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Office of Research, Awards & Recognition, November 26, 2008

University of Tenessee Office of Research

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Research • Scholarship • Creative Activity

THE UNIVERSITY of TENNESSEE KNOXVILLE

NOVEMBER 26, 2008

AWARDS AND RECOGNITION

AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR NOVEMBER 7–20, 2008

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Burr, Devon Marjorie	Aeolian Sediment movement under Titan conditions: wind tunnel experiments and modeling	NASA - Headquarters Washington, DC	$60,000
Decorse, Elizabeth Kellar	Archaeological Evaluation of Historic Features at the Knoxville Station Transit Center, Knox Co. TN	City of Knoxville	$66,522
Decorse, Elizabeth Kellar	Archaelogical Monitoring of Building Demolition at the Church Street Transit Center, Knoxville	City of Knoxville	$4,862
Dolislager, Fredrick Gary; Clauberg, Martin	Mobile Communication Technology: An International Study of the Impacts of Precautionary Measure	Forschungszentrum Jülich GmbH	$22,450
Driskell, Boyce N.	Detailed Archaeological Investigations Of Sites Within A Proposed Water & Sewer Construction Corridor	Eastern Band of Cherokee Indians	$7,678
Hollenbach, Kandace Renee	Zooarchaeological Analysis of 41HY163, Hays County, Texas	Other private educational institution non-specified	$1,151
Hollenbach, Kandace Renee	Identification of Wood Sample from 38BK815, Berkeley County, South Carolina	Brockington and Associates	$185
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis of 31MA627, Macon County, North Carolina	Brockington and Associates	$459
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis of Riverfront Village (38AK933), Aiken County, South Carolina	Brockington and Associates	$18,143
Hollenbach, Kandace Renee	Subsistence Analyses of Feature 3 from Site 38BU2179, Beaufort County, South Carolina	Legacy Research	$3,850
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis of Feature 4 at Site 38WG138, Williamsburg County, SC	Legacy Research	$797
Kah, Linda C.; Gilleaudeau, Geoffrey J.	Investigation of Unusual Breccias in teh Mesoproterozoic Atar Group, Mauritania	Other industry non-specified	$4,000
Larese, John Z.	Vision Spectrometer Project	UT-Battelle, LLC-Oak Ridge National Laboratory	$3,465
Peterson, Cynthia B.	GRA Support - McClintock	UT-Battelle, LLC-Oak Ridge National Laboratory	$40,652
Taylor, Lawrence A.	Miniaturization of an Environmental Scanning Electron Microscope for Remote Planetary Studies: Science Advisory Team	NASA-Marshall Space Flight Center-Financial Management Offic	$41,300
Thundat, Thomas G.	Novel Concepts in Molecular Recognition and Chemical Selectivity	University of California-Berkeley	$41,359
Xiong, Jie; Xiong, Jie; Rosinski, Jan; Rajput, Balram S.; Chen, Xia	The 2009 John H. Barrett Memorial Lectures	National Science Foundation	$15,250
COLLEGE OF BUSINESS ADMINISTRATION			
Murray, Matthew N.	Economic Report to the Governor - 2009	State of Tennessee	$185,346
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Brewer, Ernest W.	Upward Bound Math and Science Competition	US Department of Education	$297,034
Morrow, Jennifer Ann	Expressive Writing and Behavioral Monitoring Interventions	Old Dominion Research Foundation	$6,967
Stephens, Jean	Ovae Associates Initiative	Other private non-specified	$44,385
COLLEGE OF ENGINEERING			
Benson, Roberto S.	In-vivo Testing of a Calcium Deficient Hydroxyapatite-Bacterial Cellulose Composite	UT-Battelle, LLC-Oak Ridge National Laboratory	$14,515
Burton, Mark L.	Ohio River Basin, Regional Input/Output Analysis-Huntington District Corps of Engineers	Marshall University Research Corp	$190,000
Dongarra, Jack	Graduate Student Support for MPI-Related Work	UT-Battelle, LLC-Oak Ridge National Laboratory	$18,830
Han, Lee D.	License Plate Recognition (Phase B)	National Transportation Research Center, Incorporated	$124,997
Huang, Baoshan	Laboratory Evaluation of Polymer-Modified Pervious Concrete	Georgia Dept. of Transportation - Maintenance Division	$68,306

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AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR NOVEMBER 7–20, 2008 (CONT.)			
INVESTIGATOR	TITLE	SPONSOR	AWARD
McHargue, Carl J.	Computational Modeling of Radiation Effects in Structural Materials	UT-Battelle, LLC-Oak Ridge National Laboratory	$49,507
McHargue, Carl J.; Stewart, David Michael	Modeling And Simulation Studies In Support Of Nuclear Energy Systems	UT-Battelle, LLC-Oak Ridge National Laboratory	$58,300
Tolbert, Leon M.; Islam, Syed K.; Blalock, Benjamin J.	Highly Integrated Gate Drive for High Temperance Converters	UT-Battelle, LLC-Oak Ridge National Laboratory	$1,000
COLLEGE OF SOCIAL WORK			
Campbell, Paul M.; Black, Brenda J.	Adult Protective Services	TN Dept of Human Services	$227,600
Neely-Barnes, Susan Louise; Evans, Theora Anita	Examining the Role of Social Workers in an Acute Care Setting	Methodist Healthcare Foundation	$3,565
CAMPUS CENTERS & JOINT INSTITUTES			
Bell, Larry L.	Operational and Administrative Support for SAMAB Cooperative	Southern Appalachian Man and the Biosphere Foundation	$32,000
Bell, Larry L.	Complexation and Transformation of Contaminant Metals or Radionuclides in the Environment	UT-Battelle, LLC-Oak Ridge National Laboratory	$92,202
Bell, Larry L.	Non-Personnel Operational and Administrative Support for SAMAB Cooperative	Southern Appalachian Man and the Biosphere Foundation	$12,000
Bell, Larry L.; Alvic, Donald R.	OWIP/Building Equipment	UT-Battelle, LLC-Oak Ridge National Laboratory	$19,125
Ezzell, Timothy; Wilt, Catherine A.; Tonn, Bruce E.	The New Norris House: A Sustainable Home for the 21st Century	US Environmental Protection Agency	$5,000
Thonnard, Norbert	Laser Spectroscopy of Nanomaterials Synthesis and and Carbon Nanohorn Decoration for Hydrogen Storage	UT-Battelle, LLC-Oak Ridge National Laboratory	$16,111
Woods, Clifton	Agreement for Technical Support	Exxon Chemical Co.-Accts Payable-Polymers Licensing Mgr	$46,500

RECOGNITIONS

Dixie Thompson, professor and head of the Exercise, Sport and Leisure Studies department, recently graduated from the 2008 class of the Higher Education Resource Services (HERS) Bryn Mawr Summer Institute, held at Bryn Mawr College. The Summer Institute is a professional development program dedicated to the advancement of women leaders in higher education administration. Thompson's participation was sponsored by the Chancellor's Office. She was selected to represent UT Knoxville through a process facilitated by UT Commission for Women.

Jennifer Beals, associate professor in the UT Library, and former faculty member Ron Gilmour recently collaborated on an article chosen for the Emerald Literati Network High Commended Paper Award. The article, "Assessing Collections Using Brief Test and WorldCat Collection Analysis," originally appeared in the journal *Collection Building*.

The work of three UT researchers was recently featured at the inaugural Tennessee Innovation Conference, sponsored by the Tennessee Technology Development Corporation (TTDC) in Nashville. **Dayakar Penumadu**, professor and interim head of the Civil & Environmental Engineering department; **Jimmy Mays**, professor and distinguished scientist in the Chemistry department; and **Bill Hamel**, professor and head of the Mechanical, Aerospace and Biomedical Engineering department, each demonstrated research projects with great potential for commercialization. The conference highlighted the value of state support of technology-based economic development initiatives.

A textbook co-authored by **John Wachowicz**, professor of finance, has been reissued in its thirteenth edition, recognized nationally and internationally and translated into more than ten foreign languages. The book, *Fundamentals of Financial Management*, is used in finance classes around the world and is recommended reading by the Association of Chartered Certified Accountants and the national Certified Management Accountant examination.

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Laura Widman, doctoral student in psychology, is the recipient of a $1,000 research scholarship from the American Psychological Foundation. Widman and **Ellen Harvey Williams**, graduate student in psychology, are also recipients of American Psychological Association Dissertation Research Awards ($1,000 each).

WANTED: News & Nominations

The UT Office of Research is seeking research news and opportunities, scholarly and professional recognition, and nominations for "Scholar of the Week."

Send items for either *News & Opportunities* (the green newsletter) or *Awards & Recognition* (the gold newsletter) to Craig Cook (ccook10@utk.edu), preferably by the Wednesday preceding the expected publication date.

To nominate a colleague for "Scholar of the Week," send a note to Dennis McCarthy (dmmccarthy@utk.edu).

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For submissions or information, contact **Craig Cook** by e-mail at **ccook10@utk.edu** or call 865-974-3464. Archived online at **http://research.utk.edu/news**.