\$184,502
Zacharia, Thomas	Fabrication and Testing of Novel Sources of Entangled Photons	UT-Battelle, LLC-Oak Ridge National Laboratory	\$33,283

RECOGNITIONS

Gajanan Bhat, professor of materials science and engineering and director of the UT Nonwoven Materials Research Laboratory (UTNRL), recently presented two papers at the Annual International Nonwovens Technical Conference.

Ernest Freeberg, associate professor of history, had his most recent book *Democracy's Prisoner: Eugene V. Debs, the Great War, and the Right to Dissent* published by Harvard University Press.

Todd Freeberg, associate professor of psychology, was recently quoted in an article in *The Chronicle of Higher Education* titled "For Researchers on Animals, Ethics Training Is Sparse."

Bin Hu, associate professor in materials science and engineering, has had an article published in the September issue of *JOM*, the journal of the Minerals, Metals & Materials Society. The article is titled "Solar Energy-Conversion in Organic Solar Cells."

Ramki Kalyanaraman, associate professor of materials science and engineering, is co-author of "Functional Nanostructures through Nanosecond Laser Dewetting of Thin Metal Films" which was published in *JOM*, the journal of the Minerals, Metals & Materials Society.

Jim McNulty, assistant professor of psychology, has won an Early Career Award from the Relationship Researchers Interest Group within the Society for Personality and Social Psychologists (SPSP). As recipient of this award, he will speak at the SPSP Close Relationships Preconference next February.

An Associated Press profile of **Jay Rubenstein**, associate professor in medieval history, received broad exposure in national newspapers recently. Rubenstein won a MacArthur Foundation "genius grant" last year.

Courtney Cronley, doctoral candidate in the College of Social Work, has been awarded a competitive Doctoral Dissertation Research Grant from the U.S. Department of Housing and Urban Development's Office of University Partnerships. The \$25,000 grant will fund data collection and analysis for her dissertation.

<http://research.utk.edu>

Civil Engineering doctoral candidate **Qiao Dong** was awarded a 2008 Portland Cement Association Research Fellowship worth \$20,000 for his involvement in concrete research.

Nuclear Engineering doctoral candidate **Carley Harris** was selected by the American Society of Therapeutic Radiology and Oncology (ASTRO) as a recipient of the ASTRO Resident Clinical Basic Science Research Award for her paper titled "A Novel Technique for Predicting which Head and Neck Patients will Require Adaptive Therapy." She will present her research at ASTRO's 50th annual meeting.

WANTED: News & Nominations

The UT Office of Research is seeking research news and opportunities, scholarly and professional recognition, and nominations for "Scholar of the Week."

Send items for either *News & Opportunities* (the green newsletter) or *Awards & Recognition* (the gold newsletter) to Bill Dockery (dockeryb@utk.edu), preferably by the Wednesday preceding the expected publication date.

To nominate a colleague for "Scholar of the Week," send a note to Dennis McCarthy (dmmccarthy@utk.edu).