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Office of Research & Engagement

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University of Tennessee Office of Research

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AWARDS AND RECOGNITIONS

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JULY 18, 2012

AWARDS FOR JUNE 23–JULY 7, 2012

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ARCHITECTURE & DESIGN			
Collett, Bradford; McCown, Kenneth; Wall, Scott	Low Impact Storm Water Management for the Knoxville MSA	Knoxville/Knox County-Metropolitan Planning Commission	\$48,976
COLLEGE OF ARTS & SCIENCES			
Bruce, Barry	A Light-activated Cellular Prosthesis Based on Photovoltaic Nanoswitches	Huntington Medical Research Inst.	\$20,000
Butefish, Kurt	Operating Funds for the Tennessee Geographic Alliance	Tennessee Geographic Alliance	\$95,864
Cyr, Howard	Geoarchaeological field consultation for the Lake Craig Flood Reduction Project	TRC, Incorporated	\$1,784
Dai, Sheng	Collaborative: Investigation of Electrocatalytic Trends on Core/Shell Structured	National Science Foundation	\$30,000
Dolislager, F.; Galloway, L.; Gross, L.; Stewart, D.	Risk Integration Support for FY 2012 WR63, Rev 000	DOE - URS CH2M Oak Ridge LLC (UCOR)	\$2,596
Efremenko, Yuri	Search for the Neutrino Less of Double Beta Decay	US Department of Energy	\$86,000
Feng, Xiaobing	Numerical Methods and Algorithms for Fully Nonlinear Second Order Evolution	National Science Foundation	\$75,530
Grzywacz, R.; Bingham, C.; Grzywacz-Jones, K.; Riedinger, L.	Nuclear Spectroscopy Studies with Radioactive and Stable Ion Beams	US Department of Energy	\$420,000
Hatcher, Robert	Two-Year Collaborative Research Project to Assess Large Earthquake Seismology	Nuclear Regulatory Commission	\$394,706
Hix, William	Accelerating Leadership-Class Astrophysics Codes on GPU Architectures	DOE - UT-Battelle - ORNL	\$41,692
Hollenbach, Kandace	Subsistence Analyses of the Big Greenwood Island Site (22JA516), Bayou Cassotte	Brockington Associates	\$2,897
McSween, Harry	Meteorite Petrogenesis	NASA - Headquarters	\$50,000
Mikucki, Jill	MIDGE: Minimally Invasive Direct Glacial Exploration of Biogeochemistry	National Science Foundation	\$373,277
Moore, Todd	Practicum Experience for Clinical Psychology Graduate Students	Cherokee Health Systems	\$70,000
Musfeldt, Janice	High Pressure Properties of Materials	American Chemical Society	\$100,000
O'Meara, Brian	The iPlant Collaborative: A Cyberinfrastructure-Centered Community for a New Plant Biology	University of Arizona Department of Physics	\$98,252
Riding, Robert	Confidential	Confidential	\$310,000
Roberts, D.; Vonarnim, A.	Nodulin Intrinsic Proteins at the Plant-microbe Symbiotic Interface	National Science Foundation	\$210,824
Shen, Tongye	Organic Solvent-Specific Gating Motions of an Extremophilic Lipase Examined	American Chemical Society Petroleum Research Fund	\$100,000
Smith, Jeremy; Guo, Hong	Molecular Mechanisms of Bacterial Mercury Transformation	US Department of Energy	\$188,555
Steadman, Dawnie	Biometric Data Collection	DOE - UT-Battelle - ORNL	\$4,000
Steadman, Dawnie	Subcontract - University of South Carolina	University of South Carolina	\$7,848
Yerka, Stephen	Geophysical Survey at a Possible Confederate Burial Site, Parkers Crossroads	Tennessee Department of Environment and Conservation	\$2,200
Yerka, Stephen	Geophysical Survey for TBI, June 2012	Tennessee Bureau of Investigation	\$1,270
COLLEGE OF BUSINESS ADMINISTRATION			
Bruce, Donald; Fox, William	Families First	TN Department of Human Services	\$225,000
Stewart, Joseph	Air Force Acquisition Improvement Support - IDIQ	Department of the Air Force	\$250,000
COLLEGE OF COMMUNICATION AND INFORMATION			
Suttles, Barbara	Support for the Genome Management Information System	DOE - UT-Battelle - ORNL	\$53,992
COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES			
Cowherd, S.; Mulligan, G.	DRS/CIETAT	TN Department of Human Services	\$792,400
Haughton, B.; Chen, G.; Colby, S.; Collier, J.; Fitzhugh, E.; Fouts, H.; Hansen-Petrik, M.; Kavanagh, K.; Raynor, H.; Spence, M.; Wetherall, K.; Whelan, J.; Zhao, L.	Public Health Nutrition Leadership Education and Training for a Healthy MCH Population	DHHS - Health Resources and Services Administration	\$169,511
Morse, Stephen	The Economic Impact of Whitewater Rafting on the Ocoee River on the Area Economy	America Outdoors Association	\$6,750
Smith, David	Newborn Hearing Program 12-13	TN Department of Health	\$151,000
White, Connie	Tennessee Reading First Professional Development and Data Support	TN Department of Education - Head Start Collaboration Office	\$5,105,484
Zhao, Ling	Role of Nucleotide-Binding and Oligomerization Domain Containing Protein (NOD) 1	Allen Foundation Inc	\$49,996

AWARDS FOR JUNE 23–JULY 7, 2012 (CONT.)

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF ENGINEERING			
Baker, Allen; Wong, Kwai	Confidential	Confidential	\$9,000
Egami, T.; Hopkins, J.; Mays, J.; Smith, J.; Sokolov, A.	Neutron Scattering Research Network for EPSCoR States	DOE - US Dept. of Energy	\$1,223,370
Hayward, Jason	Research and Development of Nuclear Materials Identification	DOE - UT-Battelle - ORNL	\$9,453
Heilbronn, Lawrence	Nuclear Energy Fellowship/Scholarship Program	DOE - US Dept. of Energy	\$185,000
Li, Fangxing	GPU-based Matrix Condensation with Sparse Matrix Technique for Power System	National Science Foundation	\$12,000
Liu, Yilu	Enhancement and Integration of Location of Disturbance	Electric Power Research Institute	\$20,000
Maldonado, Guillermo	High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor	DOE - UT-Battelle - ORNL	\$30,000
Penumadu, Dayakar	Multi-Scale Penetration Mechanics of Projectiles through Granular Media	DOD - Department of Defense	\$366,199
Rack, Philip	Laser Irradiance Measurement on Targets (LIMT) Irradiance Sensor	Aegis Technologies Group Inc.	\$40,000
Ray, William	Viability of Stochastic Parallel Gradient Descent Algorithms in Extremely Large	Defense Advanced Res Proj Agcy	\$34,950
Reinbolt, Jeffrey	Functional Inverse Kinematics and Scaling (FIKS) Software Development	Stanford University GCEP	\$25,000
Sawhney, Rapinder	An Optimization Model for Packaging Meal, Ready-to-Eat	UT Institute of Agriculture	\$72,796
Tomsovic, K.; Li, F.; Liu, Y.; Tolbert, L.; Wang, F.	Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network	Dominion Power	\$50,000
Townsend, Lawrence	Additional Improvements to the HZETRN Code and the NUCFRG2 Database	NASA - Langley Research Center	\$63,000
Wang, Shanfeng	Preparation and Applications of Novel Protective Coating Materials for Hydraulic	Changjiang River Scientific Institute	\$110,988
Zhang, Zhili	Real Time Quantum Imaging via Compressive Sampling	DOE - UT-Battelle - ORNL	\$4,000
COLLEGE OF NURSING			
Bell, Donald	Expanding the Nurse Anesthesia Program to Increase Access to Quality for the Rural and Underserved	DHHS - Health Resources and Services Administration	\$336,996
Bell, Donald	Nurse Anesthesia Traineeship Grant 2012	DHHS - Health Resources and Services Administration	\$13,730
Speraw, Susan	Global/Disaster Nursing: Homeland Security Nursing Refined	DHHS - Administration for Children and Families	\$257,941
COLLEGE OF SOCIAL WORK			
Campbell, Paul	Clear Wrap	TN Department of Human Services	\$179,400
Campbell, Paul	TN Child Support Employment and Parenting Program (4th District) FY 2012	TN Department of Human Services - Community Services Agency	\$375,424
Campbell, Paul	CSSEP Knox 6th District FY13	TN Department of Human Services	\$227,100
Patterson, David	Catholic Charities 2012 Matching Funds	Catholic Charities, Inc.	\$1,000
Patterson, David	KARM 2012 Matching Funds for Knox HUD/HMIS	Knox Area Rescue Ministries	\$4,000
Wodarski, John	HIV/AIDS and Substance Abuse Primary Prevention in Minority Adolescents	DHHS - Substance Abuse and Mental Health Services	\$335,333
CAMPUS CENTERS & INSTITUTES			
Harrison, Robert	Fabrication and Testing of Novel Sources of Entangled Photons	DOE - UT-Battelle - ORNL	\$13,135
Harrison, Robert	Blue Waters Petascale Project Subcontract Year 1	Univ. of Illinois at Urbana-Champaign	\$518,578
OTHER			
Reed, Sandra	NSF Graduate Research Fellowship Program	National Science Foundation	\$163,295
Woods, Clifton	Agreement for Technical Support	Exxon Chemical Co.	\$56,000

RECOGNITIONS

Fritz Polite, clinical assistant professor of sport management, is president-elect of the North American Society for the Sociology of Sport. Polite is founding director of the Institute for Leadership, Ethics, and Diversity in the College of Education, Health, and Human Sciences.

Evan Meaney, assistant professor of 4-D and design in the School of Art, won the Barbara Aronofsky Latham Award for Emerging Experimental Video Artist at the Ann Arbor Film Festival.

Dan Simberloff, Gore-Hunger Professor of Environmental Studies in ecology and evolutionary biology has won the 2012 Ramon Margalef Award for Ecology. The award, named for one of the founders of modern ecological studies, is presented in recognition of an exceptional scientific career in ecology and environmental sciences.

Tomasi Casagrande and **Carly Mills Kramer**, students in the College of Law, provided the supporting memorandum for a June 2012 opinion by the Tennessee Attorney General that outlines the legal framework permitting 17-year-old students to complete a GED program if they are at risk of failing to graduate from high school.