

Office of Research
IT and Data Management Office

February, 2019 New Awards

Arnold School of Public Health

Communication Sci & Disorders

Klusek, Jessica

Defining the Language Phenotype of the FMR1 Premutation - 11560-FA49 15,000

Sponsor: National Institute on Deafness and Other Communication Disorders
(NIDCD)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 439,500
PROJECT_YEARS: 3

Health Prom., Educ. & Behavior

Thrasher, James

Evaluation of Cigarette Package Inserts for Enhanced Communication with Smokers - 11540-FB06 555,065

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 2,733,153
PROJECT_YEARS: 5

Public Health - Dean's Office

Gillam, Pamela

South Carolina First Steps (SCFS) Evaluation Services - 11580-GA09 72,399

Sponsor: SC First Steps to School Readiness

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Smithwick, Julie

Community Health Worker Institute - 11500-KJ24 1,028,532

Sponsor: Blue Cross Blue Shield Foundation of South Carolina

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

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Workman, Lauren

Healthy People Healthy Carolinas Evaluation 2019 - 11580-KA24

28,127

Sponsor: SC Hospital Research and Education Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

College of Arts and Sciences

Chemistry & Biochemistry

Angel, S.

*Spatial Heterodyne Raman Spectroscopy Instrumentation Development for Saltstone
Headspace Analysis - 13020-FD29*

74,998

Sponsor: Savannah River National Laboratory/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Myrick, Michael

Spatial Heterodyne Raman Spectroscopy Data Analysis - 13020-FD30

24,999

Sponsor: Savannah River Nuclear Solutions (SRNS)/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

School of Earth, Ocean & Env.

Lang, Susan

*Collaborative Research: Investigating the Fate of Carbon at an Ultraslow Spreading
Center - 21610-FA22*

378,424

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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College of Education

Educ. Leadership & Policies

Tran, Henry

RRI Survey Study - 15230-GL20

61,374

Sponsor: SC Education Oversight Committee

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Educational Studies

Wolfe, Katie

Behavior Analyst Certification Board (BACB) Verified Course Sequence and Practicum - 15240-GJ05

658,228

Sponsor: SC Department of Health and Human Services (SC DHHS)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

SC School Improvement Council

Utter, Karen

Carolina Family Engagement Center (CFEC) - 15280-FJ03

230,000

Sponsor: Office of Innovation and Improvement/USDE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 4,622,455

PROJECT_YEARS: 5

College of Engineering & Comp.

Civil & Environmental Eng.

Huynh, Nathan

SPR 743: Pavement Performance Curves: Modeling Pavement Deterioration for SCDOT - 15520-FB63

251,371

Sponsor: SC Department of Transportation (SCDOT)/FHWA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

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Qian, Yu

Investigation of Fouling Effect in Railroad Ballast Performance - 15520-JA25 61,022

Sponsor: Transportation Technology Center, Inc. (TTCI), subsidiary of AAR

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Viparelli, Enrica

Development of ALGE code - 15520-FB64 41,231

Sponsor: Savannah River National Laboratory (SRNL)/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Mechanical Engineering

Chao, Yuh

Development of Experimental Method for Strain Analysis for Board Level Products - 15540-JB09 100,000

Sponsor: Samsung Electronics Co., Ltd.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Downey, Austin

CRII: CPS: Algorithms and Methodologies for Real-Time Decision-Making of Mission-Critical Structures Experiencing High-Rate Dynamics - 15540-FE01 175,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Harik, Ramy

Experimental Evaluation of the Optimal AFP Process Parameters using New Toray Materials -- Task Order 3 - 15540-JB11 37,049

Sponsor: Toray

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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van Tooren, Michael

Lockheed Martin/Sikorsky Research Effort with USC: 3D Printing with Embedded Fiber-Optic Strain Sensors - 15540-JB10 100,000

Sponsor: Lockheed Martin Corporation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Wang, Yi

Model Order Reduction for Fast and Rapid Simulation of Human and Vehicle Thermal Signatures - 15540-FE00 30,326

Sponsor: CFD Research Corporation/US Army

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

College of Pharmacy

Drug Discovery & Biomed Sci.

Shtutman, Michael

Impact of Dead Box RNA Helicase 3 Signaling on HIV-1 Tat- and Cocaine-Induced Neurotoxicity - 11110-FB04 222,765

Sponsor: National Institute on Drug Abuse (NIDA)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 408,258
PROJECT_YEARS: 2

College of Social Work

Families in Society, Institute

Shapiro, Cheri

South Carolina First Steps (SCFS) Evaluation Services - 10010-GA09 35,899

Sponsor: SC First Steps to School Readiness

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Darla Moore School of Business

Moore Sch - Div. of Research

Von Nessen, Joseph

S.C. State Housing Finance and Development Authority - 21200-GA50

88,450

Sponsor: SC Ports Authority

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Hosp., Retail, & Sport Mgmt

Sport & Entertainment Mgmt

Koesters, Todd

Charlotte Hornets - Rate Card Study - 14030-JA07

38,266

Sponsor: Hornets Basketball, LLC

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Office of the Provost

Rule of Law Collaborative

Triolo, Anthony

Task Force on Justice meeting in Sierra Leone - 61000-KL01

34,500

Sponsor: NYU Center on International Cooperation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Palmetto College

Palmetto College - General

Dyer, Robert

USC Palmetto College - RUS DLT Grant - 2018 - 17100-FQ00

478,556

Sponsor: United States Department of Agriculture (USDA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

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School of Medicine

Internal Medicine

Macnevin, Ryan

EMPEROR-Reduced: A phase III randomised, double-blind trial to evaluate efficacy and safety of once daily empagliflozin 10 mg compared to placebo, in patients with chronic Heart Failure with reduced Ejection Fraction (HFrEF) - (Protocol No. 1245.121) - 5,000

Sponsor: Boehringer Ingelheim Pharmaceuticals, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 4

Neurology

Sen, Souvik

Philips PREMIERS Ancillary Study (Protocol # 04 2702015) - 18450-JA25 180,800

Sponsor: UNC at Chapel Hill/Philips Oral Healthcare

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 4

Neuropsychiatry

Lachance, Kerry

USC-SC Dept of MH (SCDMH) Cooperative Agreement for Provision of LPC Contract Courses - 18120-GJ12 39,000

Sponsor: SC Department of Mental Health

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 70,200
PROJECT_YEARS: 3

Path, Microbio. & Immunology

Catroppo, James

ICPI Medical Student Group (MSIG) Program for the 2018-2019 Academic Year - 18060-KJ05 500

Sponsor: Intersociety Council for Pathology Information, Inc./ASIP

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Pharm., Physiology & Neurology

Kelly, Michy

Role of Cyclic Nucleotide Signaling in Age-related Decline of Social Memories - 18080-FA84 325,734

Sponsor: National Institute on Aging (NIA)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 2,373,482
PROJECT_YEARS: 5

Reagan, Lawrence

IPA for Dr. Claudia Grillo - 18080-FA83 44,953

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 89,906
PROJECT_YEARS: 2

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Wilson, Marlene

IPA Devin Kellis: Neural Basis of Individual Differences in Fear Extinction - 18080-FA79 40,248

Sponsor: William Jennings Bryan Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

IPA Jim Fadel: Neural Basis of Individual Differences in Fear Extinction - 18080-FA80 7,765

Sponsor: William Jennings Bryan Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

IPA David Mott: Neural Basis of Individual Differences in Fear Extinction - 18080-FA81 16,384

Sponsor: William Jennings Bryan Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

IPA Susan Wood: Neural Basis of Individual Differences in Fear Extinction - 18080-FA82 6,561

Sponsor: William Jennings Bryan Dorn VA Medical Center/VA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Vice President for Research

Office Research - General

Deans, Kenneth

PCORnet 2.0 Membership - 22000-KA93 181,418

Sponsor: Vanderbilt University Medical Center/PCRF

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

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Report Total:

\$5,669,944