

# University of Tennessee, Knoxville Trace: Tennessee Research and Creative Exchange

Awards and Recognitions

Office of Research

4-29-2009

# Office of Research, Awards & Recognition, April 29, 2009

University of Tenessee Office of Research

Follow this and additional works at: http://trace.tennessee.edu/utk researchawards

### Recommended Citation

Office of Research, University of Tenessee, "Office of Research, Awards & Recognition, April 29, 2009" (2009). Awards and Recognitions.

 $http://trace.tennessee.edu/utk\_researchawards/19$ 

This Newsletter is brought to you for free and open access by the Office of Research at Trace: Tennessee Research and Creative Exchange. It has been accepted for inclusion in Awards and Recognitions by an authorized administrator of Trace: Tennessee Research and Creative Exchange. For more information, please contact trace@utk.edu.





### AWARDS AND RECOGNITIONS

http://research.utk.edu APRIL 29, 2009				
	AWARDS FOR APRIL 10-23, 2009			
INVESTIGATOR	TITLE	SPONSOR	AWARD	
COLLEGE OF ARCHITECTURE & DES	SIGN			
Mcrae, John Malcolm	Professional Assistance for Architecture and Design	TN Department of Finance and Administration	\$5,000	
COLLEGE OF ARTS & SCIENCES				
Angst, Michael G.	Phase I Archaeological Survey for KUB Sewer Project at Goose Creek, Knox County, TN	CH2M HILL	\$8,603	
Breinig, Marianne	UT Research Assistant - Accelerator Physics	UT-Battelle, LLC-ORNL	\$47,410	
Brummett, Palmira J.	The Ottoman Adriatic, c. 1500-1700 (Fellowship)	American Council of Learned Societies	\$60,000	
Dadmun, Mark	Enhancing Functional & Structural Properties of Polymer Nanocomposites by Controlling Dispersion & Interfaces	National Science Foundation	\$5,500	
Dagotto, Elbio Ruben	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,244	
Decorse, Elizabeth Kellar	Architectural Resources Survey for Misty Cove Development and Sewer Line, Jefferson County, TN	Municipal Corp of Jefferson City	\$2,670	
Eguiluz, Adolfo G.	Joint Faculty	UT-Battelle, LLC-ORNL	\$11,130	
Galloway, Leslie D.; Gross, Louis J.	Mammalian Research	UT-Battelle, LLC-ORNL	\$13,047	
Harden, Carol P.; Lee, Jaehoon	Collaborative Research: Effects of Land-Use Change on the Production of Ecosystem Services	National Science Foundation	\$77,112	
Hollenbach, Kandace Renee	Micromorphological Analyses of Sites BRO-0509, ORA-9931, and BRO-117, The Millennium	Geoarchaeology Research Associates	\$3,678	
Hollenbach, Kandace Renee	Geoarchaeological Analysis and Optically Stimulated Luminesince Dating of Sites 1MN417 and 1MB420	Robert E. Perry & Associates	\$1,992	
Joy, David C.	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$3,500	
Kovac, Jeffrey D.	2009 Governor's School for the Sciences and Governor's School for Engineering	TN Dept of Education	\$433,846	
Nazarewicz, Witold; Papenbrock, Thomas Franz	UNEDF Universal Nuclear Energy Density Functional - (Formerly Subcontracted through University of WA)	Department of Energy, Office of Science	\$259,000	
Peterson, Cynthia B.	Analysis Software and Algorithm Development	UT-Battelle, LLC-ORNL	\$52,925	
Sepaniak, Michael J.	Integrating Electrokinetic Separations with Surfaces Sampling Mass Spectrometry	UT-Battelle, LLC-ORNL	\$17,694	
Shepardson, Christine Carran	2008 - 2009 ACLS Fellowship - Christine Shepardson	American Council of Learned Societies	\$35,000	
Singh, David Joseph	Thermal Conduction in Materials	United Negro College Fund	\$65,000	
Stuart, Gregory Lyal	Brief Intervention to Reduce Drinking Among Batterers	NIH - National Institute on Alcohol Abuse & Alcoholism	\$43,584	
Taylor, Lawrence A.	Moon Mineralogy Mapper - Science Advisory Team	Brown University - Office of Sponsored Projects	\$43,900	
Taylor, Lawrence A.; McSween, Harry Y.; Liu, Yang	Evolution of Planetary Crusts and Mantles: Moon and Mars	NASA - Headquarters Washington, DC	\$115,000	
Zhu, Wenguang	Theoretical Studies of Optical Properties of Novel Nanomaterials	UT-Battelle, LLC-ORNL	\$12,500	
COLLEGE OF BUSINESS ADMINIST	RATION			
Cathey, Amy; Schuler, Glen; Kahn, Kenneth; Justice, Molly	Graduate Student Support for Technology Transfer & Economic Development - 2004	UT-Battelle, LLC-ORNL	\$11,514	
Murray, Matthew N.	TN Advisory Committee on Intergovernmental Relations	State of Tennessee	\$10,718	
COLLEGE OF COMMUNICATION & I	NFORMATION			
Suttles, Barbara C.	Support for Computational Biology Division - UT Battelle	UT-Battelle, LLC-ORNL	\$808	
Suttles, Barbara C.	Genome Management Information System - Information Specialist II	UT-Battelle, LLC-ORNL	\$72,000	
COLLEGE OF EDUCATION, HEALTH				
Benner, Susan Mclean	Special Education Improvement Grant (SIG)	TN Dept of Education - Division of Special Education	\$250,000	
Blank, Mary Ann; Kershaw, Cheryl Ann	Curriculum Study for the Public School Forum of East Tennessee	The Public School Forum of East TN	\$10,000	
Mincey, Bethany Aleece	WIA Youth	Knoxville - Knox County Community Action Committee	\$167,400	

COLLEGE OF ENGINEERING  Benson, Roberto S.  Photoelectrochemical Diss Production of Hydrogen  Bosilca, George  Internship to Design and Design and Design, Takeshi  Egami, Takeshi  Egami, Takeshi; Dmowski, Wojciech  Everett, Jerry D.  Fu, Joshua S.  Global Change & Air Polluti Implications for U.S. Air Quantity Multiple Climate & Global Esynergize seaWiFS, MODIS  Gao, Yanfei  Directed Self-Assembly and Superconductors and Other Sup	velop a Prototype RAS Engine ng Research Program  c: Structure and Dynamics of	SPONSOR  UT-Battelle, LLC-ORNL  UT-Battelle, LLC-ORNL  UT-Battelle, LLC-ORNL  UT-Battelle, LLC-ORNL  National Science Foundation	\$12,919 \$11,657 \$100,000
Benson, Roberto S.  Photoelectrochemical Diss Production of Hydrogen Bosilca, George  Internship to Design and De Dongarra, Jack  High Performance Comput Egami, Takeshi  Egami, Takeshi  Egami, Takeshi; Dmowski, Materials Research Networ Complex Ferroelectrics  Everett, Jerry D.  Law Enforcement Liaison Full Liaison	velop a Prototype RAS Engine ng Research Program  c: Structure and Dynamics of	UT-Battelle, LLC-ORNL UT-Battelle, LLC-ORNL UT-Battelle, LLC-ORNL	\$11,657
Bosilca, George Internship to Design and Design, Takeshi Distinguished Scientist Egami, Takeshi Distinguished Scientist Egami, Takeshi; Dmowski, Materials Research Networ Complex Ferroelectrics Everett, Jerry D. Law Enforcement Liaison Fu, Joshua S. Global Change & Air Polluti Implications for U.S. Air Que Multiple Climate & Global E Long Term Aerosol Data Resynergize seaWiFS, MODIS Gao, Yanfei Directed Self-Assembly and Superconductors and Othe Gardina Superconductors and Othe Superconductors and Other Superconductors and Superconductors and Superconductors and Superconductors and Superconductors and Piezocer Characterization Superconductors and Piezocer Characterization Superconductors and Piezocer Characterization Superconductors and Piezocer Characterization Superconductors and Piezocer Program Tolbert, Leon M.  Tolbert, Leon M.  Joint Faculty  Tin Traffic Safety Resource Program  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  College Of Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch	velop a Prototype RAS Engine ng Research Program  c: Structure and Dynamics of	UT-Battelle, LLC-ORNL UT-Battelle, LLC-ORNL UT-Battelle, LLC-ORNL	\$11,657
Dongarra, Jack Egami, Takeshi Distinguished Scientist Egami, Takeshi; Dmowski, Wojciech Everett, Jerry D. Law Enforcement Liaison F Eu, Joshua S. Global Change & Air Polluti Implications for U.S. Air Qu Multiple Climate & Global E Fu, Joshua S. Long Term Aerosol Data Re Synergize seaWiFS, MODIS Gao, Yanfei Directed Self-Assembly an Superconductors and Othe Halstead, Peter D. External Random Product Hayward, Jason; Dodds, Harold L. Radiation Detection Reseat He, Qiang Functional Analysis of Biofi Komistek, Richard David Real-time Mechanics of Na Shoulder Anthroplasties McHargue, Carl J.; Kulkarni, Nagraj S. McHargue, Carl J.; Stewart, David Michael Pharr, George M. Piezoceramic and Piezocer Characterization Rack, Phillip D. Rack, Phillip D. Simerly, Karen L. TN Traffic Safety Resource Program Tolbert, Leon M. Joint Faculty Tin Traffic Safety Resource Program Tolbert, Leon M. Jesign an FEA Analysis of Electric Vehicles Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J. CCLLEGE OF SOCIAL WORK Campbell, Paul M.; Cunningham, Maryanne Lynch Knoxville Recycling Survey	ng Research Program  c: Structure and Dynamics of rogram	UT-Battelle, LLC-ORNL UT-Battelle, LLC-ORNL	
Egami, Takeshi Egami, Takeshi; Dmowski, Wojciech Everett, Jerry D.  Fu, Joshua S.  Global Change & Air Polluti Implications for U.S. Air Que Multiple Climate & Global Everett Gao, Yanfei Gao, Yanfei Directed Self-Assembly and Superconductors and Other Halstead, Peter D. Hayward, Jason; Dodds, Harold L. He, Qiang Functional Analysis of Bioff Komistek, Richard David McHargue, Carl J.; Kulkarni, Nagraj S. McHargue, Carl J.; Stewart, David Michael Penumadu, Dayakar Penumadu, Dayakar Penumadu, Dayakar Pharr, George M. Piezoceramic and Piezocer Characterization Rack, Phillip D. Rack, Phillip D. Simerly, Karen L. Tolbert, Leon M. Tolbert, Leon M. Jessen Maryanne Lynch McCampbell, Paul M.; Cunningham, Maryanne Lynch  Menarce Earl Herocement Liaison F Materials Research Network Gomplex Ferroelectrics Complex Ferroelectrics Campbell, Paul M.; Cunningham, Knoxville Recycling Survey	c: Structure and Dynamics of	UT-Battelle, LLC-ORNL	\$100,000
Egami, Takeshi; Dmowski, Wojciech  Everett, Jerry D.  Fu, Joshua S.  Fu, Joshua S.  Global Change & Air Polluti Implications for U.S. Air Que Multiple Climate & Global Everetted Gao, Yanfei  Gao, Yanfei  Directed Self-Assembly and Superconductors and Other Seynergize seaWiFS, MODIS Gao, Yanfei  Directed Self-Assembly and Superconductors and Other Seynergize seawiffs, MODIS Gao, Yanfei  Halstead, Peter D.  External Random Product Gao, Yange Functional Analysis of Biofic Komistek, Richard David  Real-time Mechanics of Nather Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, Nagraj S.  McHargue, Carl J.; Stewart, David Modeling and Simulation Senergy Systems  Penumadu, Dayakar  Pharr, George M.  Pharr, George M.  Piezoceramic and Piezocer Characterization  Rack, Phillip D.  Genter for Nanophase Mate Forgram  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  College Of SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Maryanne Lynch  Materials Research Netword Completics  I Law Enforcement Liaison F  All Pollution F  Multiple Climate & Global E  External Random Product T  Balaick Balaick Salir Pollution I  Raciation Detection Resear  Negative Salir Pollution I  Multiple Climate & Global E  External Random Product T  Balaick Eaglibal E  Ar Pollution I  Hayward, Jason, Salir Pollution I  Law Enforcement Liaison F  Balock Eaglibal E  Air Pollution I  Hughly Integrated Gate Drive Converters  College Of SOCIAL WORK  Knoxville Recycling Survey	rogram	·	
Wojciech Everett, Jerry D. Law Enforcement Liaison F  Fu, Joshua S. Global Change & Air Polluti Implications for U.S. Air Qu Multiple Climate & Global E  Fu, Joshua S. Long Term Aerosol Data Re Synergize seaWiFS, MODIS  Gao, Yanfei Directed Self-Assembly and Superconductors and Other  Halstead, Peter D. External Random Product  Hayward, Jason; Dodds, Harold L. Radiation Detection Reseant He, Qiang Functional Analysis of Biofi  Komistek, Richard David Real-time Mechanics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, Nagraj S. McHargue, Carl J.; Stewart, David Michael Penumadu, Dayakar Penumadu, Dayakar Pharr, George M. Piezoceramic and Piezocer Characterization  Rack, Phillip D. Center for Nanophase Mate Rack, Phillip D. Joint Faculty  Tolbert, Leon M. Tolbert, Leon M. Jesign an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Knoxville Recycling Survey	rogram	National Science Foundation	\$60,306
Fu, Joshua S.  Fu, Joshua S.  Global Change & Air Polluti Implications for U.S. Air Que Multiple Climate & Global E Good E Good Fund Fund Fund Fund Fund Fund Fund Fun			\$66,000
Implications for U.S. Air On Multiple Climate & Global E Fu, Joshua S.  Long Term Aerosol Data Re Synergize seaWiFS, MODIS Gao, Yanfei  Directed Self-Assembly and Superconductors and Other Superconduc	on (GCAP) Phase 2:	TN Dept of Transportation - Governor's Highway Safety	\$1,165,193
Synergize seaWiFS, MODIS Gao, Yanfei Directed Self-Assembly and Superconductors and Other Halstead, Peter D. External Random Product Hayward, Jason; Dodds, Harold L. Radiation Detection Resear He, Qiang Functional Analysis of Biofice Komistek, Richard David Real-time Mechanics of Nath Shoulder Anthroplasties McHargue, Carl J.; Kulkarni, Nagraj S. McHargue, Carl J.; Stewart, David Michael Penumadu, Dayakar Penumadu, Dayakar Pharr, George M. Piezoceramic and Piezocer Characterization Rack, Phillip D. Center for Nanophase Mate Rack, Phillip D. Joint Faculty Simerly, Karen L. Tolbert, Leon M. Active Filter to Reduce Cap Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J. COLLEGE OF SOCIAL WORK Campbell, Paul M.; Cunningham, Maryanne Lynch  External Random Product External Random Product Radiation Detection Resear Radiation Detection Resear Rediation Picture Rediation Rediation Rediation Rediation Rediation Rediation Rediation Rediation Rediation Rediati	ality & Mercury Deposition of	Harvard University	\$42,000
Superconductors and Other Halstead, Peter D. Hayward, Jason; Dodds, Harold L. Radiation Detection Resear He, Qiang Functional Analysis of Biofi Komistek, Richard David Real-time Mechanics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, Nagraj S.  McHargue, Carl J.; Stewart, David Michael Penumadu, Dayakar Penumadu, Dayakar Pharr, George M. Piezoceramic and Piezocer Characterization  Rack, Phillip D. Center for Nanophase Mate Rack, Phillip D. Joint Faculty Simerly, Karen L. TN Traffic Safety Resource Program  Tolbert, Leon M. Active Filter to Reduce Cap Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK Campbell, Paul M.; Cunningham, Maryanne Lynch  Knoxville Recycling Survey		NASA-Goddard Space Flight Center	\$34,628
Hayward, Jason; Dodds, Harold L.  He, Qiang  Functional Analysis of Biofick Komistek, Richard David  Real-time Mechanics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, Nagraj S.  McHargue, Carl J.; Stewart, David Michael  Penumadu, Dayakar  Pharr, George M.  Piezoceramic and Piezocer Characterization  Rack, Phillip D.  Rack, Phillip D.  Simerly, Karen L.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Converters  College Of Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch  Rack, Pinding Analysis of Servery Resource, Converters  Knoxville Recycling Survey Resource, Converters  Knoxville Recycling Sur		UT-Battelle, LLC-ORNL	\$17,900
He, Qiang  Komistek, Richard David  Real-time Mechanics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, Nagraj S.  McHargue, Carl J.; Stewart, David Michael  Penumadu, Dayakar  Pharr, George M.  Pharr, George M.  Rack, Phillip D.  Rack, Phillip D.  Simerly, Karen L.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Converters  College Of Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch  Real-time Mechanics of Na Shoulder Anthroplasties  Highly Integrated Computional Mark Shoulder Anthroplasties  Functional Analysis of Bloff  Real-time Mechanics of Na Shoulder Anthroplasties  Integrated Computional Mark Shoulder Anthroplasties  Highly Integrated Gate Drive Converters  Knoxville Recycling Survey Maryanne Lynch  Knoxville Recycling Survey	esting for Riddell Inc	Riddell, Inc.	\$12,000
Komistek, Richard David  Real-time Mechanics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, Nagraj S.  McHargue, Carl J.; Stewart, David Modeling and Simulation Senergy Systems  Penumadu, Dayakar  Pharr, George M.  Piezoceramic and Piezocer Characterization  Rack, Phillip D.  Rack, Phillip D.  Simerly, Karen L.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Converters  College Of Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch  Right Throughput Isotopic Integrated Computional Mathematics of Na Shoulder Anthroplasties  High Throughput Isotopic Integrated Computional Mathematics of Integrated Computional Mathematics of Na Shoulder Anthroplasties  High Throughput Isotopic Integrated Computional Mathematics of Integrated Computional Mathematics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, High Throughput Isotopic Integrated Computional Mathematics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, High Throughput Isotopic Integrated Computional Mathematics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, High Throughput Isotopic Integrated Computional Mathematics of Na Shoulder Anthroplasties  McHargue, Carl J.; Kulkarni, High Throughput Isotopic Integrated Computional Mathematics of Na Shoulder Anthroplasties  Modeling and Simulation Senergy Systems  Penumadu, David Modeling and Simulation Senergy Systems  Penumadu, David Modeling and Simulation Senergy Systems  Penumadu, David Modeling and Simulation Senergy Integrated Computional Mathematics Integrated Computiona	ch and Development	UT-Battelle, LLC-ORNL	\$54,000
McHargue, Carl J.; Kulkarni, Nagraj S.  McHargue, Carl J.; Stewart, David Michael  Penumadu, Dayakar  Pharr, George M.  Rack, Phillip D.  Rack, Phillip D.  Simerly, Karen L.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Converters  College OF Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch  High Throughput Isotopic Integrated Computional Material Integrated Gate Drive Converters  Knoxville Recycling Survey	ms in Premise Plumbing	National Science Foundation	\$167,031
Nagraj S.  Integrated Computional Ma McHargue, Carl J.; Stewart, David Michael  Penumadu, Dayakar  Pharr, George M.  Rack, Phillip D.  Rack, Phillip D.  Simerly, Karen L.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Campbell, Paul M.; Cunningham, Maryanne Lynch  Modeling and Simulation Senergy Systems  Piezoceramic and Piezocer Characterization  That Traffic Safety Resource Program  Tol Traffic Safety Resource Program  Tolbert, Leon M.  Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blajbly Integrated Gate Drive Converters  College OF Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch	ive Shoulders and Total	Tornier S.A.S	\$176,363
Michael  Penumadu, Dayakar  Penumadu, Dayakar  Pharr, George M.  Piezoceramic and Piezocer Characterization  Rack, Phillip D.  Rack, Phillip D.  Simerly, Karen L.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Campbell, Paul M.; Cunningham, Maryanne Lynch  Energy Systems  Piezoceramic and Piezocer Characterization  Center for Nanophase Mate The Nanophase Mate Tolar Faculty  Energy Systems  Piezoceramic and Piezocer Characterization  Center for Nanophase Mate The Nanophase Mate Tolar Faculty  Tol Traffic Safety Resource Program  Tolbert, Leon M.  Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blably Integrated Gate Drive Converters  College OF Social Work  Campbell, Paul M.; Cunningham, Maryanne Lynch		UT-Battelle, LLC-ORNL	\$4,358
Pharr, George M.  Piezoceramic and Piezocer Characterization  Rack, Phillip D.  Center for Nanophase Mate Canter Safety Resource Program  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Piezoceramic and Piezocer Characterization  Tolexton Safety Resource Program  Tol Traffic Safety Resource Program  Tol Traffic Safety Resource Program  Tol Traffic Safety Resource Program  Tolbert, Leon M.  Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  Converters  College OF Social Work  Knoxville Recycling Survey	tudies in Support of Nuclear	UT-Battelle, LLC-ORNL	\$58,200
Characterization  Rack, Phillip D.  Center for Nanophase Mate Rack, Phillip D.  Joint Faculty  Simerly, Karen L.  TN Traffic Safety Resource Program  Tolbert, Leon M.  Active Filter to Reduce Cap Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Center for Nanophase Mate	naging and Stress	Helmholtz-Zentrum	\$70,000
Rack, Phillip D.  Simerly, Karen L.  TN Traffic Safety Resource Program  Tolbert, Leon M.  Active Filter to Reduce Cap Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Knoxville Recycling Survey	mic Multi-layer Actuator	UT-Battelle, LLC-ORNL	\$9,123
Simerly, Karen L.  TN Traffic Safety Resource Program  Tolbert, Leon M.  Active Filter to Reduce Cap Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  TN Traffic Safety Resource Program  Tol Maryane Lynch  Design an FEA Analysis of Electric Vehicles  Highly Integrated Gate Drive Converters  Knoxville Recycling Survey	rials Science (CNMS)	UT-Battelle, LLC-ORNL	\$100,000
Tolbert, Leon M.  Tolbert, Leon M.  Tolbert, Leon M.  Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Maryanne Maryanne Lynch  Active Filter to Reduce Cap  Reduce Cap  Highly Integrated Gate Drive Converters  Knoxville Recycling Survey		UT-Battelle, LLC-ORNL	\$18,984
Tolbert, Leon M.  Design an FEA Analysis of Electric Vehicles  Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Design an FEA Analysis of Electric Vehicles  Highly Integrated Gate Driv. Converters  Knoxville Recycling Survey	Service A Statewide	TN Dept of Transportation - Governor's Highway Safety	\$443,671
Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Electric Vehicles  Highly Integrated Gate Driv. Converters  Knovville Recycling Survey	acitance in DC Link of Inverter	UT-Battelle, LLC-ORNL	\$22,909
Blalock, Benjamin J. Converters  COLLEGE OF SOCIAL WORK  Campbell, Paul M.; Cunningham, Maryanne Lynch  Converters  Knoxville Recycling Survey		UT-Battelle, LLC-ORNL	\$10,000
Campbell, Paul M.; Cunningham, Knoxville Recycling Survey Maryanne Lynch	Electric Machines for Hybrid	UT-Battelle, LLC-ORNL	\$25,000
Maryanne Lynch	·		
	·	City of Knoxville	\$7,705
Reed, Sandra K. NSF Graduate Research Fe	e for High Temperance		
CAMPUS CENTERS & JOINT INSTITUTES	e for High Temperance Project	National Science Foundation	\$258 575
Andrews, Philip Lawrence DV.GFS, Global Wide Area	e for High Temperance Project	National Science Foundation	\$258,575
Bell, Larry L.  NASA/LBA	e for High Temperance Project lowship Program		
Webster, Sheila Advanced Math/Science Pr	e for High Temperance Project lowship Program	National Science Foundation Science Systems and	\$258,575 \$252,364 \$25,664
Zacharia, Thomas Computational Chemistry a	e for High Temperance Project  lowship Program  File Systems	National Science Foundation	\$252,364

### **QUARTERLY REPORT CORRECTION**

In the Office of Research Quarterly Report published last week, the **Award Counts by College** chart erroneously transposed the figures for the College of Engineering and the College of Education, Health & Human Sciences. The corrected chart appears below. Visit <a href="http://research.utk.edu/reports/">http://research.utk.edu/reports/</a> for a printable PDF of the full report.

### AWARD COUNTS BY COLLEGE

