

**Office of Research  
IT and Data Management Office**

December, 2012 New Awards

---

**Arts and Sciences, College of**

**Art**

**Ivashkevich, Olga**

*Women's Well Being Initiative Arts-Based Workshops for Lexington County Juvenile Justice Program - ( 10030-KL00 )* 1,500

**Sponsor:** Rise Above It, WCPD

**Co-PI:** Wolfgang, Courtnie

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Chemistry & Biochemistry**

**zur Loye, Hans-Conrad**

*Neutron Scattering Research Network for EPSCoR States - ( 13020-FC25 )* 30,000

**Sponsor:** University of Tennessee/DOE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 90,000

PROJECT\_YEARS: 1

**Criminology & Criminal Justice, Department of**

**Applegate, Brandon**

*Adolescent Drug Use, Violent Victimization, and Neighborhood Context - ( 12200-FA20 )* 27,608

**Sponsor:** Florida State University/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**English**

**Gwara, Scott**

*"Understanding the Medieval Book: Preaching and Piety" - ( 12530-FL04 )* 1,000

**Sponsor:** Humanities Council of SC/NEH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Office of Research  
IT and Data Management Office**

**December, 2012 New Awards**

---

**Geography**

**Emrich, Christopher**

*Integrating Social Vulnerability, Medical Vulnerability, Hazard Vulnerability, and  
Disaster Resilience for Public Health and Medical Preparedness - ( 13540-LA01 )* 113,999

**Sponsor:** Florida Department of Health, Bureau of Preparedness and Response

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**History**

**Weyeneth, Robert**

*GA: Jessie Childress - ( 13550-GP84 )* 5,500

**Sponsor:** S.C. Department of Archives and History (State Historic Preservation Office)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

*GA: Caroline Vereen - ( 13550-KP37 )* 6,000

**Sponsor:** Spartanburg County Historical Association

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Languages, Literatures, and Cultures**

**Vazsonyi, Nicholas**

*WagnerWorldWide: America Conference - ( 12610-LA00 )* 5,000

**Sponsor:** German Academic Exchange Service (DAAD)

**Co-PI:** Hubbert, Julie

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Mathematics**

**Sun, Yi**

*Visiting Professor at The University of Ohio State - ( 13060-LA00 )* 18,000

**Sponsor:** The University of Ohio State/MBI

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Office of Research**  
**IT and Data Management Office**

December, 2012 New Awards

---

**Engineering & Computing, College of**

**Chemical Engineering**

**Regalbuto, John**

*Distributed On-Farm Bioenergy, Biofuels and Biochemicals (FarmBio3) Development and Production via Integrated Catalytic Thermolysis. - ( 15510-FC18 )* 150,000

**Sponsor:** US Department of Agriculture (USDA)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 300,000  
PROJECT\_YEARS: 2

**White, Ralph**

*STTR: Phase 2 Capacity Fade of Lithium Ion Cells - ( 15510-FC17 )* 30,000

**Sponsor:** Quallion/DOD

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 2

**Civil & Environmental Engineering**

**Ziehl, Paul**

*N122-110 Innovative Structural Health Monitoring (SHM) System Capable of Detecting, Localizing, and Characterizing Damage in Composite Aircraft Structures - ( 15520-FB21 )* 22,000

**Sponsor:** Texas Research International Company/US Navy/DOD

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

*Investigation of the Performance and Benefits of Deck Tee Bridge Girders for Accelerated Construction - ( 15520-FB22 )* 199,979

**Sponsor:** SC Department of Transportation/FHWA/DOT

**Co-PI:** Rizos, Dimitris Caicedo, Juan

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 4

**Office of Research  
IT and Data Management Office**

December, 2012 New Awards

---

**Electrical Engineering**

**Ginn, Herbert**

*Hardware Platform for Validation of Research on Modular Multilayer Converter Control Systems - ( 15530-JA35 )* 44,211

**Sponsor:** ABB Global Research

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Medicine, School of**

**Pharmacology, Physiology & Neuroscience**

**Kelly, Michele**

*Compartmentalization of Cyclic Nucleotide Signaling in the Ventral Hippocampus - ( 18080-KA45 )* 60,000

**Sponsor:** PhRMA Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Pharmacy, SC College of**

**Palmetto Poison Center**

**Michels, Jill**

*Palmetto Health Alliance Education Collaboration - ( 11140-KL03 )* 25,000

**Sponsor:** Palmetto Health Alliance Office of Community Service

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Public Health, Arnold School of**

**Exercise Science**

**Youngstedt, Shawn**

*Testing the Sleep Hygiene Recommendation Against Nighttime Exercise - ( 11530-KA52 )* 10,000

**Sponsor:** National Sleep Foundation

**Co-PI:** IFTIKHAR, IMRAN

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 1

**Office of Research  
IT and Data Management Office**

December, 2012 New Awards

---

**USC Aiken**

**USC Aiken**

**Leverette, Chad**

*Uranium Particle Characterization - ( 17110-FA47 )*

26,424

**Sponsor:** SC Universities Research & Education Foundation (SCUREF)/DOE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**USC Beaufort**

**USC Beaufort - General**

**Upshaw, Jane**

*Debra Wallace Assignment Agreement - ( 17220-FA13 )*

516,432

**Sponsor:** National Aeronautics and Space Administration (NASA)

**Co-PI:** Wallace, Debra

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**USC Upstate**

**USC Upstate**

**Parker, Jennifer**

*Assessing South Carolina's Response to Child Abuse - ( 17880-KA29 )*

32,500

**Sponsor:** National Child Protection Training Center (NCPTC)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Timonov, Alex**

*International Collaborative Research Project: Quantitative Imaging of Shallow Water Environments in the Baltic Sea - ( 17880-LA01 )*

21,007

**Sponsor:** Swedish Defense Research Agency

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Office of Research  
IT and Data Management Office**

**December, 2012 New Awards**

---

**Turner, Jack**

*Renaming Nasty Creek - ( 17880-KL21 )*

24,000

**Sponsor:** Mary Black Foundation, Inc.

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Weber, Louanne**

*2012-2013 CDC Clinic Grant - ( 17880-FJ38 )*

14,920

**Sponsor:** SC Campaign to Prevent Teen Pregnancy/CDC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Report Total: \$1,385,080**