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Awards and Recognitions

Office of Research & Engagement

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Office of Research, Awards & Recognition, June 09, 2010

University of Tennessee Office of Research

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AWARDS AND RECOGNITIONS

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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 Acetamidoglycine 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; Joulaine, 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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