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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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AUGUST 15, 2012

AWARDS FOR JULY 18–AUGUST 8, 2012

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Anderson, David; Yerka, Stephen	Collaborative Research: Developing the Cyberinfrastructure for a National Archaeological Site Database	National Science Foundation	\$141,829
Armstrong, Paul; Hayes, Daniel	CNH-Ex: The Influence of the Size of Protected Areas on Their Ecological	National Science Foundation	\$249,964
Becker, Jeffrey; Podar, Mircea	Microbiota and its Role in Health and Disease	DOE - UT-Battelle - ORNL	\$20,155
Bingham, Carrol	Matching Funds - UT/ORNL Joint Institute	DOE - UT-Battelle - ORNL	\$395,000
Camden, Jon	Imaging Plasmonic Hot-Spot & Analyte Location in Single Molecule Surface Enhance	DOE - US Dept. of Energy	\$15,000
Dadmun, Mark	Characterization of Lignin Feedstock for Use in Improved Carbon Fiber	DOE - UT-Battelle - ORNL	\$17,142
Decorse, Elizabeth; Hollenbach, Kandace	Archaeological Survey of Federal Landholdings (Clifflines, Scenic Easements)	US Dept. of Interior - National Park Service	\$66,000
Dolislager, F.; Galloway, L.; Gross, L.; Stewart, D.	Risk Integration Support for FY 2012 WR63, Rev 000	DOE - URS CH2M Oak Ridge LLC (UCOR)	\$2,077
Harden, Carol	Field Monitoring and Data Development for Little River Tributaries	Blount County Conservation District	\$3,779
Hollenbach, Kandace	Faunal Analysis for 44WR0232, Warren County, Virginia	Louis Berger Group, Inc.	\$2,400
Hulsey, Christopher	Mechanisms that Underlie the Evolution of Functional Innovation and Diversity	US-Israel Bination Science Foundation	\$26,325
Kabalka, George	Organic Dyes - 900 nm Project	DOE - UT-Battelle - ORNL	\$49,999
Karakashian, Ohannes	Adaptive Discontinuous Galerkin Methods and Applications	National Science Foundation	\$173,512
Nazarewicz, Witold	FUSTIPEN - France-US Theory Institute for Physics with Exotic Nuclei	DOE - US Dept. of Energy	\$35,000
Podar, Mircea	Enhancing Expertise in Archaeal Taxonomy: Classical and Molecular-based	Portland State University	\$70,408
Vonarnim, Albrecht	Analysis Software and Algorithm Development - Manesh Shah	DOE - UT-Battelle - ORNL	\$54,000
Vonarnim, Albrecht	Alterations in Gut Microbiota in Response to Diets High in Resistant Starch	Lawrence Berkeley National Laboratory	\$50,000
Wilhelm, Steven	Biological Degradation of Microcystins: A First Step Towards Biofilters	National Oceanic & Atmospheric Administration	\$116,292
Xing, Yulong	Development of High-order Accurate Numerical Methods for the Shallow-water	National Science Foundation	\$166,178
COLLEGE OF BUSINESS ADMINISTRATION			
Fox, William	The Tennessee Employment Security Insurance Model Evaluation and Maintenance	Tennessee Department of Labor and Workforce Development	\$547,580
Vossler, C.; McKee, M.	Experimental Research on Taxpayer Services	Internal Revenue Service	\$204,567
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Raynor, Hollie	LIVE: SMART: Smartphone Intervention for Weight Control	Miriam Hospital	\$24,283
COLLEGE OF ENGINEERING			
Braiman, Yehuda	High-Power Compact Blue-Green Pulsed Laser Source Based on Coherent Arrays	Office Of Naval Research	\$19,000
Cao, Qing Charles	CAREER: Operating System Based Energy Virtualization for Sensor Networks	National Science Foundation	\$85,497
Clarke, David	DOE/EPA Fuel Economy Information	DOE - UT-Battelle - ORNL	\$33,193
Clarke, David	DOE/EPA Fuel Economy Information Site	DOE - UT-Battelle - ORNL	\$63,909
Clarke, David	Fuel Economy Guide	DOE - UT-Battelle - ORNL	\$60,409
Clarke, David	Fuel Economy Web Site	DOE - UT-Battelle - ORNL	\$47,439
Dongarra, Jack	GridPac: A Resource Management System for Energy and Performance Optimization on Computational Grid	National Science Foundation	\$85,000
Dongarra, J.; Luszczek, P.	FutureGrid: An Experimental, High-Performance Grid Testbed	Indiana University	\$106,249
Grossbeck, Martin	Study of Compatibility of Stainless Steel Weld Joints with Liquid	DOE - US Dept. of Energy	\$22,000
Gu, Gong	Novel Graphene-based Electronic Devices Integratable with Silicon	National Science Foundation	\$359,996
Han, Lee	Eisenhower Fellowship: Real-Time Vehicle Tracking Using License Plate Text	US Dept. of Transportation - Research & Innovative Tech	\$5,000
Hayward, Jason	Undergraduate Student Work in Nuclear Materials Accountancy	DOE - UT-Battelle - ORNL	\$8,469
Hayward, Jason	Characterization of Gamma-ray Imager for Combined Gamma-ray and Visible Light	DOE - UT-Battelle - ORNL	\$7,114
Hayward, Jason	Algorithm Development for Dual Gamma-ray and Fast Neutron Imaging of Nuclear	DOE - UT-Battelle - ORNL	\$8,139
Heilbronn, Lawrence	Secondary Light-Ion Cross Sections and Transport from Intermediate-Energy Heavy	NASA - Langley Research Center	\$38,000

AWARDS FOR JULY 19–AUGUST 8, 2012 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Heilbronn, Lawrence	Secondary Light-Ion Cross Sections and Transport from Intermediate-Energy Heavy	NASA - Langley Research Center	\$111,999
Hu, Bin	Workshop on Key Scientific and Technological Issues for Development	Office Of Naval Research	\$5,000
Huang, Baoshan	2012 Dwight David Eisenhower Graduate Fellowship - Benjamin Bowers	US Dept. of Transportation	\$5,000
Kohls, Airton	Development of NHI Highway Noise course	National Highway Institute	\$69,176
Komistek, R.; Nakamura, S.; Sharma, A.	In Vivo Kinematics of TKA for Subjects Having Variable Polyethylene Inserts	KYOCERA Medical Corporation	\$180,350
Li, Husheng; Mandrus, David	Studies of Correlated Electron Materials	DOE - UT-Battelle - ORNL	\$10,000
Liaw, Peter	TAOI B Experimental and Computational Investigation of High-entropy Alloys	US Dept. of Energy	\$300,000
Moore, S.; Terpstra, D.; Bosilca, G.; Dongarra, J.	Institute for Sustained Performance, Energy, and Resilience (SuPER)	US Dept. of Energy - Office of Science	\$430,000
Nguyen, Ke	Thermal Aging of Lnts Using a Bench-Flow Reactor	DOE - UT-Battelle - ORNL	\$15,782
Paddison, Stephen	First Principles Modeling of Cation (H+, Li+, and Na+) Transport in Solid	DOD - Department of the Army	\$27,262
Wang, Shanfeng	Phenotypic Modulation of Smooth Muscle Cells on Biodegradable Elastomeric	National Science Foundation	\$6,000
Wirth, Brian; Maingi, Rajesh	Diagnostics and Modeling in Support of Boundary Physics Research on NSTX Upgrade	US Dept. of Energy - Office of Science	\$135,000
COLLEGE OF NURSING			
Callen, Bonnie; Lindley, Lisa; Niederhauser, Victoria	Exploration of the Health Risk & Wellness Profiles of Y12 Employees	BWXT Y-12, LLC	\$21,114
COLLEGE OF SOCIAL WORK			
Campbell, Paul	CAPTA/CJA FY 2013	TN Dept. of Children's Services	\$784,610
Campbell, Paul; Cunningham, Maryanne	21st Century Afterschool Program Evaluation FY 2013	UT Institute of Public Service	\$310,000
Patterson, David	FY 2013 Knox County CDBG Matching Funds	Knox County Community Development Office	\$10,000
Wodarski, John	HICV/AIDS Primary Prevention Program with Caribbean Youth	DHHS - Substance Abuse and Mental Health Services	\$448,146
CAMPUS CENTERS & INSTITUTES			
Saylor, G.; Cox, C.; Joulina, I.; Smith, J.; Stewart, C.	Cellulosic Biomass Deconstruction, Characterization and Modeling	DOE - UT-Battelle - ORNL	\$200,000
OTHER			
Gard, Brian	Camera System and Network Upgrades	Knox County Health Department	\$18,079
Tonn, Bruce; Peretz, Sally; Sanseverino, John	Rooftop Solar Challenge: Inducing Market Transformation in Tennessee	DOE - US Dept. of Energy	\$126,529

Scholar of the Week Nominations

As the new school year gets under way, the Office of Research is seeking nominations for Scholar of the Week for faculty and students who have achieved noteworthy outcomes for their research and scholarly work.

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

David Baker, professor of chemistry, has been named a Fellow of the American Chemical Society for 2012. Baker will be honored at the ACS national meeting in Philadelphia.

Bruce Behn, the Ergen Professor in Business and head of the Department of Accounting and Information Management, has been named Business Information Professional of the Year. Beta Alpha Psi, an international honorary organization for financial information students and professionals presented the award.

David Fox, associate professor of architecture, has been awarded a Fulbright Fellowship for research and teaching in Krakow, Poland. Fox has taught in Poland for several years as part of the College of Architecture and Design's partnership with Krakow Polytechnic.

The *Wall Street Journal* has recognized two administrators with connections to UT as "shining stars" among women administrators in business schools across the nation. **Annette Ranft**, associate dean for academic programs in the College of Business, is also the Reagan Professor of Business. **Sarah Gardial**, former UT vice provost and College of Business faculty member, recently became dean of the University of Iowa's business school. Both were among 11 women recognized for their accomplishments in the typically male-dominated discipline of business administration.

A sculpture class taught by **Patricia Tinajero**, assistant professor of art, has designed and built an obelisk as part of a public art project at the Knoxville Zoo. The sculpture is part of the new lion and baboon exhibit.