

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

**August, 2018 Awards**

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**Administration & Finance**

**Admin. & Finance**

**Walton, Ed**

*USC CHQ IT Operations HSSC-09-001b - 22000-K102* 360,000

**Sponsor:** SCRF/Health Sciences of South Carolina (HSSC)

**Co-PI:**

**Arnold School of Public Health**

**Environmental Health Sciences**

**Chanda, Anindya**

*Molecular Characterization of Regulatory Factors Involved in Aspergillus flavus Development, Secondary Metabolism and Survival - 11510-FB71* 35,000

**Sponsor:** US Department of Agriculture (USDA)

**Co-PI:**

*TOXIMAP: Computational Framework for Prediction of Geographical and Temporal Incidence of Mycotoxins in US Crop Fields - 11510-FB83* -48,389

**Sponsor:** National Institute of Food & Agriculture (NIFA)/USDA

**Co-PI:**

**Chatterjee, Saurabh**

*CAM Center for Epigenetic Regulation of Inflammation (Project 4) - 11510-FB64* 190,371

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:**

*Center for Dietary Supplements and Inflammation Phase -2 (Project 3) - 11510-FB92* 219,018

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

**Decho, Alan**

*Cooperation and adaptability in microbial mats from extreme environments: Quorum sensing and its relation to early life on Earth and elsewhere. - 11510-FB89* 55,000

**Sponsor:** NASA

**Co-PI:**

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**Porter, Dwayne**

*Lake Wateree Water Quality Data Acquisition and Analysis - Extension and Expansion - 11510-KA12* 12,000

**Sponsor:** Lake Wateree Association, Inc.

**Co-PI:**

*Continuing Support of the NERR Centralized Data Management Office - 21600-FC82* 758,760

**Sponsor:** National Oceanic & Atmospheric Administration (NOAA)/DOC

**Co-PI:**

**Xiao, Shuo**

*R11 Track-4: Using the cryopreservation and microfluidic technologies to engineer bottlenose dolphin ovarian function in vitro for testing marine contaminants' female reproductive toxicity - 11510-FB91* 214,400

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

***Epidemiology & Biostatistics***

**Babatunde, Oluwole**

*Identifying Predictors of Racial Disparity in Treatment and Mortality among Patients Diagnosed with Breast Cancer in South Carolina and Geospatial Investigation of Breast Cancer Patient Navigation - 11200-FA32* 39,707

**Sponsor:** National Cancer Institute (NCI)/NIH

**Co-PI:**

**Eberth, Jan**

*Rural Health Research Grant Program Cooperative Agreement 2017-2018 - 11550-FA74* 14,000

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

**Co-PI:**

**Steck, Susan**

*Interdisciplinary Graduate Training Program in Cancer Disparities - 11520-KJ01* 135,000

**Sponsor:** Susan G. Komen Foundation

**Co-PI:**

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**Exercise Science**

**Lane-Cordova, Abbi**

*Renin Angiotensin Adosterone System Components and Vascular Function in Women after an Adverse Pregnancy Outcome - 11530-KA69* 77,000

**Sponsor:** American Heart Association

**Co-PI:**

**Pate, Russ**

*Evaluation of a New Policy Promoting Nutrition and Physical Activity in Family Child Care in South Carolina - Sub-contract with Johns Hopkins University - 11530-FB27* 447,422

**Sponsor:** John Hopkins University/NIH

**Co-PI:**

**West, Delia**

*Internet Assisted Obesity Treatment Enhanced by Financial Incentives - 11530-FB13* 316,616

**Sponsor:** University of Vermont/NIH

**Co-PI:**

**Wilcox, Sara**

*Faith, Activity, and Nutrition: Dissemination in Underserved Communities - Center Core (Year 5) - 11570-FB45* 365,077

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

**Co-PI:**

*Faith, Activity, and Nutrition: Dissemination in Underserved Communities - Core Research (Year 5) - 11570-FB46* 368,923

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

**Co-PI:**

**Yeargin, Susan**

*Objective Brain Function Assessment of mTBI from Initial Injury to Rehabilitation and Treatment Optimization - Validation study - 11530-FB23* 5,398

**Sponsor:** BrainScope Company, Inc./DOD

**Co-PI:**

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**Health Prom., Educ. & Behavior**

**Conserve, Donaldson**

*Acceptability and Feasibility of Unsupervised HIV Self-Testing Among Networks of Men in Tanzania - 11540-FA97* 248,997

**Sponsor:** National Institute of Mental Health (NIMH)

**Co-PI:**

**Friedman, Daniela**

*SIP 14-002 Healthy Brain Research Network Collaborating Center (Year 5) - 11570-FB47* 55,000

**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 5) - 11570-FB48* 275,000

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

**Co-PI:**

**Frongillo, Edward**

*Multi-Sectoral Agricultural Intervention to Improve Nutrition, Health, and Developmental Outcomes of HIV-infected and Affected Children in Western Kenya - 11540-FA81* 16,056

**Sponsor:** University of Connecticut/NIH

**Co-PI:**

**Thrasher, James**

*Predicting menthol cigarette and flavored cigar smokers' responses to menthol or flavored tobacco restrictions: results from experimental auctions - 11540-FA92* 9,709

**Sponsor:** Truth Initiative Foundation/NIH

**Co-PI:**

**Health Services Policy & Mgmt**

**Radcliff, Elizabeth**

*"Community Support for Young Parents (CSYP-II) Evaluation" - 11500-FL60* 187,182

**Sponsor:** Children's Trust of South Carolina with funding from the Federal Office of Adolescent Health/DHHS

**Co-PI:**

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**Public Health - Dean's Office**

**Murday, David**

*IPA Agreement: Production of online training recordings regarding staffing methodology for VA Office of Nursing Services - 11580-FJ02* 21,300

**Sponsor:** WJB Dorn VA Medical Center

**Co-PI:**

**Workman, Lauren**

*Healthy People Healthy Carolinas Evaluation 2018 - 11580-KA20* 21,536

**Sponsor:** South Carolina Hospital Research and Education Foundation

**Co-PI:**

**College of Arts and Sciences**

**Archaeology & Anthropology**

**Smith, Steven**

*Archeological Phase I Survey 1500 Acres, Fort Bragg, North Carolina - 21300-FB10* 198,748

**Sponsor:** US Army Corps of Engineers/DOD

**Co-PI:**

*Unit history of the 122nd Engineer Combat Battalion - 21300-FB13* 11,500

**Sponsor:** Office of the Adjutant General

**Co-PI:**

**Stephenson, Donald**

*South Carolina Institute of Archaeology and Anthropology* 19,170

*Cooperative Agreement: DE-EM0002875*

*Savannah River Archaeological Research Program - 21300-FA84*

**Sponsor:** US Department of Energy (DOE)

**Co-PI:**

**Baruch Institute**

**Smith, Erik**

*Quantifying responses of salt marsh productivity to environmental variability over multiple time scales using novel field measurements - 21600-FC80* 6,465

**Sponsor:** Clemson University/SC Sea Grant Consortium

**Co-PI:**

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**Biological Sciences**

**Berger, Franklin**

*COLON CANCER PREVENTION NETWORK (State Match for 13130-FB01) - 13130-GL05* 450,000

**Sponsor:** Department of Health & Environmental Control

**Co-PI:**

**Czako, Mihaly**

*DNA Barcoding of a Ginger Variety 'IC' - 13010-KL01* 878

**Sponsor:** Robert Pollock, Ph. D.

**Co-PI:**

**Lizarraga, Sofia**

*Center for Dietary Supplements and Inflammation Phase -2 (Project 2) - 13010-FC69* 219,018

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

**Chemistry & Biochemistry**

**Angel, S.**

*NEXT GENERATION RAMAN: DEVELOPING A MONOLITHIC SPATIAL HETERODYNE SPECTROMETER FOR MULTI-SCALE CHEMICAL MAPPING IN MARINE ENVIRONMENTS - 13020-FD16* 407,938

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Chen, Donna**

*Hydrogenation activity of Pd particles on modified carbon supports (Project 13) - 13020-JA39* -9,000

**Sponsor:** CeRCaS/Various Commerical

**Co-PI:**

**Dawson, John**

*Elsevier - Editor Agreement - 13020-JL05* 2,167

**Sponsor:** Elsevier

**Co-PI:**

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**Hashemi, Parastoo**

*Eli Lilly Young Investigator Award for Analytical Chemistry - 13020-JA26* -50,000

**Sponsor:** Eli Lilly and Company

**Co-PI:**

*Eli Lilly Young Investigator Award for Analytical Chemistry - 13020-JA31* 50,000

**Sponsor:** Eli Lilly and Company

**Co-PI:**

**Shaw, Timothy**

*NEXT GENERATION RAMAN: DEVELOPING A MONOLITHIC SPATIAL HETERODYNE SPECTROMETER FOR MULTI-SCALE CHEMICAL MAPPING IN MARINE ENVIRONMENTS - 13020-FD17* 182,959

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Wang, Qian**

*MRI: Acquisition of a High Resolution, Quadrupole Mass Spectrometer to Enable Research and Education at the Interface of Chemistry and Biology - 13020-FQ08* 450,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Earth & Ocean Sciences**

**Benitez-Nelson, Claudia**

*Collaborative Research: Assessing the relative importance of small vs large particles as sources of nutrition to abyssal communities - 21610-FA21* 264,691

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Lang, Susan**

*Collaborative Research: Investigating the Lost City as an Ultramafic Urban Center of the Seafloor, Fueled by Energy and Carbon from the Mantle - 13040-FC39* 14,650

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

*The DEEP Project: DETecting Extraterrestrial Piezophiles in Ocean World Analogs - 21610-FA20* 39,818

**Sponsor:** Rensselaer Polytechnic Institute/NASA

**Co-PI:**

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**Voulgaris, George**

*Southeast Coastal Ocean Observing Regional Association (SECOORA): Supporting Resilient Ecosystems, Communities and Economies –Operate and Maintain University of South Carolina IOOS Priority High Frequency Radars in SECOORA - 13040-FL09* 90,916

**Sponsor:** Southeast Coastal Ocean Observing Regional Association (SECOORA)/NOAA

**Co-PI:**

**White, Scott**

*South Carolina Continental Shelf Seismic Data Extraction for Offshore Sand Resources: Data Inventory, Digital Data Conversion, and Needs Assessment - 13040-FC50* 18,000

**Sponsor:** SC Department of Natural Resources/DOI

**Co-PI:**

**History**

**Schulz, Constance**

*Papers of the Revolutionary Era Pinckney Statesmen, Phase 3 - year 2 - 13550-FA27* 93,962

**Sponsor:** National Historical Publications & Records Commission (NHPRC)

**Co-PI:**

**Mathematics**

**Ju, Lili**

*Grid Generation, Coupling Strategies, and Spatially-dependent Time Stepping for Ocean–tidal/Estuary Systems and other ESM Components - 21400-FA38* 194,638

**Sponsor:** US Department of Energy (DOE)

**Co-PI:** Wang, Zhu

**Thorne, Frank**

*Collaborations in Arithmetic Statistics - 13060-KA15* 8,400

**Sponsor:** Simons Foundation

**Co-PI:**

**Wang, Hong**

*Fractional PDEs for Conservation Laws and Beyond: Theory, Numerics and Applications - 21400-FA34* 107,577

**Sponsor:** Brown University/ONR

**Co-PI:**



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**McKissick Museum**

Przybysz, Jane

SCAC Folklife Partnership Renewal Grant - 34000-GL08

59,716

**Sponsor:** South Carolina Arts Commission

**Co-PI:**

FOLKFabulous@theFair 2018 - 34000-KL05

21,421

**Sponsor:** SC State Fair

**Co-PI:**

**Naval Science**

Gordon, William

NROTC Educational Instruction Calculus and Physics - 13560-FJ19

3,000

**Sponsor:** US Navy/DOD

**Co-PI:**

**Physics & Astronomy**

Ilieva, Yordanka

NSF-BSF: The Study of Nuclear Physics with Intermediate Energy Probes - 13070-FB74

350,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Political Science**

Witko, Christopher

Subaward: Party-Interest Group Relationships in Contemporary Democracies: Character, Causes and Consequences - 13570-LA04

-337

**Sponsor:** University of Oslo/Research Council of Norway

**Co-PI:**

**Psychology**

Desai, Rutvik

Conceptual Systems in the Healthy and Impaired Brain - 13580-FB61

290,118

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

**Co-PI:**

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**January, Stacy-Ann**

*A Comparison of Two Reading Interventions and Initial Evaluation of a Caregiver-Delivered Reading Intervention with ELL Students - 13580-FB62* 3,479

**Sponsor:** University of Texas-Austin/USDE

**Co-PI:**

**Kipp, Colby**

*Understanding the Effects of Positive Parenting, Neighborhood Supports and Perceived Stress on African American Adolescent Weight-Related Outcomes Using a Community Participatory Approach - 13580-KX00* 800

**Sponsor:** Society for Community Research and Action (SCRA)

**Co-PI:**

**Weist, Mark**

*Pee Dee Resiliency Project (PDRP) - 13580-KA97* 201,973

**Sponsor:** SC Department of Mental Health/ Blue Cross Blue Shield of SC Foundation

**Co-PI:**

**Zarrett-Kivita, Nicole**

*Connect through P.L.A.Y: A staff-based physical activity intervention for middle school youth - 13580-FB59* 581,392

**Sponsor:** National Institute of Nursing Research (NINR)/NIH

**Co-PI:**

**Sociology**

**Brashears, Matthew**

*Beyond the Cultural Horizon: Mapping Relational Norms Within Social Networks - 13530-FA33* 345,434

**Sponsor:** Northeastern University/Army Research Institute/DOD

**Co-PI:**

**College of Education**

**Educational Studies**

**DiStefano, Christine**

*A Psychometric Investigation of Universal Screening for Social-Emotional Development in Preschool Using Parent and Teacher Informants - 15240-FA13* 445,939

**Sponsor:** US Department of Education (USDE)

**Co-PI:** Greer, Fred

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**Marshall, Kathleen**

*Project FOCUS: Preparing Special Education Administrators with a Focus on Research to Practice in Transition - 15240-FJ28* 244,244

**Sponsor:** US Dept of Education (USDE)

**Co-PI:** Plotner, Tony

**Plotner, Tony**

*Project IMPACT: Impacting Adult Life Outcomes for Individuals with Severe Disabilities - 15240-FL11* 248,481

**Sponsor:** US Department of Education (USDE)

**Co-PI:** Marshall, Kathleen Drasgow, Erik

**Physical Education**

**Stodden, David**

*University of Michigan Subaward: A Positive PATH (Promoting Activity and Trajectories of Health) for Children - 15220-FA01* 79,651

**Sponsor:** University of Michigan/NIH

**Co-PI:**

**SC Educational Policy Center**

**Monrad, Diane**

*Evaluation of the Discover Five Magnet Program for School District Five of Lexington and Richland Counties - 15270-HL01* 195,000

**Sponsor:** School District Five of Lexington and Richland Counties

**Co-PI:**

**College of Engineering & Comp.**

**Chemical Engineering**

**Diao, Weijian**

*Project 15: Boron nitride (BN) supported metal and metal oxide catalysts for selective oxidation reactions - 15510-JB37* 27,000

**Sponsor:** CeRCaS/Various Commercial

**Co-PI:**

**Office of Research**  
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**Heyden, Andreas**

*Understanding and Designing Novel Anode Materials for Solid Oxide Fuel Cells - 15510-FD13* 80,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

*Collaborative Research: Understanding and Manipulating the Solvent Microenvironment for Selective, Catalytic Amination of Renewable Oxygenates - 15510-FD15* 75,750

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Lauterbach, Jochen**

*Project 14: Mechanistic Understanding of Ethane Partial Oxidation over bi functional MoV-based catalysts - 15510-JB38* 32,000

**Sponsor:** CeRCaS/Various Commercial

**Co-PI:**

**Moss, Melissa**

*Rational Design of Surface Modified Nanoparticles for Modulation of Amyloid Protein Aggregation - 15510-FC87* 110,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:** Uline, Mark

**Mustain, William**

*Additive Manufacturing for Lithium-Ion Batteries - 15510-FD12* 30,000

**Sponsor:** Physical Sciences Incorporated(PSI)/DOD

**Co-PI:**

*GOALI: Collaborative Research: Electrochemical CO2 Separation and Capture through Design of Carbonate-Selective Catalysts and Ionomers - 15510-FD14* 275,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Regalbuto, John**

*Project 17: Ultrasmall Bimetallic Catalysts for Selective Hydrogenation of Alkenes - 15510-JB36* 27,000

**Sponsor:** CeRCaS/Various Commercial

**Co-PI:**

**Office of Research  
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**Shimpalee, Sirivatch**

*Flow Loop and Getter Bed Simulation - 15510-FD16* 117,200

**Sponsor:** Savannah River Nuclear Solutions, LLC

**Co-PI:**

**Civil & Environmental Eng.**

**Berge, Nicole**

*Fate of Nitrogen and Effectiveness of Evaporation in Managing Leachate - 15520-KA37* 70,185

**Sponsor:** Environmental Research and Education Foundation (EREF)

**Co-PI:**

**Computer Science & Engineering**

**Terejanu, Gabriel**

*TOXIMAP: Computational Framework for Prediction of Geographical and Temporal Incidence of Mycotoxins in US Crop Fields - 15590-FB29* 152,966

**Sponsor:** National Institute of Food & Agriculture (NIFA)/USDA

**Co-PI:**

**Electrical Engineering**

**Benigni, Andrea**

*GRAPES GR-17-02: Development of Protective Relaying Methods for Microgrids - 15530-JA48* 30,000

**Sponsor:** GRAPES

**Co-PI:**

**Mandal, Krishna**

*Wide bandgap SiC based field effect transistor for radiation hard microelectronics - 15530-FB89* 19,997

**Sponsor:** Radiation Monitoring Devices, Inc/Missile Defense Agency/DOD

**Co-PI:**

**Mechanical Engineering**

**Banerjee, Sourav**

*TOXIMAP: Computational Framework for Prediction of Geographical and Temporal Incidence of Mycotoxins in US Crop Fields - 15540-FD45* -104,577

**Sponsor:** National Institute of Food & Agriculture (NIFA)/USDA

**Co-PI:**

**Office of Research  
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**Besmann, Theodore**

*Framework for a Molten Salt Reactor Thermochemical Database, Formalisms, and Tabulated Systems of Interest - 15540-FD72* 29,984

**Sponsor:** UT-Battelle, LLC/Oak Ridge National Laboratory/DOE

**Co-PI:**

**Chen, Fanglin**

*Understanding and Designing Novel Anode Materials for Solid Oxide Fuel Cells - 15540-FD84* 80,000

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

*Cost-effective, Thin-film SOFCs for Reliable Power Generation - 15540-FD85* 500,000

**Sponsor:** Office of Fossil Energy (DoE)

**Co-PI:**

**Farouk, Tanvir**

*Work Activity 202C26: Bonding Surface Treatment and Inspection - 15540-FD60* 2,424

**Sponsor:** National Institute of Aerospace/NASA

**Co-PI:**

**Office of Research  
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**Gurdal, Zafer**

*TC1 2C20: Rapid Tools - 15540-FD43* -26,451

**Sponsor:** National Institute of Aerospace/NASA

**Co-PI:**

*Work Activity 202C20: Rapid Tools - 15540-FD61* 80,898

**Sponsor:** National Institute of Aerospace/NASA

**Co-PI:**

*Work Activity 202C18: Progressive Damage Analysis - 15540-FD62* 20,139

**Sponsor:** National Institute of Aerospace/NASA

**Co-PI:**

*Solvay TX1100 Dry Preform Production and Inspection using AFP System - 15540-JL13* 13,516

**Sponsor:** Solvay S.A.

**Co-PI:**

**Harik, Ramy**

*Work Activity 202C22: Design for Manufacturing (DFM) Software Development - 15540-FD65* 38,549

**Sponsor:** National Institute of Aerospace/ (NASA)

**Co-PI:**

*Work Activity 202C24: Closed -Loop Control of AFP Heating - 15540-FD66* 11,046

**Sponsor:** National Institute of Aerospace/ (NASA)

**Co-PI:**

**Huang, Kevin**

*A Transformational Natural Gas Fueled Dynamic SOFC for Data Center In-Rack Power - 15540-FD86* 500,000

**Sponsor:** US Department of Energy (DOE)

**Co-PI:**

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**Huang, Xinyu**

*Characterization and Modeling of Accident Tolerant SiC Cladding - 15540-FD49*

128,999

**Sponsor:** General Atomics/DOE

**Co-PI:**

**Shazly, Tarek**

*Investigating the Balance of Passive and Active Mechanics in Vascular Remodeling:  
An Integrated Experimental and Computational Approach - 15540-FD83*

169,067

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**van Tooren, Michael**

*Work Activity 202C21: Rapid Inspection - 15540-FD64*

59,902

**Sponsor:** National Institute of Aerospace/ (NASA)

**Co-PI:**

**College of Nursing**

***Nursing***

**Felder, Tisha**

*Improving Adherence to Adjuvant Hormonal Therapy among Disadvantaged Breast  
Cancer Survivors - 11200-FA26*

127,161

**Sponsor:** National Cancer Institute (NCI)/NIH

**Co-PI:**

**College of Pharmacy**

***Drug Discovery & Biomed Sci.***

**Hofseth, Lorne**

*CAM Center for Epigenetic Regulation of Inflammation (Project 2) - 11110-FA70*

158,078

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:**



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**Zhu, Jun**

*Impact of HIV-1 Tat Protein on Cocaine-Dopamine Transporter Interaction - 11110-FA80* -113,989

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

**Co-PI:**

*Molecular mechanisms: Dysregulation of monoamine transporters by HIV-1 Tat and cocaine - 11110-FA98* 113,989

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

**Co-PI:**

**College of Social Work**

**Social Work - Dean's Office**

**Hock, Robert**

*Program Evaluation for Family Connection of South Carolina - 15900-FL56* 19,000

**Sponsor:** Family Connection of SC/HHS

**Co-PI:**

**Levkoff, Sue**

*Social Technology for Eldercare in China Initiative - 15900-KA38* 10,000

**Sponsor:** Department of Global Health and Social Medicine, Harvard Medical School/Jiangsu Industrial Technology Research Institute, China

**Co-PI:**

**Wooten, Nikki**

*Longitudinal Study of Post-Deployment Pain Management Using DoD and VA Data - 15900-FA76* 15,678

**Sponsor:** Brandeis University/NIH

**Co-PI:**

**Darla Moore School of Business**

**Moore Sch - Div. of Research**

**Von Nessen, Joseph**

*EngenuitySC: 2018 Midlands Regional Competitiveness Report - 21200-KA48* 10,000

**Sponsor:** EngenuitySC

**Co-PI:**

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**Small Business Dev. Ctr.**

**Abraham, Michele**

*Procurement Technical Assistance Program for Business Firms (State Director's Office) - 21250-FM07* -11,851

**Sponsor:** Defense Logistic Agency (DLA)/DoD

**Co-PI:**

*Procurement Technical Assistance Program for Business Firms (USC) - 21250-FM08* 11,851

**Sponsor:** Defense Logistic Agency (DLA)/DoD

**Co-PI:**

**School of Law**

**Children's Law Center**

**Morris, Carolyn**

*South Carolina Senate Contract - 15810-GL22* 312,650

**Sponsor:** South Carolina Senate

**Co-PI:**

**Law - Dean's Office**

**Samuels, Joel**

*Justice Sector Training, Research, and Coordination Plus (JusTRAC+) Program Project 1 - 61000-FJ02* 4,748,969

**Sponsor:** US Department of State, Bureau of International Narcotics and Law Enforcement (INL)

**Co-PI:**

**School of Medicine**

**Cell Biology & Anatomy**

**Cui, Taixing**

*CAM Center for Epigenetic Regulation of Inflammation (Project 2) - 18020-FB33* 161,199

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:**

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<b>Fan, Daping</b> <i>CAM Center for Epigenetic Regulation of Inflammation (Project 4) - 18020-FB32</i> <b>Sponsor:</b> National Center for Complementary & Alternative Medicine (NCCAM)/NIH <b>Co-PI:</b>	123,491
<b>Lessner, Susan</b> <i>Investigating the Balance of Passive and Active Mechanics in Vascular Remodeling: An Integrated Experimental and Computational Approach - 18020-FB69</i> <b>Sponsor:</b> National Science Foundation (NSF) <b>Co-PI:</b>	254,694
<b>Family &amp; Preventive Medicine</b>	
<b>Keisler, Brian</b> <i>Model State-Supported AHEC Program - USC Subaward - 18130-FJ09</i> <b>Sponsor:</b> MUSC/AHEC/HRSA <b>Co-PI:</b>	36,976
<b>Internal Medicine</b>	
<b>Ahuja, Divya</b> <i>South Carolina HIV/AIDS Clinical Training Center/Vanderbilt - AETC IPE (Year 4) - 18190-FJ45</i> <b>Sponsor:</b> Vanderbilt University/HRSA/HHS <b>Co-PI:</b>	75,834
<i>South Carolina HIV/AIDS Clinical Training Center/Vanderbilt - AETC MAI (Year 4) - 18190-FJ46</i> <b>Sponsor:</b> Vanderbilt University/HRSA/HHS <b>Co-PI:</b>	106,996
<i>South Carolina HIV/AIDS Clinical Training Center/Vanderbilt - AETC Base (Year 4) - 18190-FJ47</i> <b>Sponsor:</b> Vanderbilt University/HRSA/HHS <b>Co-PI:</b>	76,673

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**Albrecht, Helmut**

*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* 1,964

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*Protocol GS-US-380-1878: A Phase 3, Randomized, Open-Label Study to Evaluate the Safety and Efficacy of Switching from Regimens Consisting of Boosted Atazanavir or Darunavir plus ..... - 18190-JA91* 963

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*GS-US-380-4030 - "A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Switching from a Regimen of Dolutegravir and Either Emtricitabine/Tenofovir Alafenamide or Emtricitabine/Tenofovir Disoproxil Fumarate to a Fixed Dose Combi* 1,300

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

**Yates-Wilson, Beverly**

*FoodShare South Carolina; A Nutrition and Lifestyle Opportunity to Improve Health and Prevent Chronic Disease - 18190-KL14* 275,000

**Sponsor:** USC Education Foundation/The Duke Endowment

**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:**

**Neuropsychiatry**

**Narasimhan, Meera**

*Access Improvement/rural Outreach Initiatives in Partnership with SC Office of Rural Health Contract #1599 SC DHHS Services for Purchase and Provision of Rural Outreach Program - 18120-FL04* 912,052

**Sponsor:** SC Department of Health and Human Services/HHS

**Co-PI:**

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**Obstetrics & Gynecology**

**Burgis, Judith**

*The Choose Well Initiative - 18110-KL03*

6,413

**Sponsor:** Palmetto Health/New Morning Foundation

**Co-PI:**

**Huegel, Beverly**

*Centering Pregnancy - 18110-KA10*

90,000

**Sponsor:** USC Educational Foundation/The Duke Endowment

**Co-PI:**

**Path, Microbio. & Immunology**

**Gomez, Gregorio**

*Center for Dietary Supplements and Inflammation Phase -2 (Project 4) - 18060-FB52*

199,583

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

**Nagarkatti, Mitzi**

*CAM Center for Epigenetic Regulation of Inflammation (Project 3) - 18060-FB11*

318,317

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:**

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**IT and Data Management Office**

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**Nagarkatti, Prakash**

*CAM Center for Epigenetic Regulation of Inflammation (Admin. Core) - 18060-FB08* 100,125

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:** Nagarkatti, Mitzi

*CAM Center for Epigenetic Regulation of Inflammation (Project 1) - 18060-FB10* 318,317

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:**

*Center for Dietary Supplements and Inflammation Phase -2 (Admin Core) - 18060-FB48* 534,127

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

*RII Track 1: Materials Assembly and Design Excellence in South Carolina: MADE in SC - 22000-FB02* 4,192,375

**Sponsor:** National Science Foundation (NSF) EPSCoR

**Co-PI:**

*26TH NSF EPSCoR NATIONAL CONFERENCE: Science and Partnerships Across Disciplinary Boundaries - 22000-FJ00* 737,585

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Singh, Narendra**

*CAM Center for Epigenetic Regulation of Inflammation (Analytical Core) - 18060-FB09* 238,836

**Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH

**Co-PI:**

*Center for Dietary Supplements and Inflammation Phase -2 ( Bioanalytical Core) - 18060-FB49* 333,140

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

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**Singh, Udai**

*Center for Dietary Supplements and Inflammation Phase -2 (Flow Cytometry and Microscopy Core) - 18060-FB50* 333,083

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

**Testerman, Traci**

*Center for Dietary Supplements and Inflammation Phase -2 (Project 1) - 18060-FB51* 199,583

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH

**Co-PI:**

**Velazquez, Kandy**

*The Effects of Ojeok-San on Neuro-Immune Interactions in Cancer-Induced Visceral Pain - 18060-FB41* 106,648

**Sponsor:** National Center for Complementary & Integrative Health (NCCIH)/NIH

**Co-PI:**

**Pediatrics**

**Knight, Lisa**

*Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes - 18140-FA14* 620

**Sponsor:** University of South Florida/NIH

**Co-PI:**

**Neuberg, Ronnie**

*COG Chair Grant: Per Case Reimbursement - 18140-FA19* 14,050

**Sponsor:** Children's Hospital of Philadelphia/Children's Oncology Group/NIH

**Co-PI:**

**Roberts, Carla**

*iSCENSC--PH Subaward - 18140-FA28* 16,427

**Sponsor:** Palmetto Health/MUSC/NHLBI/NIH

**Co-PI:**

*DISPLACE--PH Subaward 8.15.18 - 18140-FM72* 3,257

**Sponsor:** Palmetto Health--Subaward from MUSCNIH/NHLBI

**Co-PI:**

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**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* 2,000

**Sponsor:** Bolton Medical, Inc.

**Co-PI:**

*"Tack Optimized Balloon Angioplasty Clinical Trial for the Below the Knee Arteries Using the Tack Endovascular System (TOBA II – BTK)" (Protocol No. CA 0137) - 18200-JA12* 400

**Sponsor:** Intact Vascular, Inc.

**Co-PI:**

**School of Medicine (Grvl)**

**Medicine Greenville**

**Casanova, Manuel**

*To Determine the Mincolumnar Morphometry of Autistic, 15q Dup and Various Shank3 Mutant Mouse Models as Compared to Control Tissue - 16000-KA06* 20,000

**Sponsor:** Autism Research Institute

**Co-PI:**

**University of SC Aiken**

**Aiken**

**Beck, Judy**

*SC Create 2018-2019 - 17110-FX01* 48,354

**Sponsor:** SC Department of Education/USDE

**Co-PI:**

**Padgett, Mila**

*Aiken Cardiac Rehabilitation Program - 17110-LL01* 123,300

**Sponsor:** Aiken Regional Medical Center

**Co-PI:**



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**Pirkle, William**

*Nuclear Forensics Graduate Fellowship Program - Formerly MUSC*  
- 17110-FA58

154,593

**Sponsor:** SC Universities Research Education Foundation/ Dept of Homeland Security

**Co-PI:**

**Shervette, Virginia**

*Novel Approaches to Age Validation in Data-Poor U.S. Caribbean Reef Fishes* -  
17110-FA74

299,817

**Sponsor:** National Marine Fisheries Service (NMFS), National Oceanic and  
Atmospheric Administration (NOAA), Department of Commerce

**Co-PI:**

**University of SC Salkehatchie**

**Salkehatchie**

**Robinson, Latoya**

*USC Salkehatchie SSS Project - 17660-FL45*

244,220

**Sponsor:** US Department of Education (USDE)

**Co-PI:**

*USC Salkehatchie SSS Project (Grant-in-Aid) - 17660-FL46*

20,000

**Sponsor:** US Department of Education (USDE)

**Co-PI:**

**University of SC Upstate**

**Upstate**

**Pilgrim, Melissa**

*Maternal transfer of radiocesium in Nerodia floridana (Florida Green Watersnakes)* -  
17880-LA03

734

**Sponsor:** Greenville Zoo

**Co-PI:**

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**Timonov, Alex**

*Stable and Convergent Computational Algorithms for Current Density Imaging -  
17880-FA18*

59,997

**Sponsor:** National Science Foundation (NSF)

**Co-PI:**

**Report Total:**

**\$28,939,448**