Arnold School of Public Health

Epidemiology & Biostatistics
Moran, Robert

Student Project for Blue Cross Blue Shield of South Carolina 9,624

Sponsor: Blue Cross and Blue Shield of South Carolina
PS PROJECT: 10012714
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Health Services Policy & Mgmt

Hair, Nicole

COVID-19 Health Disparities and the Economic Security of Families with Children 64,037

Sponsor: University of Wisconsin-Madison/SSA
PS PROJECT: 10012557
TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Hung, Peiyin

Addressing Rural Cancer Disparities via Proactive Smoking Cessation Treatment within Primary Care: A Hybrid Type 1 Effectiveness-Implementation Trial of a Scalable Smoking Cessation Electronic Visit 39,593

Sponsor: Medical University of South Carolina (MUSC)/NCI/NIH
PS PROJECT: 10012715
TOTAL_PROJECT_AMT. IF AVAILABLE: 203,986
PROJECT YEARS: 5

Natafgi, Nabil

Broadband Equity, Access, and Deployment (BEAD) Program 88,370

Sponsor: SC Broadband Office (SCBBO)
PS PROJECT: 10012711
TOTAL_PROJECT_AMT. IF AVAILABLE: 125,000
PROJECT YEARS: 1
College of Arts and Sciences

Archaeology & Anthropology
King, Adam
Spanish Mount Archaeological Artifact Processing
Sponsor: SC Department of Natural Resources (SCDNR)

IT and Data Management Office

TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 1

Biological Sciences
Senner, Nathan
Revealing Unknown Links in the Life Cycle of Shorebirds
Sponsor: Universidad Austral de Chile/U.S. Fish and Wildlife Service/DOI

TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

Geography
Cutter, Susan
Strengthening Charitable Food Systems Capability
Sponsor: Virginia Polytechnic Institute and State University (Virginia Tech)/Feeding America

TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 2

Mathematics
Tan, Changhui
CAREER: Nonlocal partial differential equations in collective dynamics and fluid flow
Sponsor: National Science Foundation (NSF)

TOTAL_PROJECT_AMT. IF AVAILABLE:
PROJECT YEARS: 5
Psychology

Becker, Kimberly

Addressing Conceptual and Pragmatic Challenges to Measuring Use of Research Evidence In Children’s Mental Healthcare by Leveraging Clinical Documentation

Sponsor: William T. Grant Foundation

TOTAL_PROJECT_AMT. IF AVAILABLE: 50,000

PROJECT YEARS: 2

Serang, Sarfaraz

Longitudinal Impacts of Pandemic-Induced Disruptions on Adolescent Siblings’ and Parents’ Alcohol Use: A Family Life Course Perspective

Sponsor: Utah State University/NIAAA/NIH

TOTAL_PROJECT_AMT. IF AVAILABLE: 20,652

PROJECT YEARS: 3

Theatre and Dance

Whitehead, Dustin

The South Carolina Film Training Partnership (GOS - Get on Set)

Sponsor: SC Film Commission - SC Department of Parks Recreation and Tourism

TOTAL_PROJECT_AMT. IF AVAILABLE: 150,000

PROJECT YEARS: 1

College of Education

Education - Dean’s Office

Berry, Barnett

Redefining Professional Learning and Leadership for Deeper, Student-Led Learning and Career and College-Readiness in South Carolina

Sponsor: Edu21C Foundation (What School Could Be)

TOTAL_PROJECT_AMT. IF AVAILABLE: 50,000

PROJECT YEARS: 1
Educational Studies
DiStefano, Christine
Broadband Equity, Access, and Deployment (BEAD) Program 22,315
Sponsor: SC Broadband Office (SCBBO)
PS PROJECT: 10012712
TOTAL_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1

Ohrt, Jonathan
Providing Resources to Increase School Mental Health Supports 675,888
Sponsor: US Department of Education (USDE)
PS PROJECT: 10012687
TOTAL_PROJECT_AMT. IF AVAILABLE: 5,003,361
PROJECT YEARS: 5

College of Engineering & Comp.
Chemical Engineering
Mustain, William
Baseline Performance of Commercial AEM Materials for Water Electrolysis 100,000
Sponsor: Plug Power Inc.
PS PROJECT: 10012725
TOTAL_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 2

Ritter, James
Evaluation of Adsorbents for Hydrocarbon Adsorption 175,000
Sponsor: ColdStream Energy, LLC
PS PROJECT: 10012681
TOTAL_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1
Shimpalee, Sirivatch  
*FC MEA Single Cell Characterization, Sensitivity, and Durability Tests*  
Sponsor: Hyzon Motors USA Inc.  
PS PROJECT: 10012733  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
50,000

Civil & Environmental Eng.  
Ziehl, Paul  
*Tooling and Process to fold Carbon Fiber/PPS Panels*  
Sponsor: Collins Aerospace  
PS PROJECT: 10012728  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
70,943

College of Information & Comm.  
Wu, Jungmi  
*Cancer Communication Ecologies of Asian Americans in the United States*  
Sponsor: Association for Education in Journalism and Mass Communication (AEJMC)  
PS PROJECT: 10012685  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
5,000

College of Nursing  
Nursing  
Custer, Sabra  
*Interprofessional Education in Infection Prevention: Establishing the South Carolina Regional Infection Prevention Training (SCRIPT) Center*  
Sponsor: Prisma Health/CDC  
PS PROJECT: 10012732  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
16,676
College of Pharmacy

Drug Discovery & Biomed Sci.
Buckhaults, Phillip
Inhibiting Tumor Growth and Metastasis in Highly Aggressive Breast Cancers with Centrosome Amplification
Sponsor: Medical University of South Carolina (MUSC)/NCI/NIH
PS PROJECT: 10012682
TOTAL_PROJECT_AMT. IF AVAILABLE: 92,728
PROJECT YEARS: 4

Pharm - Clin Pharm & Outcomes Sciences
Blake, Betsy
Model State-Supported AHEC Program (MUSC Cost Share Funded)
Sponsor: Medical University of South Carolina (MUSC)
PS PROJECT: 10012704
TOTAL_PROJECT_AMT. IF AVAILABLE: 46,655
PROJECT YEARS: 5

Hastings, Tessa
Addressing COVID-19 Vaccine Hesitancy in Rural Community Pharmacies: Reducing Disparities Through an Implementation Science Approach
Sponsor: UNC Chapel Hill/NIMHD/NIH
PS PROJECT: 10012697
TOTAL_PROJECT_AMT. IF AVAILABLE: 115,369
PROJECT YEARS: 3

Darla Moore School of Business

Moore Sch - Div. of Research
Von Nessen, Joseph
SC Housing Finance and Development Authority: FY22-FY26 Economic Impact Analysis
Sponsor: SC Housing Finance and Development Authority
PS PROJECT: 10012684
TOTAL_PROJECT_AMT. IF AVAILABLE: 478,750
PROJECT YEARS: 5
School of Medicine

**Basic Science Research**

**McCarthy, Cameron**

*Shih-Chun Wang Young Investigator Award*

**Sponsor:** American Physiological Society  
PS PROJECT: 10012707  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

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**MDC Ctr Disability Resources**

**Rotholz, David**

*SC Assistive Technology Expanding the Public Health Workforce*

**Sponsor:** Administration on Community Living/HHS  
PS PROJECT: 10012695  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 2

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**South Carolina Assistive Technology Program**

**Sponsor:** Administration for Community Living/HHS  
PS PROJECT: 10012696  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 2

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**Path, Microbio. & Immunology**

**Chatzistamou, Ioulia**

*Inhibiting tumor growth and metastasis in highly aggressive breast cancers with centrosome amplification*

**Sponsor:** Medical University of South Carolina (MUSC)/NCI/NIH  
PS PROJECT: 10012683  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 4
Pharm., Physiology & Neuroscience

Frizzell, Norma

Developing Tools to Understand an Alternative Fate of Urate in Neurodegenerative Diseases

Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH

| PS PROJECT: | 10012738 |
| TOTAL_PROJECT_AMT. IF AVAILABLE: | 149,000 |
| PROJECT YEARS: | 2 |

Pocivavsek, Ana

Aging, sleep, and kynurenic acid

Sponsor: National Institute on Aging (NIA)/NIH

| PS PROJECT: | 10012686 |
| TOTAL_PROJECT_AMT. IF AVAILABLE: | 409,750 |
| PROJECT YEARS: | 2 |

School of Medicine (Grvl)

Medicine Greenville

Kennedy, Ann Blair

Broadband Equity, Access, and Deployment (BEAD) Program

Sponsor: SC Broadband Office (SCBBO)

| PS PROJECT: | 10012713 |
| TOTAL_PROJECT_AMT. IF AVAILABLE: |
| PROJECT YEARS: | 1 |

O'Rourke, Mark

Sleep Hygiene Education, ReadiWatch™ actigraphy, and telehealth cognitive behavioral training for insomnia Effect, on Symptom Relief for Men with Prostate Cancer Receiving Androgen Deprivation Therapy (ADT)(SHERE-Relief)

Sponsor: University of Kansas Medical Center, Research Institute, Inc./Oncology Nursing Foundation

| PS PROJECT: | 10012726 |
| TOTAL_PROJECT_AMT. IF AVAILABLE: |
| PROJECT YEARS: | 2 |
Office of Research  
IT and Data Management Office  
February, 2023   New Awards

University 101  
**U101 and National Resource Ctr.**  
Keup, Jennifer  
*Guided Pathways as a Framework for Institutional Transformation and Five ‘Capacity Areas’*  
75,000  
**Sponsor:** NASPA-Student Affairs Administrators in Higher Education (NASPA)/BMGF  
PS PROJECT: 10012689  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

National Advising Success Network_Investment Grant: Continuation Funding  
280,878  
**Sponsor:** NASPA-Student Affairs Administrators in Higher Education (NASPA)/BMGF  
PS PROJECT: 10012710  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

University of SC Salkehatchie  
**SA PALMETTO COLLEGE**  
Burns, Francis  
*USDA Forensic Lab 1*  
49,800  
**Sponsor:** Western Carolina Higher Education Commission (WCHEC)/USDA  
PS PROJECT: 10012694  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

University of SC Upstate  
**UPS Science & Eng**  
Ruppel, Joshua  
*Power:Ed - ER(Up)T Expansion*  
50,000  
**Sponsor:** Power:Ed  
PS PROJECT: 10012724  
TOTAL_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1
Report Total: $3,349,672