

Office of Research
IT and Data Management Office

April, 2017 New Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Rice, Nena

South Carolina Archaeology Month Poster 2017 - (21300-FB05) 4,000

Sponsor: SC Department of Archives and History/NPS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Chemistry & Biochemistry

Benicewicz, Brian

Reactive End-Group Polybenzimidazole Oligomers for HT-Thermosets - (13020-JA33) 113,212

Sponsor: PBI Performance Products, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Hashemi, Parastoo

CAREER: The Fundamental Principles of Modified Carbon Fiber Microelectrodes as Speciation Sensors - (13020-FC91) 624,716

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 5

Geography

Barnes, Jessica

The Cultural Politics of Food Security and Wheat Self-Sufficiency in Egypt - (13540-KA28) 33,000

Sponsor: Howard Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

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

April, 2017 New Awards

Physics & Astronomy

Chowdhury, Barnali

Measurement of Induced Charged Current Single Production Cross Section Through Resonance in NOvA Near Detector - (13070-KA27) 12,000

Sponsor: Universities Research Association, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 1

Gothe, Ralf

NSTAR2017 (JLAB Support) 11th International Workshop on the Physics of Excited Nucleons - (13070-FB57) 2,000

Sponsor: Jefferson Science Associates, LLC (JSA)/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 1

Kulkarni, Varsha

Connecting the Different Signatures of Interstellar Dust at Low Redshift: A Benchmark for Comparison to the Distant Universe - (13070-FB58) 71,417

Sponsor: National Aeronautics and Space Administration (NASA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 325,106
PROJECT_YEARS: 3

Public Service & Policy Research, Institute for

Lyle, Monique

FOLIC ACID & ZIKA VIRUS SURVEY - (21100-KL23) 40,000

Sponsor: Neural Tube Defects Prevention Program- Greenwood Genetic Center

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 1

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

April, 2017 New Awards

Business, Moore School of

Business, Moore School of - Division of Research

Von Nessen, Joseph

SC State Housing Finance & Dev Authority-FY16 Analysis Ext - (21200-GA42) 20,000

Sponsor: SC State Housing Finance and Development Authority

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Education, College of

Educational Studies, Department of

Brown, Kara

Choosing Social Cohesion: Why are communities founding---and parents embracing---
dual language immersion programs for Estonia's Russian- and Estonian-speaking
kindergartners? - (15240-KA10) 33,477

Sponsor: Spencer Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Engineering & Computing, College of

Chemical Engineering

Shimpalee, Sirivatch

TOPR of BOA No. 000000000000000000000419 Response to Statement of Work for
"Bioprocess Intensification" CEB00009 /PR# 324517 - (15510-FC93) 20,000

Sponsor: Savannah River Nuclear Solutions (SRNS)/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 240,003

PROJECT_YEARS: 1

Weidner, John

Metal Hydride Material Development for High Efficiency and Low Cost Hydrogen
Compressors - (15510-FC94) 37,000

Sponsor: Greenway Energy LLC/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

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

April, 2017 New Awards

Civil & Environmental Engineering

Huynh, Nathan

Center for Connected Multimodal Mobility - (15520-FB42)

392,617

Sponsor: Clemson University/USDOT

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Mechanical Engineering

Bayoumi, Abdel

South Carolina Rapid Innovation Laboratory (SCRIL) - (15540-GA33)

75,000

Sponsor: Clemson/SC Dept of Commerce

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Farouk, Tanvir

TC3 2C26: Bonding Surface Treatment and Inspection - (15540-FD44)

34,555

Sponsor: National Institute of Aerospace/NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 3

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

April, 2017 New Awards

Gurdal, Zafer

TC1 2C19: High Energy Dynamic Impact - (15540-FD41) 176,281

Sponsor: National Institute of Aerospace/NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 3

TC1 2C18: Progressive Damage Analysis - (15540-FD42) 217,472

Sponsor: National Institute of Aerospace/NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 3

TC1 2C20: Rapid Tools - (15540-FD43) 128,676

Sponsor: National Institute of Aerospace/NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 3

Reynolds, Anthony

Development and Verification of WAAM - (15540-FD39) 60,351

Sponsor: Savannah River Nuclear Solutions (SRNS)/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 120,640

PROJECT_YEARS: 2

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

April, 2017 New Awards

van Tooren, Michael

TC2 2C21: Rapid Inspection - (15540-FD40) 75,000

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 3

3D Printing Project - Task Order 3 - (15540-JA91) 247,400

Sponsor: TIGHTCO

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 5

3D Printing Project - Task Order 3 - (15540-KA34) 247,400

Sponsor: TIGHTCO

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 2

Hospitality, Retail & Sport Management, College of

Sport & Entertainment Management

Shaomian, Armen

Making Money III: Technology, Marketing, and Audience Development for the Nonprofit and Entertainment Industries - (14030-GL02) 3,000

Sponsor: South Carolina Arts Commission

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0
PROJECT_YEARS: 1

Medicine, School of

Cell Biology & Anatomy

Fan, Daping

Impact of Macrophage PCSK9 on Breast Cancer - (18020-FB59) 160,200

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 293,700
PROJECT_YEARS: 2

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

April, 2017 New Awards

Provost, Office of the

English Program for Internationals

Curtis, Wesley

Study of U.S. Institutes for Student Leaders from Europe - (25300-FJ06) 25,000

Sponsor: US Department of State

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Public Health, Arnold School of

Epidemiology & Biostatistics

Burch, James

HRV Biofeedback: A Patient Centered Therapy for Chronic Pain and Other Symptoms of Sickle Cell Disease - (11520-KA36) 8,655

Sponsor: Greenville Health System

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Hebert, James

Community Activation for Prevention and Screening- A Randomized Controlled Trial - (11500-KA19) 187,782

Sponsor: Univ of Colorado Boulder/American Cancer Society

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 4

Health Promotion, Education & Behavior

Thrasher, James

Patient Decision Aid about Electronic Cigarettes: A Feasibility Study - (11540-KA60) 19,960

Sponsor: Greenville Health System

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

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

April, 2017 New Awards

Public Health, Arnold School of - Dean

Hurley, Thomas

Appetite and Adiposity Across a Continuum of Activity Study - (11500-LA03)

6,075

Sponsor: Iowa State University

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

USC Aiken

USC Aiken

Pirkle, William

Savannah River Environmental Sciences Field Station - (17110-FL53)

13,500

Sponsor: SC Universities Research and Education Foundation (SCUREF)/SRNS/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 0

PROJECT_YEARS: 1

Report Total:

\$3,089,746