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# Office of Research, Awards & Recognition, December 10, 2008

University of Tenessee Office of Research

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Quest
Research • Scholarship • Creative Activity

THE UNIVERSITY of TENNESSEE UT KNOXVILLE

DECEMBER 10, 2008

# AWARDS AND RECOGNITION

## AWARDS FOR THE UNIVERSITY OF TENNESSEE, KNOXVILLE FOR NOV. 21–DEC. 4, 2008

| INVESTIGATOR | TITLE | SPONSOR | AWARD |
|---|---|---|---|
| COLLEGE OF ARTS & SCIENCES | | | |
| Burr, Devon M. | Mapping, Characterization, and Analysis of Channel/ Valley Features on Titan | NASA - Headquarters Washington, DC | $89,007 |
| Gage, Matthew David | Historic Properties Indentification and Erosion Monitoring and Assessment Plan for TVA ROC | Tennessee Valley Authority | $173,867 |
| Hallam, Thomas G. | Environmental Risk and Modeling Information | UT-Battelle, LLC-Oak Ridge National Laboratory | $85,000 |
| Klippel, Walter E. | Faunal Analyses of Non-Human Vertebrate Remains from Orange Beach (1BA21), Baldwin Co., AL | University of South Alabama Center for Archaeological Studies | $5,000 |
| Thundat, Thomas G. | Receptor-Free Detection of Explosives | Northwestern University | $53,915 |
| Weitering, Hanno H.; Zhang, Zhenyu | FRG: Quantum Engineering of Metallic and Magnetic Nanostructures | University of Texas at Austin-Department of Microbiology | $114,499 |
| COLLEGE OF BUSINESS ADMINISTRATION | | | |
| Atchley, Katherine M. | Educational Service Agreement | ARMY/CERL | $183,000 |
| Mallory, Kimberly Raye | Custom Engineer/Scientist As A Manager In A Technical Environment | AIR FORCE | $94,500 |
| COLLEGE OF COMMUNICATION & INFORMATION | | | |
| Swan, Norman Jr R.; Riechert, Susan E. | Jordan Media Strengthening Program | International Research and Exchanges Board | $387,629 |
| COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES | | | |
| Erwin, Paul Campbell | Assoc. of Local Health Dept. Profiles with Changes in America's Health Ranking, 1990-2006 | University of Kentucky | $10,000 |
| Mulligan, Geraldine Ann | Oregon Adult Basic Skills Content Standards Development | Oregon State University | $56,210 |
| Ponder, Beth Ann; Mulligan, Geraldine Ann | Adult Education Professional Development and Technical Assistance | Tennessee Department of Labor and Workforce Development | $90,000 |
| COLLEGE OF ENGINEERING | | | |
| Bhat, Gajanan S. | Meltblown Nonwovens Research & Development | Other industry non-specified | $15,000 |
| Hines, J Wesley; Upadhyaya, Belle R. | Advanced Instumentation and Control Methods for Small and Medium Export Reactors with IRIS Demonstration | US Dept of Energy - Energy and Technology | $563,485 |
| Parker, Lynne E. | Implicit Coordination IR&D | Lockheed Martin | $25,000 |
| COLLEGE OF SOCIAL WORK | | | |
| Jackson, Rebecca F. | Youth Villages | Youth Villages | $3,000 |
| Patterson, David A. | KnoxHMIS Matching Funds | Volunteer Ministry Center | $2,000 |
| CAMPUS CENTERS & JOINT INSTITUTES | | | |
| Bell, Larry L. | Administrative Support for East Tennessee Clean Fuels Coalition - 08 | East Tennessee Clean Fuels Coalition | $45,000 |

## Two New Assistant Directors for Sponsored Programs Announced

**Elise Young** is a former contract manager with Remotec, Inc., a subsidiary of Northrop Grumman Corporation in Clinton, Tennessee. She has extensive experience in federal contracting, federal acquisition regulations, and export management. Her first day was December 1.

**Debbie Hampstead** will be transferring from the Office of Research at the UT College of Veterinary Medicine. She has extensive experience in pre-award and post-award grant and contract functions. Her first day will be December 15.


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## RECOGNITIONS

**Gary Flandro**, professor at the UT Space Institute, was recently awarded the General Henry H. "Hap" Arnold Award by the Tennessee section of the American Institute of Aeronautics and Astronautics for his research in combustion instability. He is credited with creating the Universal Combustion Device Stability (UCDS) process — an engineering tool used by NASA to mitigate vibration loads produced by thrusting rocket motors.

**Henri Grissino-Mayer,** associate professor of geography, and some of his students in the Tree-Ring Science Laboratory were featured on a recent episode of the Discovery Channel's *Extreme Forensics* series. The episode chronicled how Grissino-Mayer and his students used forensic techniques to analyze wood fragments collected as evidence that led to the arrest and conviction of a suspect in a murder.

**Louis Gross**, professor of ecology and evolutionary biology, has been appointed a member of the National Research Council/National Academy of Sciences Board on Life Sciences. The board has oversight on most of the biology and biomedical activities carried out by the NRC.

**John C. Malone**, professor of psychology, recently had his book titled *Psychology: Pythagoras to Present* published by MIT Press.

### Nominations for 2009 Chancellor's Awards Due January 30

The UT Knoxville Office of Research is currently soliciting nominations for Chancellor's Awards in **Research and Creative Achievement** and **Professional Promise in Research and Creative Achievement**. Recipients of these awards will be presented a certificate of achievement and a $3,000 monetary award at the Chancellor's Honors Banquet.

Additional information and eligibility requirements can be found online at **http://research.utk.edu**

**http://research.utk.edu**

UT Center for Executive Education faculty members **Steve Geary** and **Kate Vitasek** have written *Performance-Based Logistics: a Contractor's Guide to Life Cycle Product Support Management*. Published in October 2008, the book is used in UT's performance-based logistics program and provides practical guidance to contractors working with the Department of Defense.

### 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 & 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).

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 #8957
For submissions or information, contact **Craig Cook** by e-mail at **ccook10@utk.edu** or call 865-974-3464. Archived online at **http://research.utk.edu/news**.