

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

October, 2014 New Awards

---

**Arts and Sciences, College of**

**Archaeology & Anthropology, SC Institute of**

**DePratter, Chester**

*Artifact Curation for the Charlesfort/Santa Elena Archaeological Collection - ( 21300-FA88 )* 110,000

**Sponsor:** US Army Corps of Engineers/DOD

**Co-PI:**

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

**Smith, Karen**

*Five Late Discoveries, U.S. Army Garrison, Fort Jackson, South Carolina - ( 21300-FA89 )* 54,764

**Sponsor:** US Army Corps of Engineers/DOD

**Co-PI:**

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

*Laurens and Spartanburg Counties Site File Digitization Project - ( 21300-FL10 )* 15,358

**Sponsor:** SC Department of Transportation(SCDOT)/FHWA

**Co-PI:**

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

**Smith, Steven**

*Columbia Archaeology Program - ( 21300-HL00 )* 135,000

**Sponsor:** City of Columbia

**Co-PI:**

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

**Baruch Institute**

**Morris, James**

*Optimization of Marsh Restoration for Storm Surge Abatement and Sea Level Rise - ( 21600-FC35 )* 230,000

**Sponsor:** US Fish & Wildlife Service/DOI

**Co-PI:**

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

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

**October, 2014 New Awards**

---

**Chemistry & Biochemistry**

**Benicewicz, Brian**

*Polymers for Pu Anion Exchange Microchannel Array - ( 13020-FC46 )* 40,000

**Sponsor:** SCUREF/Savannah River National Laboratory (SRNL)/DOE

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 120,000

PROJECT\_YEARS: 3

**Physics & Astronomy**

**Mishra, Sanjib**

*FNAL-USC-LBNE-LAr-Aug14-v4 - ( 13070-FB33 )* 51,614

**Sponsor:** Fermi National Accelerator Laboratories (FNAL)/DOE

**Co-PI:** Tian, Xinchun Petti, Roberto

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Political Science**

**Smith, Gordon**

*Justice Sector Training, Research, and Coordination Program (JusTRAC) - ( 61000-FA06 )* 4,704,125

**Sponsor:** US Department of State (DOS)

**Co-PI:** Samuels, Joel

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 5

**Psychology**

**Weber, Lynn**

*Diversity the Faculty, Transform the Institution: Learning from the Work-Life Experience of African American, Latina/o and Native American Faculty - ( 13580-KA93 )* 6,350

**Sponsor:** Univ of Maryland/Annie E Casey Foundation

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

October, 2014 New Awards

---

**Engineering & Computing, College of**

**Chemical Engineering**

**Yu, Miao**

*Producing > 95% Purity O2 from Air Using Single-stage Membrane Contactor with Oxygen Carry Based Solution - ( 15510-FC48 )* 200,000

**Sponsor:** Gas Technology/DOE

**Co-PI:**

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

**Civil & Environmental Engineering**

**Matta, Fabio**

*Radionuclide Waste Disposal: Development of Multi-scale Experimental and Modeling Capabilities - ( 15520-FB27 )* 290,649

**Sponsor:** Clemson University/DOE EPSCoR

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:  
PROJECT\_YEARS: 3

**Computer Science & Engineering**

**Huhns, Michael**

*Science and Engineering Short Courses: Network and Software Applications Security - ( 15590-FB08 )* 74,022

**Sponsor:** US Navy SPAWAR System Center Atlantic Charleston/DOD

**Co-PI:** Farkas, Csilla

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

*Science and Engineering Short Courses: Mobile Ad Hoc Networks (MANET) - ( 15590-FB09 )* 74,022

**Sponsor:** US Navy SPAWAR System Center Atlantic Charleston/DOD

**Co-PI:** Nelakuditi, Srihari

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

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

October, 2014 New Awards

**Mechanical Engineering**

**Bayoumi, Abdel**

*DESIGN, Build, and Operate a Blackhawk Auxiliary Power Unit TEST STAND - ( 15540-FC79 )* 854,860

**Sponsor:** SC National Guard/DOD

**Co-PI:**

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

*Identifying Benefits to the Soldier and Maintainer, and Identifying Efficiencies in the Operational Environment through Multi-Platform DSC/HUMS Analysis - ( 15540-FC80 )* 275,000

**Sponsor:** SC National Guard/DOD

**Co-PI:**

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

*Hands-on Practical Experience with Apache HUMS System - ( 15540-JJ01 )* 30,000

**Sponsor:** The Boeing Company

**Co-PI:**

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

**Knight, Travis**

*Radionuclide Waste Disposal: Development of Multi-scale Experimental and Modeling Capabilities - ( 15540-FC81 )* 102,432

**Sponsor:** Clemson University/DOE EPSCoR

**Co-PI:** Matta, Fabio Ziehl, Paul Caicedo, Juan

AWARD\_PROJECT\_AMT. IF AVAILABLE: 1,035,000  
 PROJECT\_YEARS: 3

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

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

**Hudson, Simon**

*Beaufort, NC Development Evaluation: Front Street Village - ( 14000-JA02 )* 9,425

**Sponsor:** Beaufort Hospitality Enterprises (BHE)

**Co-PI:** Cardenas, David Meng, Fang So, Kevin Kam Fung

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

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

**October, 2014 New Awards**

---

**Mass Communications & Information Studies, College of**

**Journalism & Mass Communications, School of**

**Tanner, Andrea**

*From Health Coverage to Care:* 75,000  
*Developing an Evidence-Based Affordable Care Act Education and Health Literacy Program Tailored to Richland County Residents - ( 15600-KA11 )*

**Sponsor:** Central Carolina Community Foundation/John S. and James L. Knight Foundation

**Co-PI:** Friedman, Daniela

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Medicine, School of**

**Cell Biology & Anatomy**

**Spinale, Francis**

*VA/IPA - Kia Zellars - ( 18020-FB34 )* 20,335

**Sponsor:** WJB Dorn VA Medical Center/VA

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

*VA/IPA - Heather Doviak - ( 18020-FB35 )* 28,795

**Sponsor:** WJB Dorn VA Medical Center/VA

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 2

**Genetics**

**Edwards, Janice**

*Conference Grant: "Educating Next Generation Genetic Counselors" - ( 18210-FJ00 )* 2,500

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

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

**October, 2014 New Awards**

---

**Health & Safety**

**Johnson, Tony**

FY2015 Collegiate Recycling Grant - ( 18390-GL04 ) 1,250

**Sponsor:** SC Department of Health & Environmental Control (DHEC)

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Neuropsychiatry**

**Dawson, Robert**

Rehabilitation Long-Term Training: Expanding the Next Generation of Psychiatric  
Rehabilitation Professionals - ( 18120-FJ04 ) 148,803

**Sponsor:** US Department of Education (USDE)

**Co-PI:** Lachance, Kerry

AWARD\_PROJECT\_AMT. IF AVAILABLE: 744,015

PROJECT\_YEARS: 5

**Pathology, Microbiology and Immunology**

**Catropo, James**

ICPI Medical Student Interest Group (MSIG) Program for the 2014-2015 Academic  
Year - ( 18060-KJ01 ) 1,000

**Sponsor:** Intersociety Council for Pathology Information

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Pediatrics**

**Jackson, Malaka**

"ANSWER" Norditropin National Registry - ( 18140-JA31 ) 1,050

**Sponsor:** Novo Nordisk

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

October, 2014 New Awards

---

**Nursing, College of**

**Nursing**

**Adams, Swann**

*A Geospatial Investigation of Breast Cancer Treatment - ( 11200-FA22 )* 425,800

**Sponsor:** National Cancer Institute (NCI)/NIH

**Co-PI:**

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

**Bell, Nathaniel**

*When Cancer Is Identified After Trauma: What are the Outcomes? - ( 11200-KA16 )* 2,500

**Sponsor:** Health Sciences South Carolina (HSSC)

**Co-PI:** Adams, Swann Eberth, Jan Salloum, Ramzi

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

**Matutina, Robin**

*Exploring the Perceptions of Male Nursing Students Enrolled in a Traditional Baccalaureate Degree Nursing Program - ( 11200-KA17 )* 1,200

**Sponsor:** SC Nurses Foundation Board of Trustees

**Co-PI:**

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

**Pharmacy, SC College of**

**Pharmacy - Clinical Pharmacy and Outcomes Sciences**

**Lu, Kevin**

*Sitagliptin Exposure and the Risk of Pancreatic Cancer Among Patients with Type- 2 Diabetes Mellitus - ( 11150-JA16 )* 15,442

**Sponsor:** Restaino Siler, LLC

**Co-PI:**

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

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

October, 2014 New Awards

---

**Pharmacy Graduate Program**

**Provence, Aaron**

*KCNQ Channels of the Urinary Bladder: A Functional Role and Therapeutic Potential - ( 11110-FA72 )* 30,784

**Sponsor:** National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

**Co-PI:** Petkov, Georgi

AWARD\_PROJECT\_AMT. IF AVAILABLE: 92,362

PROJECT\_YEARS: 3

**Public Health, Arnold School of**

**Epidemiology & Biostatistics**

**McDermott, Suzanne**

*AUCD Technical Assistance on Medicaid Data - ( 11520-FB46 )* 25,000

**Sponsor:** Association of University Centers on Disabilities/CDC

**Co-PI:** Mann, Joshua

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Health Promotion, Education & Behavior**

**Annang, Lucy**

*Rebuilding the Graniteville, SC Community through Health Communication and Promotion, and Public Health Tracking - ( 11540-FA59 )* 10,071

**Sponsor:** Medical University of South Carolina/CDC

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Frongillo, Edward**

*Analysis of Early Childhood Development and Nutrition Indicators Across Countries Using the Multiple Indicator Cluster Surveys Round 4 (35-40 countries with both nutrition and ECD data) - ( 11540-LA00 )* 37,850

**Sponsor:** The Sackler Institute for Nutrition Science

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1



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

**October, 2014 New Awards**

---

**Health Services Policy and Management**

**Salloum, Ramzi**

*Patterns of Care and Recurrence of Prostate Cancer - ( 11550-FA55 )* 13,675

**Sponsor:** Kaiser Foundation Research Institute/NIH

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Xirasagar, Sudha**

*Impact Physician Training in EMR Use on Physicians' Use of EMR - ( 11550-LL03 )* 5,504

**Sponsor:** Sisters of Charity Providence Hospitals

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

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

**Pearson, Joseph**

*Proviso 118.16 FY 2014-15 Funding for the IMPH - ( 11500-GA02 )* 400,000

**Sponsor:** MUSC/SC State Treasurer's Office

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 1

**Social Work, College of**

**Social Work, College of**

**DeHart, Dana**

*SC Higher Education Partnership on Correctional Mental Health (full proposal) - ( 15900-FL48 )* 399,683

**Sponsor:** Bureau of Justice Assistance/DOJ

**Co-PI:** Iachini, Aidyn

AWARD\_PROJECT\_AMT. IF AVAILABLE:

PROJECT\_YEARS: 3

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

**October, 2014 New Awards**

---

**Nguyen, Huong**

*Vocational Training Program for Vietnam Ministry of Labor, Invalids, and Social Affairs (MOLISA) - ( 15900-LJ02 )* 44,815

**Sponsor:** Vietnam Ministry of Labor, Invalids, and Social Affairs (MOLISA)

**Co-PI:**

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

**Wooten, Nikki**

*Regional Approaches for the Star Behavioral Health Providers Program - ( 15900-KA28 )* 82,661

**Sponsor:** Purdue University/Wounded Warrior Project

**Co-PI:**

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

**University Libraries**

**University Libraries**

**Boyd, Kate**

*South Carolina Digital Library Ongoing Initiative 2014-15 - ( 30000-FL15 )* 20,500

**Sponsor:** South Carolina State Library, Library Services and Technology Act (LSTA)/IMLS

**Co-PI:**

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

**USC Aiken**

**USC Aiken**

**Padgett, Mila**

*Aiken Cardiac Rehabilitation - ( 17110-LL00 )* 117,328

**Sponsor:** Aiken Regional Medical Center

**Co-PI:**

AWARD\_PROJECT\_AMT. IF AVAILABLE: 359,083  
PROJECT\_YEARS: 3

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

**October, 2014 New Awards**

---

**Report Total: \$9,169,167**