Arnold School of Public Health

Center for Community Health Alignment
Smithwick, Julie

Envision Healthy Communities

Sponsor: Wisconsin Department of Health Services/CDC

AWARD_PROJECT_AMT. IF AVAILABLE: 475,681

PROJECT YEARS: 1

Epidemiology & Biostatistics

Nolan, Melissa

Employing a big data approach to elucidate climate change’s impact on early childhood development in the United States

Sponsor: Burroughs Wellcome

AWARD_PROJECT_AMT. IF AVAILABLE: 50,000

PROJECT YEARS: 1

Exercise Science

Potter, Elizabeth

Barriers to utilization of SNAP fruit and vegetable incentive programs for families with food insecurity - Sub-contract with University of California, San Francisco

Sponsor: University of California, San Francisco (UCSF)/NIH

AWARD_PROJECT_AMT. IF AVAILABLE: 12,419

PROJECT YEARS: 1
Health Prom., Educ. & Behavior
Draper, Carrie

Project 1: Statewide SNAP-Ed Evaluation
Sponsor: SC Department of Social Services (SCDSS)/USDA
Award: 115,730

PS PROJECT: 10012422

Project 2: Library Nutrition Support Implementation
Sponsor: SC Department of Social Services (SCDSS)/USDA
Award: 49,594

PS PROJECT: 10012423

Project 3: FoodShare SC
Sponsor: SC Department of Social Services (SCDSS)/USDA
Award: 136,856

PS PROJECT: 10012424

Project 4: State Level Food Policy Council
Sponsor: SC Department of Social Services (SCDSS)/USDA
Award: 154,488

PS PROJECT: 10012425

Project 5: Local Food Policy Councils
Sponsor: SC Department of Social Services (SCDSS)/USDA
Award: 126,568

PS PROJECT: 10012426
Project 6: Strengthening and Expanding Transportation

Sponsor: SC Department of Social Services (SCDSS)/USDA

129,223

Frongillo, Edward

Using causal mediation models to examine multi-sectoral health and nutrition program impact paths and moderation by agricultural interventions and equity

Sponsor: Helen Keller International/London School of Hygiene & Tropical Medicine

33,439

Health Services Policy & Mgmt

Brooks, John

The Development and Evaluation of a Patient-Centered Opioid Discharge Prescribing Guideline within the Electronic Health Record of a Health System.

Sponsor: Agency for Healthcare Research and Quality (AHRQ)/HHS

364,552

Hair, Nicole

Long-Term Effects of Measles Vaccine Mandates on Educational Attainment and Cognitive Function

Sponsor: University of Southern California, Alzheimer's Disease Resource Centers for Minority Aging Research (ADRCMAR)/NIA/NIH

20,613
Ostermann, Jan  
*Ostermann, Jan*  
*Chanjo Kwa Wakati - Leveraging community health workers and a responsive digital health system to improve vaccination coverage and timeliness in rural settings*  
638,030

**Sponsor:** National Institute of Child Health & Human Development (NICHD)/NIH  
PS PROJECT: 10012596  
AWARD_PROJECT_AMT. IF AVAILABLE: 2,957,258  
PROJECT YEARS: 5

(Valerie Yelverton - PI)  
*Patient experiences and disparities in telehealth HIV care during the COVID-19 pandemic: A mixed methods study from the Southern US*  
41,983

**Sponsor:** Agency for Healthcare Research and Quality (AHRQ)/HHS  
PS PROJECT: 10012612  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1

Wright, Brad  
*Observation Stays and Readmissions for Older Adults: Implications for Medicare Policies*  
28,700

**Sponsor:** University of Washington/NIA/NIH  
PS PROJECT: 10012580  
AWARD_PROJECT_AMT. IF AVAILABLE: 57,402  
PROJECT YEARS: 2

**PASOS**  
*PASOS*  
*MIECHV 2022-2023 Children’s Trust PASOs*  
100,000

**Sponsor:** Children’s Trust of South Carolina/HRSA  
PS PROJECT: 10012595  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1
College of Arts and Sciences

Baruch Institute
Morris, James
Evaluating risk of tidal marsh inundation and monetizing services to prioritize management actions

Sponsor: University of Georgia/NOAA
PS PROJECT: 10012588
AWARD_PROJECT_AMT. IF AVAILABLE: 39,102
PROJECT YEARS: 4

Smith, Erik
Building Capacity at the North Inlet – Winyah Bay NERR for conservation and restoration infrastructure projects

Sponsor: National Oceanic & Atmospheric Administration (NOAA)/DOC
PS PROJECT: 10012545
AWARD_PROJECT_AMT. IF AVAILABLE: 188,675
PROJECT YEARS: 3

Biological Sciences

Armstrong, Alissa
Improving DEI via investigating the role of inter-organ communication in whole-organism responses to diet

Sponsor: Silicon Valley Community Foundation (SVCF) - Chan Zuckerberg Initiative
PS PROJECT: 10012592
AWARD_PROJECT_AMT. IF AVAILABLE: 1,150,000
PROJECT YEARS: 5

Chemistry & Biochemistry

Ge, Ting
CAREER: Molecular Modeling of Ring Polymer Mechanics - Expanding Applicability of Ring Polymer

Sponsor: National Science Foundation (NSF)
PS PROJECT: 10012604
AWARD_PROJECT_AMT. IF AVAILABLE: 516,622
PROJECT YEARS: 5
Psychology

Coffman, Donna

*mHealth-based Just-In-Time Intervention to Improve Physical Activity Microrandomized Trial (Subaward from Temple)*

**Sponsor:** Temple University/NICHD/NIH  
PS PROJECT: 10012483  
AWARD_PROJECT_AMT. IF AVAILABLE: 116,249  
PROJECT YEARS: 4

**Behavioral and Biological Rhythms in Children’s Obesity-Related Health Disparities (subaward from Temple)**

**Sponsor:** Temple University/NIH  
PS PROJECT: 10012582  
AWARD_PROJECT_AMT. IF AVAILABLE: 18,126  
PROJECT YEARS: 4

**Development of a Sensor-Based Movement Biomarker to Capture Upper Extremity Use**

**Sponsor:** Temple University/DOD  
PS PROJECT: 10012608  
AWARD_PROJECT_AMT. IF AVAILABLE: 16,000  
PROJECT YEARS: 2

Smith, Courtnie

*John H. Magill School Mental Health Certificate Program*

**Sponsor:** SC Department of Mental Health (SCDMH)  
PS PROJECT: 10012601  
AWARD_PROJECT_AMT. IF AVAILABLE: 9,650  
PROJECT YEARS: 1
College of Education

Instruction & Teacher Educ.
Hodges, Thomas
South Carolina Center for Research on Teacher Education (SC-Teacher) 2022/2023 7,500
Sponsor: SC Commission on Higher Education
PS PROJECT: 10012613
AWARD_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1

Muller, Meir
Kosher and Halal: An Area of Alliance Between Jews and Muslims 2,100
Sponsor: Academic Engagement Network (AEN)
PS PROJECT: 10012618
AWARD_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1

Research, Eval., & Measurement
Lewis, Ashlee
Evaluation of Arts Grow SC 22-23 143,600
Sponsor: SC Arts Commission/SCDE/USDE
PS PROJECT: 10012499
AWARD_PROJECT_AMT. IF AVAILABLE: 176,000
PROJECT YEARS: 1

College of Engineering & Comp.

Civil & Environmental Eng.
Hoque, Shamia
Improving Outcomes in Prostate Cancer based on Comorbidities: Developing Personalized Medicine 5,643
Sponsor: Vandeventer Place Research Foundation (dba Veterans Research & Education Foundation)/AMRMC/DOD
PS PROJECT: 10012591
AWARD_PROJECT_AMT. IF AVAILABLE: 149,894
PROJECT YEARS: 4
Rizos, Dimitris
*Expanding Summer Youth Programs in Rail through Virtual Learning and a National Campus Network*

Sponsor: Michigan Technological University/Federal Railroad Administration/DOT

- PS PROJECT: 10012606
- AWARD_PROJECT_AMT. IF AVAILABLE: 13,709
- PROJECT YEARS: 3

**Electrical Engineering**

Nasiri, Adel
*Resilient MVDC and MVAC/MVDC Distribution Systems*

Sponsor: Center for Grid-connected Advanced Power Electronics Systems (GRAPES) - University of Arkansas

- PS PROJECT: 10012607
- AWARD_PROJECT_AMT. IF AVAILABLE:
- PROJECT YEARS: 2

**IIT - Engineering**

Hikmet, Neset
*South Carolina Center for Research on Teacher Education (SC-Teacher) 2022/2023*

Sponsor: SC Commission on Higher Education

- PS PROJECT: 10012614
- AWARD_PROJECT_AMT. IF AVAILABLE:
- PROJECT YEARS: 1

**College of Information & Comm.**

School of Information Sciences
Thompson, Kim
*The Practice Model for an Equitable Workplace Transition Program (EWTP): Disability and Neurodiversity*

Sponsor: University of Denver/IMLS

- PS PROJECT: 10012600
- AWARD_PROJECT_AMT. IF AVAILABLE: 73,104
- PROJECT YEARS: 2
College of Pharmacy
Pharm - Clin Pharm & Outcomes Sciences
Justo, Julie Ann
Therapeutic Drug Monitoring-Guided Linezolid Dosing for the Management of Serious Gram-Positive Bacterial Infections Requiring an Extended Duration of Therapy 20,000
Sponsor: Society of Infectious Diseases Pharmacists (SIDP)
PS PROJECT: 10012602
AWARD_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1

Darla Moore School of Business
Moore Sch - Div. of Research
Von Nessen, Joseph
BMW: Economic Impact Analysis 52,000
Sponsor: BMW Manufacturing Company, LLC
PS PROJECT: 10012616
AWARD_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1

Division of Student Affairs
Substance Abuse and Prevention
Hourigan, Aimee
Great Plays at Carolina 2023 9,999
Sponsor: International Town Gown Association (ITGA)
PS PROJECT: 10012585
AWARD_PROJECT_AMT. IF AVAILABLE: 
PROJECT YEARS: 1
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<td><strong>Children’s Law Center</strong></td>
<td><strong>Black, Shelandra</strong></td>
<td><em>Addressing Minority Youth Contact with Law Enforcement: An Approach to Reducing Racial and Ethnic Disparities in the South Carolina Juvenile Justice System</em></td>
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<td><strong>Cell Biology &amp; Anatomy</strong></td>
<td><strong>Tan, Wenbin</strong></td>
<td><em>Targeting of Photodynamic Therapy-Resistant Port-Wine Birthmarks</em></td>
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<td><strong>Foster, Daniel</strong></td>
<td><em>Pharmacological modulation of striatal physiology and repetitive behaviors by M4 PAMs</em></td>
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University of SC Aiken

**AK Biology & Geology**

Hancock, Charles Nathan  
*Characterization of seed protein quality in re-balanced soybean lines*  
**Sponsor:** University of Nebraska-Lincoln/SmithBucklin Corporation/United Soybean Board  
PS PROJECT: 10012603  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
**AWARD_PROJECT_AMT:** 18,725

**AK Childrens Center**

Williams, Lynnette  
*DSS Technology Grant*  
**Sponsor:** SC Department of Social Services (DSS)  
PS PROJECT: 10012599  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
**AWARD_PROJECT_AMT:** 40,000

University of SC Upstate

**UPS Economics Fin & Accounting**

Gupta, Uma  
*Zillow Experiential Learning Agreement*  
**Sponsor:** Zillow, Inc.  
PS PROJECT: 10012609  
AWARD_PROJECT_AMT. IF AVAILABLE:  
PROJECT YEARS: 1  
**AWARD_PROJECT_AMT:** 60,000

**UPS Science & Eng**

Ruppel, Joshua  
*Synthesis of Carbohydrate-Phthalocyanine Conjugates for Biomedical Applications*  
**Sponsor:** Davidson College/NIH  
PS PROJECT: 10012615  
AWARD_PROJECT_AMT. IF AVAILABLE: 199,518  
PROJECT YEARS: 3  
**AWARD_PROJECT_AMT:** 66,506
Report Total: $5,286,731