

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

March, 2019 New Awards

Arnold School of Public Health

Communication Sci & Disorders

Den Ouden, Dirk-Bart

Play on Words: An Aphasic Drama Group - 11560-FL00 1,200

Sponsor: SC Humanities/NEH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Klusek, Jessica

Aging Language Trajectories in Premutation Carrier Mothers - 11560-FA55 74,500

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 149,000
PROJECT_YEARS: 2

Environmental Health Sciences

Baalousha, Mohammed

Fate and Impacts of Silver Nanoparticles in Treatment Wetlands - 11510-FC06 38,601

Sponsor: Smith College/USGS/DOI

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Exercise Science

Sarzynski, Mark

Molecular Basis of Exercise-induced Changes in HDL Function - 11530-FB46 725,528

Sponsor: National Heart, Lung, and Blood Institute (NHLBI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 3,429,123
PROJECT_YEARS: 5

Smuder, Ashley

Doxorubicin Cardiotoxicity and the Protective Effects of Exercise - 11530-FB47 366,620

Sponsor: National Heart, Lung and Blood Institute (NHLBI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 1,833,100
PROJECT_YEARS: 5

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Health Services Policy & Mgmt

Cozad, Melanie

Decision Aid Implementation and Evaluation for Colorectal Cancer Screening in a Primary Care Setting - 11550-KA24 19,521

Sponsor: Greenville Health System

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Floyd, Sarah

Comparative Effectiveness of Surgical Treatment versus Conservative Management for Proximal Humerus Fracture: Evidence to Guide Clinical Decision-Making - 11550-KA25 19,909

Sponsor: Greenville Health System

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

College of Arts and Sciences

Chemistry & Biochemistry

Shustova, Natalia

Metal-Organics-Framework Glasses as Rad Contaminant Sequesters and Nuclear Waste Forms - 13020-FD31 30,000

Sponsor: Savannah River National Laboratory/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

History

Patel, Dinyar

NEH Fellowship: Shaking the Empire: Dadabhai Naoroji and the Birth of Indian Nationalism - 13550-FA28 60,000

Sponsor: National Endowment for the Humanities (NEH)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Mathematics

Dahmen, Wolfgang

Spring School Series: Models and Data - 13200-FJ00 24,930

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Liu, Xinfeng

Mathematical Modeling, Computational and Experimental Investigation of the Dynamics of Heterogeneity in Breast Cancer - 13060-FA97 71,253

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 209,999
PROJECT_YEARS: 3

Psychology

Weist, Mark

Patient-Centered Enhancements in School Behavioral Health: A Randomized Trial - 13580-KB01 5,090,121

Sponsor: Patient Centered Outcomes Research Institute (PCORI)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

School of Earth, Ocean & Env.

Bourbonnais, Annie

Nitrous Oxide Cycling in the Arctic Ocean from Stable Isotopic and Concentration Data - 21610-FA23 116,720

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Wilson, Alicia

LTER: Georgia Coastal Ecosystems IV - 21610-FA24 47,826

Sponsor: University of Georgia/NSF

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 119,339
PROJECT_YEARS: 6

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College of Education

Instruction & Teacher Educ.

Boutte, Gloria

African Diaspora Literacy: Transforming Research and Practice in Teacher Education and P-12 Schools - 15250-KL08 49,757

Sponsor: The Spencer Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

College of Engineering & Comp.

Chemical Engineering

Gaffney, Anne

DOE Phase I: Integrated Membrane Reactor for Enhancing Thermal & Chemical Reactors - 15510-JL04 5,000

Sponsor: Compact Membrane Systems, Inc

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Moss, Melissa

Biomarkers of Adverse Reaction to Surgical Implants: Proof-of-Concept - 15510-KA76 19,991

Sponsor: Greenville Health System

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Ritter, James

Structured Adsorbent Material Testing and Evaluation - 15510-JB43 170,000

Sponsor: W.L. Gore & Associates

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Weidner, John

Development of the Hybrid Sulfur Cycle-Sulfur Dioxide Depolarized Electrolyzer (Pre-Req 2018-0000059) - 15510-FD23 40,000

Sponsor: Savannah River National Laboratory/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 4

Computer Science & Engineering

O'Kane, Jason

S&AS: FND: COLLAB: Planning Coordinated Event Observation for Structured Narratives - 15590-FB46 200,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

IIT - Engineering

Schooley, Benjamin

Telehealth Integration and Decision Support for South Carolina - 15560-GL00 309,500

Sponsor: SC Department of Commerce

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Mechanical Engineering

Yu, Lingyu

Weld Induction Project - 15540-JB13 20,000

Sponsor: Samsung

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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College of Nursing

Nursing

Donevant, Sara

Prescribing Providers' Perceptions of mHealth Features that Promote Positive Patient Outcomes - 11200-KA28 5,000

Sponsor: Sigma

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Jenerette, Coretta

Subaward: Nursing Workforce Diversity - University of North Carolina at Chapel Hill - 11200-FJ28 23,488

Sponsor: University of North Carolina-Chapel Hill/HRSA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 65,408
PROJECT_YEARS: 3

McKinney, Selina

TeleMentalScale - 11200-KJ10 173,895

Sponsor: Blue Cross Blue Shield of South Carolina

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 525,000
PROJECT_YEARS: 3

College of Social Work

Families in Society, Institute

Lopez-DeFede, Ana

The Impact of Emergency Medicaid Policy on Reproductive Health Disparities Among New Immigrants - 10010-FA66 30,845

Sponsor: Oregon Health and Science University/NIMDH/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

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Hosp., Retail, & Sport Mgmt

Hotel, Restaurant & Tour Mgmt

Hudson, Simon

Developing a Tourism & Hospitality Employment Plan for South Carolina - 14050-FA03 44,122

Sponsor: U.S. Department of Commerce (DOC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

School of Law

Law - Dean's Office

Suski, Emily

SC Medical Legal Partnership Collaborative: Raising the Bar for Population Health - 15800-KA04 1,025,000

Sponsor: USC Educational Foundation/The Duke Endowment

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 1,025,000

PROJECT_YEARS: 3

School of Medicine

Neuropsychiatry

Narasimhan, Meera

Zero Suicide Initiative - 18120-FA23 75,000

Sponsor: SC Department of Mental Health/SAMHSA/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 4

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School of Music

Music

Hubbert, Julie

Technology, Listening and Labor: Music in New Hollywood Film (1968-1980) - 12550-FA01 60,000

Sponsor: National Endowment for the Humanities (NEH)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

University of SC Aiken

AK Biology & Geology

Hancock, Charles

Strategies for Identification and Rescue of Poorly Nodulated Soybeans - 17110-KA64 10,000

Sponsor: SC Soybean Board

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

University of SC Beaufort

BFT Grants

Cavanagh, Kimberly

Barnwell Archaeological Research Project - 17210-FA18 5,000

Sponsor: SC Humanities Council/NEH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Sawyer, Caroline

Students Connected - Barnwell Site Excavation Project - 17210-KA22 5,240

Sponsor: Community Foundation of the Lowcountry

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Report Total:

\$8,958,567