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Office of Research & Engagement

7-28-2010

Office of Research, Awards & Recognition, July 28, 2010

University of Tenessee Office of Research

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AWARDS AND RECOGNITIONS

Smokemont, Swain County, North Carolina Smoky Mountains National Park	http://research.utk.edu JULY 28, 2010				
Decorse, Elizabeth Kellar Continued Archaeological Investigation at Site 315W393. Similar Member Service Country, North Carolina Site 315W393. Decorse, Elizabeth Kellar Geophysical Cemetery Consultation, Fayetheville, Lincoln County, Prosperity Associate Reformed Fairs Framenson Kabalika, George W. Neutron Imaging for the Determination of Tumor Margins Elementory Vari, Bugg, William Elementory Vari Bugg, William Moersch, Jeffrey E. Jeffre	AWARDS FOR JULY 2–22, 2010				
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Brockemont, Swain County, Notific Carolina Smoky Mountains National Park	COLLEGE OF ARTS & SCIENCES				
Kabalika, George W. Neutron Imaging for the Determination of Tumor Margins UT-Battlei- O-RDNL S9.250 Kampelbroy, Yuri, Bugg, William, Efementary Particle Interactions Fremento, Yuri, Handler, Thomas, Slopesis, George; Spanier, Stefan, Ward, Bennie Mays, Jimmy W. Acquisition of Instrumentation for Temperature Gradient, Interaction Chromotography of Complex P Moersch, Jeffrey E. Detector with Applications to Mars Modeling and Characterization Studies of a Rover-Based Neutron Detector with Applications to Mars Peterson, Cynthia B. Analysis of Proteomic and Genomic Data UT-Battlei- O-RDNL S28.883 Shen, Jian LSU Subcontract to UT Physics for Portion of DOE SISGR Project Novel Methods for Chromium and Vanadium Analyses in Novel Methods for Chromium A	Decorse, Elizabeth Kellar		Smoky Mountains National	\$22,976	
Karnyshkov, Yurk, Bugg, Milliam, Efermento, Yurk, Fander, Thomas, Siposis, George; Spanier, Stefar, Ward, Bennie Mays, Jimmy W. Acquisition of Instrumentation for Temperature Gradient Interaction Chromotography of Complex P Moersch, Jeffrey E. Analysis of Proteomic and Genomic Data Analysis of Proteomic and Genomic Data LSU Subcontract to UT Physics for Portion of DOE SISCR Project Novel Methods for Chromium and Vanadium Analyses in Novel Methods for Chromium Analyses in Novel Methods for Chromium and Vanadium Analyses in Novel Methods for Novel Methods for Chromium Analyses in Novel Methods for Novel Met	Decorse, Elizabeth Kellar			\$1,000	
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Interaction Chromatography of Complex P Moersch, Jeffrey E. Modeling and Characterization Studies of a Rover-Based Neutron Detector with Applications to Mars Peterson, Cynthia B. Analysis of Proteomic and Genomic Data UT-Battelle - ORNL S28,883 Shen, Jian LSU Subcontract to UT Physics for Portion of DOE SISGR Project Novel Methods for Chromium and Vanadium Analyses in NiH - Center for Scientific Review Roview Roview Roview Roview COLLEGE OF COMMUNICATION S INFORMATION CESUl-Increasing Biodiversity Information Sources (BIS): Technical Assistance & Support for Delivery and Technology Tennisher COLLEGE OF EDUCATION, HEALTH B HUMAN SCIENCES Brewer. Ernest W. Upward Bound Math and Science Competition US Department of Education \$297.034 Skolits, Gary J. Us Technical Assistance & Support for Delivery and Technology Technical Assistance & Support for Delivery and Technology	Efremenko, Yuri; Handler, Thomas; Siopsis, George;	Elementary Particle Interactions		\$640,000	
Delector with Applications to Mars Peterson, Cynthia B. Analysis of Proteomic and Genomic Data LSU Subcontract to UT Physics for Portion of DOE SISGR Louisiana State University S66,377 Xue, Ziling Novel Methods for Chromium and Vanadium Analyses in Richard Review Roll Ene DF COMMUNICATION & INFORMATION Tempir, Carol: Alland, Suzanne; Normore, Lorraine; Singh, Vandana Norel Energity Carol: Alland, Suzanne; Normore, Lorraine; Singh, Vandana Brewer, Ernest W. Upward Bound Math and Science Competition Us Department of Education S297,034 Bressen, Blance, Benner, Susan, Rolfer, Robert, Riechert, Susan, Roder, Robert, Riechert, Susan Rader, Robert, Riechert, Susan Rader, Robert, Riechert, Susan Rader, Dane P. Oregon Adult Basic Skills Content Standards Plan 2009-2010 State of Oregon S28,001 Continued on THEC/College Access Challenge Grant Program Control Engine Engine Education Commission Control Corporation MCDA: Collaborative Research: A Multi-Element & Multi-Objective Optimization Approach for Allocating Tasks to Multi-Corporation Corporation Corporation MCDA: Collaborative Research: A Multi-Element & Multi-Objective Optimization Approach for Allocating Tasks to Multi-Corporation Fathy, Aly Wideband Medamaterial Antennas Integrated into Compite Structures System All, Lee D. UT-NHTS Distance Calculations UT-Battele - ORNL S29,000 Keffer, David: Qui, Shengting, Maltinery and Technology and Medication of Spin-Orbital Coupling in Magnetic Org National Energy Technology Electrolyte Interface of Technology Ele	Mays, Jimmy W.		Department of Defense	\$105,778	
Shen, Jian LSU Subcontract to UT Physics for Portion of DOE SISGR Louisiana State University Project Xue, Ziling Novel Methods for Chromium and Vanadium Analyses in Biological Fluids Review State University St85,377 Reprince OF COMMUNICATION S INFORMATION Tenopir, Cardi, Allard, Suzanne, Normore, Lorraine; Singh, Vandana CESU-Increasing Biodiversity Information Sources (BIS): Technical Assistance & Support for Delivery and Technology Vandana COLLEGE OF EDUCATION, HEALTH S HUMAN SCIENCES Brewer, Ernest W. Upward Bound Math and Science Competition US Department of Education \$297,034 Bursten, Bruce; Benner, Susan, Vols Teach Program Vols Teach Program Vols Teach Program Vols Teach Program The UTeach Institute \$1,825,000 Scardner, Diane P. Oregon Adult Basic Skills Content Standards Plan 2009-2010 State of Oregon \$1,2505 Skolits, Gary J. Evaluation of THEC/College Access Challenge Grant Program COLLEGE OF ENGINEERING Dongarra, Jack MCDA: Collaborative Research: A Multi-Element & Multi-Core Processors Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures Fathy, Aly; Gao, Yanfei 3D MiLI-Physics Modeling and Codesign of Microelectronic System UT-NHTS Distance Calculations Control Control Compision System UT-NHTS Distance Calculation of Modification of Spin-Cribital Coupling in Magnetic Ora and Modification of Lumbar Skinolines Reffer, David; Cui, Shengting; Edwards, Brian; Paddison, Stephen Maldonado, Guillermo Ivan Miller, William Arthony Miller, William Arthony High Fidelity Neutronic and Depletion Simulations for the Heigh Investigation of Proton Transport through the Electrode' Electrolyte Interface of Fuel Cell Membrane Line Standard, Malhouz, Mornal Skin Diseases Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the Heigh Line Standard, Malhouz, Mornal	Moersch, Jeffrey E.		Laboratory - California Institute	\$30,000	
Project Novel Methods for Chromium and Vanadium Analyses in Biological Fluids S185,551	Peterson, Cynthia B.	Analysis of Proteomic and Genomic Data	UT-Battelle - ORNL	\$28,683	
Biological Fluids COLLEGE OF COMMUNICATION & INFORMATION Tenopir, Carol, Allard, Suzame; Normore, Lorraine; Singh, Vandana COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES Brewer, Ernest W. Upward Bound Math and Science Competition US Department of Education \$297,034 Britter, Robert; Riechert, Susan Gardiner, Diane P. Oregon Adult Basic Skills Content Standards Plan 2009-2010 Skate of Oregon Tenesses Higher Education \$88,001 College OF ENGINEERING COLLEGE OF ENGINEERING MCDA: Collaborative Research: A Multi-Element & Multi-Objective Optimization Approach for Allocating Tasks to Multi-Core Processors Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures 30 Multi-Physics Modeling and Codesign of Microelectronic System Han, Lee D. UT-MHTS Distance Calculations CAREER: Research and Education in Development of Organic Spirronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Ministurized Wireless Implantable Biosensors for Multiple Analyte Morbana Gardiner, Distance Calculations CAREER: Research and Education in Development of Organic Spirronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Ministurized Wireless Implantable Biosensors for Multiple Analyte Morbana Gardiner, Mahfouz, Morbana Gardiner, Mahfouz, Morbana Gardiner, Distance Calculations Innovative Tools for In Vito Computational Prediction of Lumbar Keffer, David; Cui, Shengting; Edwards, Bilan; Paddison, Fligh Fidelity Neutronic and Depletion Simulations for the High Flix Isotope Reactor Miller, William Anthony Miller, William Anthony Miller, William Anthony Miller, William Anthony High Fidelity Neutronic and Depletion Simulations for the High Flix Isotope Reactor Miller, William Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy National Renewable Energy Stafe, 504	Shen, Jian		Louisiana State University	\$56,377	
Tenopic, Caroli, Allard, Suzanne, Normore, Lorraine, Singh, Vandana COLLEGE OF EDUCATION, HEALTH & HUMAN SCIENCES Brewer, Ernest W. Upward Bound Math and Science Competition US Department of Education Stephen, Susan; Vols Teach Program The UTeach Institute \$1,25,000 Sardiner, Diane P. Oregon Adult Basic Skills Content Standards Plan 2009-2010 State of Oregon Stolits, Gary J. Evaluation of THEC/College Access Challenge Grant Program ODILEGE OF ENGINEERING Dongarra, Jack MCDA: Collaborative Research: A Multi-Element & Multi-Objective Optimization Approach for Allocating Tasks to Multi-Core Processors Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures JUN-HITS Distance Calculations UT-Battelle - ORNL Structures UT-Battelle - ORNL Stationary, Stationary, National Science Foundation Stationary, Stationary, National Science Foundation Stationary, Stationary, National Representation Stationary, National Science Foundation Stationary, Stationary, National Energy - Stationary, Canal Computer for Nullign Authors Miller, William Anthony Miller, William Anthony Miller, William Anthony High Fidelity Neutronic and Depletion Simulations for the High Flux Bosence Foundation Fundamental Information Fundation of Proton Transport through the Electrode' Electrolyte Interface of Fuel Cell Membrane Miller, William Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy State of Computer Fire Modeling for Nuclear En	Xue, Ziling			\$185,551	
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Brewer, Ernest W. Upward Bound Math and Science Competition US Department of Education \$297,034 Bursten, Bruce; Benner, Susan; Rider, Robert, Riechert, Susani Rider, Robert, Riechert, Riechert, Susani Rider, Robert, Riechert, Susani Rader, Diane P. Oregon Adult Basic Skills Content Standards Plan 2009-2010 State of Oregon \$12,505 Skollts, Gary J. Evaluation of THEC/College Access Challenge Grant Program Tennessee Higher Education Commission COLLEGE OF ENGINEERING Dongarra, Jack MCDA: Collaborative Research: A Multi-Element & Multi-Objective Optimization Approach for Allocating Tasks to Multi-Core Processors Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures Fathy, Aly; Gao, Yanfei 3D Multi-Physics Modeling and Codesign of Microelectronic System Han, Lee D. UT-NHTS Distance Calculations UT-Battelle - ORNL \$19,253 Hu, Bin CAREER: Research and Education in Development of Organic Spintronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Ministurized Wireless Implantable Biosensors for Multiple Analyte Monitoring Keffer, David; Cui, Shengting; Edwards, Brian; Paddison, Stephen Komistek, Richard; Mahfouz, Innovative Tools for In Vito Computational Prediction of Lumbar Stresses Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation National Science Foundation \$395,000 Ruggles, Arthur High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor Extended Computer Fire Modeling for Nuclear Engineering Professionals National Science Foundation \$395,000 Ruggles, Arthur High Fledelity Neutronic and Pepletion Simulations for the High Flux Isotope Reactor Extended Computer Fire Modeling for Nuclear Engineering Professionals National Renewable Energy \$44,504	COLLEGE OF EDUCATION, HEAL	TH & HUMAN SCIENCES			
Rider, Robert, Riechert, Susan Gardner, Diane P. Oregon Adult Basic Skills Content Standards Plan 2009-2010 State of Oregon St			US Department of Education	\$297,034	
Evaluation of THEC/College Access Challenge Grant Program Tennessee Higher Education Commission	Bursten, Bruce; Benner, Susan; Rider, Robert; Riechert, Susan	VolsTeach Program	The UTeach Institute	\$1,825,000	
COLLEGE OF ENGINEERING Dongarra, Jack MCDA: Collaborative Research: A Multi-Element & Multi-Core Processors Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures Applied Nanotech, Inc. \$21,000 Structures Applied Nanotech, Inc. \$21,000 Structures Applied Nanotech, Inc. \$21,000 Applied Nanotech, Inc. \$21,000 Structures Applied Nanotech, Inc. \$45,000 System JUT-Battelle - ORNL \$19,253 Hu, Bin CAREER: Research and Education in Development of Organic Spintronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring Keffer, David: Cui, Shengting; Edwards, Brian; Paddison, Stephen Komistek, Richard; Mahfouz, Mohamed Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Plux Isotope Reactor Miller, William Anthony Study of the Ventiliation of Residential Attics: Is Ventiliation Ruggles, Arthur HFIR Target Assessments Commission Semiconductor Research Adulti-Corporation Semiconductor Research Corporation Semiconductor Research Applied Nanotech, Inc. \$10,000 \$45,000 \$45,000 \$60,000 \$	Gardner, Diane P.	Oregon Adult Basic Skills Content Standards Plan 2009-2010	State of Oregon	\$12,505	
Dongarra, Jack MCDA: Collaborative Research: A Multi-Element & Multi-Corporation Semiconductor Research Corporation Structures Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures 3D Multi-Physics Modeling and Codesign of Microelectronic System Han, Lee D. UT-NHTS Distance Calculations UT-Battelle - ORNL Spintronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring A Unified Computational, Theoretical, and Experimental Incovative Tools for In Vito Computational Prediction of Lumbar Stresses Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Plux Isotope Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Supples Arthur; Icove, David Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy S10,000 Semiconductor Research Applied Nanotech, Inc. S21,000 Applied Nanotech, Inc. S10,000 S1	Skolits, Gary J.	Evaluation of THEC/College Access Challenge Grant Program		\$88,001	
Objective Optimization Approach for Allocating Tasks to Multi- Core Processors Fathy, Aly Wideband Metamaterial Antennas Integrated into Compite Structures Applied Nanotech, Inc. \$21,000 \$21,000 Applied Nanotech, Inc. \$21,000 Applied Nanotech, Inc. \$21,000 Applied Nanotech, Inc. \$45,000 Againnt Technologies, I	COLLEGE OF ENGINEERING				
Structures Fathy, Aly; Gao, Yanfei 3D Multi-Physics Modeling and Codesign of Microelectronic System UT-NHTS Distance Calculations UT-NHTS Distance Calculations UT-Battelle - ORNL \$19,253 Hu, Bin CAREER: Research and Education in Development of Organic Spintronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring Keffer, David; Cui, Shengting; Edwards, Brian; Paddison, Stephen Komistek, Richard; Mahfouz, Mohamed Komistek, Richard; Mahfouz, High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Ruggles, Arthur HFIR Target Assessments Camputer Fire Modeling for Nuclear Engineering Professionals National Renewable Energy \$438,775 Aglient Technologies, Inc. \$440,000 \$443,000 \$440,000 \$440,000 \$443,000 \$444,000 \$44	Dongarra, Jack	Objective Optimization Approach for Allocating Tasks to Multi-		\$10,000	
System S	Fathy, Aly		Applied Nanotech, Inc.	\$21,000	
Hu, Bin CAREER: Research and Education in Development of Organic Spintronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring Keffer, David; Cui, Shengting; Edwards, Brian; Paddison, Stephen A Unified Computational, Theoretical, and Experimental Investigation of Proton Transport through the Electrode/ Electrolyte Interface of Fuel Cell Membrane Komistek, Richard; Mahfouz, Mohamed Innovative Tools for In Vito Computational Prediction of Lumbar Stresses Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Necessary? Qi, Hairong; Cao, Qing Charles NeTS Small: Distributed Solutions to Smart Camera Networks National Science Foundation \$438,775 National Institute for Arthritis & Musculoskeletal and Skin Diseases UT-Battelle - ORNL \$32,500 Qi, Hairong; Cao, Qing Charles NeTS Small: Distributed Solutions to Smart Camera Networks National Science Foundation \$395,000 Ruggles, Arthur HFIR Target Assessments Computer Fire Modeling for Nuclear Engineering Professionals Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Fathy, Aly; Gao, Yanfei	, ,	Agilent Technologies, Inc.	\$45,000	
Spintronics Based on Spin Injection and Modification of Spin-Orbital Coupling in Magnetic Org Islam, Syed K. Miniaturized Wireless Implantable Biosensors for Multiple Analyte Monitoring Keffer, David; Cui, Shengting; Edwards, Brian; Paddison, Stephen A Unified Computational, Theoretical, and Experimental Investigation of Proton Transport through the Electrode/ Electrole/ Electrolyte Interface of Fuel Cell Membrane Komistek, Richard; Mahfouz, Malfouz, Mohamed Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Necessary? Qi, Hairong; Cao, Qing Charles NeTS Small: Distributed Solutions to Smart Camera Networks Ruggles, Arthur HFIR Target Assessments UT-Battelle - ORNL \$13,805 Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Nuclear Regulatory Commission Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Han, Lee D.	UT-NHTS Distance Calculations	UT-Battelle - ORNL	\$19,253	
Keffer, David; Cui, Shengting; Edwards, Brian; Paddison, Stephen Komistek, Richard; Mahfouz, Mohamed Komistek, Richard, Mahfouz, Mohamed Komistek, Richard; Mahfouz, Mational Institute for Arthritis & Musculoskeletal and Skin Diseases Wurl-Battelle - ORNL Kational Science Foundation Kational Renewable Energy Katended, Continuous Platinum Nanostructures in Thick, National Renewable Energy Katended, Continuous Platinum Nanostructures in Thick, National Renewable Energy	Hu, Bin	Spintronics Based on Spin Injection and Modification of Spin-	National Science Foundation	\$6,000	
Edwards, Brian; Paddison, Stephen Electrolyte Interface of Fuel Cell Membrane Innovative Tools for In Vito Computational Prediction of Lumbar Stresses Innovative Tools for In Vito Computational Prediction of Lumbar Arthritis & Musculoskeletal and Skin Diseases Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor UT-Battelle - ORNL \$19,000 William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Necessary? UT-Battelle - ORNL \$32,500 William Anthony Ruggles, Arthur HFIR Target Assessments UT-Battelle - ORNL \$13,805 William Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Ruggles, Arthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Islam, Syed K.		University of Connecticut	\$54,500	
Mohamed Stresses Arthritis & Musculoskeletal and Skin Diseases Maldonado, Guillermo Ivan High Fidelity Neutronic and Depletion Simulations for the High Flux Isotope Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Necessary? Qi, Hairong; Cao, Qing Charles NeTS Small: Distributed Solutions to Smart Camera Networks National Science Foundation \$395,000 Ruggles, Arthur HFIR Target Assessments UT-Battelle - ORNL \$13,805 Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Nuclear Regulatory Commission Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Edwards, Brian; Paddison,	Investigation of Proton Transport through the Electrode/		\$275,000	
Flux Isotopé Reactor Miller, William Anthony Study of the Ventilation of Residential Attics: Is Ventilation Necessary? Qi, Hairong; Cao, Qing Charles NeTS Small: Distributed Solutions to Smart Camera Networks Ruggles, Arthur HFIR Target Assessments UT-Battelle - ORNL \$13,805 Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Nuclear Regulatory Commission Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504		•	Arthritis & Musculoskeletal and	\$438,775	
Necessary? Qi, Hairong; Cao, Qing Charles NeTS Small: Distributed Solutions to Smart Camera Networks Ruggles, Arthur HFIR Target Assessments UT-Battelle - ORNL \$13,805 Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Maldonado, Guillermo Ivan		UT-Battelle - ORNL	\$19,000	
Ruggles, Arthur HFIR Target Assessments UT-Battelle - ORNL \$13,805 Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Nuclear Regulatory Commission \$48,121 Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Miller, William Anthony		UT-Battelle - ORNL	\$32,500	
Ruggles, Arthur; Icove, David Computer Fire Modeling for Nuclear Engineering Professionals Nuclear Regulatory Commission Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Qi, Hairong; Cao, Qing Charles	NeTS Small: Distributed Solutions to Smart Camera Networks	National Science Foundation	\$395,000	
Zawodzinski, Thomas Anthony Extended, Continuous Platinum Nanostructures in Thick, National Renewable Energy \$164,504	Ruggles, Arthur	HFIR Target Assessments	UT-Battelle - ORNL	\$13,805	
	Ruggles, Arthur; Icove, David	Computer Fire Modeling for Nuclear Engineering Professionals		\$48,121	
	Zawodzinski, Thomas Anthony			\$164,504	

INVESTIGATOR	TITLE	SPONSOR	AWARD
COLLEGE OF NURSING			
Bell, Donald M.	Expanding the Nurse Anesthesia Program to Increase Access to Quality for the Rural and Underserved	Health Resources and Services Administration	\$320,336
Creasia, Joan L.	Advanced Education Nursing Traineeship	Health Resources Services Administration	\$55,822
Lee, Jan L.	Nurse Faculty Loan Program (NFLP)	Health Resources and Services Administration	\$63,065
Lee, Jan L.	ARRA: Nursing Faculty Loan Program (NFLP) 2010-2011	Health Resources and Services Administration	\$27,094
COLLEGE OF SOCIAL WORK			
Campbell, Paul M.	Tennessee's Child Support Employment and Parenting Program - Knox County District	TN Dept of Human Services	\$227,072
Campbell, Paul M.; Cunningham, Maryanne Lynch	Child Care Quality Parent Education Campaign Survey	Signal Centers, Inc	\$23,756
Wodarski, John S.	HIV/AIDS and Substance Abuse Primary Prevention in Minority Adolescents	Substance Abuse & Mental Health Services Adm (SAMSA)	\$335,333
Wodarski, John S.	The East Tennessee Assertive Adolescent Family Treatment Program	Substance Abuse & Mental Health Services Adm (SAMSA)	\$297,920
CAMPUS CENTERS & INSTITUT	ES		
Browning, Brian Edward	Closed-Circuit Television System (R010138016 Advance Acct)	Knox County Health Department	\$21,000
Briscoe, Connie; Burroughs, Marci; Mallinckrodt, Brent; Reilly, Daniel	VolAware Suicide Prevention Initiative - A Collaborative Approach to Addressing Mental Health	Substance Abuse & Mental Health Services Adm (SAMSA)	\$99,999
Wilt, Catherine Anita; Geibig, Jack R.	Identification and Analysis of Product Exchange Information in the Building Products Sector	United Nations Environment Program	\$46,857
Woods, Clifton	Agreement for Technical Support	Exxon Chemical Co Polymers Licensing Mgr	\$56,000
Dahlin-Brown, Nissa D.; Gibson, Amy Kay	Knox County Election Commission: College Student Poll Worker Program	US Election Assistance Commission	\$61,000
Johnson, Jacqueline Anne	Study of the Evolution of Nanoparticle Crystallization and Optical Properties in Glass Ceramics	National Science Foundation	\$289,108
Muratore, John Francis	J85 Jet Engine Test Stand #2 Control Room Support	Aerospace Testing Alliance	\$10,000
Murray, George M.	Soluble Molecularly Imprinted Polymers for Biomedical Applications	Columbia BioSystems, Inc	\$204,056

RECOGNITIONS

J.A.M. "Toby" Boulet, associate professor of mechanical engineering, has been appointed by Gov. Phil Bredesen to one of the faculty seats on the University of Tennessee Board of Trustees.

Carol Costello, professor in the retail, hospitality and tourism management department, has been named the 2010 Tennessee Hospitality Educator of the Year by the Tennessee Hospitality Association.

T.K. Davis, associate professor in the College of Architecture and Design, has been named to the board of directors of the Nashville Civic Design Center. He is also a former design director for the organization.

Yanfei Gao, assistant professor of materials science and engineering, was part of an ORNL research team recognized by R&D Magazine's annual R&D 100 Awards. The team's invention — High-performance, high-Tc superconducting wires enabled via self-assembly of non-superconducting columnar defects — was honored as one of the 100 most technologically significant new products of 2010.

Erec R. Koch, head of modern foreign languages and literatures, and Gilya Schmidt, professor in religious studies, have received support for adding elementary and intermediate Arabic language courses, the infusion and enhancement of Arabic cultural information in appropriate courses, and the development of a gateway course for a possible Arab studies minor or major, as well as exchange programs with the Arab world.

Jeff Moersch, associate professor of earth and planetary sciences, has been named an editor of *Icarus*, the journal of the Division for Planetary Sciences of the American Astronomical Society and the oldest journal dedicated to planetary science. Moersch will be the editor for journal content related to Mars.

UT Knoxville Invention Disclosures for June 2010

Total supply capability for distribution systems, by Fanxing Li and Jun Xiao

CarbonFlex by Thomas Attard

FutureLens by **Michael W. Berry, Andrey A. Puretskiy** and **Gregory L. Shutt**

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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