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THE UNIVERSITY of TENNESSEE UT KNOXVILLE

Awards and Recognitions

http://research.utk.edu JUNE 9, 2010

AWARDS FOR MAY 14–JUNE 3, 2010

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARCHITECTURE & DESIGN			
Stach, Edgar	Solar Decathlon	UT-Battelle - ORNL	$20,000
COLLEGE OF ARTS & SCIENCES			
Best, Michael Douglas	CAREER: Chemical Approaches to the Investigation of Protein-Lipid Binding	National Science Foundation	$192,660
Bingham, Carrol; Grzywacz, Robert Kazimierz; Grzywacz-Jones, Katherine; Jones, Kate; Riedinger, Leo; Stone, Nicholas	Nuclear Spectroscopy Studies with Radioactive and Stable Ion Beams	US Department of Energy - Golden Field Office	$400,000
Classen, Aimee Taylor	Collaborative Research: Fungal Responses to Warming Will Shape Decomposition in Eastern	UT-Battelle - ORNL	$56,113
Decorse, Elizabeth Kellar	Phase I Resources Survey of Lake Site Public Park Easement Area, Hamilton County, Tennessee	Tennessee Valley Authority	$11,340
Drake, Dawn M.	Geographic Manifestations of Business and Management Models: A Case Study of the North American Farm Machinery Industry (Doctoral Dissertation Resear)	Canadian Embassy - Academic Relations Program	$3,865
Graham, David E.	Coenzyme B and Acetamidosugar Biosynthesis in Methanogens	National Science Foundation	$160,000
Greene, Geoffrey L.	Experimental Weak Interactions With Pulsed and Continuous Cold Neutrons	US Department of Energy - Golden Field Office	$255,000
Nebenfuehr, Andreas	Myosin Functions in Root Hairs	National Science Foundation	$174,500
Peterson, Cynthia; Fenwick, Bradley; Hodges, Carolyn	Program for Excellence and Equity in Research (PEER)	NIH - National Institute of General Medical Sciences	$938,826
Sorensen, Soren P.; Read, Kenneth F.	Studies of Hot and Dense Nuclear Matter	US Department of Energy - Golden Field Office	$285,000
Stuart, Gregory Lyal	Brief Intervention to Reduce Drinking and Intimate Partner Violence in Women	NIH - National Institute on Alcohol Abuse and Alcoholism	$457,191
Taylor, Lawrence A.; Liu, Yang	Lunar Aerosol Dust Toxicology Advisory Group: Lunar Dust Characterization	NASA - Headquarters Washington, DC	$100,000
COLLEGE OF BUSINESS ADMINISTRATION			
Cathey, Amy E.	Social Media Pilot Demonstration Development	Babcock & Wilcox Technical Services	$57,978
Fox, William F.; Luna, Leann; Murray, Matthew N.	Job Market Projections and Supply/Demand Analysis	Tennessee Higher Education Commission	$75,000
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Benner, Susan Mclean; Duckett, Kermit E.	Basic Aerospace Education Workshop	TN Department of Transportation - Aeronautics Division	$42,000
Brewer, Ernest W.	TDHS/Summer Food - Academic Enrichment Upward Bound (AEUB)	State of Tennessee	$4,953
Brewer, Ernest W.	TDHS/Summer Food - Math and Science Center (MSC)	State of Tennessee	$4,953
Brewer, Ernest W.	TDHS/Summer Food - Pre-College Upward Bound (PCUB)	State of Tennessee	$4,953
Coleman-Lopatic, Marion; Bell, Sherry; Cihak, David	AT (Assistive Technology) at UT	TN Department of Education	$5,000
Fussell, Elizabeth M.	Self-Determination and Career Planning Approach	TN Department of Education - Division of Special Education	$34,650
Haughton, Betsy; Spence, Marsha Lynn	Public Health Nutrition Leadership Education and Training for a Healthy MCH Population	Health Resources and Services Administration	$172,741
Peccolo, Dulcie L.; Stokes, Jamia Wiley	Diversity in Teaching Intern Project (AY 2009-2011)	Tennessee Higher Education Commission	$100,000
Spence, Marsha Lynn	Training Tomorrow's Public Health Nutrition Leaders: Revision of Strategies for Success	Clinton City Schools	$3,534
Thompson, Dixie Lee; Steeves, Jeremy Adam	Can America's Top Sedentary Activity Be Made More Active?	American College of Sports Medicine	$5,000
Zemel, Michael B.	Effects of Polyphenolic Nutraceutical Compounds on Mitochondrial Biogenesis and Function	Shaklee Corporation	$62,938

AWARDS FOR MAY 14–JUNE 3, 2010 (CONT.)			
INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ENGINEERING			
Gao, Yanfei	Directed Self-Assembly and Film Growth of Superconductors and Other Oxides	UT-Battelle - ORNL	$4,296
Gregor, Jens	Software Implementation for the Measurement of Cerebral Aneurysm Dimensions	Dr. Keith Woodward	$5,000
Huang, Jian	Agile Development of Data Analysis Tools for Neutron Scattering Sciences	UT-Battelle - ORNL	$5,825
Irick, David; Madhukar, Madhu	ITER Magnet Systems Development	UT-Battelle - ORNL	$1,936,699
Komistek, Richard David	In vivo Mechanics Analysis for Subjects having a Medial Pivot TKA or a Normal Knee	Wright Medical Tech, Inc.	$3,885
Li, Fangxing	Distributed Energy Communications and Control (DECC) Test Project	UT-Battelle - ORNL	$26,000
McHargue, Carl J.	Mechanical Properties of Nuclear Materials	UT-Battelle - ORNL	$25,000
Newsom, Theodore J.	Statewide Van Transportation Contract	Greater Faith Christian Ministries	$28,000
Paddison, Stephen John	Solid State Proton Conductors 15	US Army Research Office	$7,000
Sawhney, Rapinder S.	Statistical Analysis and Modeling Support for Transportation Research at ORNL	UT-Battelle - ORNL	$51,262
Schwartz, John Steven	Improve The Park's Understanding of its Natural Resources and Natural Processes	US Department of the Interior - NPS - Great Smoky Mountains National Park	$115,000
Tolbert, Leon M.; Blalock, Benjamin J.; Islam, Syed K.	Highly Integrated Gate Drive for High Temperature Converters	UT-Battelle - ORNL	$55,000
CAMPUS CENTERS & JOINT INSTITUTES			
Bell, Larry L.	Microorganisms for Production of Ethanol and Other Chemicals from Biomass	UT-Battelle - ORNL	$23,318
Fulkerson, William	Secretariat to the Laboratory Energy R&D Working Group (LERDWG)	Brookhaven National Laboratory	$5,000
Fulkerson, William	Secretariat to the Laboratory Energy R&D Working Group (LERDWG)	Princeton Plasma Physics Laboratory	$2,000
Pfiffner, Susan M.	Mobile Underground Laboratory for Experimentation (MULE)	Carnegie Institute	$7,500
Poore, Jesse H.; Baudry, Jerome; Jouline, Igor Borisovich	Computational Genomics of Signal Transduction	NIH - National Institute of General Medical Sciences	$280,934
Thonnard, Norbert	Laser Spectroscopy of Nanomaterials Synthesis and Carbon Nanohorn Decoration for Hydrogen Storage	UT-Battelle - ORNL	$47,152
Vazhkudai, Sudharshan Sankaran	Collaborative Research: Dynamic Staging Architecture for Accelerating I/O Pipelines	National Science Foundation	$448,290

RECOGNITIONS

Robert French, assistant professor in the College of Architecture and Design, has received the H. Patrick Lawson Faculty Teaching Award. French, who has taught in the college for nearly 22 years, was also recognized with an Outstanding Teacher Award at the Chancellor's Honors Banquet.

Fritz Polite, director of the Institute for Leadership, Ethics and Diversity, was recently selected to participate in the Wharton Black Scholars Roundtable II Symposium, sponsored by the Wharton Sport Business Initiative at the University of Pennsylvania. The symposium focused on developing a national agenda to address the past, present and future role of the black athlete in professional and collegiate athletics.

Marketplace Live, a business simulation program, has received a Brandon Hall Silver Award for Excellence in Learning Technology in the category of Best Advance in 3-D or Immersive Learning Technology. The system was developed by **Ernie Cadotte**, professor of marketing, as a way to engage students by blending textbooks, lectures, games, and movies.

Asia Dixon, a senior architecture student, has won the Gensler African American Internship and Scholarship Competition. Dixon competed against architecture and design students from across the country and was awarded a scholarship for her fifth year in the architecture program and a paid summer internship at one of Gensler's regional offices.

Michael Jungwirth, junior in the College Scholars program, and **Nathan Stebbins**, junior in biochemistry and cellular and molecular biology, have each received scholarships from the Goldwater Foundation for their final year at UT. **Lauren Johnson**, junior in chemistry and chemical engineering, received an honorable mention. The Barry M. Goldwater Scholarships are awarded yearly to sophomores and juniors who are pursuing careers in research in mathematics, the natural sciences and engineering.

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 & Recognitions* (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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