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Office of Research, Awards & Recognition, October 17, 2012

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## Awards and Recognitions

**AWARDS FOR SEPTEMBER 22–OCTOBER 7, 2012**

**INVESTIGATOR** | **TITLE** | **SPONSOR** | **AWARD**
--- | --- | --- | ---
Bingham, Carrol | Matching Funds - UT/ORNL Joint Institute | DOE - UT-Battelle - ORNL | $50,000
Dagotto, Elbio | Theoretical Studies of Model Hamiltonians | DOE - UT-Battelle - ORNL | $32,000
Emery, Joshua | OSIRIS-REx | University of Arizona | $4,207
Ezzell, Timothy | Development of Best Practices among Case Study Communities from the Strategies | Appalachian Regional Commission | $99,557
Gross, Louis | UT-Battelle EPA Risk - Environment Assessment and Decision Analysis | DOE - UT-Battelle - ORNL | $240,000
Guidry, Michael | Neutron Image Modeling | DOE - UT-Battelle - ORNL | $40,930
Hollenbach, Kandace | Paleoenvironmenataly Analysis of 1Jc391, Jefferson County, Alabama | University of Alabama | $1,162
Kah, Linda | MAHLI – Mars HandLens Imager for the Mars Science Laboratory | Malin Space Science Systems | $243,997
Kilbey, Sidney | Understanding In-Situ Chemical Transformations of Polymer Brush-Modified Surface | National Science Foundation | $1,997
Kilbey, Sidney; Mays, Jimmy | Role of Chain Microstructure and Branching on Solution and Thin Film Phase | DOD - Department of the Army | $144,000
McFargue, Carl; Weitering, Hanno; Meins, Roberta | Investigations of Hydrogen Storage in Metallic Thin Films | DOE - UT-Battelle - ORNL | $5,000
Peterson, Cynthia; Baudry, Jerome | Novel Self-Limiting Prothrombinase Inhibitors | Shifa Biomedical Corporation | $99,287
Simek, Jan | Prehistoric Site Survey and Assessment on the South Cumberland Plateau 2012 | Tennessee Historical Commission | $21,896
Vonarnim, Albrecht | Graduate Research Weili Xiong | DOE - UT-Battelle - ORNL | $12,000
Ziock, Klaus-Peter | Technical Support for Development of a Crystal Compton Camera | DOE - UT-Battelle - ORNL | $40,930
Carruthers, Celeste | The Consequences of Tenure Reform | Northwestern University | $36,050
Fleming-May, Rachel | Virtual Verse in the Library: Surveying the e-Poetry Landscape | Institute of Museum Library - Office of Museum Services | $49,938
Peterson, Cynthia; Baudry, Jerome | Technical Support to the Computational Data Analytics | DOE - UT-Battelle - ORNL | $66,210
Breuer, Ernst | Academic Enrichment Upward Bound | US Department of Education | $347,684
Colby, Sarah | iCook-4H: A 4-H Program to Promote Culinary Skills and Family Meals for Obesity | University of Maine | $55,014
Morse, Stephen | The Economic Impact of Whitewater Rafting on the Ocoee River on the Area Economy | America Outdoors Association | $6,750
Skoll, Gary; Robinson, Stephanie | Evaluation of TEACH Project | University of Louisiana at Monroe | $75,000
Beck, Micah | Collaborative Research: CC-NIE Network Infrastructure: An Open Cloud | National Science Foundation | $171,829
Bray, Larry | Technical Support of TVA Navigation Mission | Tennessee Valley Authority | $31,694
Dmosowski, Wojciech | High Energy X-ray Diffraction Measurement and Data Analysis | Office of Naval Research | $39,000
Duscher, Gerd | Atomic-scale Investigation of Energy Materials | DOE - UT-Battelle - ORNL | $40,000
Fu, Joshua | Energy, Economic and Climate Project | DOE - UT-Battelle - ORNL | $39,000
Komistek, Richard; Sharma, Adria | In Vivo Mechanics Analysis of Patients Having Either a Sigma PS Fixed or Mobile | DePuy Products Incorporated | $111,490
Mandrus, David | Anisotropic Itinerant Ferromagnets | DOE - UT-Battelle - ORNL | $77,596
Rack, Philip | Molecular Scale Engineering and Nanoscale Technologies | DOE - UT-Battelle - ORNL | $10,000
Ruggles, Arthur | Assessment of Single Jet, and Twin Jet Mixing Using Ultrasonic Doppler | DOE - Argonne National Lab | $74,952
Ryerson, Megan | Analysis and Models for Aviation Environmental Policy Analysis | The Mitre Corporation | $12,000
Swain, William | Cyber-Security Analysis Support to the ORNL Center for Trustworthy Embedded | DOE - UT-Battelle - ORNL | $235,684
Tolbert, Leon | Microgrid Protection | DOE - UT-Battelle - ORNL | $45,000
Tomsovic, Kevin | Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network | ALSTOM Power, Inc. | $10,000
### AWARDS FOR SEPTEMBER 22–OCTOBER 7, 2012 (CONT.)

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<tr>
<th>INVESTIGATOR</th>
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<tr>
<td>Tomsovic, Kevin</td>
<td>Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network</td>
<td>National Rural Electric Cooperative Association</td>
<td>$10,000</td>
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<tr>
<td>Tomsovic, Kevin</td>
<td>Program Income for NSF Engineering Research Center for Ultra-wide-area Resilient Electric Energy Transmission Network</td>
<td>PJM Interconnection</td>
<td>$45,000</td>
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<tr>
<td>Walford, Graham; Miller, Laurence</td>
<td>Rapid Location of Radiation Sources in Complex Environments Using Optical</td>
<td>DOD - Department of the Air Force</td>
<td>$50,260</td>
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<tr>
<td>Wirth, Brian</td>
<td>Plasma Science Center: Bridging the PSI Knowledge Gap through Multiscalpel</td>
<td>University of California-Berkeley</td>
<td>$300,000</td>
</tr>
<tr>
<td>Zawodzinski, Thomas</td>
<td>Gordon Research Conference on Fuel Cells</td>
<td>DOD - Army Research Office</td>
<td>$10,000</td>
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### COLLEGE OF NURSING

Jefford, Linda [Collaborative Partnership with the Neonatal Abstinence Syndrome (NAS) Team](East Tennessee Children’s Hospital) $1,318

### COLLEGE OF SOCIAL WORK

Campbell, Paul; Cunningham, Maryanne [Alzheimer’s Innovation Program Evaluation FY11](Tennessee Commission on Aging) $13,754

### CAMPUS CENTERS & INSTITUTES

Cox, Chris [Administrative Support for East Tennessee Clean Fuels Coalition - 2012](East Tennessee Clean Fuels Coalition) $19,435

Halloy, Christian [Galindo Generalized UQ Framework](DOE - UT-Battelle - ORNL) $8,795

Halloy, Christian [Whitten User Support](DOE - UT-Battelle - ORNL) $51,081

Halloy, C.; Harrison, R. [Basford LandScan Program](DOE - UT-Battelle - ORNL) $9,839

Halloy, C.; Harrison, R. [Climate Change Strategy](DOE - UT-Battelle - ORNL) $23,031

Peterson, Gregory [XSEDE: eXtreme Science and Engineering Discovery Environment](University of Illinois) $3,485,333

Pflüger, Susan; Vishnivetskaya, Tatiana [Computational Analyses and Interpretation of Genomic Sequencing Data](DOE - UT-Battelle - ORNL) $7,500

### OTHER

Hopkins, John [23rd NSF EPSCoR National Conference](National Science Foundation) $420,119

### RECOGNITIONS

**Richard Bennett**, professor and director of the Engage Engineering Fundamentals Division, has been named a fellow of the Masonry Society for outstanding contributions to the society.


**Bin Hu**, associate professor of materials science and engineering, organized a workshop on organic solar cells recently held in Arlington, VA. The workshop was supported by the National Science Foundation, the Office of Naval Research, and UT’s SEERC and TN-SCORE organizations.

**George Hyfantis**, adjunct professor of civil and environmental engineering, has been appointed to the state Underground Storage Tank and Solid Waste Disposal Control Board by Tennessee Gov. Bill Haslam. Hyfantis has served on related state boards in the past.

**Kim Kallstrom**, a program administrator in the College of Engineering’s Reliability and Maintainability Center, has been recognized as a 2012 Leader Under 40 by Plant Engineering magazine.


**Witold Nazarewicz**, professor of physics, is to be recognized with the Distinguished Scientist Award from Oak Ridge National Laboratory on November 16, 2012. Nazarewicz is being honored for his work in developing and applying nuclear functional theory and for his role in the promotion of radioactive beam physics in the United States.

**Greg Stein**, associate dean of the College of Law, has had two papers accepted for publication. The Vermont Law Review has published “The Modest Impact of Palazzolo v. Rhode Island” from a symposium on regulatory takings law at Georgetown Law School. The Arizona Journal of International and Comparative Law has scheduled “Is China’s Housing Market Heading Toward a US-Style Crash?” for publication.

**Ritesh Sachan**, a graduate student in materials science and engineering, won first place for his poster presentation at the annual meeting of Microscopy and Microanalysis in Phoenix. Sachan works under Ramki Kalyanaraman and Gerd Duscher, both associate professors of material science and engineering.

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**We want to know what makes you proud!**

We are looking for your good news. Please share with us information about honors and awards, fellowships and offices, and other significant recognition that you have received recently. Please submit your items to Bill Dockery at dockeryb@utk.edu and we’ll spread the word.