February, 2019 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:	
Environmental Health Sciences Xiao, Shuo	
Pilot Project: The Effect of Sparstolonin B (SsnB) Supplementation on Attenuating Doxorubicin (DOX)-Induced Ovarian Inflammation - 18060-FB58	66,750
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
Exercise Science Wang, Xuewen	
Effects of Sleep Deficiency During Postpartum on Body Weight and Body Fat Changes in African American and White Women - 11530-FB36	183,125
Sponsor: National Institute on Minority Health & Health Disparities (NIMHD)/NIH Co-PI:	

IT and Data Management Office

Wilcox, Sara	
Faith, Activity, and Nutrition: Dissemination in Underserved Communities - Center Core (Year 3) - 11570-FB30	-9,058
Sponsor: Centers for Disease Control and Prevention (CDC)/HHS Co-PI:	
Faith, Activity, and Nutrition: Dissemination in Underserved Communities - Core Research(Year 3)- 11570-FB33	-18,812
Sponsor: Centers for Disease Control and Prevention (CDC)/HHS Co-PI:	
Faith, Activity, and Nutrition: Dissemination in Underserved Communities - Center Core (Year 5) - 11570-FB45	4,559
<i>Sponsor:</i> National Center for Chronic Disease Prevention and Health Promotion (CDC)/HHS <i>Co-PI:</i>	
Faith, Activity, and Nutrition: Dissemination in Underserved Communities - Core Research(Year 5)- 11570-FB46	23,311
Sponsor: National Center for Chronic Disease Prevention and Health Promotion (CDC)/HHS	
Co-PI:	
Health Prom., Educ. & Behavior Frongillo, Edward	
Monitoring, Learning and Evaluation Leadership, Guidance and Support to the Alive & Thrive Project - 11540-KA66	-2,524
Sponsor: FHI360/Bill and Melinda Gates Foundation Co-PI:	
Monitoring, Learning and Evaluation Leadership, Guidance and Support to the Alive & Thrive Project - 11540-KA70	34,838
Sponsor: FHI360/Bill and Melinda Gates Foundation Co-PI:	

IT and Data Management Office

Thrasher, James	
Evaluation of Cigarette Package Inserts for Enhanced Communication with Smokers - 11540-FB06	555,065
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
Health Services Policy & Mgmt Crouch, Elizabeth	
Children's Trust MIEC-HV Expanded Workforce Evaluation Part II: - 11500-FL59	4,118
<i>Sponsor:</i> Children's Trust of South Carolina/HRSA <i>Co-PI:</i>	
Radcliff, Elizabeth	
Children's Trust MIECHV Workforce Evaluation Project - 11550-FA69	-12,141
Sponsor: SC Children's Trust/HRSA Co-PI:	
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:	
Pack, Maya	
Infrastructure and Programmatic Support for the SC Institute of Medicine and Public Health - 11500-KA20	-60,000
Sponsor: USC Educational Foundation/The Duke Endowment Co-PI:	
Smithwick, Julie	
Community Health Worker Institute - 11500-KJ24	1,028,532
Sponsor: Blue Cross Blue Shield Foundation of South Carolina Co-PI:	
PASOs' Choose Well proposal - 11500-KL52	106,382
Sponsor: Private Foundation Co-PI:	

Workman, Lauren	
Children's Trust MIEC-HV Expanded Workforce Evaluation Part II: - 11580-FL32	8,023
<i>Sponsor:</i> Children's Trust of South Carolina/HRSA <i>Co-PI:</i>	
Healthy People Healthy Carolinas Evaluation 2019 - 11580-KA24	28,127
<i>Sponsor:</i> SC Hospital Research and Education Foundation <i>Co-PI:</i>	
College of Arts and Sciences	
Baruch Institute Quattro, Joseph	
Innovative Fish Ageing Methods for Rapid Detection of Climate-Driven Changes in Population Demography - 21600-FC87	9,962
Sponsor: SC Sea Grant Consortium/NOAA Co-PI:	
Smith, Erik	
Relating Nonpoint Source BOD Loading to Land-Use and Stormwater Management Practices in Coastal South Carolina - 21600-FC88	10,329
Sponsor: SC Sea Grant Consortium/NOAA Co-PI:	
Biological Sciences Berger, Franklin	
Center for Colon Cancer Research - Research Pilot Projects - 13130-FB01	-17,410
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
Ely, Berten	
South Carolina Postbaccalaureate Research Education Program - 13010-FC51	317,189
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	

IT and Data Management Office

Pinckney, James Development of Models for Pyhtoplankton-Nutrient Responses in Support of Nu Nutrient Criteria for Estuarine Water Quality - 21600-FC86	<i>meric</i> 10,848
Sponsor: SC Sea Grant Consortium/NOAA Co-PI:	
Reisman, David	
Center for Colon Cancer Research - Biorepository Core - 13130-FA99	17,410
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
Chemistry & Biochemistry Angel, S.	
Spatial Heterodyne Raman Spectroscopy Instrumentation Development for Salt Headspace Analysis - 13020-FD29	stone 74,998
Sponsor: Savannah River National Laboratory/DOE Co-PI:	
Myrick, Michael	
Spatial Heterodyne Raman Spectroscopy Data Analysis - 13020-FD30	24,999
<i>Sponsor:</i> Savannah River Nuclear Solutions (SRNS)/DOE <i>Co-PI:</i>	
Outten, Franklin	ial 60.000
GEAR CRP: Building stimuli-responsive ferritin protein nanocages for biomater applications - 13020-GA30	ial 60,000
Sponsor: SC EPSCoR/IDeA/SC Commission on Higher Education (SC CH Co-PI:	E)
Stefik, Morgan	
CAREER: Tunable Isomorphic Architectures - 13020-FD06	106,674
Sponsor: National Science Foundation (NSF) Co-PI:	

IT and Data Management Office

Earth & Ocean Sciences Kellogg, James	
Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - 13040-J400	-6,750
Sponsor: Elsevier Science, Ltd. Co-PI:	
Geography Ellis, Jean	
Vulnerability of Stormwater Management Ponds to Sea Level Rise and Flooding - 13540-FB51	24,500
Sponsor: SC Sea Grant Consortium/NOAA Co-PI:	
Psychology	
Booze, Rosemarie HIV/Cocaine Neurotoxicity in Females - 13580-FB52	583,662
Sponsor: National Institute on Drug Abuse (NIDA)/NIH Co-PI:	
January, Stacy-Ann	
A Comparison of Two Reading Interventions and Initial Evaluation of a Caregiver- Delivered Reading Intervention with ELL Students - 13580-FB62	299
Sponsor: University of Texas-Austin/USDE Co-PI:	
Roberts, Jane	
Exposure and Emotion Regulation as Predictors of Adjustment to Trauma - 13580- FB40	30,000
Sponsor: University of Kansas Center for Research, Inc./NIMH Co-PI :	
Weist, Mark	
South Carolina School Behavioral Health Resource and Training Program - 13580- FL26	250,375
Sponsor: SC Department of Education, Office of Special Services/USDE Co-PI:	

IT and Data Management Office

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:	
Sociology Henderson-Platt, Andrea	
The Impact of Tobacco Control Policies on Health Equity in the United States - Diversity Supplement - 13530-FA37	81,951
Sponsor: The Regents of the University of Michigan/NIH Co-PI:	
College of Education	
Educ. Leadership & Policies Tran, Henry	
RRI Survey Study - 15230-GL20	61,374
Sponsor: SC Education Oversight Committee Co-PI:	
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:	
Instruction & Teacher Educ. Googe, Heather	
SC Partnerships for Inclusion - 15220-FJ06	143,190
Sponsor: SC Department of Education/USDE	

SC School Improvement Council Utter, Karen	
Carolina Family Engagement Center (CFEC) - 15280-FJ03	230,000
<i>Sponsor:</i> Office of Innovation and Improvement/USDE <i>Co-PI:</i>	
College of Engineering & Comp.	
Chemical Engineering Heyden, Andreas	
RII Track-2 FEC: Center for a Sustainable Water, Energy, and Food Nexus (SusWEF) - 15510-FC84	-37,209
<i>Sponsor:</i> University of Puerto Rico/NSF <i>Co-PI:</i> Terejanu, Gabriel	
Mustain, William	
Novel Anion Exchange Membranes for High-Performance Fuel Cell Devices - 15 FD21	5510- 139,063
<i>Sponsor:</i> Pennsylvania State University/DOE <i>Co-PI:</i>	
Taheri-Qazvini, Nader	
RII Track-2 FEC: Center for a Sustainable Water, Energy, and Food Nexus (SusWEF) - 15510-FD22	37,209
<i>Sponsor:</i> University of Puerto Rico/NSF <i>Co-PI:</i>	
Weidner, John	
High Performance Li-S Batteries - 15510-GA26	35,000
Sponsor: Clemson/SC EPSCoR Co-PI:	
Civil & Environmental Eng. Chaudhry, M.	
RII Track-2 FEC Harnessing Big Data for Mitigation of Infrastructure Damage and Economic Societal Impacts of Floods - 15520-GA13	7,000
Sponsor: SC EPSCoR/IDeA/SC Commission on Higher Education (CHE) Co-PI:	

IT and Data Management Office

Goharian, Erfan Vulnerability of Coastal Stormwater Management Ponds to Compound Effects of Sea Level Rise and Inland Flooding - Phase II - 15520-FB65	25,000
Sponsor: SC Sea Grant Consortium/NOAA Co-PI:	
Huynh, Nathan SPR 743: Pavement Performance Curves: Modeling Pavement Deterioration for	251,371
SCDOT - 15520-FB63	
Sponsor: SC Department of Transportation (SCDOT)/FHWA Co-PI:	
Qian, Yu	
Investigation of Fouling Effect in Railroad Ballast Performance - 15520-JA25	61,022
<i>Sponsor:</i> Transportation Technology Center, Inc. (TTCI), subsidiary of AAR <i>Co-PI:</i>	
Viparelli, Enrica	
Development of ALGE code - 15520-FB64	41,231
Sponsor: Savannah River National Laboratory (SRNL)/DOE Co-PI:	
Computer Science & Engineering Yan, Yonghong	
CAREER: Programming the Existing and Emerging Memory Systems for Extreme- scale Parallel Performance (Project Transfer from Oakland University to SC) - 15590-FB38	130,146
<i>Sponsor:</i> National Science Foundation (NSF) <i>Co-PI:</i>	
<i>Mechanical Engineering</i> Chao, Yuh	
Development of Experimental Method for Strain Analysis for Board Level Products - 15540-JB09	100,000
Sponsor: Samsung Electronics Co., Ltd. Co-PI:	

IT and Data Management Office

Downey, Austin CRII: CPS: Algorithms and Methodologies for Real-Time Decision-Making of Mission- Critical Structures Experiencing High-Rate Dynamics - 15540-FE01 Sponsor: National Science Foundation (NSF) Co-PI:	175,000
Dryer, Frederick Integration of NMR interpretation tool in Surrogate Formulation and High Pressure Laminar Flow Reactor for Species Diagnostics in Jet Fuel Combustion - 15540-FD99 Sponsor: Universal Technology Corporation, US Airforce Research Laboratory (AFRL) Co-PI:	50,000
Harik, Ramy Experimental Evaluation of the Optimal AFP Process Parameters using New Toray Materials Task Order 3 - 15540-JB11 Sponsor: Toray Co-PI:	37,049
Shazly, Tarek Optimization of Injectable Biomaterials for Cardiac Applications - 15540-GA36 Sponsor: SC EPSCoR/IDeA/SC Commission on Higher Education (SC CHE) Co-PI:	60,000
van Tooren, Michael Lockheed Martin/Sikorsky Research Effort with USC: 3D Printing with Embedded Fiber-Optic Strain Sensors - 15540-JB10 Sponsor: Lockheed Martin Corporation Co-PI:	100,000
Wang, Yi Model Order Reduction for Fast and Rapid Simulation of Human and Vehicle Thermal Signatures - 15540-FE00 Sponsor: CFD Research Corporation/US Army Co-PI:	30,326

February, 2019 Awards

College of Pharmacy

Drug Discovery & Biomed Sci. Chen, Mengqian Evaluating the efficacy of Senexin B in prostate and breast cancer - 11110-JA08 Sponsor: Senex Biotechnology, Inc. Co-PI:	30,000
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: Xu, Peisheng	
Brain Targeted Nanoparticle for Alzheimer's Disease Therapy - 11110-FA89 Sponsor: National Institute on Aging (NIA)/NIH Co-PI:	366,250
Zhu, Jun Molecular mechanisms: Dysregulation of monoamine transporters by HIV-1 Tat and	515,554
cocaine - 11110-FA98 Sponsor: National Institute on Drug Abuse (NIDA)/NIH Co-PI:	
Palmetto Poison Center Michels, Jill	
Surveillance of the RADARS System by Poison Control Centers - 11140-LA00	29,400
Sponsor: Denver Health and Hospital Authority Co-PI:	

February, 2019 Awards

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:	
Social Work - Dean's Office Browne, Teri Putting Patients at the Center of Kidney Care Transitions - 15900-KA33 Sponsor: Duke University/PCORI Co-PI:	44,852
Darla Moore School of Business	
Moore Sch - Div. of Research Von Nessen, Joseph S.C. State Housing Finance and Development Authority - 21200-GA50 Sponsor: SC Ports Authority Co-PI:	88,450
Small Business Dev. Ctr. Abraham, Michele Office of Small Business Development Centers Program Announcement - 2018 (USC) - 21250-FM05 Sponsor: US Small Business Administration (SBA) Co-PI:	10,500
Office of Small Business Development Centers Program Announcement - 2018 (Winthrop) - 21250-ZL83	-10,500
Sponsor: US Small Business Administration (SBA) Co-PI:	

February, 2019 Awards

Hosp., Retail, & Sport Mgmt

Sport & Entertainment Mgmt Koesters, Todd Charlotte Hornets - Rate Card Study - 14030-JA07	38,266	
Sponsor: Hornets Basketball, LLC		
Co-PI:		
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:		

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:	

February, 2019 Awards

School of Medicine

Internal Medicine Albrecht, Helmut	
Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE - 18190-FA12	4,132
Sponsor: Hospital Corporation d/b/a Massachusetts General Hospital/NIH Co-PI:	
Protocol GS-US-380-1489, "A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of GS-9883/ Emtricitabine/ Tenofovir Alafenamide 18190-JA88	982
<i>Sponsor:</i> Gilead Sciences, Inc. <i>Co-PI:</i>	
GS-US-380-4580: A Phase 3b, Multicenter, Open-Label Study to Evaluate Switching From a Regimen of Two Nucleos(t)ide Reverse Transcriptase Inhibitors (NRTI) plus a Third Agent to a Fixed Dose Combination (FDC) of Bictegravir/Emtricitabine/Tenofovir Alafena	8,248
Sponsor: Gilead Sciences, Inc Co-PI:	
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:	
Neurology Cuturic, Miroslav	
Enroll-HD: A Prospective Registry Study in Global Huntington's Disease Cohort - 18450-KA02	1,288
Sponsor: CHDI Foundation Co-PI:	

Graham, Cole	
SMART – A prospective, multicenter registry assessing the embolization of neurovascular lesions using the Penumbra SMART COIL® System - 18450-JA22	850
Sponsor: Penumbra, Inc	
Co-PI:	
Mrelashvili, Davit	
ESTEEM: A Multicenter, Global, Observational Study to Collect Information on Safety and to Document the Drug Utilization of Tecfidera (Dimethyl Fumarate) When Used in Routine Medical Practice in the Treatment of Multiple Sclerosis - 18450-JA14	3,600
Sponsor: Biogen Idec MA Inc. Co-PI:	
Sen, Souvik	
Longitudinal Study of Young Patients with Embolic Stroke of Undetermined Source (ESUS) - 18450-JA20	550
Sponsor: Hamilton Health Sciences-Population Health Research Institute (PHRI) Co-PI:	
Philips PREMIERS Ancillary Study (Protocol # 04 2702015) - 18450-JA25	180,800
Sponsor: UNC at Chapel Hill/Philips Oral Healthcare Co-PI:	
A Multicenter, Randomized, Double-Blind, Placebo-Controlled,Parallel-Group Study of the Efficacy and Safety of Lemborexant inSubjects with Irregular Sleep-Wake Rhythm Disorder and Mild toModerate Alzheimer's Disease Dementia - 18450-KA03	3,526
Sponsor: Eisai, Inc. Co-PI:	
Neuropsychiatry	
Lachance, Kerry USC-SC Dept of MH (SCDMH) Cooperative Agreement for Provision of LPC Contract Courses - 18120-GJ12	39,000
<i>Sponsor:</i> SC Department of Mental Health <i>Co-PI:</i>	

IT and Data Management Office

Narasimhan, Meera Young Lives Matter - 18120-FA22	78,000
<i>Sponsor:</i> SC Department of Mental Health/SAMHSA/HHS <i>Co-PI:</i>	
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:	
Kubinak, Jason	
Pilot Project: Using Dietary Supplements to Treat a Newly Identified Pathophysiological Mechanism of IgA Deficiency - 18060-FB57	66,750
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
Nagarkatti, Prakash	
Center for Dietary Supplements and Inflammation Phase -2 (Admin Core) - 18060- FB48	-133,500
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
SCRA Support to manage South Carolina EPSCoR/IDeA State Office - 22410-ZH23	482,504
Sponsor: SC EPSCoR/IDeA/SC Commission on Higher Education (CHE) Co-PI:	
Pediatrics Neuberg, Ronnie	
COG Chair Grant: Per Case Reimbursement - 18140-FA19	100
Sponsor: Children's Hospital of Phildelphia/Children's Oncology Group/NIH Co-PI:	
COG St Baldrick's Foundation Supplemental Reimbursement - 18140-KA11	8,750
Sponsor: Children's Hospital of Philadelphia/ Children's Oncology Group/ St. Baldrick's Foundation Co-PI:	

Rotholz, David <i>Transition Alliance of South Carolina - 18140-FM67</i> <i>Sponsor:</i> SC Department of Education/USDE <i>Co-PI:</i>	24,000
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:	
Mott, David Muscarinic Modulation of the Basolateral Amygdala - 18080-FA51 Sponsor: National Institute of Mental Health (NIMH)/NIH Co-PI: McDonald, Alexander	443,066
Reagan, Lawrence IPA for Dr. Claudia Grillo - 18080-FA83 Sponsor: WJB Dorn VA Medical Center/VA Co-PI:	44,953

IT and Data Management Office

February, 2019 Awards

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:	
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:	
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:	
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:	
Surgery Clair, Daniel	
A Prospective, Multicenter, Non-Blinded, Non-Randomized Study of the RelayPro in Subjects with Thoracic Aortic Aneurysms and Penetrating Atherosclerotic Ulcers (Protocol IP-0015-16) - 18200-JA11	400
Sponsor: Bolton Medical, Inc. Co-PI:	
University of SC Aiken	
AK Biology & Geology Hancock, Charles	
CAREER: Revealing the Mechanisms that Determine How an Active DNA Transposable Element Impacts the Genome - 17110-FA64	52,302

Sponsor: National Science Foundation (NSF) Co-PI:

February, 2019 Awards

University of SC Beaufort

BFT Grants Ji, Yiming	49,726
RII Track-2 FEC: Bridging Cognitive Science and Neuroscience Using Innovative Imaging Technologies - 17210-FA17 Sponsor: Medical University of South Carolina (MUSC)/NSF Co-PI:	
Vice President for Research	
EPSCoR Aziz, Nadim	
FY16 SC EPSCoR Appropriation - 22400-GA32	-1,531,819
<i>Sponsor:</i> SC EPSCoR/IDeA/SC Commission on Higher Education (CHE) <i>Co-PI:</i>	
FY16 SC EPSCoR Appropriation - Phase 0 Accounts - 22400-GA33	30,000
Sponsor: SC EPSCoR/SC Commission on Higher Education Co-PI:	
FY16 SC EPSCoR Appropriation - Clemson NASA Match - 22400-GA35	112,315
Sponsor: SC EPSCoR/SC Commission on Higher Education Co-PI:	
EPSCoR Stimulus Research Program - 22400-GA36	600,000
Sponsor: SC EPSCoR/SC Commission on Higher Education Co-PI:	
FY18 GEAR and GEAR-CRP Awards - 22400-GA38	180,000
Sponsor: SC EPSCoR/SC Commission on Higher Education Co-PI:	

February, 2019 Awards

Office Research - General

Deans, Kenneth PCORnet 2.0 Membership - 22000-KA93 Sponsor: Vanderbilt University Medical Center/PCRF Co-PI:

181,418

Report Total:

\$9,538,779