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AWARDS AND RECOGNITIONS

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JANUARY 2, 2013

AWARDS FOR DECEMBER 3–18, 2012

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Allison, David	Destroying Pathogenic Bacteria Using Targeted-Nanoparticles	DOE - UT-Battelle - ORNL	\$22,846
Bruce, B.; Millhorn, D.; Hopkins, J.; Zawodzinski, T.	EPSCoR: Tennessee Solar Conversion and Storage Using Outreach, Research and Education	National Science Foundation	\$5,513,898
Cervone, Thomas; Alley, David; MacLean, Calvin	A Raisin in the Sun	Tennessee Arts Commission	\$4,550
Cyr, Howard	Additional Geoarchaeological Field Consultation for the Lake Craig Flood Reduction	TRC, Incorporated	\$1,736
Del Caro, Adrian; Kaplan, Gregory	Spanish Translation Services at ORNL	DOE - UT-Battelle - ORNL	\$12,778
Feigerle, Charles	High Performance CO ₂ Scrubbing Based on Hollow Fiber-Supported Designer Ionic	DOE - UT-Battelle - ORNL	\$24,909
Mannik, Jaana	Potential Links Between the Content of Lipid Droplets in Term Placenta	Physician's Medical Education and Research Foundation	\$7,500
Moersch, Jeffrey	ASU Subcontract: Spectral Mapping and Thermophysical Characterization of the Martian Surface	Arizona State University	\$28,000
O'Neill, Hugh	Bio-SANS and Bio-Deuteration Laboratory Research Support - Research Associate	DOE - UT-Battelle - ORNL	\$20,291
Petersen, Ronald; Hughes, Karen; O'Meara, Brian	Historical Naming Traditions and Cryptic Speciation Bias Biodiversity Estimates	National Science Foundation	\$145,852
Sokolov, Alexei	Dynamics of Proteins and Hydration Water: Neutron Scattering Studies	DOE - UT-Battelle - ORNL	\$79,944
COLLEGE OF BUSINESS ADMINISTRATION			
Fox, William	Economic Impact Analysis of the Volkswagen Assembly Plant for the Chattanooga Chamber of Commerce	Chattanooga Chamber of Commerce	\$20,049
Nagle, Nicholas	NCRN-SN: SSCRN: Spatial Sciences Census Research Node	University Of Colorado	\$56,531
COLLEGE OF COMMUNICATION & INFORMATION			
Suttles, Barbara	Genome Management Information System/Communications and Management Expert	DOE - UT-Battelle - ORNL	\$47,579
COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES			
Erwin, Paul; Hamilton, Charles	Public Health Training Center	East Tennessee State University	\$40,000
Kolvitz, Marcia	Postsecondary Education Center for Individuals Who are Deaf	California State University Northridge	\$238,823
Kronick, Robert	Pond Gap After School Meal Program	Tennessee Department of Human Services	\$75,000
COLLEGE OF ENGINEERING			
Cate, Matthew	Observational Survey - Safety Belts	Tennessee Department of Transportation - Governor's Highway Safety Office	\$62,842
Clarke, David	DOE/EPA Fuel Economy Information	DOE - UT-Battelle - ORNL	\$38,867
Clarke, David	DOE/EPA Fuel Economy Information Site	DOE - UT-Battelle - ORNL	\$80,484
Clarke, David	Fuel Economy Program & Clean Cities Activities	DOE - UT-Battelle - ORNL	\$42,654
Clarke, David	Fuel Economy Web Site	DOE - UT-Battelle - ORNL	\$63,693
Djouadi, Seddik	Analyzing Streaming and At-rest "Big Data" with Applications to Energy Security	DOE - UT-Battelle - ORNL	\$22,658
Dunne, William	Global Security Directorate Initiatives and Research	DOE - UT-Battelle - ORNL	\$10,000
Dunne, W.; Counce, R.; Dhingra, R.; Grossbeck, M.; Irick, D.; Miller, W.	Senior Design Projects 2012	Electric Power Research Institute	\$25,000
Fathy, Aly	Tampering Detection Devices by Using Conductive Fabrics	DOE - UT-Battelle - ORNL	\$22,552
Frankel, Jay; Keyhani, Majid	A Novel Calibration Method for Estimating Transient Surface Heat Flux	Air Force Research Laboratory	\$374,181
Han, Lee	Transportation Security and Energy Efficiency Research Support	DOE - UT-Battelle - ORNL	\$11,350
He, Qiang	Denitrification Performance of Two Paracoccus Strains	Novozymes	\$29,005
Heilbronn, Lawrence	Optimization and Modeling of Production of ⁶³ Ni via Neutron Capture	DOE - UT-Battelle - ORNL	\$5,307
Hu, Bin	Electromagnetic Responses and Thermoelectric Devices	UES, Inc.	\$30,000
Irick, David	ITER Magnet Systems Development	DOE - UT-Battelle - ORNL	\$77,186
Irick, David	ITER Magnet Systems Development	DOE - UT-Battelle - ORNL	\$161,746

AWARDS FOR DECEMBER 3–18, 2012 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Kihm, Kenneth	Confidential	Confidential	\$242,405
Lyne, James	Nanosat Launch Vehicle Engine Design Studies	NASA - Marshall Space Flight Center	\$11,145
Maldonado, Guillermo	Verification of the CENTRM Module for High Temperature Gas-cooled Reactor	University of Arizona	\$54,973
McHargue, Carl; Rawn, Claudia	Computational Modeling for Radiation Effects	DOE - UT-Battelle - ORNL	\$35,259
Paul, Nathanael	Towards Trustworthy Insulin Pump Systems and Artificial Pancreases	University of Washington	\$66,076
Pevey, Ronald	Implementation and Validation of MCNP Multigroup Adjoint Analysis Capability	BWXT Y-12, LLC	\$21,000
Rack, Philip	Center for Nanophase Materials Science (CNMS)	DOE - UT-Battelle - ORNL	\$24,540
Ruggles, Arthur	HFIR LEU Flow Blockage Consequence Assessment Updates	DOE - UT-Battelle - ORNL	\$14,007
Ruggles, Arthur	HFIR LEU Flow Blockage Consequence Assessment Updates	DOE - UT-Battelle - ORNL	\$50,225
Sawhney, Rapinder	Fully-virtualized Computational Energy Infrastructure Model for Improved Cyber	DOE - UT-Battelle - ORNL	\$100,000
Sawhney, Rapinder	A Partnership Between the University of Tennessee & Jiangnan University, China	Jiangnan University, China	\$11,600
Tolbert, Leon	Power Electronics Evaluation for DER and T & D	DOE - UT-Battelle - ORNL	\$16,793
Wang, Fei	Phase III Revision - High-Density Integrated AC-fed Motor Controller	Boeing	\$89,000
Wirth, Brian	Modeling Fission Product Retention and Thermal-mechanical Response of TRISO-based	DOE - UT-Battelle - ORNL	\$55,325
Wirth, Brian	Modeling Segregation and Phase Stability in Austenitic Steels in Light Water	DOE - UT-Battelle - ORNL	\$125,000
Zhang, Yanwen	Microstructure Characterization in Ceramic- and Metallic-based Materials	DOE - UT-Battelle - ORNL	\$30,943
COLLEGE OF NURSING			
Wyatt, Tami	Incorporating DocuCare Across Nursing Curricula	Lippincott, Williams & Wilkins	\$10,000
COLLEGE OF SOCIAL WORK			
Campbell, Paul; Cunningham, Maryanne	Evaluation of Douglas-Cherokee Teen Pregnancy Prevention Program- Year Two	Douglas Cherokee Economic Authority	\$12,000
Patterson, David	VOA SSVF Evaluation	Volunteers of America - TN Homeless Veterans Reintegration	\$7,956
CAMPUS CENTERS & INSTITUTES			
Egami, Takeshi	Physics of Metallic Glasses	DOE - UT-Battelle - ORNL	\$36,497
Halloy, Christian	Jewell Health Care Informatics	DOE - UT-Battelle - ORNL	\$59,962
Halloy, Christian	Soft Hybrid Materials Goswami	DOE - UT-Battelle - ORNL	\$70,473
McKay, Larry	Technical Support for Environmental Projects	DOE - UT-Battelle - ORNL	\$18,318

RECOGNITIONS

Shelley Binder, associate professor of music, was recently named chair of the finance committee for the National Flute Association.

Doug Blaze, dean of the College of Law, has received the 2012 Deborah Rhode Award from the American Association of Law Schools. The award honors a dean or faculty member who has dedicated significant efforts to increasing access to justice through the law school environment while inspiring similar efforts from others.

Ham Bozdogan, professor of statistics, operations, and management science, has been named to the advisory board of *Türkiye Klinikleri Journal of Medical Sciences*.

Ralph Brockett, professor of educational psychology and counseling, is one of two recipients of the Imogene Okes award from the American Association for Adult and Continuing Education. Brockett and Susan L. Stockdale, an associate dean at Kennesaw State University, received the award for their research paper "Development of the PRO-SDLS: A Measure of Self-Direction in Learning Based on the Personal Responsibility Orientation Model, which was published in *Adult Education Quarterly* in 2011.

Tony Mezzacappa, professor of physics, has been named director of the Joint Institute for Computational Sciences. In addition to his work at UT, Mezzacappa directed the Terascale Supernova Initiative at Oak Ridge National Laboratory.

Claudia Rawn, assistant professor in materials science and engineering, and **Jeffrey Reinbolt**, assistant professor of mechanical, aerospace, and biomedical engineering, attended the Frontiers of Engineering Education Symposium at the National Academies' Beckman Center in California.

Two UT musicians have been recognized widely for a new Christmas album from the Knoxville Jazz Orchestra. **Vance Thompson**, lecturer in studio music and jazz, and **Gregory Tardy**, assistant professor of music, received special mention on National Public Radio for the orchestra's album, "Christmas Time Is Here." Thompson, the founding director of the group, is the arranger and trumpeter, and Tardy is an alto saxophonist on the album.

We want to know what makes you proud!

We are looking for your good news. Please share with us information about honors and awards, fellowships and offices, and other significant recognition that you have received recently. Please submit your items to Bill Dockery at dockeryb@utk.edu and we'll spread the word.