

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

February, 2014 New Awards

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**Arts and Sciences, College of**

**Archaeology & Anthropology, SC Institute of**

**DePratter, Chester**

*Camp Asylum Civil War Prison Excavations - ( 21300-HA03 )*

25,000

**Sponsor:** City of Columbia SC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Baruch Institute**

**Greenfield, Dianne**

*Development and Validation of a Novel Molecular Tool to Rapidly Detect and Quantify Harmful Algal Bloom (HAB) Species Linked with Fish Kills and Public Health - ( 21600-FC31 )*

31,529

**Sponsor:** SC Sea Grant Consortium/NOAA/DOC

**Co-PI:** Jones, William

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**Morris, James**

*Clonal Aging and the Molecular Basis for Sudden Marsh Dieback - ( 21600-FC30 )*

25,323

**Sponsor:** SC Sea Grant Consortium/NOAA/DOC

**Co-PI:** Dudycha, Jeffry

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**Smith, Erik**

*Hydrology and Pollutant Removal Performance in Detention Ponds Typical of the Lower Coastal Plain of South Carolina - ( 21600-FC28 )*

49,027

**Sponsor:** SC Sea Grant Consortium/NOAA/DOC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

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**Biological Sciences**

**Lovell, Charles**

*Vibrio Parahaemolyticus Virulence and Its Magnification in the Eastern Oyster, Crassostrea Virginica - ( 21600-FC29 )* 51,015

**Sponsor:** SC Sea Grant Consortium/NOAA/DOC

**Co-PI:**

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

**Tufford, Daniel**

*Water Level Logging on the Little Pee Dee River, SC - ( 21600-KA73 )* 13,230

**Sponsor:** The Nature Conservancy of South Carolina

**Co-PI:**

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

**Twiss, Jeff**

*Localized Synthesis of Ribosome Components - ( 13010-FC32 )* 179,771

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

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

**Chemistry & Biochemistry**

**Benicewicz, Brian**

*Dispersion of Nanoparticles in LLDPE Matrices - ( 13020-JA23 )* 71,331

**Sponsor:** Sealed Air Corp.

**Co-PI:**

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

**Earth and Ocean Sciences**

**Thunell, Robert**

*Collaborative Research: The Cariaco Basin Oceanographic Time Series - ( 13040-FC19 )* 230,137

**Sponsor:** National Science Foundation (NSF)

**Co-PI:** Benitez-Nelson, Claudia

AWARD\_PROJECT\_AMT. IF AVAILABLE: 615,209  
PROJECT\_YEARS: 5

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**Geography**

**Guo, Diansheng**

*Trees and Tweets: Mining Billions to Understand Human Migration and Dialect Variation - ( 13540-FB22 )* 124,881

**Sponsor:** Institute of Museum and Library Services/NEH

**Co-PI:** Kasakoff, Alice

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**Psychology**

**Cooper, Shauna**

*APA Dissertation Grant-Isha Metzger - ( 13580-KA91 )* 1,000

**Sponsor:** American Psychological Association

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Statistics**

**Grego, John**

*Statistical Support for SC DNR Freshwater Fisheries - ( 13080-GA14 )* 5,625

**Sponsor:** SC Department of Natural Resources

**Co-PI:** Sims, Wilma

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Business, Moore School of**

**Business, Moore School of - Division of Research**

**Von Nessen, Joseph**

*S.C. Manufacturing Extension Partnership Economic Impact Analysis - ( 21200-KA41 )* 15,000

**Sponsor:** SC Manufacturing Extension Partnership

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Engineering & Computing, College of**

**Chemical Engineering**

**Lauterbach, Jochen**

*REU Site: Cradle to the Grave - CO2 Opportunities and Challenges - ( 15510-FC33 )* 343,143

**Sponsor:** National Science Foundation (NSF)

**Co-PI:** Williams, Christopher

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Zhou, Xiao-Dong**

*EAGER: Direct Storage of Solar Energy as Electricity - ( 15510-FC32 )* 100,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Computer Science & Engineering**

**Beer, Jenay**

*Telerobotics Research - ( 15590-FB03 )* 10,000

**Sponsor:** Georgia Institute of Technology/USDE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 5

**Electrical Engineering**

**Dougal, Roger**

*ESRDC - Designing and Powering the Future Fleet - ( 15530-FB56 )* 300,000

**Sponsor:** Office of Naval Research (ONR)

**Co-PI:** Ginn, Herbert Santi, Enrico Li, Chen Khan, Jamil

AWARD\_PROJECT\_AMT. IF AVAILABLE: 3,022,302

PROJECT\_YEARS: 1

**Koley, Goutam**

*SBIR:(Phase I)Infrared-Transparent Electromagnetic Shield Coatings - ( 15530-FB55 )* 18,930

**Sponsor:** Structured Materials Industries, Inc./ONR

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Hospitality, Retail & Sport Management, College of**

***Hospitality, Retail & Sport Management - (Dean)***

**Hudson, Simon**

*Lake City Inn at the Crossroads Management Agreement: Lake City Partnership - ( 14000-JL00 )* 3,890

**Sponsor:** 120 West Main, LLC

**Co-PI:**

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

**Law, School of**

***Children's Law Center***

**Morris, Carolyn**

*Contract with Education Oversight Committee - ( 15810-GL13 )* 80,000

**Sponsor:** S.C. Education Oversight Committee

**Co-PI:**

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

**Medicine, School of**

***Family & Preventive Medicine***

**Strayer, Scott**

*Quit Advisor MD - ( 18130-FA26 )* 58,048

**Sponsor:** SilverChair +Communications, LLC/NIH/HHS

**Co-PI:**

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

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**Internal Medicine**

**Albrecht, Helmut**

*A Phase 3 Open-Label Study to Evaluate Switching from Optimized Stable Antiretroviral Regimens Containing Darunavir to Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide (E/C/F/TAF) Single Tablet Regimen (STR) plus Darunavir (DRV) in Treatment E* 6,250

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**Neurology**

**Sen, Souvik**

*South Carolina Collaborative Alliance for Stroke Trials- (SC-CoAST)- USC Subaward - ( 18450-FA07 )* 42,403

**Sponsor:** Medical University of South Carolina (MUSC)/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 212,015

PROJECT\_YEARS: 5

**Pathology, Microbiology and Immunology**

**Robinson, Cory**

*The Use Genetically Modified Francisella Tularensis LVS as a Novel Live Vaccine Platform - ( 18060-FA96 )* 7,000

**Sponsor:** West Liberty University Research Corporation/NASA

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Pediatrics**

**Rotholz, David**

*South Carolina Assistive Technology Expo 2014 - ( 18140-FJ35 )* 2,500

**Sponsor:** SC Developmental Disabilities Council/HHS

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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**Nursing, College of**

***Nursing***

**Andrews, Jeannette**

*REVENUE ACCOUNT - The Jonas Nurse Leaders Scholar Program (2014-2016 Cohort) - ( 11200-LA01 )* 7,500

**Sponsor:** The Jonas Center for Nursing and Veterans Healthcare

**Co-PI:**

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

**Pharmacy, SC College of**

***Clinical Pharmacy and Outcomes Sciences***

**Justo, Julie Ann**

*Knowledge and Attitudes of Doctor of Pharmacy Students Regarding the Appropriate Use of Antimicrobials - ( 11150-JA13 )* 9,000

**Sponsor:** Cubist Pharmaceuticals

**Co-PI:**

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

**Public Health, Arnold School of**

***Environmental Health Sciences***

**Lead, Jamie**

*9th International Conference on the Environmental Effects of Nanoparticles and Nanomaterials - ( 11510-FB53 )* 35,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:** Ross, Daniel

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

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**Epidemiology & Biostatistics**

**Hebert, James**

*Leveraging Best Practices in Mentoring from the Collective experience of Community Networks Program Centers - ( 11500-FA54 )* 21,744

**Sponsor:** University of Minnesota/NIH

**Co-PI:**

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

**Liu, Jihong**

*IPA: Health Resources and Service Administration - ( 11520-FL14 )* 44,146

**Sponsor:** US Department of Health and Human Services (HHS)

**Co-PI:**

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

**Exercise Science**

**Pate, Russ**

*Platform for Collaborative Bio-Signal Data Management and Analysis - Sub-contract with Enformia, Inc. - ( 11530-FA98 )* 75,000

**Sponsor:** Enformia, Inc./NIH

**Co-PI:** McIver, Kerry Dowda, Marsha

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

**Health Services Policy and Management**

**Hale, Nathan**

*Children's Trust Support for Expectant and Parenting Teens, Women, Fathers and their Families (PAF) Program Evaluation - ( 11550-FL24 )* 120,000

**Sponsor:** The Children's Trust of South Carolina/HHS

**Co-PI:** Martin, Amy

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

**Khan, Mahmud**

*Economics of Inactivated Polio Vaccine (IPV) Introduction in India - ( 11550-JA00 )* 19,066

**Sponsor:** Sanofi Pasteur

**Co-PI:**

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



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**Public Health, Arnold School of - Dean**

**Smithwick, Julie**

*Affordable Care Act Specialist, PASOs Proposal - ( 11500-KJ20 )* 78,484

**Sponsor:** SC Office of Rural Health/ The Benefit Bank

**Co-PI:**

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

*PASOs ACA Specialist Salary Funding - ( 11500-KL29 )* 15,000

**Sponsor:** Greenville Hospital System Center for Pediatric Medicine

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 30,000  
PROJECT\_YEARS: 2

**Research, Vice President for**

**Sponsored Awards Management**

**Morris, Julie**

*SCAMP Phase III: Enhancing Opportunities to Transition Students into Successful STEM Pathways - ( 21000-FA08 )* 80,000

**Sponsor:** SC State University/NSF

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 5

**Social Work, College of**

**Families in Society, Institute for**

**Shapiro, Cheri**

*MOA between SCDC and USC IFS for Data Management Services Need to Support the Psychometric Development of a Risk and Needs Assessment for the Adult Male Population at SCDC - ( 10010-GL09 )* 14,803

**Sponsor:** SC Department of Corrections

**Co-PI:**

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

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**USC Greenville School of Medicine**

***Medicine, School of - Greenville Campus***

**Egan, Brent**

*Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study - ( 16000-FA03 )* 50,000

**Sponsor:** Medical University of SC/NIH

**Co-PI:** Davis, Rob

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

*Emergency Department and Hospital Admissions for Cardiovascular Conditions among Patients with Apparent Resistant Hypertension-Phase 2, Part 2 - ( 16000-JA01 )* 52,500

**Sponsor:** Medtronic

**Co-PI:** Davis, Rob

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Report Total: \$2,417,276**