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Awards and Recognitions

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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FEBRUARY 27, 2013

AWARDS FOR FEBRUARY 4–18, 2013

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Bingham, Carrol	Matching Funds - UT/ORNL Joint Institute	DOE - UT-Battelle - ORNL	\$236,098
Hollenbach, Kandace	Archaeological Subsistence Analysis, WR Oxford Project, Calhoun County, Alabama	Spectrum Environmental Services, Inc.	\$39,761
Jenkins, David	CAREER: Synthesis of Macrocyclic Carbene Complexes for Catalytic Aziridination	National Science Foundation	\$650,000
Macek, Joseph	Theory of Fragmentation and Rearrangement Process in Ion-Atom Collisions	DOE - US Dept. of Energy	\$125,000
Mays, Jimmy; Durairaj, Baskaran	Synthesis of Novel Hydrocarbon Soluble Multifunctional Anionic Initiators	DOD - Department of Defense	\$40,000
McKay, Larry	Technical Support for Environmental Projects	DOE - UT-Battelle - ORNL	\$21,833
McSween, Harry	Participation in DAWN Science Team	Regents of the University of California, Los Angeles	\$26,000
Nazarewicz, Witold; Papenbrock, Thomas	Theoretical Nuclear Structure	DOE - US Dept. of Energy	\$255,000
Small, Pamela	Stop Buruli	UBS Optimus Foundation	\$330,135
Sokolov, Alexei	Theoretical Studies of Decoupling Phenomena in Dynamics of Soft Materials	DOE - UT-Battelle - ORNL	\$16,190
Vonarnim, Albrecht	Proteomic Characterization	DOE - UT-Battelle - ORNL	\$2,395
Yerka, Stephen	Geophysical Survey Within Pigeon Forge Cemetery, Sevier County, Tennessee	Pigeon Forge Cemetery Association	\$2,297
Yerka, Stephen	Geophysical Survey at the Hollister House Property, Stewart County, Tennessee	TRC, Incorporated	\$12,271
COLLEGE OF BUSINESS ADMINISTRATION			
Moore, John	Construction Industry Information and Construction Inspections - OSHA	US Dept. of Labor	\$66,160
COLLEGE OF COMMUNICATION AND INFORMATION			
Suttles, Barbara	Support for Biological and Environmental Research Information System (BERIS)	DOE - UT-Battelle - ORNL	\$62,860
COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES			
Mulligan, Geraldine	Professional Development for TN Adult Education	Tennessee Department of Labor and Workforce Development	\$97,200
COLLEGE OF ENGINEERING			
Blalock, Benjamin	Development of Silicon-on-insulator (SOI) Components for Isolation and Gate	DOE - UT-Battelle - ORNL	\$40,000
Bosilca, George	Open MPI Generic Transport Research	DOE - Sandia National Lab	\$50,000
Clarke, David	Database Applications	DOE - UT-Battelle - ORNL	\$10,266
Cox, Chris	Administrative Support for East Tennessee Clean Fuels Coalition - 2012	East Tennessee Clean Fuels Coalition	\$37,761
Cox, Chris	Laboratory Energy Research and Development Working Group (LERDWG)	DOE - Brookhaven National Laboratory	\$2,500
Cox, Chris	Laboratory Energy Research and Development Working Group (LERDWG)	DOE - ORNL	\$2,500
Cox, Chris	Laboratory Energy Research and Development Working Group (LERDWG)	DOE - Sandia National Lab	\$2,500
Ekici, Kivanc	Computational Fluid Dynamics Modeling and Analysis of High-Heat Flux	DOE - UT-Battelle - ORNL	\$30,002
Gao, Yanfei	Strain-Induced Ordering, Assembly, and Defects in Nanoscale Thin-Film	National Science Foundation	\$268,000
Heilbronn, Lawrence	Isotope Production at Accelerator and Reactor Facilities	DOE - UT-Battelle - ORNL	\$13,325
Heilbronn, Lawrence; Townsend, Lawrence	Modeling Detector Response for Use with NASA's New Q Values	Colorado State University	\$110,000
Hu, Bin	Exploring Novel Spintronic Responses from Advanced Functional Organic Materials	DOD - Air Force Office Scientific Research	\$25,000
Irick, David	ITER Magnet Systems Development	DOE - UT-Battelle - ORNL	\$54,473
Keffer, David	Lignin-based High Performance Li-Ion Anode Materials Synthesized from Low-Cost	Oak Ridge Associated Universities	\$25,000
Komistek, Richard; Sharma, Adrija	Determination of Theoretical In Vivo Kinematics of Newly Designed TKA	DePuy Products Incorporated	\$80,125
Liu, Yilu	PSRC Industry Consortium	Rensselaer Polytechnic Institute	\$12,500

AWARDS FOR FEBRUARY 4–18, 2013 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
McHargue, Carl; Rawn, Claudia	Membership Agreement	Welding Research	\$50,000
McHargue, Carl; Rawn, Claudia	CMP Membership	Materials Properties Council, Inc.	\$50,000
Rack, Philip	Center for Nanophase Materials Science (CNMS)	DOE - UT-Battelle - ORNL	\$29,482
Rawn, Claudia	Maintaining and Teaching Operations of Inorganic Membrane Fabrication	DOE - UT-Battelle - ORNL	\$33,264
Ruggles, Arthur	HFIR Target Assessments	DOE - UT-Battelle - ORNL	\$17,000
Sharma, Adrija; Komistek, Richard; Hamel, William	In Vivo Comparison of Kinematics for Patients Implanted with Either a Stryker	Stryker Orthopaedics	\$271,924
Sickafus, K.; Weber, W.; Zhang, Y.; Wirth, B.; Miller, L.	Advanced Accident-Tolerant Ceramic Coatings for Zr-alloy Cladding: The C ³ Project	Battelle Energy Alliance, LLC	\$3,510,000
Wirth, Brian; Xu, Donghua	Investigating the Behavior of Radiation Tolerant Nanoscale Interfaces	Pacific Northwest Laboratory	\$15,804
Zhang, Yanwen	Microstructure Characterization in Ceramic- and Metallic-based Materials	DOE - UT-Battelle - ORNL	\$53,708
Zhang, Zhili	In-situ Chemical Reaction Imaging in Combustion	Spectral Energies, LLC	\$100,000
CAMPUS CENTERS & INSTITUTES			
Halloy, Christian	Develop 3-D Diffusion/Evolution Equations	DOE - UT-Battelle - ORNL	\$56,418
Halloy, Christian	Multiple Scattering Approaches to the Non-Collinear Magnetic Structure in Fe Based Alloys	DOE - UT-Battelle - ORNL	\$21,350
Halloy, Christian	Fluids in Nanoporous Matrices	DOE - UT-Battelle - ORNL	\$72,500
Halloy, Christian	Galindo Generalized UQ Framework	DOE - UT-Battelle - ORNL	\$26,384
OTHER			
Riedinger, Leo; Datskos, Panagiotis	MEMS Retroreflector Structures	DOE - UT-Battelle - ORNL	\$82,888
MULTICOLLEGE/CENTER			
Gao, Yanfei (Engineering); Zhu, Wenguang (A&S)	Structural Phase Transformation in Polymorphic Nanostructures	Washington State University	\$115,440
Guidry, Michael (A&S); Banks, David (Engineering); Meaney, Evan (A&S)	Virtual Training Demonstration Project	BWXT Y-12, LLC	\$50,000

RECOGNITIONS

Melanie Eldridge, research assistant professor of microbiology, has been named a Fulbright Scholar and will do research in Brazil in fall 2013 on the ecotoxicology of zebrafish and will help establish a molecular biology laboratory at the University of Campinas in Limeira.

Scott Frey, professor of sociology, has been named a Fulbright Scholar for fall 2013 and will study the consequences of pesticide use on export-focused rice production in Vietnam. He will also lecture on environment and development at the Vietnam National University of Social Sciences and Humanities in Ho Chi Minh City.

Rebecca Klenk, lecturer in Interdisciplinary Programs, has been named a Fulbright Scholar for spring 2014 and will lecture and work with graduate students in the anthropology department at the University of Delhi. She will work on global educational restructuring and develop a project of community experiences with Himalayan climate change.

NOTE: With this issue of *Awards & Recognitions*, a category has been added to report awards that cross college boundaries. The "MultiCollege/Center" category will list awards with significant contributions from investigators in more than one college and/or center. The contributing organizations will be listed parenthetically following the names of individual investigators.