

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

June, 2014 New Awards

Arts and Sciences, College of

Biological Sciences

Klein, Savannah

Selective Advantage of Pathogenic Vibrio Parahaemolyticus in the Eastern Oyster, Crassostrea Virginica - (21600-KA77) 500

Sponsor: Slocum-Lunz Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Riley, Megan

Climate Change-mediated Range Expansion of a Major Mangrove Consumer into Salt Marsh Habitat - (21600-KA76) 600

Sponsor: Slocum-Lunz Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Twiss, Jeff

Modifying Intrinsic Growth Capacity through Axonal mRNA Translation - (13010-FC34) 380,584

Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 1,850,024
PROJECT_YEARS: 5

Chemistry & Biochemistry

Berg, Mark

Multidimensional Methods for Kinetics in Complex Materials - (13020-FC44) 449,999

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

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

June, 2014 New Awards

COBRE: Center for Colon Cancer Research

Berger, Franklin

Navigation-Centered Colorectal Cancer Screening in South Carolina - (13130-KL05) 225,000

Sponsor: Blue Cross Blue Shield of South Carolina Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Earth and Ocean Sciences

Benitez-Nelson, Claudia

Collaborative Research: Isotopic Insights to Mercury in Marine Food Webs and How it Varies with Ocean Biogeochemistry - (13050-FA00) 362,164

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Marine Science

Butz, Shelby

Uptake and Fate of Silver Nanoparticles in the American Oyster, Crassostrea Virginica - (21600-KA78) 1,130

Sponsor: Slocum-Lunz Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Shen, Yuan

Diurnal and Seasonal Changes in Labile Dissolved Organic Matter in a Salt-marsh Estuary - (21600-KA75) 1,200

Sponsor: Slocum-Lunz Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Mathematics

Thorne, Frank

Southeastern Number Theory Meetings - (13060-FA81) 13,360

Sponsor: National Science Foundation (NSF)

Co-PI: Filaseta, Michael Boylan, Matthew

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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

June, 2014 New Awards

Physics & Astronomy

Gothe, Ralf

JSA/Jefferson Lab Graduate Fellowship Award 2014/2015 - (13070-FB30) 12,000

Sponsor: Jefferson Science Associates, LLC JSA/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Political Science

Witko, Christopher

*Subaward: Party-Interest Group Relationships in Contemporary Democracies:
Character, Causes and Consequences - (13570-LA04)* 18,855

Sponsor: University of Oslo/Research Council of Norway

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Psychology

Kloos, Bret

Youth Homelessness Consultation - (13580-KA92) 6,000

Sponsor: United Way of the Midlands

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Business, Moore School of

Business, Moore School of - Division of Research

Von Nessen, Joseph

*S.C. Commission on Higher Education - Economic Impact of the SmartState
Program - (21200-GA26)* 21,000

Sponsor: SC Commission on Higher Education

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Office of Research
IT and Data Management Office

June, 2014 New Awards

Education, College of

Instruction & Teacher Education

Thompson, Stephen

Congaree National Park Curriculum Development Project - (15250-FL52) 2,500

Sponsor: Congree National Park/NPS/DOI

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Engineering & Computing, College of

Chemical Engineering

Yu, Miao

Collaborative Research: Advanced Zeolite-Composite Adsorbents with Fine-Tuned Pore Sizes for Molecular Sieving Separations - (15510-FC40) 227,788

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Computer Science & Engineering

Bakos, Jason

SHF: Small: Collaborative Research: The Automata Programming Paradigm for Genomic Analysis - (15590-FB04) 6,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Huhns, Michael

Evaluating the ESIP Ontologies for Mapping and Reconciliation - (15590-FB05) 3,250

Sponsor: Foundation on Earth Science/ORNL/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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

June, 2014 New Awards

Electrical Engineering

Benigni, Andrea

GRAPES GR-14-05 PV Inverter Control to Sustain High Quality of Service - (15530-JA41) 25,525

Sponsor: GRAPES

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Dougal, Roger

ESRDC - Designing and Powering the Future Fleet; Additional Task 1.4.3 Concept Refinement. - (15530-FB59) 167,481

Sponsor: Office of Naval Research (ONR)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

GRAPES (GR-14-06): DC Circuit Protection - (15530-JA42) 3,500

Sponsor: GRAPES

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Ginn, Herbert

GRAPES: GR14-04 Compensation Methods for Non-Periodic Currents - (15530-JA43) 14,000

Sponsor: GRAPES

Co-PI: Brice, Charles

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Santi, Enrico

GRAPES GR-14-03 Reliability of Grid-Connected Power Electronics: a Case Study - (15530-JA40) 16,000

Sponsor: GRAPES

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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

June, 2014 New Awards

Mechanical Engineering

Giurgiutiu, Victor

Physics of Materials Based Predictive Methodology for AE Signals ID Validated by Experiments under Various Operational and Environmental Conditions - (15540-FC68) 60,000

Sponsor: Office of Naval Research (ONR)

Co-PI: Cacuci, Dan

AWARD_PROJECT_AMT. IF AVAILABLE: 300,000

PROJECT_YEARS: 3

Hospitality, Retail & Sport Management, College of

Hotel, Restaurant & Tourism Administration

Li, Xiang (Robert)

Establishing a China U.S.-Travel Monitor Program - (14050-KA12) 34,000

Sponsor: National Tour Association

Co-PI: Harrill, Richard

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Law, School of

Law, School of

Robinson, Pamela

SC Bar Foundation Public Interest Fellows Program 2014-15 - (15800-KL26) 15,000

Sponsor: SC Bar Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Mass Communications & Information Studies, College of

Library & Information Sciences, School of

Hastings, Samantha

Beyond the Spectrum: Promoting the Use of NLM among South Carolinians Impacted by Autism Spectrum Disorders - (15700-FL02) 5,000

Sponsor: Univ of Maryland-National Network of Libraries of Medicine/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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

June, 2014 New Awards

Medicine, School of

Internal Medicine

Weissman, Sharon

University of West Indies (UWI), Jamaica/University of South Carolina Twinning Project 31,000
Partnership to Support Infectious Disease Post-Graduate Fellowship Training at UWI - (18190-FJ32)

Sponsor: American International Health Alliance (AIHA)/HRSA

Co-PI: Albrecht, Helmut Parker, R David Ahuja, Divya Duffus, Wayne

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Pathology, Microbiology and Immunology

Nagarkatti, Mitzi

VA Merit Award - Mitzi Nagarkatti 38,018
IPA for Yin Zhong - (18060-FA99)

Sponsor: William Jennings Dorn VA Hospital/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Pediatrics

Neuberg, Ronnie

COG Cancer Trials Support Unit (CTSU) - (18140-FA22) 3,000

Sponsor: Children's Hospital of Philadelphia (CHOP)/Children's Oncology Group/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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

June, 2014 New Awards

Rotholz, David

South Carolina Secondary Transition and Employment Advancement Model (SC-TEAM) - (18140-FM29) 106,666

Sponsor: Developmental Disabilities Council/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

IMPACT SC Self-Advocacy Initiatives - (18140-FM30) 21,556

Sponsor: Developmental Disabilities Council/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Pharmacy, SC College of

Clinical Pharmacy and Outcomes Sciences

Rudisill, Celeste

Agreement of Cooperation between USC and The Saudi Arabia National Guard Health Affairs - (11100-LJ00) 48,247

Sponsor: The Saudi Arabia National Guard Health Affairs

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Pharmaceutical and Biomedical Sciences

Creek, Kim

Center for Targeted Therapeutics (Core B) - (11160-FA01) 165,296

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

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

June, 2014 New Awards

Roninson, Igor
Center for Targeted Therapeutics (Admin Core) - (11160-FA00) 150,000
Sponsor: National Institute of General Medical Sciences (NIGMS)/ NIH
Co-PI:
AWARD_PROJECT_AMT. IF AVAILABLE: 11,337,200
PROJECT_YEARS: 5

Center for Targeted Therapeutics (Renovations) - (11160-FA05) 300,000
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Schools, Gary
Center for Targeted Therapeutics (Core D) - (11160-FA02) 207,513
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Shtutman, Michael
Center for Targeted Therapeutics (Project 1) - (11160-FA03) 214,170
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Xu, Peisheng
Center for Targeted Therapeutics (Project 4) - (11160-FA04) 219,750
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

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

June, 2014 New Awards

Public Health, Arnold School of

Communication Sciences & Disorders

Hudspeth, Sarah

Behavioral and Neurophysiological Outcomes Following Intensive Language Action Therapy (ILAT) Using the WHO-ICF Framework - (11560-KA18) 2,000

Sponsor: American Heart Association (AHA)

Co-PI: Richardson, Jessica

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Epidemiology & Biostatistics

McDermott, Suzanne

Improving the Health of People with Disabilities through Stated Based Public Health Programs - (11520-FL16) 264,363

Sponsor: Centers for Disease Control and Prevention (CDC)

Co-PI: Mann, Joshua

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Exercise Science

Wang, Xuewen

Effects of Sleep Restriction on Body Composition and Energy Expenditure during Dietary Weight Loss - (11530-KA57) 77,000

Sponsor: American Heart Association - Mid-Atlantic

Co-PI: Youngstedt, Shawn

AWARD_PROJECT_AMT. IF AVAILABLE: 154,000

PROJECT_YEARS: 1

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

June, 2014 New Awards

Wilcox, Sara

Health Promotion and Disease Prevention Research Centers; Faith, Activity, and Nutrition: Dissemination in Underserved Communities(CENTER CORE) - (11570-FB17) 341,203

Sponsor: Centers for Disease Control and Prevention (CDC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 4,350,000

PROJECT_YEARS: 5

Health Promotion and Disease Prevention Research Centers; Faith, Activity, and Nutrition: Dissemination in Underserved Communities (APPLIED RESEARCH PROJECT) - (11570-FB18) 408,797

Sponsor: Centers for Disease Control and Prevention (CDC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Health Promotion, Education & Behavior

Kaczynski, Andrew

Youth Engagement in Park Research and Evaluation - (11570-KA19) 15,000

Sponsor: National Recreation and Park Association (NRPA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Health Services Policy and Management

Gillam, Pamela

South Carolina Free Clinic Association Strategic Planning Process - (11550-KL16) 31,603

Sponsor: SC Free Clinic Association/Blue Cross Blue Shield of SC Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Kenison, Kelli

FitnessGram Evaluation Amendment to DHEC Contract - (11550-KL17) 20,439

Sponsor: SC Department of Health & Environmental Control/Blue Cross Blue Shield of SC Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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

June, 2014 New Awards

Public Health, Arnold School of - Dean

Pearson, Joseph

Organizational Development and Board Governance - (11500-KA14)

150,000

Sponsor: The Duke Endowment

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

USC Aiken

USC Aiken

Pirkle, William

Nuclear Forensics

Minority Serving Institution Collaboration Award Program - (17110-FA50)

106,725

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

USC Beaufort

USC Beaufort - Academic Affairs

Montie, Eric

Underwater Sound Exhibit at the Port Royal Sound Maritime Center - (17210-KA13)

26,000

Sponsor: Port Royal Sound Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

USC Salkehatchie

USC Salkehatchie

Boone, Terri

STEM Camp 2014 - (17660-FL42)

13,034

Sponsor: Allendale County School District /USDE

Co-PI: Boone, Terri

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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

June, 2014 New Awards

USC Upstate

USC Upstate

Parker, Jennifer

Center for Child Advocacy Studies Mock House Training Center - (17880-KJ07)

26,750

Sponsor: Women Giving for Spartanburg/USC UPSTATE Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS:

1

Report Total:

\$5,060,566