<table>
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<tr>
<th>Institution</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Amount</th>
<th>Sponsor Code</th>
<th>Project Years</th>
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<td>Arnold School of Public Health</td>
<td>Assessment of Spanish-English Speakers' Language and Literacy Development</td>
<td>American Speech-Language-Hearing Foundation</td>
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<td>Epidemiology &amp; Biostatistics</td>
<td>University of Kentucky Markey Cancer Center - Cancer Center Support Grant</td>
<td>University of Kentucky Research Foundation/NCI/NIH</td>
<td>58,598</td>
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<td>McLain, Alexander</td>
<td><em>Feasibility of Creating Small Area Estimates Using Weighted, Multilevel Prediction Models: an Application for the National Survey of Children’s Health</em>Phase II</td>
<td>National Network of Public Health Institutes (NNPHI)/CDC</td>
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<td>PASOS</td>
<td>DHEC WIC and PASOs Contract</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/USDA</td>
<td>707,884</td>
<td>10009644</td>
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College of Arts and Sciences

Anthropology

Fogle, Kevin

*CESU: Connecting African American History to Cumberland Island National Seashore*

**Sponsor:** National Park Service/DOI

- PS PROJECT: 10009616
- AWARD_PROJECT_AMT. IF AVAILABLE: 
- PROJECT YEARS: 5

Criminology & Criminal Justice

Alpert, Geoffrey

*Assessment of Cognitive Performance-based Training to Improve Police Decision-making*

**Sponsor:** Michigan State University (MSU)/DOJ

- PS PROJECT: 10009614
- AWARD_PROJECT_AMT. IF AVAILABLE: 
- PROJECT YEARS: 2

History

Donaldson, Bobby

*Justice for All Digital Exhibit*

**Sponsor:** National Park Service (NPS)/DOI

- PS PROJECT: 10009618
- AWARD_PROJECT_AMT. IF AVAILABLE: 
- PROJECT YEARS: 3

*Justice for All, Traveling Exhibit*

**Sponsor:** SC Humanities/NEH

- PS PROJECT: 10009659
- AWARD_PROJECT_AMT. IF AVAILABLE: 
- PROJECT YEARS: 1
Psychology

Weist, Mark
Enhancing School-Based Violence Prevention through Multilevel Racial/Ethnic Discrimination Intervention (Subaward of MUSC)  
Sponsor: Medical University of SC/NIH  
AWARD_PROJECT_AMT. IF AVAILABLE: 20,627  
PROJECT YEARS: 5

College of Education

Child Development Res. Center
Rao, Vasanthi
Child Care Data Collection and Analysis 2019-2020  
Sponsor: SC Department of Social Services (DSS)/HHS  
AWARD_PROJECT_AMT. IF AVAILABLE: 504,002  
PROJECT YEARS: 1

Educ. Leadership & Policies

Anderson, Christian
Freedom’s Lawmakers: Black Leadership during Reconstruction - Misremembering and Reclaiming Black Reconstruction Leadership. (July 5-25 2020)  
Sponsor: National Endowment for the Humanities (NEH)  
AWARD_PROJECT_AMT. IF AVAILABLE: 346,024  
PROJECT YEARS: 2

Educational Studies

Limberg-Ohrt, Dodie
Project IMPACT: Improving the Mental Health of Students with Emotional and Behavioral Disorders by Preparing School Counselors and Special Education Teachers to Collaborate on an Interdisciplinary Team  
Sponsor: U.S. Department of Education (USDE)  
AWARD_PROJECT_AMT. IF AVAILABLE: 432,120  
PROJECT YEARS: 5
Instruction & Teacher Educ.
Roy, George
University of South Carolina – Transition to Teaching Residency (UofSC-T3) 2,670,928
Sponsor: US Department of Education (USDE)
PS PROJECT: 10009636
AWARD_PROJECT_AMT. IF AVAILABLE: 4,612,301
PROJECT YEARS: 5

Research, Eval., & Measurement
Lewis, Ashlee
Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2020) 30,000
Sponsor: SC Department of Education (SCDE)
PS PROJECT: 10009656
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS:

College of Engineering & Comp.
Chemical Engineering
Monnier, John
DOE Phase II: Integrated Membrane Reactor for Enhancing Thermal & Chemical Reactors 427,806
Sponsor: Compact Membrane Systems, Inc.(CMS)/DOE
PS PROJECT: 10009623
AWARD_PROJECT_AMT. IF AVAILABLE: 385,322
PROJECT YEARS: 2

Catalytic Plasmonic Ribbon 25,000
Sponsor: Aquaneers Inc./DOE
PS PROJECT: 10009626
AWARD_PROJECT_AMT. IF AVAILABLE: 25,000
PROJECT YEARS: 1
Moss, Melissa
REU Site: Engineering Medical Advances at the Interface of Experiments and Computation
Sponsor: National Science Foundation (NSF)
PS PROJECT: 10009631
AWARD_PROJECT_AMT. IF AVAILABLE: 1
PROJECT YEARS: 3

White, Ralph
A 1D Mathematical Model for Lithium Polysulfide (PS) Management in Lithium Sulfur Batteries
Sponsor: Alliance for Sustainable Energy, LLC/NREL
PS PROJECT: 10009643
AWARD_PROJECT_AMT. IF AVAILABLE: 24,992
PROJECT YEARS: 1

Civil & Environmental Eng.
Hoque, Shamia
Green plasma technology for siloxane removal and landfill gas upgrade
Sponsor: Environmental Protection Agency (EPA)
PS PROJECT: 10009627
AWARD_PROJECT_AMT. IF AVAILABLE: 24,992
PROJECT YEARS: 1

Computer Science & Engineering
Sheth, Amit
HazardSEES: Social and Physical Sensing Enabled Decision Support for Disaster Management and Response
Sponsor: Ohio State University/NSF
PS PROJECT: 10009642
AWARD_PROJECT_AMT. IF AVAILABLE: 1
PROJECT YEARS: 1
Mechanical Engineering

Huang, Xinyu

*Develop and Apply Hydrophobic Coating to Cell Support Structures for Skyre Hydrogen Pump*

Sponsor: Skyre Inc./NASA
PS PROJECT: 10009646
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Wang, Yi

*Multi-fidelity Surrogate Modeling and Data Fusion for Accurate Structural Buffet Load Prediction*

Sponsor: CFD Research Corporation/US Navy/DOD
PS PROJECT: 10009652
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

College of Nursing

Nursing

Jaja, Cheedy

*Insights into Microbiome and Environmental Contributions to Sickle Cell Disease and Leg Ulcers Study (INSIGHTS Study)*

Sponsor: National Institutes of Health (NIH)
PS PROJECT: 10009632
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

College of Social Work

Families in Society, Institute

Shapiro, Cheri

*Evaluation of Resilient Richland Program*

Sponsor: United Way of the Midlands
PS PROJECT: 10009624
AWARD_PROJECT_AMT. IF AVAILABLE: 35,000
PROJECT YEARS: 2
### Social Work - Dean’s Office

**Browne, Teri**  
*Improving SC Rural Health Workforce Recruitment & Retention*  
$628,504$  
* Sponsor: *  
SC Center for Rural and Primary Healthcare/SCDHHSS  
PS PROJECT:  
10009617  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

### Darla Moore School of Business

**Moore Sch - Div. of Research**  
**Von Nessen, Joseph**  
*S.C. State Housing Finance and Development Authority - Economic Impact Analysis FY19*  
$44,000$  
* Sponsor: *  
SC State Housing Finance and Development Authority  
PS PROJECT:  
10009613  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

### Law Enforcement & Safety

**Law Enforc. & Safety**  
**Culp, Erin**  
*Law Enforcement Professionals Body Worn Camera Fund*  
$4,500$  
* Sponsor: *  
SC Department of Public Safety, Office of Highway Safety and Justice Programs  
PS PROJECT:  
10009637  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1
School of Law

Children’s Law Center
Morris, Carolyn
Court Improvement Basic Grant
Sponsor: SC Court Administration
PS PROJECT: 10009634
AWARD_PROJECT_AMT. IF AVAILABLE: 1
PROJECT YEARS: 1

Court Improvement Program Training Grant
Sponsor: SC Court Administration/HHS
PS PROJECT: 10009635
AWARD_PROJECT_AMT. IF AVAILABLE: 1
PROJECT YEARS: 1

School of Medicine

Cell Biology & Anatomy
Azhar, Mohamad
Cardiovascular Calcification: Mechanisms and Therapy
Sponsor: Clemson University/NHLBI/NIH
PS PROJECT: 10009647
AWARD_PROJECT_AMT. IF AVAILABLE: 96,165
PROJECT YEARS: 3

Neurology
Sen, Souvik
A Global, Phase 2, Randomized, Double-Blind, Placebo-Controlled, Response-Adaptive Dose-Ranging Study of BMS-986177, an Oral Factor Xa Inhibitor, for the Prevention of New Ischemic Stroke or New Covert Brain Infarction in Patients Receiving Aspirin and Clopidogrel Following Acute Ischemic Stroke or Transient Ischemic Attack (TIA)
Sponsor: PPD Investigator Services LLC/Bristol-Myers Squibb
PS PROJECT: 10009638
AWARD_PROJECT_AMT. IF AVAILABLE: 2
PROJECT YEARS: 2
Office of Research
IT and Data Management Office
October, 2019 New Awards

Path, Microbio. & Immunology
Catroppo, James
ICPI Medical Student Group (MSIG) Program for the 2019-2020 Academic Year 500

Sponsor: Intersociety Council for Pathology Information, Inc./ASIP
PS PROJECT: 10009658
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Nagarkatti, Mitzi
Epigenetic mechanisms in Transgenerational Effects of an Environmental Pollutant 1,000,566

Sponsor: National Institute of Environmental Health Sciences (NIEHS)/NIH
PS PROJECT: 10009612
AWARD_PROJECT_AMT. IF AVAILABLE: 2,453,926
PROJECT YEARS: 5

Pediatrics
Cramer, Stuart
COG: Workload Intensity (NCTN Grant 2U10CA180886) 7,000

Sponsor: The Children's Hospital of Philadelphia contracting on Behalf of the Children's Oncology Group/NIH
PS PROJECT: 10009639
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 6

COG: Per Case Reimbursement (NCTN Grant 2U10CA180886) 4,950

Sponsor: The Children's Hospital of Philadelphia contracting on behalf of the Children's Oncology Group/NIH
PS PROJECT: 10009640
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 6
Pharm., Physiology & Neurology
Pocivavsek, Ana
Targeted Manipulation of Brain KYNA by Genetic and Pharmacological Means: Biochemical and Functional Effects
Sponsor: University of Maryland/NIH
PS PROJECT: 10009657
AWARD_PROJECT_AMT. IF AVAILABLE: 682,220
PROJECT YEARS: 5

University of SC Aiken
AK Research Support
Pirkle, William
Management of Nuclear Nonproliferation International Safeguards Graduate Fellowship Program (NNIS)
Sponsor: SC Universities Research and Education Foundation (SCUREF)/SRNS/NNSA/DOE
PS PROJECT: 10009615
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 5

University of SC Beaufort
BFT Natural Sciences
Ritchie, Kimberly
Project Title: Development of a Rapid DNA-based Detection Assay to Differentiate Animal Fecal Coliforms in Oyster Beds
Sponsor: Spring Island Trust
PS PROJECT: 10009651
AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1
University of SC Upstate

Upstate

Damrel, David

*American Qur'an Art Exhibition and Public Lectures*  

**Sponsor:** SC Humanities/NEH

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Report Total: $9,909,123