

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

**July, 2019 Awards**

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**Administration & Finance**

**Admin. & Finance**

**Hardaway, Chad**

*EDA Grant - University Innovation Center Clusters*

118,000

**Sponsor:** US Department of Commerce

**Arnold School of Public Health**

**Applied Research & Evaluation (CARE)**

**Workman, Lauren**

*Fact Forward OAH 1A Evaluation Year 5*

16,827

**Sponsor:** Fact Forward (formerly The SC Campaign to Prevent Teen Pregnancy)/DHHS Office of Adolescent Health

**Communication Sci & Disorders**

**Behroozmand, Roozbeh**

*Sensorimotor Processing of Auditory Feedback in Aphasia*

118,670

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

**Werfel, Krystal**

*Early Language and Literacy Acquisition in Children with Hearing Loss*

626,884

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

**Community Health Worker Inst**

**Smithwick, Julie**

*Upper Midlands Rural Health Network Community Health Worker Program Development*

9,500

**Sponsor:** Upper Midlands Rural Health Network/SC Center for Rural and Primary Healthcare/SC DHHS

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**Environmental Health Sciences**

**Chatterjee, Saurabh**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 123,662  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - TOX CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Decho, Alan**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 72,890  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - MICRO CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Lead, Jamie**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 72,360  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - TOX CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Norman, Robert**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 94,797  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - MICRO CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Porter, Dwayne**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 147,410  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - COMME CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

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**Scott, Geoffry**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 308,218  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - ADMIN CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 29,265  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - MICRO CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Xiao, Shuo**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 60,679  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - TOX CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Epidemiology & Biostatistics**

**Cai, Bo**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):* 21,465  
*Assessment of Effects on Ocean Health Related Illness and Disease and*  
*Development of Prevention Strategies to Better Protect Public Health - TOX CORE*

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Eberth, Jan**

*Rural Innovations Cooperative Agreement Contract 2019-2021* 198,000

**Sponsor:** SC Center for Rural and Primary Healthcare/USC SOM/SC DHHS

**Lohman, Matthew**

*Mechanisms of Increased Fall Risk among Older Adults with Depression: A Causal* 144,737  
*Mediation Analysis*

**Sponsor:** National Institute on Aging (NIA)/NIH

**Exercise Science**

**Beets, Michael**

*A Meta-Epidemiological Assessment of the Role of Pilot Studies in the Design of Well-* 576,862  
*Powered Trials – the Pilot Project*

**Sponsor:** National Heart, Lung & Blood Institute (NHLBI)/NIH

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<b>Moore, Robert</b> <i>Validating Neuroelectric Biomarkers of Concussion Recovery</i> <b>Sponsor:</b> National Institute of Neurological Disorders & Stroke (NINDS)/NIH	73,250
<b>Pate, Russ</b> <i>The Effect of Built and Social Environments on Childhood Obesity and Racial/Ethnic Disparities in the National Healthy Communities Study - Sub-contract with the University of Michigan</i> <b>Sponsor:</b> University of Michigan/NIH	34,831
<b>Silfies, Sheri</b> <i>Linking Altered Cortical Sensorimotor Integration with Movement Impairments in Back Pain</i> <b>Sponsor:</b> National Institute of Child Health & Human Development (NICHD)/NIH	148,364
<b>Yeargin, Susan</b> <i>(PI - Rebecca Hirschhorn) - The Epidemiology of EMS Activations for Sport-Related Injuries by Athletic Training Service Level</i> <b>Sponsor:</b> NATA Research & Education Foundation	2,373
<b>Health Prom., Educ. &amp; Behavior</b>	
<b>Conserve, Donaldson</b> <i>Acceptability and Feasibility of Unsupervised HIV Self-Testing Among Networks of Men in Tanzania</i> <b>Sponsor:</b> National Institute of Mental Health (NIMH)/NIH	248,995
<b>Draper, Carrie</b> <i>SNAP-Ed Nutrition Support Implementation</i> <b>Sponsor:</b> SC Department of Social Services/USDA	41,188
<i>Statewide SNAP-Ed Priority Indicators Evaluation</i> <b>Sponsor:</b> SC Department of Social Services/USDA	5,867
<i>Statewide SNAP-Ed Formative Evaluations</i> <b>Sponsor:</b> SC Department of Social Services/USDA	9,509

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<b>Friedman, Daniela</b> <i>Interactions of Climate Change on Oceans and Human Health (CAPICCOHH): Assessment of Effects on Ocean Health Related Illness and Disease and Development of Prevention Strategies to Better Protect Public Health - COMME CORE</i> <b>Sponsor:</b> National Institutes of Environmental Health Sciences (NIEHS)/NIH	30,398
<b>Li, Xiaoming</b> <i>National implementation of FOYC+CImPACT in the Bahamas: implementation strategies and improved outcomes</i> <b>Sponsor:</b> University of Massachusetts/NIH	18,002
<b>Macauda, Mark</b> <i>Evaluation Services for the Mary Black Foundation OAH IB Grant (year 5)</i> <b>Sponsor:</b> Mary Black Foundation/Office of Adolescent Health/HHS	85,224
<b>Health Services Policy &amp; Mgmt</b>	
<b>Xirasagar, Sudha</b> <i>Improving EMS Use by South Carolina Stroke Patients: Racial Disparities in Stroke Patients' Use and Experience of EMS and Hospital Emergency Room Services</i> <b>Sponsor:</b> SC Department of Health and Environmental Control (DHEC)	15,000
<b>Public Health - Dean's Office</b>	
<b>Draper, Carrie</b> <i>DSS SNAP - ED SC Department of Social Services/USDA - Yr 4</i> <b>Sponsor:</b> SC Department of Social Services/USDA	-56,564
<b>Gillam, Pamela</b> <i>SFY2020 SCDHHS Medicaid Eligibility Monitoring and Quality Improvement Contract</i> <b>Sponsor:</b> SC Department of Health and Human Services/HHS	959,146
<b>Murday, David</b> <i>Aiken County ATOD Comprehensive Needs Assessment</i> <b>Sponsor:</b> The Aiken Center/SC DAODAS/SAMHSA/HHS	8,458

# Office of Research IT and Data Management Office

July, 2019 Awards

## College of Arts and Sciences

### Anthropology

**de la Cova, Carlina**

*(PI - Andrea Acosta) - Identifying the Origin of the Roman Family: Bioarchaeology of Family Structure and Social Change in Iron Age Italy*

4,650

**Sponsor:** Rust Family Foundation

### Baruch Institute

**Morris, James**

*EESLR 2016 – Dynamic sea level rise assessments of the ability of natural and nature-based features to mitigate surge and nuisance flooding*

50,000

**Sponsor:** Louisiana State University/NOAA

**Smith, Erik**

*The North Inlet - Winyah Bay National Estuarine Research Reserve*

785,581

**Sponsor:** Office for Coastal Management/NOAA/DOC

### Biological Sciences

**Kathrein, Katie**

*Center for Targeted Therapeutics - Project 004 (Year 6 - Competing Renewal)*

223,500

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

**Mousseau, Timothy**

*Radiation Effects on Pollen, Seeds and Plants*

67,758

**Sponsor:** Southeastern Universities Research Association, Inc. (SURA)/NASA

### Chemistry & Biochemistry

**Chruszcz, Maksymilian**

*Role of Ly6K in TGF-beta and immune escape pathways of triple negative breast cancer*

5,000

**Sponsor:** Henry W. Jackson Foundation for the Advancement of Military Medicine/NIH

*Role of Ly6K in TGF and Immune Escape Pathways of Triple Negative Breast Cancer*

-5,000

**Sponsor:** Henry W. Jackson Foundation for the Advancement of Military Medicine/NIH

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**Ferry, John**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):  
Assessment of Effects on Ocean Health Related Illness and Disease and  
Development of Prevention Strategies to Better Protect Public Health - CHEM CORE* 61,273

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Karthikeyan, Mythreye**

*Inhibin function in tumor angiogenesis* 325,617

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

**Richardson, Susan**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):  
Assessment of Effects on Ocean Health Related Illness and Disease and  
Development of Prevention Strategies to Better Protect Public Health - CHEM CORE* 63,133

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Shaw, Timothy**

*Interactions of Climate Change on Oceans and Human Health (CAPICCOHH):  
Assessment of Effects on Ocean Health Related Illness and Disease and  
Development of Prevention Strategies to Better Protect Public Health - CHEM CORE* 60,350

**Sponsor:** National Institutes of Environmental Health Sciences (NIEHS)/NIH

**Shustova, Natalia**

*Camille Dreyfus Teacher-Scholar Award* 100,000

**Sponsor:** Camille & Henry Dreyfus Foundation, Inc.

***Criminology & Criminal Justice***

**Koons-Witt, Barbara**

*REU Site: Disparities in the Criminal Justice System* 226,876

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

***Geography***

**Ellis, Jean**

*Vulnerability of Stormwater Management Ponds to Sea Level Rise and Flooding* 500

**Sponsor:** SC Sea Grant Consortium/NOAA

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**Hiscox, April**

*COLLABORATIVE RESEARCH: SAVANT: Stable Atmospheric Variability AND Transport*

138,380

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

**History**

**Schulz, Constance**

*The Revolutionary Era Pinckney Statesmen of South Carolina: A Digital Documentary Edition*

100,000

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

**Mathematics**

**Wang, Zhu**

*Efficient Numerical Simulations of Oceanic Flows with Application to Coastal Modeling*

167,916

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

**Physics & Astronomy**

**Ilieva, Yordanka**

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

350,000

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

**Kulkarni, Varsha**

*Connecting the Different Signatures of Interstellar Dust at Low Redshift: A Benchmark for Comparison to the Distant Universe*

73,450

**Sponsor:** National Aeronautics & Space Administration (NASA)

**Rodney, Steven**

*Optimizing the WFIRST Type Ia Supernova Survey (Years 4 and 5)*

76,903

**Sponsor:** The Regents of the University of California, Santa Cruz /NASA

**Psychology**

**Bradshaw, Jessica**

*Physiological Measurement of Attention as a Neurobehavioral Marker of Social Functioning and Emerging ASD Symptomology in Infancy*

176,051

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

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<b>McQuillin, Samuel</b> <i>Character and Thriving Among Kenyan Youth: A Novel Measure for Use with Street Children and Youth Enrolled in Schools</i> <b>Sponsor:</b> Maasai Mara University/Templeton World Charity Foundation	38,560
<b>Prinz, Ron</b> <i>Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training</i> <b>Sponsor:</b> National Institute of General Medical Sciences (NIGMS)/NIH	381,290
<b>Roberts, Jane</b> <i>Development of an Autism Spectrum Disorder Screening Test Based upon Metabolic Profiling of Fresh Blood Samples</i> <b>Sponsor:</b> Circa Bioscience, LLC/NIMH/NIH	47,425
<b>Sweeney, Allison</b> <i>The Developing Real Incentives and Volition for Exercise (DRIVE) Project Renewal - Year 2</i> <b>Sponsor:</b> National Heart, Lung & Blood Institute (NHLBI)/NIH	65,246
<b>Vendemia, Jennifer</b> <i>Linking Altered Cortical Sensorimotor Integration with Movement Impairments in Back Pain</i> <b>Sponsor:</b> National Institute of Child Health & Human Development (NICHD)/NIH	53,101
<b>Weist, Mark</b> <i>SCDMH Quality Assessment and Improvement Contract</i> <b>Sponsor:</b> SC Department of Mental Health	12,409
<b>School of Earth, Ocean &amp; Env.</b> <b>Lakshmi, Venkataraman</b> <i>Improved Hydrologic Decision Support for the Lower Mekong River Basin Through Integrated Remote Sensing and Modeling</i> <b>Sponsor:</b> National Aeronautics & Space Administration (NASA)	-2,301

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**Leier, Andrew**

*Deconvolving the Southern South American Pleistocene–Holocene Dust Production Pathways* 191,823

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

**Scher, Howard**

*Collaborative Research: Organic and Inorganic Geochemical Investigation of Hydrologic Change in East Antarctica in the 4 Million Years Before Full Glaciation* 163,991

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

**Statistics**

**Ho, Yen-Yi**

*Mechanism of MHC heterozygote advantage during anti-commensal germinal center B cell selection* 9,062

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

**Womens Studies**

**White, Sharon**

*2017 Ronald E. McNair Post-baccalaureate Achievement Program* 268,815

**Sponsor:** U.S. Department of Education Office of Postsecondary Education TRIO Programs

**College of Education**

**Education - Dean's Office**

**Ylimaki, Rose**

*Free and Equal: The Promise of Reconstruction in America* 280,000

**Sponsor:** National Endowment for the Humanities (NEH)

**Physical Education**

**Brian, Ali**

*SKIPping with PALS: Supporting Positive Trajectories of Health for Families of Rural Preschool Children* 565,000

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

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**Stodden, David**

*University of Michigan Subaward: A Positive PATH (Promoting Activity and Trajectories of Health) for Children*

81,082

**Sponsor:** University of Michigan/NIH

**SC Educational Policy Center**

**Monrad, Diane**

*Evaluation of the Discover Five Magnet Program for School District Five of Lexington and Richland Counties*

195,000

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

**College of Engineering & Comp.**

**Chemical Engineering**

**Heyden, Andreas**

*Theoretical Investigation of Heterogeneous Catalysis at the Solid Liquid Interface for the Conversion of Lignocellulosic Biomass Model Molecules*

175,000

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

**Meekins, Benjamin**

*Fuel Cell Catalyst Contamination Study*

32,372

**Sponsor:** Nuvera Fuel Cells

**Monnier, John**

*Project 22: Computational and Experimental Analysis of Ag Catalysts with GNP or Bimetallic Materials on Direct Propylene Oxide Synthesis*

27,000

**Sponsor:** CeRCaS/Various Commercial

**Regalbuto, John**

*Rapid Institute: Advanced Catalysts for Low Temperature Heavy Crude Upgrading*

129,000

**Sponsor:** Clemson University/SC DOC/SRNL/DOE

**Williams, Christopher**

*Project 23: Bimetallic Indium-Copper Catalysts for Hydrogenation of Syngas-Derived Dimethyl Oxalate to Ethylene Glycol*

27,000

**Sponsor:** CeRCaS/Various Commercial

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**Civil & Environmental Eng.**

**Flora, Joseph**

*(PI - Moutoshi Saha) - Second year PhD study of Moutoshi Saha*

49,977

**Sponsor:** Schlumberger Foundation Incorporation

**Viparelli, Enrica**

*Experiments on the Influence of Suspended Bed Material at High Shear Stresses*

25,000

**Sponsor:** ExxonMobil Upstream Research Company

**Computer Science & Engineering**

**Jamshidi, Pooyan**

*Robust Software Testing of Autonomous Aerospace Robotic Systems Using Transfer Learning*

25,000

**Sponsor:** College of Charleston/NASA EPSCoR

**Electrical Engineering**

**Ali, Mohammad**

*Program Director for the Communications, Circuits, and Sensing Systems Program at NSF*

199,119

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

**Chandrashekhar, MVS**

*Cubic Boron Nitride: A New Extreme Semiconductor by Ion-Beam Assisted Chemical Vapor Deposition*

20,000

**Sponsor:** Morgan State University/AFOSR/DOD

**Khan, Asif**

*High Efficiency Micro/Nano-pillar UVC Light Emitting Diodes*

72,000

**Sponsor:** Army Research Office (ARO)/DOD

**Matolak, David**

*University Leadership Initiative: Hyper-Spectral Communications, Networking & ATM as Foundation for Safe and Efficient Future Flight: Transcending Aviation Operational Limitations with Diverse and Secure Multi-Band, Multi-Mode, and mmWave Wireless Links*

1,205,795

**Sponsor:** National Aeronautics & Space Administration (NASA)

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**IIT - Engineering**

**Crichigno, Jorge**

*CC\* Networking Infrastructure: Building a Science DMZ for Data-intensive Research and Computation at the University of South Carolina*

498,525

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

**Mechanical Engineering**

**Banerjee, Sourav**

*PVDF-Film for Robust Online Assessment of Composite Tanks (PROACT)*

70,000

**Sponsor:** Advent Innovations/DOE

**Dryer, Frederick**

*Integration of NMR interpretation tool in Surrogate Formulation and High Pressure Laminar Flow Reactor for Species Diagnostics in Jet Fuel Combustion*

100,000

**Sponsor:** Universal Technology Corporation, US Airforce Research Laboratory (AFRL)

**Farouk, Tanvir**

*Mathematical Modeling and Simulation of Space based Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program*

43,886

**Sponsor:** National Aeronautics & Space Administration (NASA)

**Giurgiutiu, Victor**

*Predictive Sensing of Aerospace Composite Structures*

190,479

**Sponsor:** US Air Force/DOD

**Harik, Ramy**

*Experimental Evaluation of the Optimal AFP Process Parameters (Three Dimensional) Using Conventional and New Toray Materials*

204,132

**Sponsor:** Toray

**Wang, Guiren**

*Facile and Rapid Detection for Life Exploration in Space by Nanofluidic Electrophoretic Devices*

25,000

**Sponsor:** College of Charleston/NASA

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**Yuan, Lang**

*Smart Additive Manufacturing Enabled by In-situ Sensing and Hybrid Computational Models*

99,863

**Sponsor:** South Carolina Research Authority (SCRA)

**College of Information & Comm.**

**Library & Information Sciences**

**Green, Lucilia**

*Educational Quality through Instructional Partnerships (EQuIP): Assessing the Efficacy of Collaboratively Implemented Guided Inquiry Design on K-12 Student Learning*

376,107

**Sponsor:** Institute of Museum and Library Services (IMLS)

**College of Nursing**

**Nursing**

**McKinney, Selina**

*TeleMentalScale*

351,105

**Sponsor:** Blue Cross Blue Shield of South Carolina

**Ribar, Alicia**

*Developing a APRN/FQHC Practice Training Partnership*

593,519

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

**College of Pharmacy**

**Drug Discovery & Biomed Sci.**

**Broude, Eugenia**

*Center for Targeted Therapeutics - Project 002 (Year 6 - Competing Renewal)*

223,500

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

**Mathew, Sajish**

*Center for Targeted Therapeutics - Project 001 (Year 6 - Competing Renewal)*

223,500

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

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<b>McInnes, Campbell</b> <i>Center for Targeted Therapeutics - Drug Discovery - Core 002 - (Year 6 - Competing Renewal)</i>	163,900
<i>Sponsor:</i> National Institute of General Medical Sciences (NIGMS)/NIH	
<b>Roninson, Igor</b> <i>Center for Targeted Therapeutics - Admin Core (Year 6 - Competing Renewal)</i>	515,348
<i>Sponsor:</i> National Institute of General Medical Sciences (NIGMS)/NIH	
<b>Sahin, Ozgur</b> <i>Center for Targeted Therapeutics - Project 003 (Year 6 - Competing Renewal)</i>	223,500
<i>Sponsor:</i> National Institute of General Medical Sciences (NIGMS)/NIH	
<b>Shtutman, Michael</b> <i>Center for Targeted Therapeutics - Functional Genomics - Core 001 - (Year 6 - Competing Renewal)</i>	188,252
<i>Sponsor:</i> National Institute of General Medical Sciences (NIGMS)/NIH	
<b>Turner (Ortinski), Jill</b> <i>Dynamic Signaling of NRG3-ErbB4 in the Hippocampus Mediates Nicotine Withdrawal Phenotypes</i>	-202,982
<i>Sponsor:</i> National Institute on Drug Abuse (NIDA)/NIH	
<b>Palmetto Poison Center</b>	
<b>Michels, Jill</b> <i>South Carolina Poison Center Support and Enhancement Project</i>	299,389
<i>Sponsor:</i> Health Resources & Services Administration (HRSA)/HHS	
<i>Palmetto Poison Center Prevention Outreach and Education to the Public and Healthcare Professionals</i>	820,000
<i>Sponsor:</i> SC Department of Health and Human Services	
<i>Surveillance of the RADARS System by Poison Control Centers</i>	500
<i>Sponsor:</i> Denver Health and Hospital Authority	

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**Pharmacy - Dean's Office**

**Lim, Chang-uk**

*Center for Targeted Therapeutics - Microscopy Flow Cytometry - Core 003 (Year 6 - Competing Renewal)* 223,500

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

**College of Social Work**

**Social Work - Dean's Office**

**DeHart, Dana**

*Coordinating Healthcare for Correctional Agencies in Rural Settings: Needs Assessment* 70,756

**Sponsor:** SC Center for Rural and Primary Healthcare/SCDHHS

**Flynn, Cynthia**

*The Purchase of Social Work Training for DSS Staff and Agents (Child Welfare Instructional Services)* 6,196,349

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

**Reitmeier, Melissa**

*Rural Interprofessional Behavioral Health Scholars (RIBHS) Program - Year 3* 420,038

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

**Darla Moore School of Business**

**Moore Sch - Div. of Research**

**Von Nessen, Joseph**

*S.C. Department of Agriculture - Certified SC Grown Analysis* 55,000

**Sponsor:** SC Department of Agriculture (SCDA)

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**Enrollment Management**

***TRIO Programs***

**Counts, Althea**

*Student Support Services Program* 384,663

*Sponsor:* US Department of Education (USDE)

*Talent Search Program* 519,912

*Sponsor:* U.S. Department of Education (USDE)

**Facility Services**

***Environmental Services***

**Cook, Larry**

*DHEC Office of Solid Waste Reduction and Recycling FY2020 Collegiate Recycling Grant* 12,500

*Sponsor:* SC Department of Health and Environmental Control (DHEC)

**Hosp., Retail, & Sport Mgmt**

***Hotel, Restaurant & Tour Mgmt***

**DiPietro, Robin**

*University of Aruba Collaboration - Part III* 170,856

*Sponsor:* University of Aruba

**International Programs**

***English for Internationals***

**Curtis, Wesley**

*Study of U.S. Institutes for Student Leaders from Europe Institute in Civic Engagement* 126,587

*Sponsor:* FHI 360/US Department of State

# Office of Research IT and Data Management Office

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## School of Medicine

### Basic Science Research

**Turley, Christine**

*SEARCH for Diabetes in Youth Registry Study, Phase 4: Carolina Center (Component A)* 30,000

**Sponsor:** University of North Carolina Chapel Hill(UNC)/CDC

*SEARCH for Diabetes in Youth Registry Study, Phase 4: Carolina Center (Component A)* 48,074

**Sponsor:** University of North Carolina Chapel Hill(UNC)/CDC

### Cell Biology & Anatomy

**Azhar, Mohamad**

*Role of TGFbeta2 in cardiac outflow tract formation* 26,844

**Sponsor:** American Heart Association

**Morad, Martin**

*Nanowired human cardiac spheroids for heart repair* 42,919

**Sponsor:** Clemson University/NIH

**Yin, Rong**

*Targeting Port Wine Stain Blood Vessels by Endothelial Optical Exosomes* 62,629

**Sponsor:** American Society for Laser Medicine & Surgery (ASLMS)

### Family & Preventive Medicine

**Badmus, Olabisi**

*Preventive Medicine and Public Health Training Grant Program: Non-Competing Continuation (NCC) Progress Report for 18130FJ07* 104,194

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

*Preventive Medicine and Public Health Training Grant Program: Non-Competing Continuation (NCC) Progress Report for 18130FJ07* -104,194

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

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## Genetics

### Edwards, Janice

*SCDHEC Genetic Services to Medically Needy and Underserved* 34,695

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

## Internal Medicine

### Albrecht, Helmut

*Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE* 5,961

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

*Protocol GS-US-380-1489, "A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of GS-9883/ Emtricitabine/ Tenofovir Alafenamide .....* 2,813

**Sponsor:** Gilead Sciences, Inc.

*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 Combination of Bictegravir/Emtricitabine/Tenofovir Alafenamide in HIV-1 Infected Subjects who are Virologically Suppressed"* 2,194

**Sponsor:** Gilead Sciences, Inc.

*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 Alafenamide (B/F/TAF), in Virologically-Suppressed, HIV-1 Infected African American Participants* 10,804

**Sponsor:** Gilead Sciences, Inc

### Weissman, Sharon

*Ryan White HIV/AIDS Treatment Extension Act - Part B Minority AIDS Initiative (MAI)* 132,145

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

## Neurology

### Cuturic, Miroslav

*Enroll-HD: A Prospective Registry Study in Global Huntington's Disease Cohort* 2,490

**Sponsor:** CHDI Foundation

# Office of Research IT and Data Management Office

July, 2019 Awards

## **Path, Microbio. & Immunology**

### **Kubinak, Jason**

*Mechanism of MHC Heterozygote Advantage During Anti-Commensal Germinal Center B Cell Selection* -9,062

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

*Can MHC Polymorphisms Predict the Risk of CCVID-Associated Bacteremia?* 25,000

**Sponsor:** Jeffrey Modell Foundation

### **Nagarkatti, Prakash**

*RII Track 1: Materials Assembly and Design Excellence in South Carolina: MADE in SC* 3,901,065

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

## **Pediatrics**

### **Brown, Daniel**

*Cystic Fibrosis Foundation Grant FY19-20* 78,030

**Sponsor:** Cystic Fibrosis Foundation

### **Cramer, Stuart**

*COG: EveryChild (APEC14B1)* 1,850

**Sponsor:** The Children's Hospital of Philadelphia, Contracting on behalf of the Children's Oncology Group (COG Foundation)

### **Knight, Lisa**

*Data Coordinating and Operations Center (DCOC) for the IDeA States Pediatric Clinical Trials Network - VDORA* 20,000

**Sponsor:** University of Arkansas/NIH

### **Rotholz, David**

*Team for Early Childhood Solutions Data System Management and Compliance Indicator Analysis* 445,000

**Sponsor:** South Carolina Department of Health and Human Services

**Office of Research  
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**July, 2019 Awards**

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**Pharm., Physiology & Neurology**

**Barlow, Shayne**

*Swine Procurement, Husbandry, and Maintenance for Dorn VA Medical Center*

21,103

**Sponsor:** Department of Veterans Affairs

**Fadel, Jim**

*Hypocretin/orexin Modulation of Cognitive Correlates of Brain Aging*

279,604

**Sponsor:** National Institutes of Health (NIH)

**Grillo, Claudia**

*Identifying a New Circuit That Controls Feeding Behavior: Leptin and Serotonin Interactions*

100,000

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

**Reagan, Lawrence**

*IPA for Dr. Claudia Grillo*

8,534

**Sponsor:** WJB Dorn VA Medical Center/VA

**Surgery**

**Clair, Daniel**

*The Randomized And Controlled Noninferiority Trial to Evaluate Safety and Clinical Efficacy of the SurVeil™ Drug-Coated Balloon iN the Treatment of Subjects with Stenotic Lesions of the Femoropopliteal Artery Compared to the Medtronic IN.PACT® Admiral® Drug-Coated Balloon TRANSCEND Study*CLINICAL PROTOCOL SUR17-001

1,622

**Sponsor:** Surmodics Inc.

*Pilot Study for the LimFlow Stent Graft System*

4,164

**Sponsor:** LimFlow, Inc.

**School of Medicine (Grvl)**

**Medicine Greenville**

**Arce, Sergio**

*Improving the Diagnosis and Treatment of Multiple Myeloma Patients*

20,000

**Sponsor:** Prisma Health-Upstate

# Office of Research IT and Data Management Office

July, 2019 Awards

## University Advancement

### *Ofc of Economic Engagement*

**Hardaway, Chad**

*Acoustical-Visual-Blockchain AI Manufacturing Lab*

150,000

**Sponsor:** SC Research Authority (SCRA)

## University of SC Aiken

### *AK Academic Affairs*

**Pirkle, William**

*Nuclear Forensics Graduate Fellowship Program - Formerly MUSC*

2,050

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

*Nuclear Energy Advisory Committee (NEAC) - PMISIII*

-17,200

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

### *AK Biology & Geology*

**Hancock, Charles**

*SC INBRE BIPP Award - Genomic Analysis of an RNA Silencing Mutant*

4,000

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

**Jackson, William**

*South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE) (Year 5)*

25,000

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

### *AK Research Support*

**Gelinas, Cynthia**

*SC Campaign to Prevent Teen Pregnancy: Linking Older Adolescents to Reproductive Health Services (Project RHEA)*

10,000

**Sponsor:** SC Campaign to Prevent Teen Pregnancy/BCBS Foundation

**Office of Research  
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**July, 2019 Awards**

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**Pirkle, William**  
*Nuclear Energy Advisory Committee (NEAC)* 17,200  
**Sponsor:** SC Universities Research and Education Foundation (SCUREF)/DOE

**AK Ruth Patrick Sci Ed**

**Senn, Gary**  
*Science and Technology Enrichment Program (STEP)* 60,211  
**Sponsor:** Savannah River Nuclear Solutions/DOE

**University of SC Beaufort**

**BFT Grants**

**Canada, Brian**  
*RII Track 1: Materials Assembly and Design Excellence in South Carolina: MADE in SC* 179,793  
**Sponsor:** National Science Foundation (NSF) EPSCoR

**BFT Hospitality Management**

**Calvert, Charles**  
*A Vision for the Future: A Collaboration Between USC Beaufort and the Town of Hilton Head Island* 182,695  
**Sponsor:** Town of Hilton Head Island

**University of SC Sumter**

**Sumter**

**Reisenauer, Eric**  
*Blue Cross/Blue Shield of South Carolina Fund to establish Nursing Simulations Labs at USC Sumter and USC Union* 300,000  
**Sponsor:** BlueCross BlueShield of South Carolina Foundation

**Office of Research  
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**July, 2019 Awards**

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**University of SC Upstate**

***USC Upstate Research***

**Waldrop, Susannah**

*Avanzando Through College*

25,000

***Sponsor:*** UnidosUS

**Report Total: \$31,178,882**