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Office of Research, Awards & Recognition, August 11, 2010

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THE UNIVERSITY of TENNESSEE UT KNOXVILLE

Awards and Recognitions

http://research.utk.edu AUGUST 11, 2010

AWARDS FOR JULY 23–AUGUST 5, 2010

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Allison, David	Destroying Pathogenic Bacteria Using Targeted-Nanoparticles	UT-Battelle	$96,424
Cook, Kelsey	Support of Andrew Dykstra	UT-Battelle	$12,971
Dai, Pengcheng; Plummer, Earl; Thompson, James	Growth and Characterization of Magnetic Nanostructures	UT-Battelle	$18,760
Daverman, Robert	2010-2011 Annual Service Agreement to the American Mathematical Society	American Mathematical Society	$160,491
DeCorse, Elizabeth	Geophysical Survey of Light Pole Locations at Old Gray Cemetery in Knoxville, Knox County, Tennessee	Old Gray Cemetery Educational Historical Memorial Association	$1,483
Emery, Joshua	Mineralogical Constraints and Modeling of Asteroids from 3-micron Spectroscopy	John Hopkins University	$8,756
Feigerle, Charles	Ultrafast Laser Spectroscopy of Surfaces	UT-Battelle	$13,447
Gordon, Kristina	Practicum Experience in Clinical Psychology for Students	East TN Children's Hospital	$10,000
Grzywacs, Robert	Comprehensive-beta Decay Measurements of Very Neutron Rich Nuclei	Rutgers	$231,124
Heath, Barbara	Engaging the Piedmont: Transitions in Virginia Slavery 1730-1790	National Endowment for the Humanities	$240,000
Labotka, Theodore	Olivine-Fluid Interactions and Crystal Growth of Olivine	UT-Battelle	$12,572
Mays, Jimmy; Durairaj, Baskaran	Synthesis of Novel Hydrocarbon Soluble Multifunctional Anionic Initiators	US Army	$70,000
McKee, Bruce	Mechanism of Meiotic Pairing in Drosophila Males	NIH - General Medical Sciences	$304,525
McNulty, James	Differentiating between Global and Specific Marital Expectancies	National Institute of Health	$72,765
Richter, Stefan; Sundberg, Carl	Operator Theory and Function Theory for the Unit Ball of Cˆd	National Science Foundation	$89,188
Sangster, Mark	University of Rochester Center of Excellence for Influenza Research	University of Rochester	$3,286
Sepaniak, Michael	Microcantilever Transducers: Hydrogen Detection	UT-Battelle	$21,767
Shen, Jian	Physics for Portion of DOE SISGR Project	Louisiana State University	$56,377
Stuart, Gregory	Practicum Experience in Clinical Psychology for Students	Cornerstone of Recovery	$12,000
von Arnim, Albrecht	Eukariotic Initiation Factor 3 (EIF3) and 5' MRNA Leader Sequences as Agents of Translational Regulations in Arabidopsis	Dept. of Energy	$175,000
Zhao, Bin	Materials World Network: Collaborative Research: Nanoscale Self-Assembly of Well-Defined Binary Mixed Homopolymer Brushes	National Science Foundation	$99,000
COLLEGE OF BUSINESS ADMINISTRATION			
Fox, William	Child Care Market Rate Survey and Analysis	TN Dept. of Health Services	$26,100
Fox, William; Bruce, Don	Expenditure Projections in the Tennessee Education Lottery Scholarship Program	TN Higher Education Commission	$50,000
Miller, Alex; Barton, Rhonda W.; Fox, William F.; Riblett, John E.	Continuous Process Improvement in Air Force Acquisition	Air Force	$121,089
Murray, Matthew	Economic Report to the Governor FY 2011 (ERG)	TN Dept. of Economic & Community Development	$185,956
COLLEGE OF COMMUNICATION & INFORMATION			
Tenopir, Carol; Allard, Suzanne; Normore, Lorraine; Singh, Vandana	CESU - Increasing Biodiversity Information Sources (IBIS): Technical Assistance and Support for Delivery	United States Geological Survey	$157,298
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Benner, Susan	Newborn Hearing Program	State of TN	$181,000
Brewer, Ernest	Upward Bound Math-Science	US Dept. of Education	$297,034
Kolvits, Marcia; Benner, Susan; Woolsey, Mary	PEPNet South	US Dept. of Education	$1,000,000
Mulligan, Geri	Adult Education Professional Development and Technical Assistance	TN Dept. of Labor and Workforce Development	$585,616
Rider, Robert	Tennessee Governor's Academy 2011	TN Dept. of Education	$1,589,000
White, Connie	Knox County High Schools Redesign	Knox County Schools	$50,000
Wolbers, Kimberly; Dunn, Patrick; Woolsey, Mary	Rehabilitation Counselor Education - Deafness Focus	US Dept. of Education	$100,000
COLLEGE OF ENGINEERING			
Attard, Thomas	NEESR Next-Gen Program	National Science Foundation	$24,162
Bray, Larry	Ohio River Basin, Regional Input/Output Analysis-Transportation Rate Update 2010	Marshall University	$219,000
Cao, Qing	CAREER: Operating System Based Energy Virtualization for Sensor Networks	National Science Foundation	$80,312

AWARDS FOR JULY 23–AUGUST 5, 2010 (CONT.)			
INVESTIGATOR	TITLE	SPONSOR	AWARD
Clarke, David; Urbanik, Thomas	DOE/EPA Fuel Economy Information Site	UT-Battelle	$75,530
Fu, Joshua	Air Pollution and Climate Modeling	Environmental Protection Agency	$75,000
Huang, Baoshan	International Collaboration of Research in Warm Mix Asphalt Containing RAP	Changsha University of Science and Technology	$15,000
Islam, Syed	Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring	University of Connecticut	$54,500
Langston, Michael	DOE-BER Proteomics Project	UT-Battelle	$3,180
Liao, Haitao	Modification and Development of a RAMI Model of the SNS Accelerator Systems Complex	UT-Battelle	$53,408
Mahfouz, Mohammed; Fathy, Aly	Achieving sub-mm Accuracy with a Novel Indoor UWB Positioning System in Dense Multipath Environments for Medical Applications	National Science Foundation	$360,000
Maldonado, Guillermo Ivan	Development of Nuclear Reactor Models	UT-Battelle	$110,000
McHargue, Carl	Neutron Optics and Crystals	UT-Battelle	$17,117
Parker, John C.	DOE-ERSP FRC Multiscale e-Investigations of Immobilization and Natural Attenuation	UT-Battelle	$21,163
Parker, Lynne; Straight, David	STARS Alliance Extension	University of NC - Charlotte	$4,394
Pharr, George	Piezoceramic and Piezoceramic Multilayer Actuator Characterization	UT-Battelle	$27,500
Plank, James	CSR: Developing and Implementing High Performance Erasure Codes to Tolerate Storage Failures	National Science Foundation	$410,036
Rack, Philip	Sputtering Multilayer SiO2/TiO2 Optical Materials (Phase II)	Aegis Technologies Group, Inc.	$24,890
Schwartz, John	CESU - Biological Effects of Acidic Deposition on Macroinvertebrates and Fish Communities within the Great Smoky Mountains National Park	US Dept. of Interior - NPS - Great Smoky Mountains National Park	$25,000
Schwartz, John	Establishment of Functional Links Between Sediment Conditions and Aquatic Communities for TMDL Development	US Dept. of Agriculture	$77,160
Tootle, Glenn	Climate Extremes and Uncertainty	UT-Battelle	$15,000
Wang, Fred; Tolbert, Leon	Testing Systems for High-Temperature, High-Density SiC Power Electronics Converters	Office of Naval Research	$502,948
Zawodzinski, Thomas	Extended, Continuous Platinum Nanostructures in Think, Dispersed Electrodes	National Renewable Energy Laboratory	$164,504
Zhang, Mingjun	MEMS Device for Studying Tumor Metastasis	UT-Battelle	$14,319
COLLEGE OF SOCIAL WORK			
Campbell, Paul; Cunningham, Maryanne	Child Care Research and Evaluation FY11 (STARS)	TN Dept. of Human Services	$2,290,412
Campbell, Paul; Cunningham, Maryanne	One Call Program Evaluation	Knoxville-Knox County Community Action Committee	$20,248
Patterson, David	HMIS Matching Funds - YWCA	YWCA of Knoxville	$1,000
CAMPUS CENTERS & INSTITUTES			
Briscoe, Connie; Burroughs, Marci; Mallinckrodt, Brent; Reilly, Daniel	VolAware Suicide Prevention Initiative - A Collaborative Approach to Addressing Mental Health	Substance Abuse and Mental Health Services Admin (SAMHSA)	$99,999
Fuentes-Cabrera, Miguel	Synthesis of Protein-Based Organelles for Biofuels Production	University of Buffalo	$25,000
Gross, Louis	National Institute for Mathematical and Biological Synthesis (NIMBioS)	National Science Foundation	$186,298
Corda, Stephen	2010 Atmospheric Science Research - UTSI	US Department of Commerce	$975,000

RECOGNITIONS

Bruce Bursten, dean of the College of Arts and Sciences, has been named to the American Chemical Society (ACS) fellows program. ACS fellows are recognized for their outstanding achievements in and contributions to the science and the profession, and service to the society.

Oscar Rivera-Rodas, professor of Spanish, organized two international conferences on Latin American Literature this summer focusing on theatre and poetry. They were held in the city of Puebla, Mexico, and attended by scholars from around the world.

Carol Tenopir, Chancellor's Professor in the School of Information Sciences, has been awarded the Distinguished Alumnus Award from the University of Illinois, Urbana-Champaign. Tenopir earned her doctorate from the university's Graduate School of Library and Information Science.

The UT Knoxville student chapter of the **American Society of Interior Designers** (ASID) has been named the 2009-2010 ASID Student Chapter of the Year. In addition to an official award certificate, the chapter received a monetary award of $750 for its outstanding effort and dedication.

CORRECTION: In the July 28 edition, it was reported that J.A.M "Toby" Boulet was appointed faculty chair of the University of Tennessee Board of Trustees. Boulet was actually appointed to one of the two faculty seats on the board.

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