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12-8-2010

## Office of Research, Awards & Recognition, December 08, 2010

University of Tennessee Office of Research

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## Awards for November 13 - 26, 2010

NOTES: Because of cross-program anomalies, orthographic details may be inconsistent and some titles may be truncated. This data set was not distributed in a printed format, therefore no printable PDF version is available.

### COLLEGE OF ARTS & SCIENCES

| Investigator        | Title  | Sponsor  | Amount    |
|---------------------|--|--|-----------|
| Freeman, Mark       | CESU - Implementing a New PMMP Web Site  | U.S. Dept. of Interior - National Park Service | \$150,000 |
| Hackett, Rosalind   | Religion in the Workplace and the World: A Training Seminar for East Tennessee | American Academy of Religion                   | \$2,300   |
| Hollenbach, Kandace | Paleoethnobotanical Analysis of 41HY160, Hays County, TX                       | Texas State University                         | \$3,071   |
| Hollenbach, Kandace | Geophysical Study of UT Medical Center, Knoxville, Tennessee                   | University of Tennessee Medical Group          | \$28,583  |
| Weitering, Hanno    | Ultrathin Oxide Growth and Characterization                                    | UT-Battelle - ORNL                             | \$15,201  |
| Williams, Richard   | AS107 Operation and maintenance  | Southern Methodist University                  | \$13,500  |

### COLLEGE OF BUSINESS ADMINISTRATION

| Investigator    | Title   | Sponsor                           | Amount      |
|-----------------|---|-----------------------------------|-------------|
| Stewart, Joseph | Air Force Acquisition Improvement Support (FA7014-10-R-0008) - IDIQ | DOD - Department of the Air Force | \$5,217,803 |

### COLLEGE OF ENGINEERING

| Investigator                   | Title  | Sponsor                         | Amount    |
|--------------------------------|--|---------------------------------|-----------|
| Clarke, David                  | DOE/EPA Fuel Economy Information                               | UT-Battelle - ORNL              | \$41,622  |
| Clarke, David                  | Fuel Economy Program & Clean Cities Activities                 | UT-Battelle - ORNL              | \$49,559  |
| Clarke, David                  | Fuel Economy Web Site  | UT-Battelle - ORNL              | \$69,908  |
| Clarke, David                  | DOE/EPA Fuel Economy Information Site                          | UT-Battelle - ORNL              | \$89,883  |
| Clarke, David; Urbanik, Thomas | Fuel Economy Guide   | UT-Battelle - ORNL              | \$86,885  |
| Djouadi, Mohamed               | Monitoring of Wireless Building Automation Retrofits           | UT-Battelle - ORNL              | \$32,029  |
| Dongarra, Jack                 | SciDAC Institute for Scalable Application Development Software | U.S. Dept. of Energy            | \$135,000 |
| Dongarra, Jack                 | Keeneland: National Institute for                              | Georgia Institute of Technology | \$218,035 |

| Experimental Computing                      |  |   |           |
|---|--|---|-----------|
| Dunne, William                              | Grant in Support of Senior Design Projects                                       | Electric Power Research Institute                     | \$25,000  |
| Han, Lee                                    | Incorporation of Economic Factors in TDOT Needs Assessment Process               | Tennessee Department of Transportation                | \$81,976  |
| Hayward, Jason                              | Detector-mask investigation for dual gamma-ray and fast neutron, imaging         | UT-Battelle - ORNL                                    | \$23,903  |
| Irick, David                                | Support for the Advanced Powertrains, Controls and System Integration Laboratory | Denso North America Foundation                        | \$50,000  |
| Langston, Michael                           | DOE-BER Proteomics Project   | UT-Battelle - ORNL                                    | \$6,906   |
| McHargue, Carl                              | Advanced Nuclear Materials and Fuels   | UT-Battelle - ORNL                                    | \$60,000  |
| McHargue, Carl; Evans, Neal                 | Electron Microscopy Research & Development Support                               | UT-Battelle - ORNL                                    | \$90,017  |
| Nguyen, Ke                                  | Engine Friction  | UT-Battelle - ORNL                                    | \$15,000  |
| Pharr, George                               | Piezoceramic and Piezoceramic Multilayer Actuator Characterization               | UT-Battelle - ORNL                                    | \$9,089   |
| Tolbert, Leon; Blalock, Benjamin; Wang, Fei | High-Efficiency Wide-Band-Gap Power Devices                                      | Auburn University                                     | \$345,965 |
| Wang, Fei                                   | High-Density Motor Controller  | Virginia Tech University Office of Sponsored Programs | \$84,719  |
| Wang, Fei                                   | Integrated Modular Motor Drive Power Electronics Packaging - Support UW Project  | UT-Battelle - ORNL                                    | \$1,000   |