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Awards and Recognitions

Office of Research & Engagement

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Office of Research, Awards & Recognition, May 13, 2009

University of Tennessee Office of Research

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AWARDS AND RECOGNITIONS

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MAY 13, 2009

AWARDS FOR APRIL 24–MAY 7, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARTS & SCIENCES			
Emery, Joshua Patrick	Surface Characterizations of Icy Galilean Satellites	NASA - Headquarters Washington, DC	\$135,618
Feigerle, Charles S.	Ultrafast Laser Spectroscopy of Surfaces	UT-Battelle, LLC - ORNL	\$10,379
Johnstone, Patti Michele	Alexander Graham Bell 2009 Cochlear Implant Fellowship Program	AG Bell Association for the Deaf	\$15,000
Joy, David C.	Distinguished Scientist	UT-Battelle, LLC - ORNL	\$52,407
Moore, Todd; McNulty, James; Gordon, Kristina	Ecological Momentary Assessment of Relapse to Substance Use Following Treatment	NIH - National Institute on Drug Abuse	\$73,500
Peterson, Cynthia B.; Hodges, Carolyn R.; Fenwick, Bradley W.	Program for Excellence and Equity in Research (PEER)	NIH - National Institute of General Medical Sciences	\$604,727
Sangster, Mark Yeldham	University of Rochester Center of Excellence for Influenza Research	University of Rochester	\$149,134
Small, Pamela	Produce and Supply Mycolactones to the Buruli Ulcer Research Community	World Health Organization	\$12,000
Song, Ligu	Collaborative:GOALI /RUI Characterization & Modeling for Improved Performance of Batch Slurry Processes	E.I. DuPont De Nemours & Co. - Central Res. and Dev.	\$14,337
Tran, Liem Thanh	Hydrologic and Land-Cover Modeling Analysis for Future Landscapes and Ecosystem Services in the Midwestern United States	Tennessee Valley Authority	\$41,138
Wilhelm, Steven W.	Collaborative Research: Evaluating nutrient Reductions to Control Cyanobacteria and Ensure Large Lake Sustainability: Lake Taihu (China) as a Model	National Science Foundation	\$9,950
COLLEGE OF BUSINESS ADMINISTRATION			
Cathey, Amy E.	Graduate Student Support for Office of Performance Management	UT-Battelle, LLC - ORNL	\$23,972
Fox, William F.	TennCare Patient Satisfaction Survey	State of Tennessee	\$125,392
Riblett, John E.	Intergovernmental Personnel Act Agreement - Terry Balven	Air Force	\$150,000
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
French, Russell L.	Proposal to Conduct Comprehensive Evaluation (Efficacy Study) of Wiley Plus	John Wiley and Sons Higher Education	\$136,426
Raynor, Hollie	Reducing Snack Food Variety During Obesity Treatment	NIH - National Institute Diabetes, Digestive and Kidney Dis.	\$341,138
Tate, Jeremiah Jackson; Milner, Clare Elizabeth	The Effects of Jump-Training on Jump Landing Techniques in Recreational Female Athletes	TN Physical Therapy Association	\$500
White, Connie L.	Tennessee Reading First Professional Development and Data Support	TN Department of Education Head Start Collaboration Office	\$400,000
White, Connie L.; Vonarnim, Albrecht G.	Mechanisms of Regulated Protein Transport Between Nucleus and Cytoplasm	US Department of Energy Golden Field Office	\$29,000
COLLEGE OF ENGINEERING			
Alvic, Donald R.; Bell, Larry L.	Technical Support to ORNL/ESK (NASA-DAAC)	UT-Battelle, LLC - ORNL	\$35,000
Arimilli, Rao V.	Calc. Rev. & Development of Improved COMSOL-Based 2-D Thermal-Hydraulic Model for HFIR Core	UT-Battelle, LLC - ORNL	\$54,400
Cavin, Odis B.; Mchargue, Carl J.	Residual Stress Texture and Retained Austenite Characterization	UT-Battelle, LLC - ORNL	\$12,973
Dongarra, Jack	ITR: Virtual Grid Application Development Software (V-GRADS)	Rice University	\$90,000
Hall, Howard Lewis; Dodds, Harold L.	Governor's Chair Joint Appointment	UT-Battelle, LLC - ORNL	\$80,000
Hines, J. Wesley; Upadhyaya, Belle R.	Development and Application of Process Monitoring Techniques for Transfer Facility Safeguards	UT-Battelle, LLC - ORNL	\$40,000
Maldonado, Guillermo Ivan	Advanced Reactor Fuel Cycle Modeling	LANL - Accounts Payable	\$15,000
Mchargue, Carl J.	Computational Modeling of Radiation Effects in Structural Materials	UT-Battelle, LLC - ORNL	\$40,000
Newsom, Theodore J.	Statewide Van Project	First Tennessee Human Resource Agency	\$23,000

AWARDS FOR APRIL 24–MAY 7, 2009 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Nguyen, Ke	Modeling of Advanced Aftertreatment System of Light-Duty Diesel Vehicles	UT-Battelle, LLC - ORNL	\$16,632
Parang, Masood; Pippin, James T.	TN Louis Stokes Alliance for Minority Participation	Tennessee State University	\$77,648
Prowell, Stacy J.; Swain, William Thomas; Poore, Jesse H.	SNS Analysis Software Architecture and Prodess Definition	UT-Battelle, LLC - ORNL	\$78,750
CAMPUS CENTERS & JOINT INSTITUTES			
Bell, Larry L.	Bioconversion of Fuels and Chemicals	UT-Battelle, LLC - ORNL	\$7,000
Nichols, Jeffrey	Updating and Augmentation of NCCS Training Materials	UT-Battelle, LLC - ORNL	\$12,617
Thonnard, Norbert	Laser Spectroscopy of Nanomaterials Synthesis and Carbon Nanohorn Decoration for Hydrogen Storage	UT-Battelle, LLC - ORNL	\$18,868

RECOGNITIONS

Hamparsum Bozdogan, Toby & Brenda McKenzie Professor in the Department of Statistics, Operations and Management Science, has been invited to speak at the 5th International Biostatistics Conference in Istanbul, Turkey. Bozdogan will present his research on "Computer-Aided Detection of Breast Cancer Using Probabilistic Kernel Discriminant Analysis and Information Complexity."

Bonnie Callen, assistant professor in the College of Nursing, has won a Fulbright Award and will be teaching and conducting research at the Catherine McAuley School of Nursing and Midwifery at University College in Cork, Ireland.

Chris Holmlund, professor in the Department of Modern Foreign Languages and Literatures and the Cinema Studies Program, recently spoke at the third annual Midwest Undergraduate Film Conference hosted by Notre Dame University. Holmlund gave the keynote address "Jackie Chan and the Art of Aging in Action."

Pravda, Slovakia's oldest national newspaper, published a two-page color spread on the recent work of **Daniel H. Magilow**, assistant professor of German in the Department of Modern Foreign Languages and Literatures. The article, translated "A Wartime Sensation: Slovakia has its own Anne Frank," appeared in the April 4, 2009, edition of the paper's weekend magazine. It discussed Dr. Magilow's recent book *In Her Father's Eyes: A Childhood Extinguished by the Holocaust*, a translated edition of a baby book (written in German) that traces a young Slovak girl's life from her birth in Bratislava in 1929 until the family's deportation to a Nazi death camp in 1942.

Fritz G. Polite, clinical assistant professor of Exercise, Sport and Leisure Studies, has been selected to present his paper "Social Responsibility and Accountability in Sport" at the Global Sport Conference at the University De Oveido in Gijon, Spain.

Thomas Riesing, professor in the School of Art, recently received the 2009 Alumni Achievement Award in Art and Art History at the University of Nebraska. Riesing has also been appointed Guest Professor at Beihang University in Beijing, China where he will be teaching painting this spring.

Susan Speraw, associate professor in the College of Nursing, received the 2009 Jefferson Prize at the Chancellor's Honors Banquet. Speraw was recognized for her creativity in conceptualizing and designing the college's Homeland Security nursing program. Named after President Thomas Jefferson, the prize honors a UT faculty member who has been dedicated to the pursuit of freedom and knowledge.

Rickey Fayne Jr., a junior in the English department, has been accepted to participate in the Summer Institute for Literary and Cultural Studies (SILCS) to study literary and cultural theory and learn from a number of top scholars.

Erin O'Brien, a graduating senior in French, was recently chosen by the Alliance Française of Nashville to be an intern in Deauville, France, teaching English to French elementary school students.

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William Bradley O'Dell, graduating senior in the College Scholars program, has been accepted into the prestigious NIH-Oxford-Cambridge Scholars Program to work on his doctorate in biochemistry at Cambridge and conduct research at the National Institutes of Health (NIH).

Alaina Willet, undergraduate student in biological sciences, recently won grant funding from the American Society of Plant Biologists 2009 Summer Undergraduate Research Fellowship program for her project entitled "Research of Arabidopsis plant to Find New Components of ERECTA Signaling Pathway through EMS Screen for Mutants."

A team of students and faculty from the College of Architecture and Design and UT's Institute for a Secure and Sustainable Environment (ISSE) have won a top award in the Environmental Protection Agency's National Sustainable Design Expo in Washington, D.C. The project, "The New Norris House: A Sustainable Home for the 21st Century," won a \$75,000 award from the EPA. **Tim Ezzell** from ISSE and **Tricia Stuth**, assistant professor in the college, mentored the winning team of students. A second team of UT chemical engineering students won an honorable mention for a project reusing waste from the production of biodiesel fuel. UT faculty **Paul Frymier**, **Robert Counce** and **Charles Moore** (emeritus) mentored that team.

License Disclosures for April 2009

1. Automated decision support for DNA typing—John D. Birdwell, Tse-Wei Wang and Ranajit Chakraborty
2. Prediction of object properties using efficient similarity-based information retrieval and modeling—John D. Birdwell and Tse-Wei Wang
3. Method of dispersing fibers coming out of the die and forming fluffy uniform meltblown or spunbond fabrics—Peter P. Tsai, Clifton Woods III and Jack L. Wyrick
4. A novel neural implant design—Christopher P. Stephens, Wei He, Bin Hu, Roberto S. Benson and David K. White