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Awards and Recognitions

Office of Research & Engagement

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8-25-2010

## Office of Research, Awards & Recognition, August 25, 2010

University of Tennessee Office of Research

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## AWARDS AND RECOGNITIONS

<http://research.utk.edu>

AUGUST 25, 2010

### AWARDS FOR AUGUST 6–19, 2010

INVESTIGATOR	TITLE	SPONSOR	AWARD
<b>COLLEGE OF ARTS &amp; SCIENCES</b>			
Alexiades, Vasilios	UT/ORNL Graduate Student Agreement Request for George Butler in Mathematics	UT-Battelle	\$38,342
Becker, Jeffrey	Peptide-Cell Interactions in <i>Saccharomyces cerevisiae</i>	National Institute of Health	\$667,164
Breinig, Marianne	UT Research Assistant - Accelerator Physics	UT-Battelle	\$40,436
Butefish, Kurt	Operating Funds for the Tennessee Geographic Alliance	Tennessee Geographic Alliance	\$92,763
Dai, Sheng	Collaborative: Investigation of Electrocatalytic Trends on Core/Shell Structured Palladium Bimetallic Surfaces for Renewable Energy Research	National Science Foundation	\$30,000
Emery, Joshua	Near-Infrared Spectroscopy and Photometry of Primitive Asteroids	NASA	\$68,731
Feng, Xiaobing	Numerical Methods and Algorithms for Fully Nonlinear Second Order Evolution Equations with Applications	National Science Foundation	\$76,601
Finkelstein, David	Collaborative Research: Geochemical and Isotopic Time-Series of Marine and Terrestrial Degradation of Petroleum in the 2010 Gulf of Mexico Oil Spill	National Science Foundation	\$65,531
Gross, Louis	National Institute for Mathematical and Biological Synthesis (NIMBioS)	National Science Foundation	\$3,500,000
Inwood, Joshua	Righting Unrightable Wrongs: Legacies of Racial Violence in the U.S. South	National Science Foundation	\$164,700
Jones, Kate	Spectroscopic Studies Close to 100SN and 132SN Using Direct Reactions and Gamma-Ray Measurements	US Dept. of Energy	\$100,000
Kilbey, Sidney	Impact of Chain Rigidity on Self-Assembled Structure and Dynamics	US Dept. of Defense	\$50,000
Malinckrodt, Brent	Practicum Experience in Clinical Psychology for Students	Cherokee Health Systems	\$10,000
McSween, Harry	THEMIS Science Team	Arizona State University	\$75,000
Musfeldt, Janice	Spectroscopic Investigation of Novel Electronic and Magnetic Solids	US Dept. of Energy	\$135,000
Nazarewicz, Witold	Microscopic Description of the Fission Process	US Dept. of Energy	\$150,000
Stephenson, Kenneth	2010 Barrett Memorial Lectures, Discrete Differential Geometry and Applications	Univ. of Minnesota	\$4,000
von Arnim, Albrecht	Graduate Research Assistant - Sukanya Iyer	UT-Battelle	\$37,582
Weitering, Hanno	Electron and Lattice Dynamics Across Phase Transitions in Triangular Lattices and Atom Chains on Surfaces	National Science Foundation	\$120,000
Welsh, Deborah	Practicum Experience in Clinical Psychology for Students	Cherokee Health Systems	\$2,916
Welsh, Deborah	Practicum Experience in Clinical Psychology for Students	Cornerstone of Recovery	\$12,000
Zhang, Zhenyu	Experimental and Theoretical Studies of Metallic Nano-Plasmonic Material	UT-Battelle	\$18,000
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>			
Bruce, Donald	Families First Cast Characteristics Study	TN Dept. of Health and Human Services	\$123,078
Bruce, Donald	Families First, Research, Evaluation and Forecasting	TN Dept. of Human Services	\$225,000
<b>COLLEGE OF EDUCATION, HEALTH &amp; HUMAN SCIENCES</b>			
Brewer, Ernest	Veterans Upward Bound	US Dept. of Education	\$315,916
Chen, Jiangang; Whelan, Jay	Development of Ers Mediated Bioassay to Study the Potential of Zyflamend on EDS Induced Effects	New Chapter	\$48,216
Fussell, Liz	DRS/CIETAT	TN Dept. of Human Services	\$792,400
Mulligan, Geri	Adult Education Professional Development and Workforce Development	TN Dept. of Labor and Workforce Development	\$585,616
Wood, Pia	Peace Corps Recruiter	Peace Corps	\$14,300
<b>COLLEGE OF ENGINEERING</b>			
Baker, Allen	Scalable Thermal Analysis for Real-Time Signatures (STAR)	Tridium Corporation	\$50,000
Birdwell, J. Douglas; Wang, Tse-Wei	Searchable Database	UNISYS Corporation	\$1,041,728
Dongarra, Jack	Collaborative Research: SDCI HPC Improvement: Improvement and Support of Community Based Dense Linear Algebra Software	National Science Foundation	\$800,000
Frankel, J.I.; Keyhani, Majid	Heating Rate Sensor and Analytic Tools for the Prediction of Surface Heat Flux and Temperature of TPS via In-depth Sensor Data	Vanderbilt University	\$522,286
Fu, Joshua	Long-Term Aerosol Data Records: Using Deep Blue...TOMS	NASA	\$37,249
Fu, Joshua	CO2 and Chemical Transport Modeling Using GEOS-5 Numerical Simulations	UT-Battelle	\$35,309