

Office of Research
IT and Data Management Office

October, 2019 New Awards

Arnold School of Public Health

Communication Sci & Disorders

Fitton, Lisa

Assessment of Spanish-English Speakers' Language and Literacy Development 10,000

Sponsor: American Speech-Language-Hearing Foundation

PS PROJECT: 10009655

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Epidemiology & Biostatistics

Hebert, James

University of Kentucky Markey Cancer Center - Cancer Center Support Grant 58,598

Sponsor: University of Kentucky Research Foundation/NCI/NIH

PS PROJECT: 10009653

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

McLain, Alexander

"Feasibility of Creating Small Area Estimates Using Weighted, Multilevel Prediction Models: an Application for the National Survey of Children's Health"Phase II 120,761

Sponsor: National Network of Public Health Institutes (NNPHI)/CDC

PS PROJECT: 10009633

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

PASOS

Martin, Maria

DHEC WIC and PASOs Contract 707,884

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

PS PROJECT: 10009644

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

Office of Research
IT and Data Management Office

October, 2019 New Awards

College of Arts and Sciences

Anthropology

Fogle, Kevin

CESU: Connecting African American History to Cumberland Island National Seashore 125,266

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 42,575

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 74,176

Sponsor: National Park Service (NPS)/DOI

PS PROJECT: 10009618

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Justice for All, Traveling Exhibit 8,000

Sponsor: SC Humanities/NEH

PS PROJECT: 10009659

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

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

October, 2019 New Awards

Psychology

Weist, Mark

*Enhancing School-Based Violence Prevention through Multilevel Racial/Ethnic
Discrimination Intervention (Subaward of MUSC)* 20,627

Sponsor: Medical University of SC/NIH

PS PROJECT: 10009611

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

College of Education

Child Development Res. Center

Rao, Vasanthi

Child Care Data Collection and Analysis 2019-2020 504,002

Sponsor: SC Department of Social Services (DSS)/HHS

PS PROJECT: 10009645

AWARD_PROJECT_AMT. IF AVAILABLE:

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)* 346,024

Sponsor: National Endowment for the Humanities (NEH)

PS PROJECT: 10009654

AWARD_PROJECT_AMT. IF AVAILABLE:

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* 432,120

Sponsor: U.S. Department of Education (USDE)

PS PROJECT: 10009648

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

Office of Research
IT and Data Management Office

October, 2019 New Awards

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: 1

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

Office of Research
IT and Data Management Office

October, 2019 New Awards

Moss, Melissa

REU Site: Engineering Medical Advances at the Interface of Experiments and Computation

1,080,000

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10009631

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

White, Ralph

A 1D Mathematical Model for Lithium Polysulfide (PS) Management in Lithium Sulfur Batteries

44,999

Sponsor: Alliance for Sustainable Energy, LLC/NREL

PS PROJECT: 10009643

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Civil & Environmental Eng.

Hoque, Shamia

Green plasma technology for siloxane removal and landfill gas upgrade

74,976

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

110,000

Sponsor: Ohio State University/NSF

PS PROJECT: 10009642

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

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

October, 2019 New Awards

Mechanical Engineering

Huang, Xinyu

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

77,215

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

40,311

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)

67,065

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

20,070

Sponsor: United Way of the Midlands

PS PROJECT: 10009624

AWARD_PROJECT_AMT. IF AVAILABLE: 35,000

PROJECT YEARS: 2

Office of Research
IT and Data Management Office

October, 2019 New Awards

Social Work - Dean's Office

Browne, Teri

Improving SC Rural Health Workforce Recruitment & Retention

628,504

Sponsor: SC Center for Rural and Primary Healthcare/SCDHHS

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

Office of Research
IT and Data Management Office

October, 2019 New Awards

School of Law

Children's Law Center

Morris, Carolyn

Court Improvement Basic Grant 170,000

Sponsor: SC Court Administration

PS PROJECT: 10009634

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Court Improvement Program Training Grant 155,000

Sponsor: SC Court Administration/HHS

PS PROJECT: 10009635

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

School of Medicine

Cell Biology & Anatomy

Azhar, Mohamad

Cardiovascular Calcification: Mechanisms and Therapy 8,742

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 XIa 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) 7,800

Sponsor: PPD Investigator Services LLC/Bristol-Myers Squibb

PS PROJECT: 10009638

AWARD_PROJECT_AMT. IF AVAILABLE:

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

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Pharm., Physiology & Neurology

Pocivavsek, Ana

*Targeted Manipulation of Brain KYNA by Genetic and Pharmacological Means:
Biochemical and Functional Effects* 50,000

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)* 700,158

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* 5,000

Sponsor: Spring Island Trust

PS PROJECT: 10009651

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

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

October, 2019 New Awards

University of SC Upstate

Upstate

Damrel, David

American Qur'an Art Exhibition and Public Lectures

4,000

Sponsor: SC Humanities/NEH

PS PROJECT: 10009625

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Report Total:

\$9,909,123