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Office of Research & Engagement

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University of Tennessee Office of Research

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AWARDS AND RECOGNITIONS

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OCTOBER 20, 2010

AWARDS FOR SEPTEMBER 18–OCTOBER 15, 2010

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARCHITECTURE & DESIGN			
Stach, Edgar; Rose, James	Solar Decathlon	Tennessee Valley Authority	\$265,000
COLLEGE OF ARTS & SCIENCES			
Bartmess, John	Abstraction and Evaluation of Thermochemical Data for Gas Phase Anions and Anion Clusters for the NIST Webbook	National Institute of Standards and Technology	\$19,933
Bingham, Carol	Matching Funds - UT/ORNL Joint Institute	UT-Battelle	\$257,256
Bingham, Carol	Matching Funds - UT/ORNL Joint Institute	UT-Battelle	\$50,000
Dolislager, Fredrick; Gross, Louis; Galloway, Leslie	Risk Integration Support for FY 2011	Bechtel Jacobs Company	\$2,536
Dolislager, Fredrick; Gross, Louis	ETTP Zone 1 ROD Amendment Support for FY 2010 WR60	Bechtel Jacobs Company	\$30,582
Driskell, Boyce	Geoarchaeological Investigation of the Widows Creek Site (JA205), Guntersville Reservoir, Jackson County, Alabama	TN Valley Archaeological Research	\$4,452
Feigerle, Charles	SNS Foils Project	UT-Battelle	\$37,384
Gage, Matthew	Section 106 Compliance - Watts Bar/Clinch & Little TN Watersheds	Tennessee Valley Authority	\$55,412
Harden, Carol; Lee, Jaehoon	Collaborative Research: Effects of Land-Use Change on the Production of Ecosystem Services in Paramo Grasslands	National Science Foundation	\$32,785
Kabalka, George	Synthesis of Active Blood Flow Agents	UT-Battelle	\$37,819
Loeffler, Frank; Ritalahti, Kirsti	BioRed: Biomarkers and Tools for Reductive Dechlorination Site Assessment, Monitoring and Management	Dept. of Defense	\$314,236
Loeffler, Frank	Role of Microenvironments and Transition Zones in Subsurface Reactive Contaminant Transport	Battelle Memorial Institute - PND	\$100,000
Nagle, Nicholas	Collaborative Research: Putting People in Their Place: Constructing a Geography for Census Microdata	National Science Foundation	\$293,433
Nash, Michael	Practicum Experience in Clinical Psychology for Students	Helen Ross McNabb Center	\$5,000
Sokolov, Alexei	Microscopic Details of Polymer Dynamics: From Fast Dynamics to Segmental and Chain Relaxations	National Science Foundation	\$106,390
Taylor, Lawrence; Liu, Yang	Lunar Aerosol Dust Toxicology Advisory Group, Lunar Dust Characterization	NASA	\$17,000
Weitering, Hanno; Dadmun, Mark; Duscher, Gerd; Khomami, Bamin; Mannella, Norman	MRI: Acquisition of a Molecular Beam Epitaxy Apparatus with In-Situ Scanning Probe Capabilities for the Synthesis	National Science Foundation	\$661,200
Weitering, Hanno; Zhang, Zhenyu	Quantum Tuning of Superconducting, Plasmonic, and Chemical Properties of Metallic Nanostructures	Univ. of Texas, Austin	\$133,946
COLLEGE OF BUSINESS ADMINISTRATION			
Cathey, Amy	Social Media Pilot Demonstration Development	B&W Y-12, LLC	\$20,000
Fox, William	Study on the Market for Tennessee Community Colleges	TN Board of Regents	\$130,531
Moore, John	Provide Services Supportive of the Employment Standards Adm.	US Dept. of Labor	\$199,092
COLLEGE OF COMMUNICATION & INFORMATION			
Suttles, Barbara	Technical Support to the National Transportation Research Center	UT-Battelle	\$23,399
COLLEGE OF HEALTH, EDUCATION & HUMAN SCIENCES			
Chen, Jiangang	In Utero and Neonatal Effects of Triclocarban Exposure	Nat'l Inst. of Environmental Svs	\$199,109
Cochran, Jeff; Kronnick, Robert; Spurgeon, Shawn; Gibbons, Melinda	Preventing Juvenile Delinquency Through Targeted Mental Health Counseling Services in Urban Title 1 Schools - The Reach Project	State of Tennessee	\$33,000
Gardner, Diane	EFF Prof. Development Initiative for Oklahoma Lifelong Learning	Oklahoma Dept. of Education	\$110,000
Haughton, Betsy; Spence, Marsha	Leadership Education in Maternal and Child Health Nutrition	Health Resources & Svc. Admin.	\$14,000
Mincey, Bethany	Pellissippi State Adult Education	Pellissippi State	\$15,200
Moran, Mary Jane; Hallam, Rena Ann	A Competency Based Licensure Model for Head Start Teachers	Knox County Schools - Head Start	\$36,868
Ponder, Beth	LINCS Resource Collections Grant	US Dept. of Education	\$317,918
Ponder, Beth	LINCS Region II Resource Center	US Dept. of Education	\$429,321
Raynor, Hollie	Translating Habituation Research to Interventions for Pediatric Obesity	State University of New York	\$22,471
COLLEGE OF ENGINEERING			
Attard, Thomas	NEESR Next-Gen Program	Rice University	\$25,528
Clarke, David	Cross Walk Tables Assistance	UT-Battelle	\$38,847
Ganguly, Auroop	Understanding Climate Change: A Data Driven Approach	Univ. of Minnesota	\$180,000
Gao, Yanfei	Energetics and Kinetics of Nanoscale Incipient Dislocation Plasticity	UT-Battelle	\$25,000
Gribok, Andrei	Mathematical Models and Data Processing Routines from Real-Time Ambulatory Sensor Data Collected on Free-Living Individuals	US Dept. of Agriculture	\$31,137
Hall, Howard	Novel Applications of Force Microscopy	UT-Battelle	\$118,214

AWARDS FOR SEPTEMBER 18–OCTOBER 15, 2010 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Heilbronn, Lawrence	Nuclear Energy University Programs - Fellowships & Scholarships	US Dept. of Energy	\$20,000
Irick, David	GATE Center for Advanced Hybrid Propulsion and Control Systems and The University of Tennessee	US Dept. of Energy	\$90,627
Islam, Syed	Needle Implantable Wireless Multisensors for Continuous Glucose Monitoring	Biorasis, Inc.	\$25,000
Kihm, Kenneth	Multi-Scale Energy Transport in High Temperature Heat Pipes for Leading Edges	Lockheed Martin Services	\$75,000
Komistek, Richard	In Vivo Comparison of Kinematics for Subjects Implanted with a PFC Sigma Rotating Platform of Fixed Bearing Total Condylar III Prosthesis	DePuy Products, Inc.	\$200,000
Langston, Michael	DOE-BER Proteomics Projects	UT-Battelle	\$8,946
Liao, Haitao	The Faculty Development Program at University of Tennessee	Nuclear Regulatory Commission	\$316,578
Liaw, Peter	Surface Modification of Bulk-Metallic Glasses by Laser-Penning	National Science Foundation	\$6,250
Liu, Yilu	Data Driven Power System Modeling Study	ABB	\$130,000
Liu, Yilu	Enhancement and Integration of Location of Disturbance	Electric Power Research Inst.	\$37,500
Maldonado, Ivan	High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor	UT-Battelle	\$10,000
McHargue, Carl	Mechanical Properties of Nuclear Materials	UT-Battelle	\$29,000
McHargue, Carl; Cavin, Odis Burl	Residual Stress Texture and Retained Austenite Characterization	UT-Battelle	\$38,919
McHargue, Carl	Membership in Center for Materials Processing	General Electric Global Research	\$40,000
Melcher, Charles	An Efficient, Solid State Detector for Nuclear Medicine	Radiation Monitoring Devices, Inc.	\$25,000
Moore, Shirley	Development of an Automated Tool for Locating Harvesting and Storage Experimental Scientific and Technical Data	Information International Associates	\$48,953
Ruggles, Arthur	Spallation Target Fluid-Dynamic Studies with Mercury and Helium-Mercury Mixtures	UT-Battelle	\$44,178
Townsend, Lawrence	Additional Improvements to the HZETRN Code and the NUCFRG2 Database	NASA	\$20,000
Wang, Xiaorui	Enforcing Timing and Power/Thermal Constraints for Mission-Critical Real-Time Embedded Systems	Office of Naval Research	\$25,245
Wirth, Brian	Microstructure and Property Evolution in Advanced Cladding and Duct Materials Under Long-Term and Elevated Temperature Irradiation; Modeling and Experimental Investigation	Idaho National Laboratory	\$1,320,086
Zhang, Yanwen; Xiao, Haiyan	EFRC Theory and Computational Support	UT-Battelle	\$60,000
Zhang, Zhili	Transport and Collective Properties of Diluted Magnetic Semiconductor Multilayers and Nanostructures	Univ. of Texas, Austin	\$55,000
COLLEGE OF SOCIAL WORK			
Campbell, Paul; Cunningham, Maryanne	MTSU Tennessee Center for Child Welfare FY 2011	TN Dept. of Children's Services	\$1,375,161
Davis, Cindy	A Randomized Study of Self-Advocacy Training for Minority and Underserved Breast Cancer Survivors	The New York Community Trust	\$40,000
Wodarski, John; MacMaster, Samuel	E-therapy Screening and Interventions for Vulnerable Young Adults with SA Co-morbidity	SAMHSA	\$400,000
CAMPUS CENTERS & INSTITUTES			
Bell, Larry	Sigma Space - NASA/LBA	Sigma Space Corporation	\$45,043
Bell, Larry	Bioconversion of Fuels and Chemicals	UT-Battelle	\$75,800
Cole, Greg	IRNC: ProNet: GLORIAD	National Science Foundation	\$8,169
Hodge, Christopher	RCN: SERNEC: SouthEast Network of Expertise and Collections	Appalachian State University	\$12,000
Millhorn, David; Bruce, Barry; Zawodzinski, Tom; Sedrick, Greg	Tennessee Solar Conversion and Storage Using Outreach, Research and Education (TN-SCORE)	National Science Foundation	\$4,000,000
Moeller, Trevor Michael	Integration & Technical Support to the 12V Vertical Thrust Integration	AEDC/FMF	\$50,000
Ripp, Steven; DeBruyn, Jennifer	IDBR: The LuxArray Scanner: Surveying the Environment with Biomicroelectronic Cellular Reporter Arrays	National Science Foundation	\$129,999

RECOGNITIONS

Monica Black, professor of history, has been awarded this year's Fraenkel Prize in Contemporary History for her book "Death in Berlin." The prize is awarded annually by the Wiener Library in London, one of the world's leading and most extensive archives on the Holocaust and Nazi eras.

Steve Morse, director of the Tourism Institute in the Department of Retail, Hospitality and Tourism Management, has received a special Shining Example Award from the chairman of the Southeast Tourism Society in recognition of his outreach and service to the tourism industry.

Janice Musfeldt, professor of chemistry, was recently elected to the National User Committee of the National High Magnetic Field Laboratory.

Carol McCrehan Parker, associate dean for academic affairs in the College of Law, has been named the winner of the 2011 Thomas F. Blackwell Memorial Award for Outstanding Achievement in the Field of Legal Writing by the Association of Legal Writing Directors and the Legal Writing Institute.