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Awards and Recognitions

Office of Research & Engagement

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4-15-2009

## Office of Research, Awards & Recognition, April 15, 2009

University of Tennessee Office of Research

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## AWARDS AND RECOGNITIONS

APRIL 15, 2009

### AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR MARCH 27–APRIL 9, 2009

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Clark, Michael	First Tennessee Tennmaps Earth and Environmental Sciences Partnership	TN Dept of Education	\$305,611
Dadmun, Mark	Joint Faculty	UT-Battelle, LLC-ORNL	\$79,116
Dagotto, Elbio Ruben	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,250
Decorse, Elizabeth Kellar	Continued Archaeological Investigation of Structure I at Site 31SW393, Smokemont, Swain County	Eastern Band of Cherokee Indians	\$41,615
Dolislager, Fredrick Gary; Stewart, Debra Jean; Gross, Louis J.	Risk Integration Support for FY 08, WR 58, Rev 000	Bechtel Jacobs Company, LLC - Accounts Payable	\$4,167
Efremenko, Yuri V.	Joint Faculty	UT-Battelle, LLC-ORNL	\$19,505
Gordon, Kristina Coop	En-Pareja: A Latino Couples Intervention to Help Expectant Fathers Quit Smoking	Duke University Medical Center Office of Grants and Contracts	\$36,452
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis of an Additional Sample from 9FN341, Fannin County, Georgia	Brockington and Associates	\$266
Hollenbach, Kandace Renee	Paleoethnobotanical Analysis of 41HY163, Hays County, Texas	Texas State University	\$4,500
Jain, Nitin	Structure-Function Studies of Endotoxin Receptor CD14	NIH - National Institute of Allergy & Infectious Diseases	\$242,774
Joy, David C	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$105,000
McSween, Harry Y.	Meteorite Petrogenesis	NASA - Headquarters Washington, DC	\$131,000
Papenbrock, Thomas	Joint Faculty	UT-Battelle, LLC-ORNL	\$47,974
Peterson, Cynthia B.	Research Associate - David Durtschi	UT-Battelle, LLC-ORNL	\$38,831
Schweitzer, Jennifer Ann; Bailey, Joseph Kenneth	Are There Evolutionary Consequences of Genetic-Based Feedbacks Between Plants and Soils?	National Science Foundation	\$7,000
Sepaniak, Michael J.	Microcantilever Transducers: Hydrogen Detection	UT-Battelle, LLC-ORNL	\$19,517
Sparer, Tim E.	Viral Chemokine Alteration of Neutrophil Functions	NIH	\$256,714
Venkatachalam, Sundaresan	Chromatin Remodeling Specific Interactions of ATM	NIH - National Institute of General Medical Sciences	\$66,150
Zhang, Zhenyu	Predictive Modeling of the Formation and Properties of Energy Relevant Thin Films and Nanostructures	Ames Laboratory	\$163,296
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Benner, Susan Mclean	Special Education Improvement Grant (SIG)	TN Dept of Education - Division of Special Education	\$250,000
Kim, Jung H.	Genetics of Diet-Induced Obesity in a New Mouse Model	US Department of Health & Human Services	\$1,470
Spence, Marsha Lynn	Training Tomorrow's Public Health Nutrition Leaders: Revision of Strategies for Success	Clinton City Schools	\$3,292
<b>COLLEGE OF ENGINEERING</b>			
Alvic, Donald R.; Bell, Larry L.	Technical Support to ORNL/ESK (NASA-DAAC)	UT-Battelle, LLC-ORNL	\$25,000
Birdwell, John D.; Wang, Tse-Wei	Searchable Database	UNISYS Corporation c/o Accounts Payable	\$373,523
Counce, Robert M.	Estimate or Extrapolate Fundamental Property Information	UT-Battelle, LLC-ORNL	\$9,996
Dongarra, Jack	International Exascale Software Workshop for Scientific Computing	National Science Foundation	\$49,980
Egami, Takeshi	Distinguished Scientist	UT-Battelle, LLC-ORNL	\$60,306
Gribok, Andrei V.	Data Mining and Machine-Learning for Analysis of Large Databases	US Army Medical Res, MCMR-AAA-V Acquisition Activity	\$154,283
Heilbronn, Lawrence Harvey	Spacecraft and Habitat Shielding Materials Test	Plasma Processes, Inc.	\$10,000
Kalyanaraman, Ramakrishnan	Magnetic Anisotropy in Nanoscale Systems Produced by Fast Laser Processing: Fundamental Mechanism	National Science Foundation	\$90,000
Khomami, Bamin	Interfacial Dynamics in Displacement Flows of Entangled Polymeric Fluids	National Science Foundation	\$136,325

## AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR MAR. 27–APR. 9, 2009 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
Mchargue, Carl J.; Barabash, Rozaliya I.	X-Ray Diffuse Scattering- 2	UT-Battelle, LLC-ORNL	\$54,375
Newsom, Theodore J.	Statewide Van Project	Deliverance Temple Ministries	\$25,000
Tolbert, Leon M.; Wang, Xiaorui; Qi, Hairong; Li, Fangxing; Islam, Syed K.	Power Electronics Evaluation for DER and T & D	UT-Battelle, LLC-ORNL	\$100,000
Townsend, Lawrence W.	Lunar Reconnaissance Orbiter	Boston University	\$57,474
CAMPUS CENTERS & JOINT INSTITUTES			
Parker, Jack	Practical Cost-Optimization of Characterization and Remediation Decisions at DNAPL Sites with Consideration of Prediction Uncertainty	US Army Corps of Engineers	\$435,775
Zacharia, Thomas	Development of Electronic Structure Methods (DFT) for Transition Metal Oxide Systems	UT-Battelle, LLC-ORNL	\$31,340
Zacharia, Thomas	Annotation and Analysis of Genomic Data	UT-Battelle, LLC-ORNL	\$35,625

## RECOGNITIONS

**Daryl Armentrout**, adjunct lecturer in the Department of Civil and Environmental Engineering, was named a Top Finalist for the Federal Engineer of the Year Award by the National Society of Professional Engineers. Armentrout is a senior specialist with the Tennessee Valley Authority in Knoxville currently working on reducing the environmental footprint of TVA.

**Doug Blaze**, dean of the UT Knoxville College of Law, is part of the new statewide Access to Justice Commission created by the Tennessee Supreme Court to help address the state's growing crisis in civil legal needs.

**William J. Dewey**, associate professor in the School of Art, has been named a Fulbright Scholar to the Swaziland National Museum, where he will help the museum with documentation and the development of educational materials. His research will focus on the art of traditional Swazi blacksmiths and woodcarvers.

**Stanton B. Garner Jr.**, professor of English, along with co-authors J. Ellen Gainer of Cornell University and Martin Puchner of Columbia University have produced *The Norton Anthology of Drama*. This two-volume set is the first of its kind to join the prestigious Norton Anthology series used in colleges and universities around the world.

**Carol Harden**, professor of geography, was elected president of the Association of American Geographers. Harden's research focuses on the interaction of people and watersheds, notably in East Tennessee and in the Andes Mountains of South America.

**Felicia H. (Felder) Hoehne**, professor/research librarian at Hodges Library, recently received the ADOPT-A-PARK Award from Knox County Mayor Michael R. Ragsdale.

**Don Hough**, retired music professor and trombone teacher, received the Neill Humfeld Award for Excellence in Teaching from the International Trombone Association.

**La Vinia Jennings**, associate professor of English, received the College Language Association's Outstanding Book Award for her book *Toni Morrison and the Idea of Africa*. The CLA is the primary organization of African American literary and language professors.

**Erec R. Koch**, professor of French and head of the Modern Foreign Languages and Literatures department, delivered an invited lecture at the doctoral seminar on the epistolary genre in seventeenth-century France, Centre d'étude de la langue et la littérature françaises des XVIIe et XVIIIe siècles, Université Paris-Sorbonne/CNRS. Koch discussed the interrelation of philosophy and literature in philosopher René Descartes' correspondence with Princess Elisabeth of Bohemia.

<http://research.utk.edu>

**Bruce MacLennan**, associate professor in the Department of Electrical Engineering and Computer Science, gave an invited talk "A Model of Embodied Computation Oriented Toward Artificial Morphogenesis" at The Science and Philosophy of Unconventional Computing conference held at Cambridge University.

**Jered Sprecher**, assistant professor in the School of Art, has been chosen for a 2009 John Simon Guggenheim Fellowship, one of the most prestigious awards in arts, humanities and sciences. Sprecher will use his grant to free up time and assist with the costs of creating a series of large-scale paintings.

The **College of Business Administration** is ranked second in the world by Transportation Journal for research done by its supply chain/logistics faculty. The ranking is based on the number of times faculty from top institutions authored or co-authored articles in eight leading logistics, supply chain management and transportation journals.

The **IEEE Robotics Team** representing the University of Tennessee placed second in the 2009 SoutheastCon Robotics Competition. A total of 44 teams from schools around the southeast participated in the event.

The **2009 Exhibition of Undergraduate Research and Creative Activity** (EURēCA) was held April 1 and 2 with 250 participants presenting 183 projects. To see the divisional and special awards winners, visit [http://research.utk.edu/eurca/winners\\_09.shtml](http://research.utk.edu/eurca/winners_09.shtml)

### 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).