8-12-2009

Office of Research, Awards & Recognition, August 12, 2009

University of Tennessee Office of Research

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## AWARDS FOR JULY 24–AUGUST 6, 2009

### COLLEGE OF ARTS & SCIENCES

<table>
<thead>
<tr>
<th>INVESTIGATOR</th>
<th>TITLE</th>
<th>SPONSOR</th>
<th>AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker, David C.; Best, Michael Douglas</td>
<td>ARRA: Multi Carbohydrate-Protein Binding on Surfaces with Defined Density and Valency that Mimic Cellular Membranes</td>
<td>National Science Foundation</td>
<td>$450,000</td>
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<tr>
<td>Dean, David Jarvis; Nazarewicz, Witold; Nazarewicz, Pawel</td>
<td>RIKEN/RIA Theory Center</td>
<td>US Department of Energy - National Energy Technology</td>
<td>$11,000</td>
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<tr>
<td>Emery, Joshua Patrick</td>
<td>Near-Infrared Spectroscopy and Photometry of Primitive Asteroids</td>
<td>NASA - Headquarters</td>
<td>$66,865</td>
</tr>
<tr>
<td>Fedo, Christopher Mark</td>
<td>Geochemical and Iron Isotopic Investigation of Precambrian Banded Iron Formation (3.8-1.9 Ga)</td>
<td>NASA - Headquarters Washington, DC</td>
<td>$67,434</td>
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<tr>
<td>Feigerle, Charles S.</td>
<td>Ultrafast Laser Spectroscopy of Surfaces</td>
<td>UT-Battelle - ORNL</td>
<td>$5,547</td>
</tr>
<tr>
<td>Ferrell, Thomas L.</td>
<td>Explosive Vapor Detection</td>
<td>UT-Battelle - ORNL</td>
<td>$22,446</td>
</tr>
<tr>
<td>Finkelstein, David; Lewis, Daniel; Grissino-Mayer, Henri</td>
<td>Doctoral Dissertation Research: Multitproxy Analysis of Tropical Cyclones and Climate Variability at Big Thicket National Preservation</td>
<td>National Science Foundation</td>
<td>$8,250</td>
</tr>
<tr>
<td>Grzywacz, Robert Kazimierz</td>
<td>Comprehensive Beta Decay Measurements of Very Neutron Rich Nuclei</td>
<td>Rutgers - The State University of New Jersey</td>
<td>$222,373</td>
</tr>
<tr>
<td>Hix, William Raphael</td>
<td>Continued Explorations of the Nucleosynthesis of Core Collapse Supernovae</td>
<td>National Science Foundation</td>
<td>$80,900</td>
</tr>
<tr>
<td>Hollenbach, Kandace Renee</td>
<td>Phase I Geomorphic Examination of the SR-117 Bridge Replacement</td>
<td>TN Valley Archaeological Research</td>
<td>$5,361</td>
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<tr>
<td>Mallinckrodt, Brent Stephen</td>
<td>Practicum Experience in Clinical Psychology for Students</td>
<td>Cherokee Health Systems</td>
<td>$10,000</td>
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<tr>
<td>McNulty, James Kevin</td>
<td>Differentiating between Global and Specific Marital Expectancies</td>
<td>NIH</td>
<td>$73,500</td>
</tr>
<tr>
<td>Papenbrock, Thomas Franz</td>
<td>Structure of Rare Isotopes</td>
<td>US Dept. of Energy - Energy and Technology</td>
<td>$90,000</td>
</tr>
<tr>
<td>Schulze, Timothy P.</td>
<td>FRG: Collaborative Research: Modeling and Computation of Crystalline Nanostructures</td>
<td>National Science Foundation</td>
<td>$211,351</td>
</tr>
<tr>
<td>Shpak, Elena D.</td>
<td>Dissection of the ERECTA Receptor-Like Kinase Signaling Pathway in Arabidopsis</td>
<td>National Science Foundation</td>
<td>$170,000</td>
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<tr>
<td>Stuart, Gregory L.</td>
<td>Brief Intervention to Reduce Drinking and Intimate Partner Violence in Women</td>
<td>NIH - National Institute on Alcohol Abuse and Alcoholism</td>
<td>$445,989</td>
</tr>
<tr>
<td>Taylor, Lawrence A.</td>
<td>The Moon as Cornerstone to the Terrestrial Planets: The Formative Years</td>
<td>Brown University - Office of Sponsored Projects</td>
<td>$17,400</td>
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<tr>
<td>Weitering, Hanno H.</td>
<td>Joint Faculty</td>
<td>UT-Battelle - ORNL</td>
<td>$20,424</td>
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<tr>
<td>Welsh, Deborah P.</td>
<td>Practicum Experience in Clinical Psychology for Students</td>
<td>Cherokee Health Systems</td>
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<td>Welsh, Deborah P.</td>
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<td>Parkwest Medical Center</td>
<td>$5,000</td>
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<tr>
<td>Welsh, Deborah P.</td>
<td>Practicum Experience in Clinical Psychology for Students</td>
<td>Parkwest Medical Center</td>
<td>$30,000</td>
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<tr>
<td>Xiong, Jie</td>
<td>Some Related problems for Stochastic Partial Differential Equations &amp; Backward Stochastic Differential Equations</td>
<td>National Science Foundation</td>
<td>$117,294</td>
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### COLLEGE OF BUSINESS ADMINISTRATION

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Luna, Leann; Fox, William F.</td>
<td>Financial Evaluations on Licensed Child Care Agencies in the State of TN</td>
<td>State of Tennessee</td>
<td>$110,414</td>
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<tr>
<td>Schriver, William R.</td>
<td>Construction Industry Information and Construction Inspections - OSHA</td>
<td>US Department of Labor-Financial Services Center/ OASAM</td>
<td>$45,007</td>
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### COLLEGE OF COMMUNICATION & INFORMATION

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<tr>
<td>Sutliff, Barbara C.</td>
<td>Genome Management Information System - Web Communications Expert</td>
<td>UT-Battelle - ORNL</td>
<td>$10,000</td>
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<tr>
<td>Tenopir, Carol</td>
<td>Evaluating Usage/Impact of E-Journals in the UK: Phase II</td>
<td>University College London</td>
<td>$20,277</td>
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### COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES

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<tbody>
<tr>
<td>Hallam, Rena Ann</td>
<td>Signal Centers-CCRR-Hallam</td>
<td>Signal Centers, Inc</td>
<td>$1,005,142</td>
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<tr>
<td>Spence, Marsha Lynn</td>
<td>Monroe County Schools Coordinated School Health Program Project</td>
<td>Monroe County</td>
<td>$2,504</td>
</tr>
</tbody>
</table>
Becher, Paul Fredric

Dongarra, Jack; Kurzak, Jakub

McIlharge, Carl J; Barabash, Rozaliya I.

Pharr, George M.

Wang, Xiaorui

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Ahern, Sean D.; Klaskey, Scott A.; Huang, Jian

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Alvin G. Burstein

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Marcia Goldenstein and Thomas Riesin

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Karen Wetherall

Zi-Ling (Ben) Xue

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From the Eating Disorders Coalition of Tennessee.

Association. She also recently received the Visionary Award outstanding dietician of the year for the Tennessee Dietetic program for the Department of Nutrition, has been named Karen wetherall Battle Bugs, Become Pests Themselves.”

quoted in a recent Associated Press article titled “Predators daniel simberloff, professor of environmental science, was at University in Beijing, China. Riesing has also been teaching School of Art, are currently exhibiting their work at Beihang Industries,” was published in the Journal of the Operational Research Society.

http://research.utk.edu

WANTED: News & Nominations

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Send items for either News & Opportunities (the green newsletter) or Awards & Recognition (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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