

Office of Research
IT and Data Management Office

September, 2023 New Awards

Arnold School of Public Health

Applied Research & Evaluation (CARE)

Gillam, Pamela

DDSN TBI Needs Assessment

99,938

Sponsor: SC Department of Disabilities & Special Needs (SC DDSN)ACL/HHS

PS PROJECT: 10013308

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Kenison, Kelli

Prisma HPHC Grant Evaluation

9,967

Sponsor: Prisma-Health Midlands/Duke Endowment

PS PROJECT: 10013445

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Macauda, Mark

Spartanburg 7 Consortium Implementation of YRBS, School Health Profiles, and Sexual Health Curricula - Year 6

21,600

Sponsor: Spartanburg School District 7/Mary Black Foundation/CDC

PS PROJECT: 10013325

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Communication Sci & Disorders

Fridriksson, Julius

Community Project Funding/Congressionally Directed Spending - Construction (Alzheimer's Disease and Related Dementias in South Carolina)

7,750,000

Sponsor: Health Resources & Services Administration (HRSA)/HHS

PS PROJECT: 10013434

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Office of Research
IT and Data Management Office

September, 2023 New Awards

Neils-Strunjas, Jean

SC CREATE 2024

309,996

Sponsor: SC Department of Education (SCDE)

PS PROJECT: 10013446

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Will, Elizabeth

Early Developmental Determinants and Pathways in Down syndrome - R00 phase

248,899

Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH

PS PROJECT: 10013365

TOTAL_PROJECT_AMT. IF AVAILABLE: 744,713

PROJECT YEARS: 3

Environmental Health Sciences

Baalousha, Mohammed

Rapid: Concentration and Form of Metal and Metal-Baring Nanomaterial Contamination in Maui Fire Ash and Soil

200,000

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013442

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Kenne, Gabriel

Multimedia Campaign to Promote Climate Smart Agriculture and Soil Health Education in SC.

192,623

Sponsor: Natural Resources Conservation Service(NRCS)/USDA

PS PROJECT: 10013457

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Office of Research
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September, 2023 New Awards

Porter, Dwayne

Operational Support of the National Estuarine Research Reserve System Centralized Data Management Office and Enhancements to the System-Wide Monitoring Program 3,076,550

Sponsor: National Oceanic & Atmospheric Administration (NOAA)/DOC

PS PROJECT: 10013447

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Future Earth Coasts - Tour des Cotes 8,620

Sponsor: Future Earth Coasts (FEC)/International Project Office (IPO)/East China Normal University

PS PROJECT: 10013461

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Epidemiology & Biostatistics

Kanyangarara, Mufaro

Addressing COVID-19 Health Disparities Among High-Risk, Underserved Populations in South Carolina 349,209

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

PS PROJECT: 10012931

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Nolan, Melissa

CDC Southeastern Center of Excellence in Vector-Borne Diseases: The Gateway Program (Subcontract to University of Florida) 83,124

Sponsor: University of Florida/CDC

PS PROJECT: 10013023

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

Zhang, Jiajia

Patterns and predictors of racial/ethnic disparities in HIV care continuum in the South 46,107

Sponsor: National Institute of Nursing Research (NINR)/NIH

PS PROJECT: 10013427

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Office of Research
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Exercise Science

Hirsch, Katie

Utility and feasibility of urinary hormone analysis for characterization of the female hormonal environment: A pilot and feasibility trial 24,000

Sponsor: NSCA Foundation

PS PROJECT: 10013346

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Moore, Robert

IPA Agreement with Dorn VA Medical Center - Adam Harrison 74,405

Sponsor: WJB Dorn VA Medical Center/VA

PS PROJECT: 10013440

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Health Prom., Educ. & Behavior

Ghattas, Hala

(PI: Tremaine T. Sails-Dunbar) Health Policy Research Scholars Cohort Seven - 2023 31,000

Sponsor: Robert Wood Johnson Foundation

PS PROJECT: 10013330

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 4

Li, Xiaoming

R13 Big Data Health Science Conference Application 20,000

Sponsor: National Institutes of Health (NIH)

PS PROJECT: 10013363

TOTAL_PROJECT_AMT. IF AVAILABLE: 100,000

PROJECT YEARS: 5

Yang, Xueying

Patterns and predictors of racial/ethnic disparities in HIV care continuum in the South 260,719

Sponsor: National Institute of Nursing Research (NINR)/NIH

PS PROJECT: 10013423

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

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Health Services Policy & Mgmt

Hair, Nicole

Childhood Measles Exposure and Later-Life Cognitive Function 45,965

Sponsor: University of Michigan (CAPRA)/NIA/NIH

PS PROJECT: 10013275

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Olatosi, Bankole

Patterns and predictors of racial/ethnic disparities in HIV care continuum in the South 28,712

Sponsor: National Institute of Nursing Research (NINR)/NIH

PS PROJECT: 10013425

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Wright, Brad

Persistent Frequent Emergency Department Users in South Carolina: Who Are They and How Do They Use Other Cross-Sector Services? 16,135

Sponsor: Health Sciences Center at Prisma Health

PS PROJECT: 10012973

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

College of Arts and Sciences

Chemistry & Biochemistry

Li, Jie

Expanding Natural Products Chemical Diversity by Big-data Analysis and Novel Biosynthesis 315,897

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

PS PROJECT: 10013326

TOTAL_PROJECT_AMT. IF AVAILABLE: 1,579,485

PROJECT YEARS: 5

Office of Research
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September, 2023 New Awards

Sutton, Christopher

Unraveling the Role of Cation Solvation in Aqueous Zn-Ion Batteries: A Combined Theoretical and Experimental Approach

330,000

Sponsor: AFOSR/USAF/DOD

PS PROJECT: 10013319

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Tang, Chuanbing

CCI Phase I: NSF Center for Polymers for a Circular Economy (PCE)

1,772,124

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013367

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Wang, Qian

RII Track-1: ADAPT in SC: AI-enabled Devices for the Advancement of Personalized and Transformative healthcare in South Carolina

191,729

Sponsor: Clemson University/NSF

PS PROJECT: 10013388

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

English

Dubinsky, Stanley

(PI: Lexington Whalen) Wordification: Reimagining How Spelling is Taught

6,000

Sponsor: College of Charleston/SC Space Grant Consortium/NASA

PS PROJECT: 10013432

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Office of Research
IT and Data Management Office

September, 2023 New Awards

Geography

Kang, Yuhao

Characterizing and Promoting Cartography and GIS Graduate Programs through Research Theme Discovery and Online Seminars 8,000

Sponsor: The Cartography and Geographic Information Society (CaGIS)

PS PROJECT: 10013341

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Measuring Socioeconomic Impacts of A New Paradigm for Algae Monitoring and Control with Robotics 3,000

Sponsor: Watabot Inc.

PS PROJECT: 10013385

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Li, Zhenlong

Patterns and predictors of racial/ethnic disparities in HIV care continuum in the South 27,798

Sponsor: National Institute of Nursing Research (NINR)/NIH

PS PROJECT: 10013424

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

History

Donaldson, Bobby

Booker T. Washington High School Auditorium Building Restoration Project 5,000,000

Sponsor: National Park Service (NPS)/DOI

PS PROJECT: 10013364

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Cooperative Agreement between the Department of the Interior/National Park Service and the Center for Civil Rights History and Research: Strategic Planning and Implementation for the CRC 3,362,100

Sponsor: National Park Service (NPS)/DOI

PS PROJECT: 10013415

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

Office of Research
IT and Data Management Office

September, 2023 New Awards

Matthews, Marty

THE PAPERS OF WILLIAM SHORT A DIGITAL SELECTIVE DOCUMENTARY EDITION APPLICATION for October 1, 2023 – September 30, 2024 110,000

Sponsor: The National Historical Publications and Records Commission (NHPRC)

PS PROJECT: 10013375
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Mathematics

Wang, Qi

RII Track-1: ADAPT in SC: AI-enabled Devices for the Advancement of Personalized and Transformative healthcare in South Carolina 744,656

Sponsor: Clemson University/NSF

PS PROJECT: 10013387
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 5

Physics & Astronomy

Jin, Rongying

Directed Assembly of Metastable States for Harnessing Quantum Effects 191,730

Sponsor: Department of Energy (DOE)

PS PROJECT: 10013292
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Psychology

Coffman, Donna

Deconstructing food parenting approaches to obesity prevention for the highly food motivated child 12,401

Sponsor: Temple University/NIH

PS PROJECT: 10013462
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

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Goodrum, Nada

SCRA Research Scholars Program 2023 - ImPACT: Improving health for Parents And Children Together

6,000

Sponsor: Society for Community Research and Action (SCRA)

PS PROJECT: 10013345

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Hudac, Caitlin

Reciprocity of Social Connection and Well-Being: Convergence of Temporal and Neural Underpinnings of Adolescent Social Connection Quality, Quantity, and Need

291,943

Sponsor: Arizona State/NICHHD/NIH

PS PROJECT: 10013194

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 5

Kivita Zarrett, Nicole

(PI: Olivia Staples) Health Policy Research Scholars

31,000

Sponsor: Robert Wood Johnson Foundation

PS PROJECT: 10013402

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 4

Weist, Mark

Improving Social, Emotional, Behavioral, and Academic Functioning of Elementary School Students through the Interconnected Systems Framework

406,315

Sponsor: East Carolina University/IES/USDE

PS PROJECT: 10013063

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 4

School of Earth, Ocean & Env.

Bourbonnais, Annie

Collaborative research: Deciphering the mechanisms of marine nitrous oxide cycling using stable isotopes, molecular markers and in situ rates

467,675

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013373

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Office of Research
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Ryker, Katherine

Postdoctoral Fellowship: STEM Ed IPRF: Increasing geoscience enrollment and engagement by transforming perceptions of geoscience among students and the general public

332,472

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013386

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Ziolkowski, Lori

Intergovernmental Personal Act (IPA) Assignment for Dr. Lori Ziolkowski (UofSC) to the National Science Foundation (NSF)

169,666

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013411

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

College of Education

Educational & Developmental Science

Plotner, Tony

Project FUSION: Preparing Special Education Leaders with a Focus on Research to Practice in Transition 2023-2024

249,292

Sponsor: Office of Special Education and Rehabilitative Services (OSERS)/USDE

PS PROJECT: 10013448

TOTAL_PROJECT_AMT. IF AVAILABLE: 1,244,392

PROJECT YEARS: 5

Tang, Hengtao

Preparing empathetic engineers via an empathy-oriented smart manufacturing curriculum

265,710

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013389

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Office of Research
IT and Data Management Office

September, 2023 New Awards

Leadership, Learning Design, & Inquiry

Tran, Henry

Does the Diversity Perspective of R1 Institutions matter for the workplace inclusion of their Black and Hispanic Engineering Faculty? 399,997

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013322

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Yao, Christina

Collaborative Research: Advancing Collaborations for Equity in Marine and Climate Sciences (ACE-MCS) 375,552

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013410

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Teacher Education

Lotter, Christine

CCI Phase I: NSF Center for Polymers for a Circular Economy (PCE) 27,876

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013368

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Office of Research
IT and Data Management Office

September, 2023 New Awards

College of Engineering & Comp.

Chemical Engineering

Peng, Zhenmeng

EFRI E3P: Nonthermal Plasma-Assisted Hydrogenolysis of waste Plastics to Value-Added Chemicals and Fuels NSF - 2132178 457,196

Sponsor: University of Akron/NSF

PS PROJECT: 10013321

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 4

CAS: Dual-site Relay Catalysis in Oxygen Reduction Reaction on Reducible Metal Oxide Heterojunction Structure 111,612

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013416

TOTAL_PROJECT_AMT. IF AVAILABLE: 350,817

PROJECT YEARS: 1

Ritter, James

Development of a Continuous Cost Effective Kr Xe Capture Process for Nuclear Fuels Reprocessing 60,000

Sponsor: Tetramer Technologies, LLC/DOE

PS PROJECT: 10013332

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Uline, Mark

UofSC Biomedical Engineering Center for Acute Stress and Credibility Assessment 1,368,819

Sponsor: AFOSR/USAF/DOD

PS PROJECT: 10013377

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Office of Research
IT and Data Management Office

September, 2023 New Awards

Civil & Environmental Eng.

Chaudhry, M.

CIROH: ML-based Flexible Flood Inundation Mapping and Intercomparison Framework 131,849

Sponsor: University of Alabama/NWS/NOAA/DOC

PS PROJECT: 10013449

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Goharian, Erfan

CIROH: Forecast-Informed Reservoir Operation for Flooding Risk Reduction and Post-Flooding Season Water Conservation 29,413

Sponsor: University of Alabama/NWS/NOAA/DOC

PS PROJECT: 10013282

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

CIROH: Novel Geospatial Architecture of Channel and Floodplain Morphological Attributes within the OWP Hydrofabrics 92,500

Sponsor: University of Alabama/NOAA

PS PROJECT: 10013309

TOTAL_PROJECT_AMT. IF AVAILABLE: 185,000

PROJECT YEARS: 2

ML-based Flexible Flood Inundation Mapping and Intercomparison Framework 131,849

Sponsor: University of Alabama/NWS/NOAA/DOC

PS PROJECT: 10013441

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Electrical Engineering

Ahmad, Iftikhar

PFI-TT: High-Power Electronic Chip Devices Using Novel Materials and Innovative Strategies 277,406

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013420

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Office of Research
IT and Data Management Office

September, 2023 New Awards

Mandal, Krishna

Self-biased wide bandgap semiconductor detectors for real-time monitoring of environmental UV light index 25,000

Sponsor: College of Charleston

PS PROJECT: 10013350

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Matolak, David

Mosaic ATM: A Toolkit for UAM Communications Management 147,850

Sponsor: Mosaic ATM/NASA

PS PROJECT: 10013245

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Nasiri, Adel

Phase II: Development of Ultra Compact AC/DC Converters for Low Power Applications 175,000

Sponsor: DEFENSEWERX - ICWERX

PS PROJECT: 10013255

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Wang, Xiaofeng

Collaborative Research: SLES: Guaranteed Tubes for Safe Learning across Autonomy Architectures 500,000

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013428

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 4

Mechanical Engineering

Banerjee, Sourav

Development of a novel sensor for rapid onsite detection of microcystin in rural livestock ponds: A seed grant to support sensor development 90,592

Sponsor: Clemson University/USDA

PS PROJECT: 10013318

TOTAL_PROJECT_AMT. IF AVAILABLE: 153,227

PROJECT YEARS: 2

Office of Research
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Downey, Austin

(PI: David Wamai) Discretized FPGA-based NMR System for Spacecraft Deployment 7,500

Sponsor: College of Charleston/SC Space Grant Consortium/NASA

PS PROJECT: 10013419

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Gross, Andrew

DAPRA: Extraction of many material properties from analysis of a few data rich experiments 250,000

Sponsor: DARPA/Defense Sciences Office/DOI

PS PROJECT: 10013451

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Harik, Ramy

(PI: Victor Gadow): Augmented Reality Framework for Automated Fiber Placement Rework 16,000

Sponsor: College of Charleston/SC Space Grant Consortium/NASA

PS PROJECT: 10013323

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

A Holistic Approach for Closed Loop Quality in Manufacturing Systems 100,000

Sponsor: Siemens Corporation

PS PROJECT: 10013362

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

Preparing empathetic engineers via an empathy-oriented smart manufacturing curriculum 134,220

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013390

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Office of Research
IT and Data Management Office

September, 2023 New Awards

Hu, Ming

MRI: Track 2 Acquisition of a High-Performance Computing Cluster for Boosting Artificial Intelligence Enabled Science, Engineering, and Education in South Carolina 1,100,000

Sponsor: National Science Foundation (NSF)

PS PROJECT: 10013417
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 3

Huang, Kevin

Unraveling the Role of Cation Solvation in Aqueous Zn-Ion Batteries: A Combined Theoretical and Experimental Approach 270,000

Sponsor: AFOSR/USAF/DOD

PS PROJECT: 10013320
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 3

Sockalingam, Subramani

ECP: Fundamental Studies of High Strain-rate Damage Propagation Mechanisms in Heterogeneous Anisotropic Meso-architected Composites 60,000

Sponsor: US Army Research Office (ARO)/DOD

PS PROJECT: 10013327
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 3

Tensile Split Hopkinson Pressure Bar for Design and Characterization of Next Generation Heterogeneous Meso-Architected Composite Armor Materials 275,316

Sponsor: US Army Research Office (ARO)/DOD

PS PROJECT: 10013344
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Wang, Yi

Configurable Parametric Aeroservoelastic Reduced Order Models for Aerostructural Sensing and Control 300,003

Sponsor: CFD Research Corporation/NASA

PS PROJECT: 10013352
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

Office of Research
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September, 2023 New Awards

Yu, Lingyu

(PI: Andrew Campbell, Phd student) High fidelity nondestructive characterization and evaluation for composite structures using non-contact remote ultrasonic laser systems 16,000

Sponsor: College of Charleston/SC Space Grant Consortium/NASA

PS PROJECT: 10013418

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

College of Pharmacy

Pharm - Clin Pharm & Outcomes Sciences

Bookstaver, Brandon

Antimicrobial Stewardship Collaborative of South Carolina (ASC-SC) - TeleECHO (Infectious Diseases Lead Pharmacist) 275,942

Sponsor: Prisma Health - Midlands/SCCRPH/SCDHHS

PS PROJECT: 10013089

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

Sutton, Scott

The advancement of rural pharmacy education infrastructure in South Carolina through clinical practice training and research: The UofSC College of Pharmacy & Tandem Health rural health pharmacy training model 988,509

Sponsor: SC Center for Rural and Primary Healthcare/SCDHHS

PS PROJECT: 10013443

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Pharmacy - Dean's Office

Cutler, Stephen

Community Project Funding/Congressionally Directed Spending - Construction (Shared Biomedical Research Instrumentation Core) 4,500,000

Sponsor: Health Resources & Services Administration (HRSA)/HHS

PS PROJECT: 10013435

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

**Office of Research
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Research, Vice President for

Office Research - General

Claypoole, Jack

SC Technology Hub BCG Project

150,000

Sponsor: SC Department of Commerce

PS PROJECT: 10013340

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

School of Medicine

Basic Science Research

Wenceslau, Camilla

Reprogramming endothelial cells to prevent and treat Alzheimer disease

66,000

Sponsor: Alzheimer's Association

PS PROJECT: 10013351

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

Internal Medicine

Albrecht, Helmut

Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE

900

Sponsor: The General Hospital Corporation d/b/a Massachusetts General Hospital (MGH)/NIH

PS PROJECT: 10013392

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 6

Office of Research
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September, 2023 New Awards

Al-hasan, Majdi

Housing Opportunities for Persons With AIDS (HOPWA) 319,092

Sponsor: City of Columbia/HUD

PS PROJECT: 10012929
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Antimicrobial Stewardship Collaborative of South Carolina (ASC-SC): TeleECHO 18,692

Sponsor: Prisma Health - Midlands/SCCRPH/SCDHHS

PS PROJECT: 10013088
TOTAL_PROJECT_AMT. IF AVAILABLE: 373,836
PROJECT YEARS: 2

Housing First Program for Persons with Disabilities 260,000

Sponsor: City of Columbia

PS PROJECT: 10013439
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Weissman, Sharon

Patterns and predictors of racial/ethnic disparities in HIV care continuum in the South 35,408

Sponsor: National Institute of Nursing Research (NINR)/NIH

PS PROJECT: 10013426
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

Neurology

Sen, Souvik

Community Project Funding/Congressionally Directed Spending - Construction (Stroke and stroke related diseases in South Carolina) 2,505,000

Sponsor: Health Resources & Services Administration (HRSA)/HHS

PS PROJECT: 10013433
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 3

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September, 2023 New Awards

School of Medicine (Grvl)

Medicine Greenville

Grier, Jennifer

Countermeasures for Fatigue and Assessment of Functional Capacity in Residents 20,000

Sponsor: Prisma Health Upstate

PS PROJECT: 10013438

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

University Libraries

Univ Libraries - Dean's Office

Pappas, Lydia

Preserving the Charleston Communication Centre Video Tapes: Digitizing and making accessible the Lowcountry folkarts of the 1970s 29,988

Sponsor: Council on Library and Information Resources

PS PROJECT: 10013376

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

University of SC Aiken

AK Biology & Geology

Shervette, Virginia

Enhancing U.S. Caribbean Deepwater Snapper Fisheries: Collaborative Research to Address Critical Information Gaps for Queen and Silk Snappers 299,600

Sponsor: US Department of Commerce (DOC)

PS PROJECT: 10013328

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 2

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AK Psychology

Swain, Laura

(PI: Harshi Rajmal Lodha Jain) The Relationship Between Impulsivity and the Attribute Framing Effect on Decision Making and P3 in Social Contexts

1,485

Sponsor: Psi Chi

PS PROJECT: 10013366

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

AK Ruth Patrick Sci Ed

Senn, Gary

2024 GenCyber Teacher Program

149,265

Sponsor: Maryland Procurement Office/ONR/NSA

PS PROJECT: 10013450

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

University of SC Beaufort

BFT Public Hlth & Human Services

Dudas, Kimberly

USCB: Increasing Pre-Licensure Educational Capacity in the Lowcountry

1,000,000

Sponsor: Health Resources & Services Administration (HRSA)/HHS

PS PROJECT: 10013444

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 3

University of SC Lancaster

LAN PALMETTO COLLEGE

Criswell, Stephen

NAS Center Artist-In-Residence: Chief William Harris, Catawba Nation Potter

6,000

Sponsor: SC Arts Commission

PS PROJECT: 10013331

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

**Office of Research
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University of SC Salkehatchie

SA PALMETTO COLLEGE

Burns, Francis

USDA Forensic Lab 2

49,900

Sponsor: Western Carolina Higher Education Commission (WCHEC)/USDA

PS PROJECT: 10013324

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 1

University of SC Upstate

UPS College of Education

Whitlock, Reta (Ugena)

SC Grow Your Own (SC GYO) State Innovation Grant

100,000

Sponsor: SC Department of Education

PS PROJECT: 10013361

TOTAL_PROJECT_AMT. IF AVAILABLE:

PROJECT YEARS: 4

UPS Dept of Education

Herzberg, Tina

Orientation and Mobility Contract

45,605

Sponsor: SC Department of Education

PS PROJECT: 10013343

TOTAL_PROJECT_AMT. IF AVAILABLE: 219,386

PROJECT YEARS: 5

Report Total:

\$44,946,013