Awards and Recognitions

Office of Research, Awards & Recognition, May 13, 2009

University of Tennessee Office of Research

Follow this and additional works at: http://trace.tennessee.edu/utk_researchawards

Recommended Citation

http://trace.tennessee.edu/utk_researchawards/31

This Newsletter is brought to you for free and open access by the Office of Research & Engagement at Trace: Tennessee Research and Creative Exchange. It has been accepted for inclusion in Awards and Recognitions by an authorized administrator of Trace: Tennessee Research and Creative Exchange. For more information, please contact trace@utk.edu.
### AWARDS AND RECOGNITIONS

**AWARDS FOR APRIL 24–MAY 7, 2009**

**INVESTIGATOR** | **TITLE** | **SPONSOR** | **AWARD**
--- | --- | --- | ---
**COLLEGE OF ARTS & SCIENCES**
Emery, Joshua Patrick | Surface Characterizations of Icy Galilean Satellites | NASA - Headquarters Washington, DC | $135,618
Feigerle, Charles S. | Ultrafast Laser Spectroscopy of Surfaces | UT-Battelle, LLC - ORNL | $10,379
Johnstone, Patti Michele | Alexander Graham Bell 2009 Cochlear Implant Fellowship Program | AG Bell Association for the Deaf | $15,000
Joy, David C. | Distinguished Scientist | UT-Battelle, LLC - ORNL | $52,407
Moore, Todd; McNulty, James; Gordon, Kristina | Ecological Momentary Assessment of Relapse to Substance Use Following Treatment | NIH - National Institute on Drug Abuse | $73,500
Peterson, Cynthia B.; Hodges, Carolyn R.; Fenwick, Bradley W. | Program for Excellence and Equity in Research (PEER) | NIH - National Institute of General Medical Sciences | $604,727
Sangster, Mark Yeldham | University of Rochester Center for Excellence for Influenza Research | University of Rochester | $149,134
Small, Pamela | Produce and Supply Mycolactones to the Buruli Ulcer Research Community | World Health Organization | $12,000
Tran, Liem Thanh | Hydrologic and Land-Cover Modeling Analysis for Future Landscapes and Ecosystem Services in the Midwestern United States | Tennessee Valley Authority | $41,138
Wilhelm, Steven W. | Collaborative Research: Evaluating nutrient Reductions to Control Cyanobacteria and Ensure Large Lake Sustainability: Lake Taihu (China) as a Model | National Science Foundation | $9,950
**COLLEGE OF BUSINESS ADMINISTRATION**
Cathey, Amy E. | Graduate Student Support for Office of Performance Management | UT-Battelle, LLC - ORNL | $23,972
Fox, William F. | Tenncare Patient Satisfaction Survey | State of Tennessee | $125,392
Riblett, John E. | Intergovernmental Personnel Act Agreement - Terry Balven | Air Force | $150,000
**COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES**
French, Russell L. | Proposal to Conduct Comprehensive Evaluation (Efficacy Study) of Wiley Plus | John Wiley and Sons Higher Education | $136,426
Raynor, Hollie | Reducing Snack Food Variety During Obesity Treatment | NIH - National Institute Diabetes, Digestive and Kidney Dis. | $341,138
Tate, Jeremiah Jackson; Milner, Clare Elizabeth | The Effects of Jump-Training on Jump Landing Techniques in Recreational Female Athletes | TN Physical Therapy Association | $500
White, Connie L.; Vonarnim, Albrecht G. | Mechanisms of Regulated Protein Transport Between Nucleus and Cytoplasm | US Department of Energy Golden Field Office | $29,000
**COLLEGE OF ENGINEERING**
Alvic, Donald R.; Bell, Larry L. | Technical Support to ORNL/ESK (NASA-DAAC) | UT-Battelle, LLC - ORNL | $35,000
Arimilli, Rao V. | Calc. Rev. & Development of Improved COMSOL-Based 2-D Thermal-Hydraulic Model for HFR Core | UT-Battelle, LLC - ORNL | $54,400
Cavin, Odis B.; Mchargue, Carl J. | Residual Stress Texture and Retained Austenite Characterization | UT-Battelle, LLC - ORNL | $12,973
Dongarra, Jack | ITR: Virtual Grid Application Development Software (V-GRADS) | Rice University | $90,000
Hall, Howard Lewis; Dodds, Harold L. | Governor’s Chair Joint Appointment | UT-Battelle, LLC - ORNL | $80,000
Hines, J. Wesley; Upadhyaya, Belle R. | Development and Application of Process Monitoring Techniques for Transfer Facility Safeguards | UT-Battelle, LLC - ORNL | $40,000
Maldonado, Guillermo Ivan | Advanced Reactor Fuel Cycle Modeling | LANL - Accounts Payable | $15,000
Mchargue, Carl J. | Computational Modeling of Radiation Effects in Structural Materials | UT-Battelle, LLC - ORNL | $40,000
Newsom, Theodore J. | Statewide Van Project | First Tennessee Human Resource Agency | $23,000
AWARDS FOR APRIL 24–MAY 7, 2009 (CONT.)

<table>
<thead>
<tr>
<th>INVESTIGATOR</th>
<th>TITLE</th>
<th>SPONSOR</th>
<th>AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parang, Masood; Pippin, James T.</td>
<td>TN Louis Stokes Alliance for Minority Participation</td>
<td>Tennessee State University</td>
<td>$77,648</td>
</tr>
<tr>
<td>Prowell, Stacy J.; Swain, William Thomas; Poore, Jesse H.</td>
<td>SNS Analysis Software Architecture and Proecess Definition</td>
<td>UT-Battelle, LLC - ORNL</td>
<td>$78,750</td>
</tr>
</tbody>
</table>

CAMPUS CENTERS & JOINT INSTITUTES

| Bell, Larry L.         | Bioconversion of Fuels and Chemicals                                | UT-Battelle, LLC - ORNL         | $7,000    |
| Nichols, Jeffrey       | Updating and Augmentation of NCCLS Training Materials              | UT-Battelle, LLC - ORNL         | $12,617   |
| Thonnard, Norbert      | Laser Spectroscopy of Nanomaterials Synthesis and Carbon Nanohorn Decoration for Hydrogen Storage | UT-Battelle, LLC - ORNL         | $18,868   |

RECOGNITIONS

Hamparsum Bozdogan, Toby & Brenda McKenzie Professor in the Department of Statistics, Operations and Management Science, has been invited to speak at the 5th International Biostatistics Conference in Istanbul, Turkey. Bozdogan will present is research on “Computer-Aided Detection of Breast Cancer Using Probabilistic Kernel Discriminant Analysis and Information Complexity.”

Bonnie Callen, assistant professor in the College of Nursing, has won a Fulbright Award and will be teaching and conducting research at the Catherine McAuley School of Nursing and Midwifery at University College in Cork, Ireland.

Chris Holmlund, professor in the Department of Modern Foreign Languages and Literatures and the Cinema Studies Program, recently spoke at the third annual Midwest Undergraduate Film Conference hosted by Notre Dame University. Holmlund gave the keynote address “Jackie Chan and the Art of Aging in Action.”

Pravda, Slovakia’s oldest national newspaper, published a two-page color spread on the recent work of Daniel H. Maglow, assistant professor of German in the Department of Modern Foreign Languages and Literatures. The article, translated “A Wartime Sensation: Slovakia has its own Anne Frank,” appeared in the April 4, 2009, edition of the paper’s weekend magazine. It discussed Dr. Maglow’s recent book In Her Father’s Eyes: A Childhood Extinguished by the Holocaust, a translated edition of a baby book (written in German) that traces a young Slovak girl’s life from her birth in Bratislava in 1929 until the family’s deportation to a Nazi death camp in 1942.

Fritz G. Polite, clinical assistant professor of Exercise, Sport and Leisure Studies, has been selected to present his paper “Social Responsibility and Accountability in Sport” at the Global Sport Conference at the University De Oveido in Gijon, Spain.

Thomas Riesing, professor in the School of Art, recently received the 2009 Alumni Achievement Award in Art and Art History at the University of Nebraska. Riesing has also been appointed Guest Professor at Beijing University in Beijing, China where he will be teaching painting this spring.

Susan Speraw, associate professor in the College of Nursing, received the 2009 Jefferson Prize at the Chancellor’s Honors Banquet. Speraw was recognized for her creativity in conceptualizing and designing the college’s Homeland Security nursing program. Named after President Thomas Jefferson, the prize honors a UT faculty member who has been dedicated to the pursuit of freedom and knowledge.

Rickey Fayne Jr., a junior in the English department, has been accepted to participate in the Summer Institute for Literacy and Cultural Studies (SILCS) to study literary and cultural theory and learn from a number of top scholars.

Erin O’Brien, a graduating senior in French, was recently chosen by the Alliance Française of Nashville to be an intern in Deauville, France, teaching English to French elementary school students.

William Bradley O’Dell, graduating senior in the College Scholars program, has been accepted into the prestigious NIH-Oxford-Cambridge Scholars Program to work on his doctorate in biochemistry at Cambridge and conduct research at the National Institutes of Health (NIH).

Alaina Willet, undergraduate student in biological sciences, recently won grant funding from the American Society of Plant Biologists 2009 Summer Undergraduate Research Fellowship program for her project entitled “Research of Arabidopsis plant to Find New Components of ERECTA Signaling Pathway through EMS Screen for Mutants.”

A team of students and faculty from the College of Architecture and Design and UT’s Institute for a Secure and Sustainable Environment (ISSE) have won a top award in the Environmental Protection Agency’s National Sustainable Design Expo in Washington, D.C. The project, “The New Norris House: A Sustainable Home for the 21st Century,” won a $75,000 award from the EPA.

Tim Ezzell from ISSE and Tricia Stuth, assistant professor in the college, mentored the winning team of students. A second team of UT chemical engineering students won an honorable mention for a project reusing waste from the production of biodiesel fuel. UT faculty Paul Frymier, Robert Counce and Charles Moore (emeritus) mentored that team.

License Disclosures for April 2009

1. Automated decision support for DNA typing—John D. Birdwell, Tse-Wei Wang and Ranajit Chakraborty
2. Prediction of object properties using efficient similarity-based information retrieval and modeling—John D. Birdwell and Tse-Wei Wang
3. Method of dispersing fibers coming out of the die and forming fluffy uniform meltblown or spunbond fabrics—Peter P Tsai, Clifton Woods III and Jack L. Wyrick
4. A novel neural implant design—Christopher P Stephens, Wei He, Bin Hu, Roberto S. Benson and David K. White

The University of Tennessee, Knoxville, is an EEO/AA/TITLE VI/TITLE IX/SECTION 504/ADA/ADEA institution. Awards & Recognition is published on alternate weeks for the faculty of UT Knoxville by the Office of Research with assistance from UT Creative Communications. Job #: 3001.

For submissions or information, contact Craig Cook by e-mail at ccok10@utk.edu or call 865-974-3464. Archived online at http://research.utk.edu/news.