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Office of Research & Engagement

5-2013

Office of Research, Awards and Recognition, May 3-27, 2013

University of Tennessee Office of Research

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UTK Awards (May 3, 2013 - May 27, 2013)

INVESTIGATOR	TITLE	SPONSOR	AWARD
College of Arts and Sciences			
Cousineau, Marie-Helene	Laser Stripping for High Intensity Proton Beams	DOE - Office of Science	\$275,000
Cyr, Howard	Geoarchaeological In-Field Consultation at Thomas Jefferson's Poplar Forest. For	The Corporation for Jefferson's Poplar Forest	\$2,904
Decorse, Elizabeth	Archaeological Testing at the Sabine Hill State Historic Site, Elizabethton, Car	Tennessee Department of Environment and Conservation	\$40,000
Decorse, Elizabeth	Pigeon Forge Mapping and Unit, Pigeon Forge, Sevier County, TN	The Old Mill	\$2,907
Emery, Joshua	Accurate Insights On Multiple Asteroid Systems: Shape, Bulk Density and Formatio	SETI Institute	\$20,068
Grissino-Mayer, Henri	Collaborative Research: An International Professional-Development Workshop in De	NSF - National Science Foundation	\$9,067
Hulsey, Christopher; Clemmensen, Sharon	DISSERTATION RESEARCH: Phenotypic Plasticity and Evolution in the Pharyngeal Jaw	NSF - National Science Foundation	\$19,221
Kabalka, George	Synthesis of UV active blood flow agents	DOE - UT-Battelle - Oak Ridge National Laboratory	\$25,578
Kabalka, George	Organic Dyes - 900 nm Project	DOE - UT-Battelle - Oak Ridge National Laboratory	\$25,225
Kamyshkov, Yuri	FNAL Visiting Scholars Programs	University Research Assoc	\$10,000
Kelly, Nathan; Morgan, Jana	Money, Rhetoric, and the Public (Non)Response to Rising Inequality	Russell Sage Foundation	\$85,292
Mccracken, Gary; Gamba Rios, Melquisedec	Bats at Cocos Island(Costa Rica): Assessment and Monitoring Cocos Island, Costa	Sigma Xi	\$550
Musfeldt, Janice	Spectroscopic Investigations of Complex Magnetic and Electronic Materials	DOE - US Dept. of Energy	\$152,762
Prosser, Rebecca	Ethanol Effects on the Mammalian Circadian Clock	DHHS - Department of Health and Human Services	\$292,990
Prosser, Rebecca	Novel Pharmacology Studies on the Suprachiasmatic Nucleus	Orphagen Pharmaceuticals, Inc.	\$23,000
Spanier, Stefan	Elementary Particle Interactions with CMS at LHC	DOE - Office of Science	\$178,000
Van Riemsdijk, Francoise	Governance of International Labor Migration: Scalar Politics and Network Relatio	NSF - National Science Foundation	\$5,910
Zhao, Bin	Travel Support for an ACS PMSE Symposium Entitled "Hairy Particles: Theory, Synt	NSF - National Science Foundation	\$4,000
College of Business Administration			
Neilson, William	Show of Smarts: Audience Effects and Revealed Preferences for Perceived Intelle	Russell Sage Foundation	\$2,400
College of Communication and Information			
Allard, Suzanne; Legg, James	Popular Science Writing Workshop Design for Tubitak-Turkey	TUBITAK BTDB	\$13,667
Suttles, Barbara	Genome Management Information System/Communications and Management Expert	DOE - UT-Battelle - Oak Ridge National Laboratory	\$4,437

Tenopir, Carol; Suttles, Barbara	CCI Student Support to B&W Y-12	DOE - BWXT Y-12	\$12,170
College of Education, Health and Human Sciences			
Fairhurst, Ann; Antun, John	Culinary Training for Pellissippi State Community College - Associate Degree Pro	Pellissippi State Community College	\$461,700
Kronick, Robert	University-Assisted Community School Project	Catholic Charities, USA	\$70,000
Zhang, Songning	Biomechanical evaluations of a pressure off-loading boot	DeRoyal Industries, Inc.	\$6,743
College of Engineering			
Alshibli, Khalid	3D Assessment of Particle Morphology and its Influence on Friction, Dilatancy, a	NSF - National Science Foundation	\$10,000
Berry, Michael	Predicting Contagious Disease Outbreaks with Social Media	University of Tennessee - Health Science Center	\$16,537
Boder, Eric	Understanding and Controlling Viral Membrane Fusion Proteins	NSF - National Science Foundation	\$320,000
Boulet, Joseph	Y-12 Sponsored Senior Design Project	DOE - BWXT Y-12	\$10,000
Duscher, Gerd	Atomic-scale Investigation of Energy Materials	DOE - UT-Battelle - Oak Ridge National Laboratory	\$19,337
Edwards, Brian; Dalhaimer, Paul; Wu, Jie; Rawn, Claudia; Griffin, Travis	Scholarships for Engineering Students from Underrepresented Groups in the East Tennessee Region	NSF - National Science Foundation	\$606,800
Fathy, Aly	Simulation and measurements of Neutron Source	DOE - UT-Battelle - Oak Ridge National Laboratory	\$47,173
Frankel, Jay; Keyhani, Majid	A Novel Calibration Method for Estimating Transient Surface Heat Flux under Hype	Air Force Research Laboratory	\$12,000
Fu, Joshua	Energy, Economic and Climate Project	DOE - UT-Battelle - Oak Ridge National Laboratory	\$32,944
Gregor, Jens	Preclinical Diagnostic Imaging of Amyloid	University of Tennessee - Health Science Center	\$47,022
Islam, Syed	Tracking the Health of Soldiers with Advanced Implantable Nano-Sensors	University of Connecticut	\$25,000
Meek, Thomas	Fabrication of uranium-oxide-based detectors	NSTec-Los Alamos Operations	\$6,000
Pharr, George	Structure and Properties of High Entropy Alloys	DOE - UT-Battelle - Oak Ridge National Laboratory	\$52,894
Rawn, Claudia; Barashev, Alexander	Computational Materials Science Investigation of the Effects of Nuclear Irradiat	DOE - UT-Battelle - Oak Ridge National Laboratory	\$26,606
Rawn, Claudia; Mchargue, Carl; Meisner, Roberta	Materials Characterization	DOE - UT-Battelle - Oak Ridge National Laboratory	\$62,154
Sawhney, Rapinder	Pu-238 Oxide Manufacturing	DOE - UT-Battelle - Oak Ridge National Laboratory	\$148,602
Sun, Kai	Optimal Dynamic VAR Management Involving Renewables against Voltage Security Iss	DOE - UT-Battelle - Oak Ridge National Laboratory	\$32,607
Tomsovic, Kevin	EMS for Microgrid	DOE - UT-Battelle - Oak Ridge National Laboratory	\$32,079
Zhang, Yanwen	Radiation Effects in Fuel Materials	DOE - UT-Battelle - Oak Ridge National Laboratory	\$71,297
College of Social Work			
Campbell, Paul	CSSEP Knox 6th District FY13	Tennessee Department of Human Services	\$454,200

Glisson, Charles; Hemmelgarn, Anthony; Green, Philip; Dukes, Denzel; Cheatham, Joanna	Testing an Organizational Implementation Strategy in Children's Mental Health	DHHS - NIH - National Institute of Mental Health	\$512,255
Campus Centers and Institutes			
Gangaware, Timothy	Phase II development of the Harrell Road Stormwater Demonstration Park	Knox County	\$7,000
Halloy, Christian	Galindo Generalized UQ Framework	DOE - UT-Battelle - Oak Ridge National Laboratory	\$8,795
Halloy, Christian	Stony Brook - Robert Harrison UT Contract	The Research Foundation of State University of New York	\$156,818
Halloy, Christian; Harrison, Robert	Stahl Advanced Analytic Methods	DOE - UT-Battelle - Oak Ridge National Laboratory	\$11,233
Hatcher, Robert	Detailed Geologic Mapping of Quaternary French Broad River Terraces, Eastern Ten	US Dept. of Interior - US Geological Survey	\$8,217
Johnson, Jacqueline Anne	Study of the Evolution of Nanoparticle Crystallization and Optical Properties in Glass Ceramics	National Science Foundation	\$3,938
Peterson, Gregory	Blue Waters Petascale Project Subcontract Year 1	University of Illinois at Urbana-Champaign	\$708,477
Riedinger, Leo	Bredesen Center 2013 Summer Interns	DOE - UT-Battelle - Oak Ridge National Laboratory	\$104,745
Sayler, Gary	BioEnergy Science Center, University of Tennessee, Phase II	DOE - UT-Battelle - Oak Ridge National Laboratory	\$387,193
Tsai, Peter; Wyrick, Jack; Woods, Clifton	Investigation Based on an Existing Meltblowing Process to Achieve High- Efficiency	Aff International	\$75,000
Other			
Stewart, Joseph	Air Force Acquisition Improvement Support (FA7014-10-R-0008) - IDIQ	DOD - Department of the Air Force	\$278,109
MultiCollege/Center			
Hayward, Jason (Engr); Zhao, Xiaopeng(Engr); Wise, Steven(A&S)	Graduate student work in nuclear materials detection and characterization - 1	DOE - UT-Battelle - Oak Ridge National Laboratory	\$10,000
Mays, Jimmy(A&S); Bhat, Gajanan(Engr)	Improved Carbon Nanotube Fibers through Crosslinking and Densification	Vanderbilt University	\$225,000
Yerka, Stephen(A&S); Mchargue, Carl(Engr)	Information Technology Services to Assist in the Design of the Integrated Cultur	Tennessee Valley Authority	\$14,130

