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Office of Research, Awards & Recognition, December 22, 2010

University of Tennessee Office of Research

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Awards for November 27 - December 10, 2010

NOTES: Because of cross-program anomalies, orthographic details may be inconsistent and some titles may be truncated. This data set was not distributed in a printed format, therefore no printable PDF version is available.

COLLEGE OF ARTS & SCIENCES

Investigator	Title	Sponsor	Amount
Barnes, Craig	High Performance CO2 Scrubbing Based on Hollow Fiber-Supported Designer Ionic	UT-Battelle - ORNL	\$96,138
DeCorse, Elizabeth	Phase I Cultural Resources Survey for Loudon Utilities, Loudon County, Tennessee	Jordan, Jones Goulding	\$13,076
Dolislager, Fredrick; Gross, Louis	ETTP Zone 1 ROD Amendment Support for FY 2010 WR60 Revision 000	DOE - Bechtel Jacobs Company, LLC	\$18,000
Roberts, Daniel	The Role of Host Proteins in HC-Pro Suppression of Silencing	University of South Carolina	\$54,798
Sepaniak, Michael	Microcantilever Transducers: Hydrogen Detection	UT-Battelle - ORNL	\$26,850

COLLEGE OF BUSINESS ADMINISTRATION

Investigator	Title	Sponsor	Amount
Fox, William	THEC Progression Study	Tennessee Higher Education Commission	\$40,000

COLLEGE OF COMMUNICATION & INFORMATION

Investigator	Title	Sponsor	Amount
Suttles, Barbara	Support for the Genome Management Information System - UT-Battelle	UT-Battelle - ORNL	\$29,298
Suttles, Barbara	Genome Management Information System - Research Associate III	UT-Battelle - ORNL	\$20,000

COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES

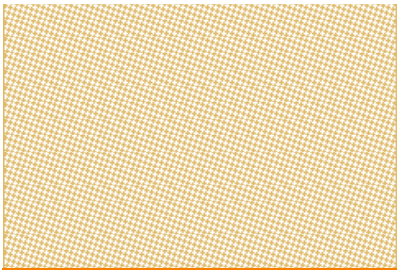
Investigator	Title	Sponsor	Amount
Ciancio, Dennis	Development of Integrated Text-Level Curricula for Kindergarten Through Second	U.S. Dept. of Education	\$447,542
Thompson, Dixie	Energy cost of walking in a second generation wellness shoe	Genesco Inc.	\$12,348
Zhang, Songning; Milner, Clare	Biomechanical evaluation of 2nd generation of a "wellness" shoe	Genesco Inc.	\$30,680

COLLEGE OF ENGINEERING

Investigator	Title	Sponsor	Amount
Clarke, David	Confidential	Confidential	\$14,489
Clarke, David	Support to Transportation Policy Analysis Research Program	UT-Battelle - ORNL	\$22,430
Dahotre, Narendra	Scalable and Flat Controls for Reliable Power Grid Operation with High Renewable Penetration	Stanford University GCEP	\$287,585
Everett, Jerry	Transportation Planning and Environment ID/IQ	U.S. Dept. of Transportation	\$25,000
Liaw, Peter	Differential Scanning Calorimetry Studies and Preparation of Papers, Posters	BWXT Y-12, LLC - ORNL	\$25,000
Liu, Yilu	ORNL GridEye Development	UT-Battelle - ORNL	\$141,750
Penumadu, Dayakar	Effect of Sea Environment on Sandwich Layups	DOD - Department of the Navy	\$35,000
Rack, Phillip	Molecular Scale Engineering and Nanoscale Technologies	UT-Battelle - ORNL	\$10,000
Ruggles, Arthur	HFIR Safety Analysis For LEU Fuel	UT-Battelle - ORNL	\$20,951
Sawhney, Rapinder	Resiliency of a Distributed Management System to Inside Threats	UT-Battelle - ORNL	\$55,000
Tolbert, Leon	Basic Circuit Cells to Reduce Stray Inductance in Power Electronics Packages	UT-Battelle - ORNL	\$1,000
Tolbert, Leon	Basic Circuit Cells to Reduce Stray Inductance in Power Electronics Packages	UT-Battelle - ORNL	\$35,000
Wang, Fei	Integrated Modular Motor Drive Power Electronics Packaging - Support UW Project	UT-Battelle - ORNL	\$19,000
Weber, William	Novel Engineering Refractory Materials for Advanced Reactor Applications	North Carolina State University	\$195,000
Wyatt, Tami	Usability of iCare - An Academic Electronic Health Record Clinical Simulation Tool	iCare Academic, LLC	\$1,669

CAMPUS CENTERS & INSTITUTES

Investigator	Title	Sponsor	Amount
DiClaudio, Melanie; Layton, Alice; Menn, Fu- Min	Analysis of Plastics for Potential Endocrine Disruptors	Eastman Chemical Co.	\$70,353
Greene, David; Dahlin- Brown, Nissa	Estimating the Costs and Benefits of Motor Vehicle Electrification in California	International Council on Clean Transportation	\$24,200
Johnson, Jacqueline Anne	Advanced High-Resolution Two-Dimensional X-Ray Detector for Mannography	NIH	\$341,553
Nichols, Jeffrey	Fabrication and Testing of Novel Sources of Entangled Photons	UT-Battelle - ORNL	\$2,998



Nichols, Jeffrey	F Wavelength-Division Multiplexed Quantum Communication Network	UT-Battelle - ORNL	\$2,475
Parker, John	Verification of Methods for Assessing the Sustainability of Monitored Natural Attenuation	Virginia Polytechnic Institute & State University	\$26,695