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University of Tennessee Office of Research

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## AWARDS FOR JULY 18–AUGUST 8, 2012

**INVESTIGATOR** | **TITLE** | **SPONSOR** | **AWARD**
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Anderson, David; Yerka, Stephen | Collaborative Research: Developing the Cyberinfrastructure for a National Archaeological Site Database | National Science Foundation | $141,829
Armsworth, Paul; Hayes, Daniel | CNH-Ex: The Influence of the Size of Protected Areas on Their Ecological Status | National Science Foundation | $249,964
Becker, Jeffrey; Podar, Mircea | Microbiota and its Role in Health and Disease | DOE - UT-Battelle - ORNL | $20,155
Bingham, Carol | Matching Funds - UT/ORNL Joint Institute | DOE - UT-Battelle - ORNL | $395,000
Camden, Jon | Imaging Plasmonic Hot-Spot & Analyte Location in Single Molecule Surface Enhance | DOE - US Dept. of Energy | $15,000
Camer, Mark | Characterization of Lignin Feedstock for Use in Improved Carbon Fiber Production | DOE - UT-Battelle - ORNL | $17,142
Decorse, Elizabeth; Hollenbach, Kendace | Archaeological Survey of Federal Landholdings (Clifflines, Scenic Easements) | US Dept. of Interior - National Park Service | $66,000
Dolislager, F.; Galloway, L.; Gross, L.; Stewart, D. | Risk Integration Support for FY 2012 WR63, Rev 000 | DOE - URS CH2M Oak Ridge LLC (UCCR) | $2,077
Harden, Carol | Field Monitoring and Data Development for Little River Tributaries | Blount County Conservation District | $3,779
Hollenbach, Kendace | Faunal Analysis for 44WR0232, Warren County, Virginia | Louis Berger Group, Inc. | $2,400
Hulsey, Christopher | Mechanisms that Underlie the Evolution of Functional Innovation and Diversity | US-Israel Binaitional Science Foundation | $26,325
Kabalka, George | Organic Dyes - 900 nm Project | DOE - UT-Battelle - ORNL | $49,999
Karakashian, Ohannes | Adaptive Discontinuous Galerkin Methods and Applications | National Science Foundation | $173,512
Nazarewicz, Witold | FUSTIPEN - France-US Theory Institute for Physics with Exotic Nuclei | DOE - US Dept. of Energy | $35,000
Podar, Mircea | Enhancing Expertise in Archaeal Taxonomy: Classical and Molecular-based | Portland State University | $70,408
Vonarnim, Albrecht | Analysis Software and Algorithm Development - Manesh Shah | Lawrence Berkeley National Laboratory | $50,000
Wilhelm, Steven | Biological Degradation of Microcystins: A First Step Towards Biofilters | National Oceanic & Atmospheric Administration | $116,292
Xing, Yulong | Development of High-order Accurate Numerical Methods for the Shallow-water Equations | National Science Foundation | $166,178

**COLLEGE OF BUSINESS ADMINISTRATION**

**Fox, William** | The Tennessee Employment Security Insurance Model Evaluation and Maintenance | Tennessee Department of Labor and Workforce Development | $547,580

**Vossler, C.; McKee, M.** | Experimental Research on Taxpayer Services | Internal Revenue Service | $204,567

**COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES**

**Raynor, Hollie** | LIVE: SMART: Smartphone Intervention for Weight Control | Mirmir Hospital | $24,283

**COLLEGE OF ENGINEERING**

**Braiman, Yehuda** | High-Power Compact Blue-Green Pulsed Laser Source Based on Coherent Arrays | Office Of Naval Research | $19,000

**Cao, Qing Charles** | CAREER: Operating System Based Energy Virtualization for Sensor Networks | National Science Foundation | $85,497

**Clarke, David** | DOE/EPA Fuel Economy Information Site | DOE - UT-Battelle - ORNL | $33,193

**Clarke, David** | DOE/EPA Fuel Economy Information Site | DOE - UT-Battelle - ORNL | $63,909

**Clarke, David** | Fuel Economy Web Site | DOE - UT-Battelle - ORNL | $47,439

**Dongarra, Jack** | GridPac: A Resource Management System for Energy and Performance Optimization on Computational Grid | National Science Foundation | $85,000

**Dongarra, J.; Luszczek, P.** | FutureGrid: An Experimental, High-Performance Grid Testbed | Indiana University | $106,249

**Grossbeck, Martin** | Study of Compatibility of Stainless Steel Weld Joints with Liquid | DOE - US Dept. of Energy | $22,000

**Gu, Gong** | Novel Graphene-based Electronic Devices Integratable with Silicon | National Science Foundation | $359,996

**Han, Lee** | Eisenhower Fellowship: Real-Time Vehicle Tracking Using License Plate Text | US Dept. of Transportation - Research & Innovative Tech | $5,000

**Hayward, Jason** | Undergraduate Student Work in Nuclear Materials Accountancy | DOE - UT-Battelle - ORNL | $8,469

**Hayward, Jason** | Characterization of Gamma-ray Imager for Combined Gamma-ray and Visible Light | DOE - UT-Battelle - ORNL | $7,114

**Hayward, Jason** | Algorithm Development for Dual Gamma-ray and Fast Neutron Imaging of Nuclear | DOE - UT-Battelle - ORNL | $8,139

**Heilbronn, Lawrence** | Secondary Light-Ion Cross Sections and Transport from Intermediate-Energy Heavy | NASA - Langley Research Center | $38,000
In this document, we have a list of awards for July 19–August 8, 2012, and information about the Office of Research at the University of Tennessee, Knoxville. The document mentions several awards and recognitions, including those for research and teaching. It also highlights the recognition of two administrators as “shining stars” among women in business schools across the nation. Additionally, there is a mention of a sculpture by Patricia Tinajero and the selection of nominees for the Wall Street Journal’s “shining stars” among women administrators in business schools. The document concludes with a call for nominations for Scholar of the Week and an online link for more information.