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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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SEPTEMBER 19, 2012

AWARDS FOR AUGUST 24–SEPTEMBER 9, 2012

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Bartmess, John	Abstraction and Evaluation of Thermochemical Data for Gas Phase Anions	National Institute of Standards and Technology	\$19,933
Bhaduri, Budhendra	UT-ORNL-CSED Population Research	DOE - UT-Battelle - ORNL	\$45,340
Bhaduri, Budhendra	UT-ORNL-CSED Population Research	DOE - UT-Battelle - ORNL	\$45,340
Bray, L.; Gangaware, T.; Harden, C.; Tran, L.	Development of Water Quality Model for Regional Loadings	US Department of Interior - US Geological Survey	\$114,473
Feigerle, Charles	SNS 2008 Foils Project	DOE - UT-Battelle - ORNL	\$37,566
Feller, D.; Alexander, E.; Coens, T.; Moss, L.	The Papers of Andrew Jackson: A Documentary Edition	National Endowment for the Humanities	\$300,000
Guidry, Michael	Integrated Computational Environment for Nuclear Energy Modeling and Simulation	DOE - UT-Battelle - ORNL	\$4,248
Guidry, Michael	Integrated Computational Environment for Nuclear Energy and Quantum Information	DOE - UT-Battelle - ORNL	\$4,924
Larese, John	Pulsed Neutron Imaging and Diffraction Study of CdZnTe Materials	DOE - National Nuclear Security Administration	\$749,512
Li, Yingkui; Horn, Sally	Establishing a Chronology of Late Quaternary Glacial Advances	National Science Foundation	\$200,000
Mays, Jimmy; Fisher, Joy; Miller, Alex	PFI-BIC: Superelastomers: New Thermoplastic Elastomers Based on Multigraft Copolymers	National Science Foundation	\$599,999
Moore, Todd	Practicum Experience Clinical Psychology	Knoxville Family Justice Center	\$8,500
Reynolds, Gregory	Infant Visual Attention: Neural Mechanisms and Individual Differences	National Science Foundation	\$259,240
Sokolov, Alexei	Conductivity in Ionic Liquids: Decoupling of Ions Diffusion	National Science Foundation	\$243,210
Wilhelm, Steven	Dimensions: Collaborative Research: Anthropogenic Nutrient Input Drives Genetic	National Science Foundation	\$563,036
COLLEGE OF BUSINESS ADMINISTRATION			
Moore, John	Provide Services Supportive of the Wage and Hour Division of the Employment Standards Adm.	US Department of Labor	\$913,487
COLLEGE OF COMMUNICATION & INFORMATION			
Allard, Suzanne; Tenopir, Carol	UIUC IMLS Proposal Subcontract	University of Illinois at Urbana-Champaign	\$149,575
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Benner, Susan	K.A.R.S.T. Hub	Knox County Schools	\$50,300
Haughton, Betsy; Spence, Marsha	Public Health Nutrition Leadership Education and Training for a Healthy MCH Population	DHHS - Health Resources and Services Administration	\$22,000
COLLEGE OF ENGINEERING			
Clarke, David	Support to CTA Research Programs	DOE - UT-Battelle - ORNL	\$21,866
Dongarra, Jack	PaRSEC: Parallel Runtime Scheduling and Execution Control	National Science Foundation	\$196,980
Fathy, Aly	Tampering Detection Devices by Using Conductive Fabrics	DOE - UT-Battelle - ORNL	\$15,039
Gao, Yanfei	Fundamental Studies of Metallic Glasses and Their Composites	DOE - UT-Battelle - ORNL	\$4,000
Gregor, Jens	Neutron Imaging Software	DOE - UT-Battelle - ORNL	\$15,568
Hall, Howard	Technical Support for Evaluating Technologies for Sample Collection & Personnel	DOE - UT-Battelle - ORNL	\$16,489
Han, Lee	Transportation Security and Energy Efficiency Research Support	DOE - UT-Battelle - ORNL	\$10,806
Han, Lee	Transportation Security and Energy Efficiency Research Support	DOE - UT-Battelle - ORNL	\$22,700
Heilbronn, Lawrence	Isotope Production at Accelerator and Reactor Facilities	DOE - UT-Battelle - ORNL	\$40,000
Hu, Bin	Workshop on Next-Generation High-Efficiency Organic Solar Cells	National Science Foundation	\$49,999
Irick, David	ITER Magnet Systems Development	DOE - UT-Battelle - ORNL	\$10,680
Irick, David	Legacy Engine Project Task Order 24	National Transportation Research Center	\$4,993
Komistek, Richard; Mahfouz, Mohamed	In Vivo Analysis of Rigid Body Sound Mechanics	Joint Vue	\$150,000
Langston, Michael	A System Genetic Approach to Low-Dose Radiation	UT Institute of Agriculture - AgResearch	\$36,162
Langston, Michael	A System Genetic Approach to Low-Dose Radiation	UT Institute of Agriculture - AgResearch	\$59,500
Mandrus, David	Crystal Growth and Neutron Scattering	DOE - UT-Battelle - ORNL	\$77,931
Qi, H.; Cao, Q.; Liu, Y.; Tolbert, L.	CPS: Synergy: Achieving High-Resolution Situational Awareness in Ultra-Wide-Area	National Science Foundation	\$1,000,000
Rack, Philip	Collaborative Research: Experimental and Computational Study	National Science Foundation	\$48,500

AWARDS FOR AUGUST 24–SEPTEMBER 9, 2012 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Rawn, Claudia; Barabash, Oleg	Neutron Optics and Crystals	DOE - UT-Battelle - ORNL	\$12,000
Rawn, Claudia; McHargue, Carl; Meisner, Roberta	Materials Characterization	DOE - UT-Battelle - ORNL	\$59,862
Sawhney, Rapinder	Fully-virtualized Computational Energy Infrastructure Model for Improved Cyber	DOE - UT-Battelle - ORNL	\$9,685
Tolbert, Leon	Providing Ancillary Services from Residential Loads	DOE - UT-Battelle - ORNL	\$28,000
Townsend, Lawrence	Additional Improvements to the HZETRN Code and the NUCFRG2 Database	NASA - Langley Research Center	\$5,000
Zawodzinski, T.; Foister, S.; Mench, M.; Paddison, S.; Papandrew, A.	Research Support for Naval Energy Needs	Office Of Naval Research	\$500,000
CAMPUS CENTERS & INSTITUTES			
Cole, Gregory	Global Ring Network for Advanced Applications Development (GLORIAD)	National Science Foundation	\$45,000
Halloy, Christian	Petascale and Exascale Class of Platforms	DOE - UT-Battelle - ORNL	\$116,933
Halloy, Christian	Garrett Partial Differential Equations	DOE - UT-Battelle - ORNL	\$14,833
Harrison, Robert	Fluids in Nanoporous Matrices	DOE - UT-Battelle - ORNL	\$37,541
Harrison, Robert	Spatio-Temporal Signal Processing	DOE - UT-Battelle - ORNL	\$1,189
Harrison, Robert	Thornton SciDAC NUCLEI Project	DOE - UT-Battelle - ORNL	\$82,018
Harrison, Robert	Collaborative Research: A Scientific Software Innovation Institute	National Science Foundation	\$130,000

WANTED!

Faculty Nominations for Scholar of the Week

The Scholar of the Week is a service of the UTK Office of Research. Through this award we recognize the recent important research, scholarship, and creative accomplishment of our faculty members and students.



Faculty can be recognized for publication of original research in rigorously refereed major journals, a major exhibit or performance in a national or international venue, a record of national grant or fellowship support awarded through peer review, national or international prizes or awards, invitations to hold endowed lectureships, and invited lectureships, particularly at major scholarly meetings.

Students who are recognized by peers as independent and original researchers can be nominated for publication of original research in refereed journals, a major exhibit or performance at a national or international venue, a record of national fellowship support, national or international prizes or awards, or other significant scholarly achievements recommended by a faculty mentor.

Instructions for submitting nominations can be found online at <http://quest.utk.edu/scholar-of-the-week>

RECOGNITIONS

Oxford University Press has published *Multifunctional Oxide Heterostructures*, co-edited by **Elbio Dagatto**, professor of physics. Dagatto was also a contributor to the volume.

Ben Feldman, assistant professor of sociology, is the coauthor of an article recognized by the board of the American Society of Criminology as one of two outstanding articles for 2012. The article is "Scope and Conceptual Issues in Testing the Race-Crime Invariance Thesis: Black, White, and Hispanic Comparisons."

A paper coauthored by **Terry Hazen**, professor of civil and environmental engineering, is featured on the cover of the September issue of *Environmental Microbiology*. The article is "Deep-sea bacteria enriched by oil and dispersant from the Deepwater Horizon spill."

Nancy Henry, professor of English, has a new biography out on George Eliot. *The Life of George Eliot: A Critical Biography* was published by Wiley-Blackwell.

Jeffrey Moersch, associate professor, and **Harry "Hap" McSween**, professor, are part of the NASA mission team that has received the Haley Space Flight Award at a recent conference of the American Institute of Aeronautics and Astronautics. The award goes to astronauts or flight test personnel who make outstanding contributions to the art, science or technology of astronautics. Both are in the Department of Earth and Planetary Sciences.

Cynthia Peterson, professor of biochemistry and cellular & molecular biology, has been named one of 40 Vision and Change Leadership Fellows by the Partnership for Undergraduate Life Sciences Education. The program is a joint initiative of the National Science Foundation, the Howard Hughes Medical Institute, and the National Institutes of Health. Peterson is interim associate dean of the College of Arts and Sciences.

Nate Williams, a PhD student in the College of Social Work, has received an F31 research fellowship from the National Institute of Mental Health. Williams' project is "Understanding the Impact of Organizational Implementation Strategies on Evidence-based Treatment Use."

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.