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Awards and Recognitions

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4-21-2010

## Office of Research, Awards & Recognition, April 21, 2010

University of Tennessee Office of Research

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## AWARDS AND RECOGNITIONS

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APRIL 21, 2010

### AWARDS FOR MARCH 26–APRIL 15, 2010

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Decorse, Elizabeth Kellar	Archaeological Investigations of 40KN314 at Knoxville Station Transit Center, Knox County, Tenn.	Public Building Authority	\$13,977
Decorse, Elizabeth Kellar	Archaeological Phase I of Parcel 09310025600 at the Gateway Boulevard Corridor, Nashville, Tennessee	Parsons Brinckerhoff Quade	\$12,388
Dolislager, Fredrick G.; Galloway, Leslie D.; Gross, Louis J.	Risk-Integration Support for FY10 Work Release WR#0059 Rev 000	Bechtel Jacobs Development Company	\$7,040
Egami, Takeshi	Atomistic Study of Bulk Metallic Glasses	UT-Battelle - ORNL	\$120,544
Fedo, Christopher Mark	Geochemical and Iron Isotopic Investigation of Precambrian Banded Iron Formation (3.8-1.9 Ga)	NASA - Headquarters Washington, DC	\$123,755
Galloway, Leslie; Gross, Louis	Mammalian Research	UT-Battelle - ORNL	\$22,609
Greene, Geoffrey L.	Joint Faculty	UT-Battelle - ORNL	\$99,467
Hallam, Thomas Guy	Environmental Risk and Modeling Information	UT-Battelle - ORNL	\$300,436
Harrison, Robert J.	Theoretical and Computational Analysis/Prediction of Neutron and X-Ray Data	UT-Battelle - ORNL	\$20,543
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis of 41HY163, Hays County, TX	Texas State University	\$4,504
McKay, Larry D.; Hallett, Miranda Alvina; McSween, Harry Y.	ORNL Support for L. Anovitz	UT-Battelle - ORNL	\$48,644
Papenbrock, Thomas Franz	Joint Faculty	UT-Battelle - ORNL	\$48,012
Peterson, Cynthia B.	Graduate Research Assistant - Vivek Philip	UT-Battelle - ORNL	\$19,583
Riedinger, Leo L.	Materials Protection, Control, and Accountability Education Program	UT-Battelle - ORNL	\$5,965
Shen, Jian	LSU Subcontract to UT Physics for Portion of DOE SISGR Project	Louisiana State University	\$13,897
Simberloff, Daniel	Collaborative Research: Determinants of Ectomycorrhizal Fungal Spread and Its Relation to Pinaceae Invasion	National Science Foundation	\$329,587
Thompson, James R.	Formation and Properties of Materials for Advanced Energy Technologies: Superconductive, Magnetic, and Related Materials	UT-Battelle - ORNL	\$78,373
Van De Moortel, Aleydis	Mitrou Archaeological Project	Institute for Aegean Prehistory	\$25,000
Weitering, Hanno H.	Joint Faculty	UT-Battelle - ORNL	\$35,764
Welsh, Deborah P.	Practicum Experience in Clinical Psychology for Students	Cherokee Health Systems	\$11,667
Wilhelm, Steven W.	Winter Assessment of Microbial Biomass and Metabolism: Testing the Importance of Winter Productivity to Summer Hypoxia in Lake Erie	Clarkson University	\$5,500
Zhu, Wenguang	Theoretical Studies of Optical Properties of Novel Nano-materials	UT-Battelle - ORNL	\$70,000
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Fox, William F.	TennCare Patient Satisfaction Survey	State of Tennessee	\$250,657
<b>COLLEGE OF COMMUNICATION &amp; INFORMATION</b>			
Suttles, Barbara C.	Support for the Genome Management Information System - UT-Battelle	UT-Battelle - ORNL	\$10,599
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Hallam, Rena Ann; Moran, Mary Jane	A Competency-Based Licensure Model for Head Start Teachers	Knox County Schools	\$29,331
Kavanagh, Katherine Felts; Burney, Janie L.; Greer, Betty P.	Three-Phased Project for Reducing Modification to Bottles of Prepared Infant Formula: Bottle Content Analysis, Development of Consumer-Tested Messages	US Dept. of Agriculture - Cooperative State Research	\$900,000
White, Connie L.	Tennessee Even Start Database Support, Training, and Technical Assistance	TN Dept. of Education	\$11,000
Zemel, Michael B.	Effects of Dairy Consumption on SIRT1 and Metabolic Risk in Humans	Dairy Management, Inc.	\$96,778
<b>COLLEGE OF ENGINEERING</b>			
Birdwell, John D.; Wang, Tse-Wei	Searchable Database	UNISYS Corporation	\$381,738
Dongarra, Jack	Blackjack	Defense Advance Research Projects Agency	\$313,687
Dongarra, Jack	Workshop on Clusters, Clouds and Grids for Scientific Computing	National Science Foundation	\$40,012
Dongarra, Jack; Bosilca, George Martian	Minimizing System Noise Effects For Extreme-Scale Scientific Simulation Through Function Delegation	US Dept. of Energy - CR-54/CHO	\$221,568
Dongarra, Jack; Moore, Shirley V.	Performance Engineering Research Center for Enabling Technologies (PERC) (Sci DAC)	US Dept. of Energy - Energy and Technology	\$235,000
Egami, Takeshi	Atomic Structure of Gold Nano-Particles	UT-Battelle - ORNL	\$42,388

## AWARDS FOR MARCH 26–APRIL 15, 2010 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Fu, Joshua S.	Risk-Based Prioritization Among Air Pollution Control Strategies in Yangtze River Delta, China	Harvard University	\$20,000
Hines, J Wesley	Multi-Isotope Process Monitor: Real-Time Detection of Process Conditions	Battelle - Pacific Northwest Lab	\$18,000
Langston, Michael A.	INIA - Stress: Informatics and Analysis Core	Virginia Commonwealth Univ.	\$104,432
Lyne, James Evans	A Comparison of Conclusions Regarding Head Injury Using Standard NOCSAE Drop Tower Testing	National Operating Committee on Standards for Athletic Equip.	\$10,000
McHargue, Carl J.	Materials Characterization	UT-Battelle - ORNL	\$27,313
McHargue, Carl J.	Study of Graphite and Composites for Nuclear Plant Applications	UT-Battelle - ORNL	\$50,000
McHargue, Carl J.; Barabash, Rozaliya I.	X-Ray Diffuse Scattering- 2	UT-Battelle - ORNL	\$125,512
McHargue, Carl J.; Stewart, David Michael	Modeling and Simulation Studies in Support of Nuclear Energy Systems	UT-Battelle - ORNL	\$46,950
McHargue, Carl J.; Vasudevamurthy, Gokul	Development of Zirconium Carbide for Gen IV Nuclear Reactors	UT-Battelle - ORNL	\$37,392
Miller, Terry L.	Proposal for Conducting Air Quality Services in 2009 for TDEC-Air Pollution Control Division	TN Dept. of Environment and Conservation - Pollution Control	\$194,707
Newsom, Theodore J.	Statewide Van Transportation Contract	Africa In April Cultural Awareness Festival, Inc.	\$26,000
Newsom, Theodore J.	Statewide Van Transportation Contract	Urban Family Ministries	\$28,000
Newsom, Theodore J.	Statewide Van Transportation Contract	Hope of East Tennessee	\$28,000
Newsom, Theodore J.	Statewide Van Transportation Contract	World Redeemers Outreach Church, Inc.	\$28,000
Newsom, Theodore J.	Statewide Van Transportation Contract	Deliverance Ministries Worship Center	\$28,000
Prowell, Stacy; Poore, Jesse; Smith, Bradford; Swain, William	SNS Analysis Software Architecture and Process Definition	UT-Battelle - ORNL	\$101,247
Zawodzinski, Thomas Anthony	Governor's Chair in Energy Storage	UT-Battelle - ORNL	\$822
Zhao, Xiaopeng	CAREER: Integrated Research and Education in Nonlinear Dynamics in Biological Systems	National Science Foundation	\$6,000
<b>COLLEGE OF SOCIAL WORK</b>			
Campbell, Paul; Black, Brenda	CAPTA and CJA 2008	TN Dept. of Children's Services	\$156,922
Patterson, David A.	ARRA: HMIS Matching Funds - The Next Door	The Next Door	\$3,090
Patterson, David A.; Campbell, Paul M.	Knoxville HMIS	HUD - Office of Policy Development & Research	\$132,282
<b>CAMPUS CENTERS &amp; JOINT INSTITUTES</b>			
Ahern, Sean David; Huang, Jian; Klasky, Scott A.	ARRA: NCS Remote Data Analysis and Visualization Center	National Science Foundation	\$2,218,146
Gangaware, Timothy R.	Watershed Improvement Initiative	Tennessee Valley Authority	\$9,500
Geibig, Jack R.; Wilt, Catherine Anita	Electronic Standards Development in Continuance of EPEAT	US Environmental Protection Agency	\$80,000
McKay, Larry D.	Toxic Metal Bioaccessibility and Carbon Sequestration	UT-Battelle - ORNL	\$76,208
Overly, Jonathan G.	I-75 Green Corridor Project	US Dept. of Energy - Energy and Technology	\$81,204
Shelton, Robert B.	Distinguished Fellow on Energy Policy	UT-Battelle - ORNL	\$40,000

## RECOGNITIONS

**Chris Cherry**, an assistant professor of civil and environmental engineering, has received an Environmental Leadership Award for his outstanding commitment to environmental stewardship at UT Knoxville. Cherry's teaching and research interests focus on sustainable transportation planning, policy and economics.

**Katy Chiles**, an assistant professor of English, has been selected to receive a National Endowment for the Humanities (NEH) Summer Stipend that provides \$6,000 for two consecutive months of full-time research and writing. Chiles plans to work on her book, "Transformable Race and the Literatures of Early America," which seeks to understand how science and literature interacted in the social construction of racial categories.

**Ernest Freeberg**, a professor of history, has been named the winner of the 2010 Eli M. Oboler Memorial Award, presented by the Intellectual Freedom Round Table (IFRT) of the American Library Association. Freeberg was selected for his book, "Democracy's Prisoner: Eugene V. Debs, the Great War, and the Right to Dissent." The IFRT presents the award every two years for the best published work in the area of intellectual freedom.

**Hansjörg Göritz**, an associate professor of architecture, recently received the 2010 Wienerberger AG Brick Award and \$28,000 cash prize for designing Liechtenstein's new State Capitol Forum and Parliament. Wienerberger AG, the largest producer of bricks in the world, holds a biennial competition to recognize unique brick structures and their architects.

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**Jimmy Mays**, UT/ORNL Distinguished Scientist, has been named a Founding POLY Fellow by the Polymer Chemistry Division of the American Chemical Society recognizing outstanding achievement and contribution to polymer science and the profession.