

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

April, 2018 Awards

Administration & Finance

Admin. & Finance

Hardaway, Chad

EDA Grant - University Innovation Center Clusters - 15510-FJ02 106,400

Sponsor: US Department of Commerce

Co-PI:

USC Center for Applied Innovation and Advanced Analytics - i6 - 15510-FL00 63,000

Sponsor: US Economic Development Administration (EDA)/DOC

Co-PI:

EDA Grant - University Innovation Center Clusters - 62020-FJ00 -106,400

Sponsor: US Department of Commerce

Co-PI:

USC Center for Applied Innovation and Advanced Analytics - i6 - 62020-FL00 -63,000

Sponsor: US Economic Development Administration (EDA)/DOC

Co-PI:

Arnold School of Public Health

Communication Sci & Disorders

Behroozmand, Roozbeh

Neural Mechanisms of Vocal Communication in the Human Brain - 11560-FA31 22,862

Sponsor: University of Iowa/NIH

Co-PI:

Sensorimotor Processing of Auditory Feedback in Aphasia - 11560-FA39 15,000

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

Co-PI:

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April, 2018 Awards

Fridriksson, Julius

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Admin Core) - 11560-FA40 311,232

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

Co-PI:

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Core 1) - 11560-FA41 235,614

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

Co-PI:

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Project 2 - Subcontract with Johns Hopkins University) - 11560-FA42 517,703

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

Co-PI:

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Project 4 - Subcontract with University of California, Irvine) - 11560-FA43 191,467

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

Co-PI:

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Project 1) - 11560-FA44 688,877

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

Co-PI:

Environmental Health Sciences

Chanda, Anindya

Retrospective Assessment of Microbial Infections in Traumatic Spinal Cord Injured (TSCI) Population - 11510-GA01 29,595

Sponsor: SC Spinal Cord Injury Research Fund/MUSC

Co-PI:

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April, 2018 Awards

Epidemiology & Biostatistics

Liese, Angela

Impact of Disparities in Food Security on Glycemic Control and Health Care Utilization Among Youth and Young Adults with Diabetes - 11520-FB65 710,964

Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

Co-PI:

McDermott, Suzanne

Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities - Year 5 - 11520-FB57 4,573

Sponsor: Centers for Disease Control and Prevention (CDC)/HHS

Co-PI:

Exercise Science

Pate, Russ

Increasing Physical Activity in Young Children: Online Training for Childcare Center Staff - 11530-KA61 75,000

Sponsor: BCBS of South Carolina Foundation

Co-PI:

Torres-McGehee, Toni

Theraworx Relief™ Clinical Trial for Night Leg Cramps- A Case Series Pilot to Evaluate the Effectiveness of Theraworx Relief™ in Relieving Night Leg Cramps - 11530-JA18 35,762

Sponsor: Avadim Technologies, Inc.

Co-PI:

Weaver, Glenn

Interventions to Promote Healthy Lifestyle and Academic Performance in Children during the Summer Months - Diversity Supplement (Ethan Hunt) - 11530-FB34 35,626

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

Co-PI:

Health Prom., Educ. & Behavior

Blake, Christine

Competitive Small Grants Program for Research on Food Choice in Africa and Asia - 11540-KA51 66,000

Sponsor: Bill & Melinda Gates Foundation/DFID

Co-PI: Frongillo, Edward

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Friedman, Daniela

DHHS Contract for support of the work of the Office for the Study of Aging (PRIME) - 11500-FL48 -50,000

Sponsor: SC Department of Health and Human Services/HHS

Co-PI: Pearson, Joseph Lee

Faith, Activity, and Nutrition: Dissemination in Underserved Communities (Year 3) - SIP 14-002 - 11570-FB31 -1,935

Sponsor: Centers for Disease Control and Prevention (CDC)/HHS

Co-PI:

Faith, Activity, and Nutrition: Dissemination in Underserved Communities - SIP 14-011 (Year 3) - 11570-FB32 -14,191

Sponsor: Centers for Disease Control and Prevention (CDC)/HHS

Co-PI:

SIP 14-002 Healthy Brain Research Network Collaborating Center (Year 4) - 11570-FB40 1,935

Sponsor: National Center for Chronic Disease Prevention and Health Promotion (CDC)/HHS

Co-PI:

SIP 14-011 SC Cancer Prevention and Control Research Network Collaborating Center (Year 4) - 11570-FB42 14,191

Sponsor: National Center for Chronic Disease Prevention and Health Promotion (CDC)/HHS

Co-PI:

Li, Xiaoming

Big Data Analytics of HIV Treatment Gaps in South Carolina: Identification and Prediction - 11540-FA85 572,716

Sponsor: National Institute of Allergy & Infectious Diseases (NIAID)/NIH

Co-PI:

Moore, Douglas

Resilience and cellular health among South Carolina women: Dopsychosocial factors protect against the adverse impact of stress on cellular aging processes? - 11540-KA69 19,952

Sponsor: Greenville Health System (GHS) Health Sciences Center

Co-PI:

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April, 2018 Awards

Thrasher, James

Evaluating How Tobacco Control Policies are Shaping the Nicotine Delivery Market - 11540-FA76 73,439

Sponsor: Medical University of South Carolina/NIH

Co-PI:

Pilot Award: Cross-validation of auction modalities to assess demand for emerging nicotine products - 11540-FA93 24,997

Sponsor: University of Waterloo/NIH

Co-PI:

Pilot Award: Cross-validation of auction modalities to assess demand for emerging nicotine products - 11540-LA08 -24,997

Sponsor: University of Waterloo

Co-PI:

Health Services Policy & Mgmt

Khan, Mahmud

Economic Impact of Tuberculosis among Bangladeshi Population and Economic Evaluation of the Current Approaches of Tuberculosis Control in Bangladesh (Dr. Mohammad R. Haider- Student No. V04059041) - 11550-KA12 -20,000

Sponsor: World Health Organization

Co-PI:

Olatosi, Bankole

Big Data Analytics of HIV Treatment Gaps in South Carolina: Identification and Prediction - 11550-FA73 51,131

Sponsor: National Institute of Allergy & Infectious Diseases (NIAID)/NIH

Co-PI:

Ostermann, Jan

Does Preference-based HIV Testing Increase Uptake in High Risk Populations? - 11550-FA63 493,236

Sponsor: National Institute of Mental Health (NIMH)/NIH

Co-PI:

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April, 2018 Awards

College of Arts and Sciences

Archaeology & Anthropology

Smith, Steven

Stark Farms Metal Detecting Survey 2018 - 21300-LA08 4,170

Sponsor: The Chickasaw Nation

Co-PI:

Stephenson, Donald

South Carolina Institute of Archaeology and Anthropology 709,297

Cooperative Agreement: DE-EM0002875

Savannah River Archaeological Research Program - 21300-FA84

Sponsor: US Department of Energy (DOE)

Co-PI:

Baruch Institute

Miller, Gwen

Estimating Above Ground Biomass Utilizing Planet Multispectral Satellite Data - 1,200
21600-KA92

Sponsor: Slocum-Lunz Foundation

Co-PI:

Quattro, Joseph

Innovative Fish Ageing Methods for Rapid Detection of Climate-Driven Changes in 18,511
Population Demography - 21600-FC77

Sponsor: SC Sea Grant Consortium

Co-PI:

Smith, Erik

Relating Nonpoint Source BOD Loading to Land-Use and Stormwater Management 20,741
Practices in Coastal South Carolina - 21600-FC78

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

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April, 2018 Awards

Biological Sciences

Kathrein, Katie

A Screen for Epigenetic Regulators of Hematopoiesis Reveals a Requirement for the Hbo1 Complex during Hematopoietic Stem Cell Specification - 13010-FC56 46,398

Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

Co-PI:

Patel, Priyanka

Manipulation of the local translation of Rho GTPases in axons to support axon regeneration - 13010-KJ03 145,200

Sponsor: Wings For Life - Spinal Cord Research Foundation Inc.

Co-PI:

Patel, Rekha

Dysregulation of the PACT-mediated crosstalk between protein kinases PKR and PERK contributes to dystonia 16 (DYT16). - 13010-FC65 292,705

Sponsor: US Army Med Research ACQ Activity/DOD

Co-PI:

Pinckney, James

Development of Models for Phytoplankton-Nutrient Responses in Support of Numeric Nutrient Criteria for Estuarine Water Quality - 21600-FC79 21,198

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Rykaczewski, Ryan

From Physics to Fisheries: a Social-Ecological Management Strategy Evaluation for the California Current Large Marine Ecosystem - 21600-FC70 17,565

Sponsor: National Oceanic and Atmospheric Administration/DOC

Co-PI:

Chemistry & Biochemistry

Chruszcz, Maksymilian

Antigenic Determinants of Asthma-Associated Allergens for Design of Immunotherapy - 13020-FC56 109,875

Sponsor: Indoor Biotechnologies, Inc./ NIH

Co-PI:

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April, 2018 Awards

Greytak, Andrew

Equilibrium Thermodynamics of Semiconductor Nanocrystal Ligand and Ion Exchange via Calorimetry - 13020-FC73 11,579

Sponsor: National Science Foundation (NSF)

Co-PI:

Karthikeyan, Mythreye

(SOAR-USC) - PILOT PROJECT: Therapeutic impact of epigenetically regulated GDF2/BMP9 in ovarian cancer - 13020-KB10 30,000

Sponsor: University of South Carolina College of Pharmacy, American Cancer Society Institutional Research Gr

Co-PI:

Shimizu, Linda

Functional Organic Nanotubes from Self-Assembled Bis-Urea Macrocycles (Travel Supplement) - 13020-FD10 9,904

Sponsor: National Science Foundation (NSF)

Co-PI:

Shustova, Natalia

An Educational Support Network for Minority Students in STEM Disciplines - 13020-GJ04 9,000

Sponsor: SC EPSCoR- SAN/SC Commission on Higher Education

Co-PI:

Tang, Chuanbing

ACS PROJECT SEED 2018 - Summer 2 - 13020-KB09 10,000

Sponsor: American Chemical Society (ACS)

Co-PI:

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zur Loye, Hans-Conrad

*New Lanthanide-Containing Silicate Fluoride Scintillators for Radiation Detection -
13020-FD09* 499,773

Sponsor: National Science Foundation (NSF)

Co-PI:

*Directed Synthesis of New Actinide Containing Oxides, Fluorides and
Chalcogenides - 13020-FD11* 14,100

Sponsor: US Department of Energy (DOE)

Co-PI:

Earth & Ocean Sciences

Bulusu, Subrahmanyam

*Upper Ocean Mixing Processes and Circulation in the Arabian Sea during Monsoons
using Remote sensing, Hydrographic observations and HYCOM simulations
- 13040-FC36* 64,812

Sponsor: Office of Naval Research (ONR)

Co-PI:

Lang, Susan

*Modifications to Large Volume Sampler for improved hydrothermal fluid sampling -
21610-KA00* 17,920

Sponsor: Marine Biological Laboratory/Alfred P. Sloan Foundation

Co-PI:

Geography

Cutter, Susan

*Collaboration with Chr. Michelsen Institute, Norway: Creating a political and social
climate for climate change adaptation - 13540-LL00* 32,815

Sponsor: Chr. Michelsen Institute/National Research Council of Norway

Co-PI:

History

Schulz, Constance

*The Revolutionary Era Pinckney Statesmen of South Carolina, A Digital Documentary
Edition: Phase 3 - 13550-FA26* 12,500

Sponsor: National Endowment for the Humanities (NEH)

Co-PI:

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Mathematics

Boylan, Matthew

Graduate Recruiting in Mathematics at the University of South Carolina - 13060-GJ00 10,000

Sponsor: SC EPSCoR- SAN/SC Commission on Higher Education

Co-PI:

Thorne, Frank

Simons Fellowship: Analytic Number Theory and Arithmetic Statistics - 13060-KA14 52,838

Sponsor: Simons Foundation

Co-PI:

Physics & Astronomy

Avignone, Frank

Neutrino-less Double-Beta Decay with CUORE and the MAJORANA DEMONSTRATOR - 13070-FB48 300,000

Sponsor: National Science Foundation (NSF)

Co-PI: Creswick, Richard

Kulkarni, Varsha

Connecting the Different Signatures of Interstellar Dust at Low Redshift: A Benchmark for Comparison to the Distant Universe - 13070-FB58 71,754

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

Psychology

Richards, John

The Neurodevelopmental MRI Database - 13580-FB49 66,275

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

Co-PI:

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Rorden, Christopher

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Core 2) - 13580-FB57 159,840

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

Co-PI:

Center for the Study of Aphasia Recovery (C-STAR) -- Year 3 (Project 3) - 13580-FB58 108,156

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

Co-PI:

Statistics

Edwards, Donald

Improving Accuracy and Reliability in Cancer Screening Tests - 13080-FA36 22,875

Sponsor: Trustees of Boston University/NIH

Co-PI:

College of Education

Educational Studies

Kunz, Gina

School Psychology Specialization in Toddlers with Autism Spectrum Disorders - 15200-FJ02 22,094

Sponsor: University of Nebraska Lincoln/USDE

Co-PI:

Building Bridges Through Relationships (Building Bridges: A High School Dropout Prevention Program) - 15200-KA00 3,900

Sponsor: University of Nebraska - Lincoln/Woods Charitable Foundation

Co-PI:

Instruction & Teacher Educ.

Miller, Bridget

Standards Based Integrated Instruction: The Next Step (SBII) Program - 15250-FL63 9,157

Sponsor: SC Department of Education/USDE

Co-PI: Martin, Christie Buchheister, Kelley Lauterbach, Jochen

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April, 2018 Awards

Office of Program Evaluation

Lewis, Ashlee

Standards Based Integrated Instruction: The Next Step (SBII) Program - 15290-FL32 4,320

Sponsor: SC Department of Education/USDE

Co-PI:

College of Engineering & Comp.

Chemical Engineering

Matthews, Michael

Diversifying the engineering graduate student body at USC-Columbia for MADE in SC - 15510-GJ00 10,000

Sponsor: SC EPSCoR- SAN/SC Commission on Higher Education

Co-PI:

Ritter, James

Roadmap Development for RAPID. Intensified Process Fundamentals - 15510-FC95 100,000

Sponsor: American Institute of Chemical Engineers (AICE)/DOE

Co-PI:

MFES for High throughput Modular Process Intensified Gas Separation and Ion Exchange (Matching funds for 15510-18-48593) - 15510-GQ00 100,000

Sponsor: Clemson/Department of Commerce

Co-PI:

Shimpalee, Sirivatch

Numerical simulation of multiphase behaviour in state of the art alkaline water electrolyzer - 15510-LA04 162,000

Sponsor: Korean Institute of Energy Research (KIER)

Co-PI:

Weidner, John

High Performance Li-S Batteries - 15510-GA26 35,000

Sponsor: Clemson/SC EPSCoR

Co-PI:

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April, 2018 Awards

Civil & Environmental Eng.

Sasanakul, Inthuorn

Ground Subsidence Study using InSAR and Groundwater data in Georgetown, South Carolina - 15520-FB41 4,395

Sponsor: SC Department of Natural Resources/EPA

Co-PI:

Viparelli, Enrica

Development of ALGE code - 15520-FB57 3,760

Sponsor: Savannah River National Laboratory/DOE

Co-PI:

Computer Science & Engineering

Bakos, Jason

Data Analysis, Computer Vision, and Machine Learning for Plutonium Canister Corrosion Surveillance - 15590-FB35 44,966

Sponsor: Savannah River National Laboratory/DOE

Co-PI:

REU Supplement: SHF: Small: Collaborative Research: The Automata Programming Paradigm for Genomic Analysis - 15590-FB37 16,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Hu, Jianjun

Big Data Analytics of HIV Treatment Gaps in South Carolina: Identification and Prediction - 15590-FB32 9,732

Sponsor: National Institute of Allergy & Infectious Diseases (NIAID)/NIH

Co-PI:

Tang, Jijun

Recruiting and retaining a diversified group of graduate students in Computer Science and Engineering - 15590-GL00 10,000

Sponsor: SC EPSCoR- SAN/SC Commission on Higher Education

Co-PI:

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April, 2018 Awards

Yan, Yonghong

NSF CCF-1551182 SHF:Small:Collaborative Research: Application-aware Energy Modeling and Power Management for Parallel and High Performance Computing (Project Transfer from Oakland University to University of South Carolina) - 15590-FB36 107,790

Sponsor: National Science Foundation (NSF)

Co-PI:

CAREER: Programming the Existing and Emerging Memory Systems for Extreme-scale Parallel Performance (Project Transfer from Oakland University to SC) - 15590-FB38 218,063

Sponsor: National Science Foundation (NSF)

Co-PI:

Electrical Engineering

Benigni, Andrea

GRAPES GR-14-05 PV Inverter Control to Sustain High Quality of Service - 15530-JA41 -11,841

Sponsor: GRAPES

Co-PI:

Dougal, Roger

Electric Ship Research and Development (ESRDC FY17-21) - 15530-FB74 398,210

Sponsor: Florida State University/ONR

Co-PI: Ginn, Herbert Benigni, Andrea Santi, Enrico Khan, Jamil

GRAPES Industry University Collaborative Research Center (I/UCRC) - Operating Account for NSF Award 15530-FA93 - 15530-JA18 21,730

Sponsor: Various Sponsors

Co-PI:

GRAPES (GR-14-06): DC Circuit Protection - 15530-JA42 -113

Sponsor: GRAPES

Co-PI:

Ginn, Herbert

GRAPES GR-16-03 Non-periodic Compensator Prototype - 15530-JA46 -9,766

Sponsor: GRAPES

Co-PI:

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April, 2018 Awards

Santi, Enrico

Feasibility of Time-Frequency Analysis Built into Power Converters for Cable Health Monitoring - 15530-JA45 -10

Sponsor: GRAPES

Co-PI:

Zhang, Bin

Predictive Condition-Based Maintenance for High-Powered Phased Array Radar Systems - 15530-FB68 28,125

Sponsor: Intelligent Automation Inc/ONR

Co-PI:

Mechanical Engineering

Besmann, Theodore

Nepheline Thermodynamic Model Creation and Validation - 15540-FD16 20,000

Sponsor: Battelle Memorial Institute, Pacific Northwest Division/DOE

Co-PI:

Chen, Fanglin

SC Space Grant Consortium Campus Director Budget - 15540-FL02 1,000

Sponsor: College of Charleston/NASA

Co-PI:

Harik, Ramy

Research Scientist in Automated Fiber Placement and Associate Technologies - 15540-FD74 124,621

Sponsor: National Institute of Aerospace Associates (NIA)/NASA

Co-PI:

Khan, Jamil

Electric Ship Research and Development (ESRDC FY17-21) - 15540-FD70 32,866

Sponsor: Florida State University/ONR

Co-PI:

Li, Chen

Bubble/Vapor Slug Dynamics in a Confined Domain - 15540-FD12 94,813

Sponsor: Office of Naval Research/DOD

Co-PI: Tong, Yan

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April, 2018 Awards

Wang, Yi

*Nonlinear Parameter-Varying Aeroservoelastic Reduced Order Model For
Aerostructural Sensing And Control - 15540-FD57*

67,458

Sponsor: CFD Research Corporation/NASA

Co-PI:

College of Nursing

Nursing

Pinto, Bernardine

*Peers Promoting Exercise Adoption and Maintenance among Cancer Survivors -
11200-FA24*

457,397

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

College of Pharmacy

Drug Discovery & Biomed Sci.

Shtutman, Michael

*Functional Identification of New Mechanisms of Neurotoxicity Induced by HIV and
Drugs of Abuse - 11110-FA88*

14,650

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

Co-PI:

Xu, Peisheng

Brain Targeted Nanoparticle for Alzheimer's Disease Therapy - 11110-FA89

36,625

Sponsor: National Institute on Aging (NIA)/NIH

Co-PI:

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Palmetto Poison Center

Michels, Jill

South Carolina Poison Center Support and Enhancement Project - 11140-FL25 -7,054

Sponsor: Health Resources & Services Administration (HRSA)/HHS

Co-PI: Richardson, William

South Carolina Poison Center Support and Enhancement Project - 11140-FL27 -2,976

Sponsor: Health Resources & Services Administration (HRSA)/HHS

Co-PI: Richardson, William

South Carolina Poison Center Support and Enhancement Project - 11140-FL31 2,976

Sponsor: Health Resources & Services Administration (HRSA)/HHS

Co-PI: Richardson, William

Pharm - Clin Pharm & Outcomes Sciences

Bennett, Charles

Supporting Outstanding Academic Research Seed Grants at USC (SOAR USC) - 11150-KA26 -60,000

Sponsor: The American Cancer Society

Co-PI:

Love, Bryan

(SOAR-USC) - PILOT PROJECT: Hepatitis B Virus Reactivation with anti-CD20 Monoclonal Antibodies - 11150-KA28 30,000

Sponsor: American Cancer Society Institutional Research Grant

Co-PI:

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College of Social Work

Social Work - Dean's Office

Browne, Teri

Reducing Racial Disparities in Access to Kidney Transplantation: the RaDIANT Regional Study - 15900-FA75 20,659

Sponsor: Emory University/NIH

Co-PI:

Putting Patients at the Center of Kidney Care Transitions - 15900-KA33 44,829

Sponsor: Duke University/PCORI

Co-PI:

Darla Moore School of Business

Moore Sch - Div. of Research

Von Nessen, Joseph

BlueCross BlueShield of South Carolina - Economic Impact Analysis - 21200-JA34 49,250

Sponsor: BlueCross BlueShield of S.C.

Co-PI:

Div. of Information Technology

Office of CIO

Torkian, Behzad

Data Analysis, Computer Vision, and Machine Learning for Plutonium Canister Corrosion Surveillance - 65100-FA00 21,975

Sponsor: Savannah River National Laboratory/DOE

Co-PI:

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April, 2018 Awards

International Programs

English for Internationals

Curtis, Wesley

Study of U.S. Institutes for Student Leaders from Europe Institute in Civic Engagement - 25300-FJ07 143,134

Sponsor: FHI 360/US Department of State

Co-PI:

Law Enforcement & Safety

Environmental Health & Safety

Syfert, Tom

USC Lancaster Emergency Warning System - 67010-FQ04 -2,792

Sponsor: SC Emergency Management Division/FEMA/DHS

Co-PI:

USC Salkehatchie Hazard Mitigation Emergency Warning System - 67010-FQ05 -1,050

Sponsor: SC Department Emergency Management/FEMA/DHS

Co-PI:

USC Upstate Generators and Wiring Upgrades - 67010-FQ07 -3,807

Sponsor: SC Emergency Management Division

Co-PI:

Law Enforc. & Safety

Culp, Erin

Firehouse First Responders Grant Proposal - 66000-KQ00 26,670

Sponsor: Firehouse Subs Public Safety Foundation, Inc.

Co-PI:

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April, 2018 Awards

School of Law

Children's Law Center

Morris, Carolyn

DSS Child Welfare Training Contract (Year 3): Foster Parents & Providers - 15810-FL93 12,779

Sponsor: SC Department of Social Services (DSS)/HHS

Co-PI:

DSS Child Welfare Training Contract (Year 3): Mandated Reporters - 15810-FL94 154,943

Sponsor: SC Department of Social Services (DSS)/HHS

Co-PI:

DSS Projects Contract (Year 3): Policy - 15810-FM00 24,221

Sponsor: SC Department of Social Services (DSS)/HHS

Co-PI:

DSS Projects Contract (Year 3): Data - 15810-FM01 18,251

Sponsor: SC Department of Social Services (DSS)/HHS

Co-PI:

School of Medicine

Cell Biology & Anatomy

Cui, Taixing

NRF2 Signaling in the Cross-Talk between Proteasomal and Lysosomal Degradation - 18020-FB55 163,537

Sponsor: University of South Dakota/NIH

Co-PI:

Eberth, John

Theranostic approach to treat abdominal aortic aneurysms - 18020-FB61 81,266

Sponsor: Clemson University/NIH

Co-PI:

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Fan, Daping

Impact of Macrophage PCSK9 on Breast Cancer - 18020-FB59

133,500

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Family & Preventive Medicine

Bennett, Kevin

Rare Condition Research using a combined Administrative/ Clinical Data warehouse - 18130-FA32

-4,573

Sponsor: National Center for Birth Defects & Developmental Disabilities/CDC

Co-PI: Mann, Joshua

Internal Medicine

Ahuja, Divya

AETC National Coordinating Resource Center- Hepatitis C - 18190-FJ44

25,000

Sponsor: Vanderbilt University Medical Center/Rutgers/HRSA

Co-PI:

Albrecht, Helmut

Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE - 18190-FA12

1,030

Sponsor: Hospital Corporation d/b/a Massachusetts General Hospital/NIH

Co-PI:

Rizvi, Ali

Systolic Blood Pressure Intervention Trial: Alzheimer's, Seniors, and Kidneys (SPRINT ASK) - 18190-FA13

1,442

Sponsor: Wake Forest University/ NIH

Co-PI:

Neurology

Cuturic, Miroslav

Enroll-HD: A Prospective Registry Study in Global Huntington's Disease Cohort - 18450-KA02

1,386

Sponsor: CHDI Foundation

Co-PI:

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April, 2018 Awards

Sen, Souvik

Multicenter, Randomized, Double-blind, Double-dummy, Active-comparator, Event-driven, Superiority Phase III Study of Secondary Prevention of Stroke and Prevention of Systemic Embolism in Patients with a Recent Embolic Stroke of Undetermined Source (ESUS), 41,541

Sponsor: Covance, Inc./Bayer HealthCare AG

Co-PI: Androulakis, X. Michelle Mehta, Sonal

Neuropsychiatry

Thornhill, Joshua

Subcontract Between Francis Marion University and the University of South Carolina School of Medicine for the Purchase and Provision of a Medical Education Program to be Delivered by the USC School of Medicine at an External Learning Site Located in Flore 1,500,000

Sponsor: Francis Marion University/SCDHHS/HHS

Co-PI:

Pediatrics

Brown, Daniel

Randomized, Double-Blind, Phase 3B Trial to Evaluate the Safety and Efficacy of 2 Treatment Regimens of Aztreonam 75 mg Powder and Solvent for Nebulizer Solution / Aztreonam for Inhalation Solution (AZLI) in Pediatric Subjects with Cystic Fibrosis (CF) an 8,300

Sponsor: Gilead Sciences, Inc.

Co-PI:

Cystic Fibrosis Foundation Grant FY17-18 - 18140-KA19 10,000

Sponsor: Cystic Fibrosis Foundation

Co-PI:

Brown, David

UNC-CH/Cystic Fibrosis--Reapplication - 18140-KA21 14,618

Sponsor: University of North Carolina at Chapel Hill/Cystic Fibrosis Foundation

Co-PI:

Rotholz, David

Training and Certification for Attendant Care Services - 18140-FM66 931,076

Sponsor: SC Department of Health & Human Services (SCDHHS)/HHS

Co-PI:

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April, 2018 Awards

Pharm., Physiology & Neurology

Kelly, Michy

Compartmentalization of Cyclic Nucleotide Signaling in the Ventral Hippocampus - 18080-FA46 333,750

Sponsor: National Institute of Mental Health(NIMH)/NIH

Co-PI:

Ortinski, Pavel

Neural Microcircuit Selection by Astrocyte Signaling Following Cocaine Exposure - 18080-FA70 30,038

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

Co-PI:

School of Medicine (Grvl)

Medicine Greenville

Casanova, Emily

Joint Hypermobility and Hypermobility Spectrum Disorders in Mothers of Children with Autism and ADHD - 16000-KA04 6,800

Sponsor: Autism Research Institute

Co-PI:

Egan, Brent

SCDHEC Bureau of Community Health and Chronic Disease Prevention - Diabetes Prevention (1422) - 16000-FA21 225,000

Sponsor: SC Department of Health & Environmental Control (DHEC)/CDC

Co-PI:

University Libraries

Univ Libraries - Dean's Office

Gettys, Rebecca

Shared Statewide Library Storage and Services Proposal - 30000-KA05 56,500

Sponsor: The Andrew W. Mellon Foundation

Co-PI:

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University of SC Beaufort

Beaufort - Academic Affairs

Montie, Eric

*Infrastructure to Monitor the Impacts of Water Quality and Climate Change on Our
Local Natural Resources - 17210-KA21* 63,775

Sponsor: Community Foundation of the Lowcountry

Co-PI:

University of SC Upstate

Upstate

Merriweather, Helen

ACHIEVE 2017-18 - 17880-FJ55 2,368

Sponsor: Upstate Workforce Investment Act/DOL

Co-PI:

Pae, Holly

Project CREATE 2017-18 - 17880-FJ57 15,502

Sponsor: SC Department of Education/US Department of Education

Co-PI:

Vice President for Research

EPSCoR

Aziz, Nadim

FY16 SC EPSCoR Appropriation - 22400-GA32 240,633

Sponsor: SC EPSCoR/IDeA/SC Commission on Higher Education (CHE)

Co-PI:

FY18 San Awards - 22400-GA37 46,200

Sponsor: SC EPSCoR/SC Commission on Higher Education

Co-PI:

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Report Total: \$13,509,389