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Awards and Recognitions

Office of Research & Engagement

8-2013

Office of Research, Awards and Recognition, July 29-August 11, 2013

University of Tennessee Office of Research

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UTK Awards (7/29/13 - 8/11/13)

INVESTIGATOR	TITLE	SPONSOR
College of Arts and Sciences		
Bartmess, John	Abstraction and Evaluation of Thermochemical Data for Gas Phase Anions and Anion,	National Institute of Standards and Technology
Breinig, Marianne	UT Research Assistant - Accelerator Physics,	DOE - UT-Battelle - Oak Ridge National Laboratory
Chaffin, James	The Correspondence of James K. Polk,	National Historical Publications and Records Commission
Compton, Robert	Mass Spectrometric Studies of Biomolecules,	DOE - UT-Battelle - Oak Ridge National Laboratory
Dagotto, Elbio	Theoretical Studies of Model Hamiltonians,	DOE - UT-Battelle - Oak Ridge National Laboratory
Dolislager, Fredrick; Gross, Louis	Risk Integration Support for FY 2013 WR65, Rev 000,	DOE - URS CH2M Oak Ridge LLC (UCOR)
Feigerle, Charles	Functionalized Carbon Materials and Recovery of Uranium From Seawater - 2,	DOE - UT-Battelle - Oak Ridge National Laboratory
Feng, Xiaobing	Novel Discontinuous Galerkin Finite Element Methods for Second Order Fully Non,	NSF - National Science Foundation
McKay, Larry	Technical Support for Environmental Projects,	DOE - UT-Battelle - Oak Ridge National Laboratory
Mezzacappa, Anthony	Two- and Three-Dimensional First-Principles Simulations of Core Collapse Superno,	NASA - Headquarters Washington DC
Musfeldt, Janice	Spectroscopic Investigations of Complex Magnetic and Electronic Materials,	DOE - US Dept. of Energy
Redeker-Hepner, Tricia; Kim, Jaymelee	Doctoral Dissertation Research: Transitional Justice in a Canadian Colonial Con,	NSF - National Science Foundation
Washington-Allen, Robert	Can Chinese Tallow Distribution be reduced to certification levels within Greens,	Texas A&M University
Zinser, Erik; Wilhelm, Steven	Collaborative Research: Seasonal and Decadal Changes in Temperature Drive Prochl,	NSF - National Science Foundation
College of Business Administration		
Vossler, Christian; Mckee, Michael; Gilpatric, Scott	Experimental Research on Taxpayer Services,	Internal Revenue Service
College of Education, Health and Human Sciences		
Cypres, Autumn	TNLEAD Replication Grant, University of Tennessee Center for Educational Leaders,	Tennessee Department of Education
White, Connie	SPDG: Professional Development and Technology Support for TN Special Education,	Tennessee Department of Education
College of Engineering		
Braiman, Yehuda	High-Power Compact Blue-Green Pulsed Laser Source Based on Coherent Arrays of,	Office Of Naval Research
Clarke, David	Support to CTA Research Programs	DOE - UT-Battelle - Oak Ridge National Laboratory
Djouadi, Seddik	Stochastic Diffusion, Adaptive Estimation and Prediction Models for Wireless Net,	NSF - National Science Foundation
Dmowski, Wojciech	Structural Studies of Nanoporous Carbons by Neutron and X-ray Scattering,	DOE - UT-Battelle - Oak Ridge National Laboratory
Dongarra, Jack; Luszczek, Piotr; Kurzak, Jakub	Bench-testing Environment for Automated Software Tuning (BEAST),	NSF - National Science Foundation
Everett, Jerry	Teens and Trucks,	Tennessee Department of Safety
Frymier, Paul	Creating Exceptional PhDs in Sustainable Energy and Biomolecular Engineering Tea,	US Dept. of Education
Hall, Howard	Y-12/Baker Center Collaboration on Nuclear Security Studies,	DOE - BWXT Y-12
Han, Lee	Eisenhower Fellowship: Travel-Time/Speed Monitoring for MAP-21,	US Department of Transportation
Han, Lee	High Performance Traffic Simulation Tasks for Emergency Management,	DOE - UT-Battelle - Oak Ridge National Laboratory

Hu, Bin	Introducing Magneto-Optical Functions into Soft Materials,	National Dong Hwa University
Huang, Baoshan; Shu, Xiang	Computer Modeling and Simulation of Concrete Degradation under Sulfate and Chlor,	Hebei Institute of Construction and Geotechnical Investigation
Klasky, Scott	EAGER: High performance I/O methods and infrastructures for large-scale geoscient,	NSF - National Science Foundation
Liaw, Peter	Computational Design of Creep-Resistant Alloys and Experimental Validation in Fe,	DOE - US Dept. of Energy
Lukosi, Eric	High Spatial Resolution Cold and Thermal Neutron Imager,	NSF - National Science Foundation
Mandrus, David	Studies of Correlated Electron Materials	DOE - UT-Battelle - Oak Ridge National Laboratory
Parker, Lynne	Editor-in-Chief Duties for IEEE RAS Conference Editorial Board,	Institute of Electrical and Electronics Engineers, Incorporated
Pharr, George	Experimental Studies of Small-Scale Mechanical Behavior,	DOE - UT-Battelle - Oak Ridge National Laboratory
Rack, Philip	Center for Nanophase Materials Science (CNMS),	DOE - UT-Battelle - Oak Ridge National Laboratory
Reinbolt, Jeffrey	Furthering University of Tennessee Undergraduate Research Education (FUTURE) for,	DHHS - NIH - National Institute of Biomedical Imaging and Bioengineering
Tomsovic, Kevin	Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network,	Tennessee Valley Authority
Wirth, Brian	Modeling materials performance in extreme environments,	DOE - UT-Battelle - Oak Ridge National Laboratory
Zawodzinski, Thomas	Anion Exchange Membrane Development for Zinc-Air Batteries,	ZAF Energy Systems
Zawodzinski, Thomas; Papandrew, Alexander	Advanced Energy Storage Technologies: Novel Electrolyte Energy Storage Systems,	Stanford University GCEP
Zhang, Mingjun	Scalable Nanomanufacturing of Cyclic Peptide-based Nanorobots for In Vivo Sensin,	NSF - National Science Foundation
Zhang, Yanwen	Silver Behavior on SiC Surface,	DOE - UT-Battelle - Oak Ridge National Laboratory
Zhang, Zhili	EAGER: Plasmonics Resonance Enhanced Active Photothermal Effects of Metal Nanoen,	NSF - National Science Foundation

College of Social Work

Wodarski, John; Macmaster, Samuel	The Expanded Care Coordination through the Use of Health Information Technology,	Substance Abuse & Mental Health Sr
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Campus Centers and Institutes

Cole, Gregory	GLORIAD in Africa,	US Agency for International Development
Ezell, Timothy	Appalachian Teaching Project 2013-2014: Assessing the Potential Impact of Emergi,	East Tennessee State University
Halloy, Christian	Stahl Applied Data Science,	DOE - UT-Battelle - Oak Ridge National Laboratory
Halloy, Christian	Jewell Advanced Analytic Methods,	DOE - UT-Battelle - Oak Ridge National Laboratory
Norby, Richard	Spectral Characteristics of the Arctic Plant Community,	DOE - UT-Battelle - Oak Ridge National Laboratory
Norby, Richard	Productivity and Composition of the Sphagnum Community in a Minnesota Bag.,	DOE - UT-Battelle - Oak Ridge National Laboratory
You, Haihang	Technology Audit Services (TAS) for TeraGrid and XSEDE (XD) Subaward,	University at Buffalo

MultiCollege/Center

Bell, Sherry (EHHS); Duckett, Kermit (A&S)	Advanced Aerospace Education Workshop,	Tennessee Department of Transportation-Aeronautics Division
Benner, Susan (EHHS); Elston, Stuart (A&S)	Teach/Here,	NSF - National Science Foundation
Murray, Matthew (Baker Center); Cunningham, Vickie (Bus)	Economic Forecast for TN Valley Region(13-14),	Tennessee Valley Authority

AWARD
\$19,933
\$16,571
\$52,710
\$4,892
\$58,975
\$7,789
\$81,762
\$260,000
\$3,077
\$139,999
\$28,838
\$13,406
\$11,761
\$143,440
\$180,485
\$269,473
\$191,198
\$382,640
\$4,271
\$240,000
\$15,000
\$499,995
\$129,995
\$178,896
\$17,501
\$5,000
\$30,148

\$30,000
\$100,001
\$299,966
\$222,783
\$100,000
\$56,446
\$24,950
\$50,927
\$34,224
\$43,200
\$50,000
\$18,900
\$213,630
\$51,409
\$288,948
\$60,000
\$60,000
\$279,837
\$1,025,783
\$4,000
\$10,206
\$11,000
\$44,083
\$44,083
\$73,000
\$27,801
\$520,400
\$117,042