

Office of Research
IT and Data Management Office

July, 2018 Awards

Administration & Finance

Admin. & Finance

Hardaway, Chad

USC Center for Applied Innovation and Advanced Analytics - i6 - 15510-FL00 436,853

Sponsor: US Economic Development Administration (EDA)/DOC

Co-PI:

Center for Applied Innovation - 15510-KL00 50,000

Sponsor: South Carolina Research Authority(SCRA)

Co-PI:

USC Center for Applied Innovation and Advanced Analytics - i6 - 62020-FL00 -436,853

Sponsor: US Economic Development Administration (EDA)/DOC

Co-PI:

Arnold School of Public Health

Communication Sci & Disorders

Adlof, Suzanne

Orthography and Phonology in Word Learning as a Predictor of Dyslexia in Children with Language Impairment - 11560-FA45 197,792

Sponsor: MGH Institute of Health Professions/NIDCD/NIH

Co-PI:

Word Learning in Reading and Language Impairment Subgroups - 11560-FA46 767,500

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

Co-PI:

Behroozmand, Roozbeh

Neural Mechanisms of Vocal Communication in the Human Brain - 11560-FA31 4,937

Sponsor: University of Iowa/NIH

Co-PI:

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Fridriksson, Julius

Brain Connectivity Supporting Language Recovery in Aphasia - 11560-FA20 144,143

Sponsor: Medical University of South Carolina (MUSC)/NIH

Co-PI: Rorden, Christopher

Integrative Functions of the Planum Temporale - 11560-FA25 13,168

Sponsor: The Regents of the University of California/NIH

Co-PI: Rorden, Christopher

Klusek, Jessica

Language in Fragile X Syndrome - 11560-FA48 35,000

Sponsor: University of California -Davis/NICHHD/NIH

Co-PI:

Werfel, Krystal

Early Language and Literacy Acquisition in Children with Hearing Loss - 11560-FA47 741,054

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

Co-PI:

Environmental Health Sciences

Baalousha, Mohammed

MRI: Acquisition of Time of Flight-Inductively Coupled Plasma-Mass Spectrometer to support multi-disciplinary research and training in South Carolina and Nationwide - 11510-FQ00 635,931

Sponsor: National Science Foundation (NSF)

Co-PI:

Chatterjee, Saurabh

Understanding Gut-Microbiome links to Gulf War Illness persistence and development of gut-dysbiosis targeted therapy - 11510-FB90 857,109

Sponsor: USA Medical Research ACQU Activity/DOD

Co-PI:

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Norman, Robert

Anaerobic membrane bioreactors as a next-generation technology to address the food-energy-water nexus - 11510-GA02 7,750

Sponsor: Clemson/SC EPSCoR/IDeA

Co-PI:

Rothenberg, Sarah

Methylmercury Exposure Through Rice Ingestion, Gut Microbes, and Offspring Development (Year 2) - 11510-FB82 -63,000

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

Co-PI:

Epidemiology & Biostatistics

McDermott, Suzanne

Improving the Health of People with Mobility Limitations and Intellectual Disabilities through State-Based Public Health Programs - Year 3 Continuation - 11520-FL25 440,000

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

Co-PI:

Nolan, Melissa

Geospatial Analysis of High-Risk Areas for Vectorborne Transmission Utilizing Satellite Imaging Technology - 11520-KA40 30,297

Sponsor: Baylor College of Medicine/ExxonMobil Foundation

Co-PI:

Improving Chagas disease patient diagnosis and health outcomes in the southwestern United States: epidemiologic and antigenic characterization of autochthonous cases - 11520-KA41 800,001

Sponsor: The Brockman Medical Research Foundation

Co-PI:

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Exercise Science

Pate, Russ

SIP 15-010: Physical Activity Training for Public Health Professionals - 11570-FB28 13,513

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

Co-PI:

SIP 15-010: Physical Activity Training for Public Health Professionals (PAPH '16-'17 continuation application) - 11570-FB35 -13,513

Sponsor: Centers for Disease Control and Prevention (CDC)

Co-PI:

Wang, Xuewen

Effects of Sleep Deficiency During Postpartum on Body Weight and Body Fat Changes in African American and White Women - 11530-FB36 21,975

Sponsor: National Institute on Minority Health & Health Disparities (NIMHD)/NIH

Co-PI:

Weaver, Glenn

Interventions to Promote Healthy Lifestyle and Academic Performance in Children during the Summer Months - 11530-FB24 184,127

Sponsor: National Institute of Child Health & Human Services (NICHS)/NIH

Co-PI:

Interventions to Promote Healthy Lifestyle and Academic Performance in Children during the Summer Months - Diversity Supplement (Ethan Hunt) - 11530-FB34 56,742

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

Co-PI:

Product Testing Movement Integration Products: Identifying What Works and What Doesn't - 11530-FB37 183,125

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

Co-PI:

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Health Prom., Educ. & Behavior

Friedman, Daniela

DHHS Contract for support of the work of the Office for the Study of Aging - Alzheimer's Registry (Registry) - 11500-FA72 222,359

Sponsor: SC Department of Health and Human Services/HHS

Co-PI: Pearson, Joseph Lee Spencer, Sharon

Thrasher, James

Evaluating How Tobacco Control Policies are Shaping the Nicotine Delivery Market - 11540-FA76 8,160

Sponsor: Medical University of South Carolina/NIH

Co-PI:

Health Services Policy & Mgmt

Radcliff, Elizabeth

Children's Trust MIEC-HV Expanded Workforce Evaluation Part II: - 11500-FL59 358,709

Sponsor: Children's Trust of South Carolina/HRSA

Co-PI:

Public Health - Dean's Office

Smithwick, Julie

PASOs-WIC contract 2017-2018 - 11500-FL56 26,706

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

Co-PI:

PASOs-WIC contract 2018-2019 - 11500-FL58 166,561

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

Co-PI:

Workman, Lauren

Children's Trust MIEC-HV Expanded Workforce Evaluation Part II: - 11580-FL32 104,453

Sponsor: Children's Trust of South Carolina/HRSA

Co-PI:

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July, 2018 Awards

College of Arts and Sciences

Anthropology

Feliciano-Santos, Sherina

Collaborative Research: Socio-Linguistic Analysis of Cross-Cultural Encounters and their Outcomes - 13590-FA13 243,261

Sponsor: National Science Foundation (NSF)

Co-PI:

Archaeology & Anthropology

Smith, Steven

Archeological Phase I Survey 1500 Acres, Fort Bragg, North Carolina - 21300-FB10 60,000

Sponsor: US Army Corps of Engineers/DOD

Co-PI:

Baruch Institute

Kimball, Matthew

Evaluation of Potential Juvenile Tarpon Overwintering Habitat in Coastal South Carolina - 21600-KA93 23,519

Sponsor: Bonefish and Tarpon Trust

Co-PI:

Morris, James

EESLR 2016 – Dynamic sea level rise assessments of the ability of natural and nature-based features to mitigate surge and nuisance flooding - 21600-FC62 50,000

Sponsor: Louisiana State University/NOAA

Co-PI:

Biological Sciences

Berger, Franklin

Introducing Fecal Immunochemical Testing (FIT) to Close Gaps in Colorectal Cancer Screening in Rural Settings - 13130-KL07 130,972

Sponsor: BlueCross BlueShield of South Carolina Foundation

Co-PI:

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Dudycha, Jeffry

Mutational Variance of the Transcriptome and the Origins of Phenotypic Plasticity - 13010-FC52 289,927

Sponsor: National Science Foundation (NSF)

Co-PI:

Twiss, Jeff

Modifying Intrinsic Growth Capacity through Axonal mRNA Translation - 13010-FC34 365,761

Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH

Co-PI:

Vance, Vicki

A chemopreventive strategy based on edible microRNAs produced in plants - 13010-FC68 156,514

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Chemistry & Biochemistry

Karthikeyan, Mythreye

Center for Targeted Therapeutics - Project 2 (YEAR 3) - 13020-FC72 -1,684

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

Co-PI:

Inhibin function in tumor angiogenesis - 13020-FD15 336,102

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Richardson, Susan

Collaborative Research: Fundamental Understanding of the Environmental Fate of Disinfection By-Products arising from Desalination Plants - 13020-FC97 12,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Shimizu, Ken

Comprehensive Models of Non-Covalent Aromatic Interactions - 13020-FC94 26,729

Sponsor: National Science Foundation (NSF)

Co-PI:

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Shustova, Natalia

Center for Hierarchical Waste Form Materials (CHWM) - 13020-FC82 150,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Earth & Ocean Sciences

Kellogg, James

Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - 13040-J400 1,250

Sponsor: Elsevier Science, Ltd.

Co-PI:

Lakshmi, Venkataraman

Downscaling SMAP radiometer soil moisture for CONUS using vegetation and surface temperature - 21610-FA19 80,000

Sponsor: NASA Goddard Space Flight Center

Co-PI:

Intergovernmental Personnel Act (IPA)- National Science Foundation - 21610-FL01 78,918

Sponsor: National Science Foundation (NSF)

Co-PI:

Geography

Cutter, Susan

Longitudinal Data Project for Resilience: Identifying Existing Longitudinal Data and Systems - 13540-KA29 178,000

Sponsor: Gulf Research Program, National Academies of Sciences, Engineering, and Medicine (NASEM)

Co-PI:

Dow, Kirstin

*Building Adaptive Capacity in the Carolinas:
The Carolinas Integrated Sciences & Assessments (CISA) Program - 13540-FB40* 123,208

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

Co-PI: Carbone, Gregory Lackstrom, Kirsten

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Hiscox, April

COLLABORATIVE RESEARCH: SAVANT: Stable Atmospheric Variability AND Transport - 13540-FB45 176,770

Sponsor: National Science Foundation (NSF)

Co-PI:

Mock, Cary

Collaborative Research: High Frequency Hydroclimate Extremes and Synoptic Climate Drivers in Western North America at the End of the Little Ice Age - 13540-FB49 224,307

Sponsor: National Science Foundation (NSF)

Co-PI:

Mathematics

Yang, Xiaofeng

Collaborative Research: Models, algorithms, simulations, and applications for two-phase ferrofluid flows in contact with a solid surface - 21400-FA49 57,185

Sponsor: National Science Foundation (NSF)

Co-PI:

Philosophy

Gentry, Brittany

SCP Graduate Fellowships for Science Cross-Training Round 2 - 12560-KJ00 34,000

Sponsor: Society of Christian Philosophers/John Templeton Foundation

Co-PI:

Physics & Astronomy

Crawford, Thomas

Collaborative Research: How magnetic nanoparticles organize in extreme forcegradients - 13070-FB73 305,590

Sponsor: National Science Foundation (NSF)

Co-PI:

Gudkov, Vladimir

Fundamental Neutron Physics: Theory and Analysis - 13070-FB51 70,000

Sponsor: Department of Energy (DOE)

Co-PI:

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Petti, Roberto

Neutrino and Flavor Physics at the Intensity Frontier - 13070-FB70 39,400

Sponsor: Department of Energy (DOE)

Co-PI:

Rodney, Steven

Turning Gravitationally Lensed Supernovae into Cosmological Probes - 13070-FB69 23,989

Sponsor: Space Telescope Science Institute (STScI)/NASA

Co-PI:

Tedeschi, David

Search for Neutrinoless Double Beta Decay - 13070-FB66 31,000

Sponsor: Department of Energy (DOE)

Co-PI:

Psychology

Sweeney, Allison

The Developing Real Incentives and Volition for Exercise (DRIVE) Project - 13580-FB60 59,038

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

Co-PI:

College of Education

Educational Studies

Wolfe, Katie

DDSN-USC Behavior Support Center 2018-2019 - 15240-GL13 149,272

Sponsor: SC Department of Disabilities and Special Needs (SC DDSN)

Co-PI:

Instruction & Teacher Educ.

Hodges, Thomas

Center for Research on Teacher Education - 15200-GL12 -95,000

Sponsor: South Carolina Commission on Higher Education

Co-PI:

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Research, Eval., & Measurement

Dickenson, Tammiee

Center for Research on Teacher Education - 15290-GL55

95,000

Sponsor: SC Commission on Higher Education

Co-PI:

SC Educational Policy Center

Monrad, Diane

*Evaluation of the Med Pro 21 Magnet Program for Richland School District Two -
15270-FL03*

195,000

Sponsor: Richland School District Two/USDE

Co-PI:

SC School Improvement Council

Hudson, Tom

SC Education Policy Fellowship Program - 15280-KJ02

10,000

Sponsor: SC-EPFP Advisory Board/SC Association of School Administrators

Co-PI:

College of Engineering & Comp.

Chemical Engineering

Gower, Robert

*Biomaterial implants for the prevention and treatment of microgravity induced muscle
atrophy. - 15510-FD10*

25,000

Sponsor: College of Charleston/ SC NASA EPSCoR Research Grant Program

Co-PI:

*Biomaterial Implants for the Prevention and Treatment of Microgravity Induced Muscle
Atrophy. - 15510-GA27*

0

Sponsor: College of Charleston/SC NASA EPSCoR Research Grant Program/NASA

Co-PI:

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Heyden, Andreas

Theoretical Investigation of Heterogeneous Catalysis at the Solid Liquid Interface for the Conversion of Lignocellulosic Biomass Model Molecules - 15510-FB98 180,000

Sponsor: Department of Energy (DOE)

Co-PI:

DMREF: Collaborative Research: Design and Discovery of Multimetallic Heterogeneous Catalysts for a Future Biorefining Industry - 15510-FC68 49,465

Sponsor: National Science Foundation (NSF)

Co-PI: Ammal, Salai Terejanu, Gabriel

Jabbarzadeh, Ehsan

Type I: University of South Carolina I-Corps Site for Entrepreneurship - 15510-FC96 100,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Bioinspired Matrices to Enhance Cardiac Differentiation and Maturation of Embryoid Bodies - 15510-FD09 68,600

Sponsor: National Institute of Biomedical Imaging & Bioengineering (NIBIB)/NIH

Co-PI:

Biomimetic Scaffolds for Predicting Breast Cancer Metastasis in Microgravity - 15510-FD11 20,000

Sponsor: College of Charleston/NASA

Co-PI:

Lauterbach, Jochen

Research Experience for Teachers (RET) Program (Benjamin Kane) - 15510-FD08 2,000

Sponsor: SC EPSCoR/SC Commission on Higher Education/NSF

Co-PI:

Monnier, John

High Surface Free Energy Anchoring of Bimetallic Core Shell Particles - 15510-FC66 12,000

Sponsor: National Science Foundation (NSF)

Co-PI: Regalbuto, John

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Civil & Environmental Eng.

Berge, Nicole

Anaerobic membrane bioreactors as a next-generation technology to address the food-energy-water nexus - 15520-GA12 -7,750

Sponsor: Clemson/SC EPSCoR/IDeA

Co-PI:

Huynh, Nathan

Center for Connected Multimodal Mobility - 15520-FB42 396,732

Sponsor: Clemson University/USDOT

Co-PI:

Improving SCDOT Project Delivery through Identifying Potentially Suitable Locations for Mitigation and Standardizing Section 401/404 Permit Application Process - 15520-FB58 640,678

Sponsor: SC Department of Transportation (SCDOT)/FHWA

Co-PI:

Yoon, Yeomin

Remediation of Soil and Groundwater Contaminated with Various Organic Contaminants - 15520-LA10 150,000

Sponsor: Korean Army Academy in South Korea (Republic of Korea)

Co-PI:

Computer Science & Engineering

Beer, Jenay

Advancing Quality Lung Cancer Survivorship in South Carolina - 15590-KA29 -106,481

Sponsor: Bristol-Myers Squibb Foundation, Inc.

Co-PI:

Terejanu, Gabriel

DMREF: Collaborative Research: Design and Discovery of Multimetallic Heterogeneous Catalysts for a Future Biorefining Industry - 15590-FB16 -49,465

Sponsor: National Science Foundation (NSF)

Co-PI: Heyden, Andreas

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July, 2018 Awards

Tong, Yan

Bubble/Vapor Slug Dynamics in a Confined Domain - 15590-FB19

8,790

Sponsor: Office of Naval Research/DOD

Co-PI:

Electrical Engineering

Khan, Asif

Leveraging a New Theoretical Paradigm to Enhance Interfacial Thermal Transport In Wide Bandgap Power Electronics - 15530-FB88

190,550

Sponsor: Georgia Institute of Technology/ONR

Co-PI:

IIT - Engineering

Crichigno Benitez, Jorge

Cyberinfrastructure Center of Expertise - 15560-FJ00

499,959

Sponsor: National Science Foundation (NSF)

Co-PI:

Mechanical Engineering

Besmann, Theodore

Center for Hierarchical Waste Form Materials (CHWM) - 15540-FD24

210,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Chen, Fanglin

Novel Microtubular Solid Oxide Electrolysis Cells to Support NASA's Planetary Exploration Missions - 15540-FD82

10,000

Sponsor: College of Charleston/NASA

Co-PI:

Dryer, Frederick

Integration of NMR Interpretation Tool in Surrogate Formulation and High Pressure Laminar Flow Reactor for Species Diagnostics in Jet Fuel Combustion - 15540-FD29

43,415

Sponsor: Universal Technology Corporation/DOD

Co-PI:

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July, 2018 Awards

Giurgiutiu, Victor

Predictive Sensing of Aerospace Composite Structures - 15540-FD22 161,083

Sponsor: US Air Force/DOD

Co-PI:

Huang, Kevin

Fundamentals of a New All Solid-state Metal-air Redox Battery Operated on Oxide-ion Chemistry - 15540-FD79 313,194

Sponsor: National Science Foundation (NSF)

Co-PI:

Development of Next-Generation Heat Exchangers for Hybrid Power Generation - 15540-FD80 100,000

Sponsor: Advanced Research Projects Agency-Energy/DOE

Co-PI:

Li, Chen

Bubble/Vapor Slug Dynamics in a Confined Domain - 15540-FD12 -8,790

Sponsor: Office of Naval Research/DOD

Co-PI: Tong, Yan

Sockalingam, Subramani

Novel 3D Semi-woven Fiber-reinforced Composite Architectures for Enhanced Impact and Damage Tolerance - 15540-FD81 9,917

Sponsor: College of Charleston/NASA

Co-PI:

Tatting, Brian

Tow-Steered Panels for Tailored Wings - 15540-FD78 70,008

Sponsor: National Institute of Aerospace/NASA

Co-PI:

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July, 2018 Awards

College of Information & Comm.

Journalism & Mass Comm.

Bhalla, Nandini

*The Effects of Self-Construal on Green CSR Perspectives in the U.S. and India:
The Moderating Roles of Environmental Consciousness - 15600-KA13* 2,378

Sponsor: The Arthur W. Page Center, College of Communications/Penn State
University

Co-PI:

Library & Information Sciences

Gavigan, Karen

Teaching with Primary Sources - University of South Carolina - 15700-FJ04 19,970

Sponsor: Library of Congress

Co-PI:

College of Nursing

Nursing

Estrada, Robin

*A Patient-Centered Asthma Management Communication Intervention for Rural Latino
Children - 11200-FA29* 144,033

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

Co-PI:

McDonnell, Karen

Advancing Quality Lung Cancer Survivorship in South Carolina - 11200-KA21 106,481

Sponsor: Bristol-Myers Squibb Foundation, Inc.

Co-PI:

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July, 2018 Awards

College of Pharmacy

Drug Discovery & Biomed Sci.

Fang, Jing

Targeting the p62 Signalosome in Leukemia. - 11110-FA92 335,119

Sponsor: National Institutes of Health (NIH)

Co-PI:

Define the function of GPR68 in pediatric leukemia. - 11110-KA32 100,000

Sponsor: St. Baldrick's Foundation

Co-PI:

Kiaris, Hippokratris

CSBR: Living Stocks Support for the Peromyscus Genetic Stock Center - 22060-FA05 245,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Roninson, Igor

Center for Targeted Therapeutics - Admin Core (YEAR 3) - 11160-FA17 784

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

Co-PI:

Turner (Ortinski), Jill

Morphine-induced Changes in the Sperm Epigenome - 11110-FB02 13,466

Sponsor: Tufts University/NIH

Co-PI:

Xu, Peisheng

Center for Targeted Therapeutics - Project 4 (YEAR 3) - 11160-FA18 957

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

Co-PI:

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Palmetto Poison Center

Michels, Jill

South Carolina Poison Center Support and Enhancement Project - 11140-FL34 271,347

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

Co-PI:

Pharm - Clin Pharm & Outcomes Sciences

Bookstaver, Brandon

South Carolina Antimicrobial Stewardship & Resistance Prevention Network (SCARPS) - 11150-FL10 162,659

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

Co-PI:

Love, Bryan

Influenza Vaccination and Health Outcomes in Pediatric Patients with Inflammatory Bowel Disease in South Carolina - 11150-KA29 2,500

Sponsor: Crohn's & Colitis Foundation of America

Co-PI:

College of Social Work

Social Work - Dean's Office

Flynn, Cynthia

USC/DSS Purchase of Social Work Training for DSS Staff and Agents - Child Welfare Instructional Services - 15900-FJ89 842,479

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

Co-PI:

USC/DSS Purchase of Social Work Training for DSS Staff and Agents - Economic Services Training - 15900-FJ90 406,508

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

Co-PI:

USC/DSS Purchase of Social Work Training for DSS Staff and Agents - Adult Advocacy Services Training - 15900-FJ91 315,306

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

Co-PI:

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Levkoff, Sue

South Carolina-Advancing Diversity in Aging Research Undergraduate Program - 15900-FJ75 352,650

Sponsor: National Institute on Aging (NIA)/NIH

Co-PI: White, Alan

Darla Moore School of Business

Moore Sch - Div. of Research

Von Nessen, Joseph

S.C. State Housing Finance and Development Authority - 21200-GA46 44,000

Sponsor: SC State Housing Finance and Development Authority

Co-PI:

S.C. Captive Insurance Association - Economic Impact Analysis - 21200-LA09 11,750

Sponsor: S.C. Captive Insurance Association

Co-PI:

Small Business Dev. Ctr.

Abraham, Michele

Procurement Technical Assistance Program for Business Firms (State Director's Office) - 21250-FM07 138,310

Sponsor: Defense Logistic Agency (DLA)/DoD

Co-PI:

Hosp., Retail, & Sport Mgmt

Hotel, Restaurant & Tour Mgmt

Hudson, Simon

The Effect of Lodging Tax Increases on U.S. Destinations - 14050-KA15 56,177

Sponsor: American Hotel & Lodging Educational Foundation (AHLEF)

Co-PI:

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Retailing

Edwards, Karen

2018-2019 Target Leadership Development Series Program - 14010-JJ01

1,500

Sponsor: Target Corp.

Co-PI:

School of Law

Children's Law Center

Morris, Carolyn

DSS Investigations Training Contract - 15810-FM09

97,876

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

Co-PI:

DSS Child Welfare Training Contract (Year 4) - Child Welfare Staff - 15810-FM10

179,058

Sponsor: S.C. Department of Social Services(DSS)/HHS

Co-PI:

DSS Child Welfare Training Contract (Year 4) - Mandated Reporters - 15810-FM11

74,732

Sponsor: S.C. Department of Social Services(DSS)/HHS

Co-PI:

School of Medicine

Cell Biology & Anatomy

Azhar, Mohamad

Analysis of TGFβ Ligands Function in Heart Development and Disease - 18020-FB45

6,675

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

Co-PI:

Morad, Martin

Nanowired human cardiac spheroids for heart repair - 18020-FB68

42,919

Sponsor: Clemson University/NIH

Co-PI:

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Spinale, Francis

Therapeutic Targeting of Tissue Inhibitor-4 in Hypertrophy and Failure - 18020-FB51 429,196

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

Co-PI:

Therapeutic targeting of tissue inhibitor-4 in hypertrophy and failure (Diversity Supplement: Will Torres) - 18020-FB57 55,609

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

Co-PI:

Internal Medicine

Albrecht, Helmut

Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE - 18190-FA12 11,979

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

Sponsor: Gilead Sciences, Inc.

Co-PI:

Protocol GS-US-380-1844, "A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Switching from a Regimen of Dolutegravir and ABC/3TC.... - 18190-JA90 831

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 1,692

Sponsor: Gilead Sciences, Inc.

Co-PI:

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Gripaldo, Ria

A double blind, randomized, placebo-controlled trial evaluating the efficacy and safety of nintedanib over 52 weeks in patients with Progressive Fibrosing Interstitial Lung Disease (PF-ILD) - (Clinical Trial Protocol for BI Trial No. 1199.247) - 18190- 10,090

Sponsor: Palmetto Health/Boehringer Ingelheim Pharmaceuticals, Inc.

Co-PI:

Weissman, Sharon

Housing First Program for Persons with Disabilities - 18190-HL09 234,000

Sponsor: City of Columbia

Co-PI:

Ryan White Part B Rebate Funds 2018-2019 - 18190-LL11 1,018,516

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

Co-PI:

Neurology

Cuturic, Miroslav

Enroll-HD: A Prospective Registry Study in Global Huntington's Disease Cohort - 18450-KA02 2,312

Sponsor: CHDI Foundation

Co-PI:

Sen, Souvik

A PHASE 1B/2, MULTICENTER,DOUBLE-BLIND (PRINCIPAL INVESTIGATORS AND STUDY SUBJECTSBLINDED, SPONSOR UNBLINDED), PLACEBO-CONTROLLED, RANDOMIZED,SINGLE-ASCENDING DOSE STUDY TO ASSESS THE SAFETY, PHARMACOKINETICS,AND PHARMACODYNAMICS OF DS-1040B IN SUBJE 5,007

Sponsor: Daiichi Sankyo Pharma Development, an unincorporated division ofDaiichi Sankyo, Inc.

Co-PI:

A Phase 2, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Add-On to Standard-of-Care Study of n-Butylphthalide (NBP) Softgel Capsules for Treatment of Mild to Moderate Acute Ischemic Stroke in Adult Subjects (CSPC) - Protocol Number NBP 2001. 12,000

Sponsor: inVentiv Health Clinical, LLC - CSPC NBP Pharmaceutical Co, Ltd

Co-PI:

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July, 2018 Awards

Pediatrics

Brown, Daniel

Cystic Fibrosis Foundation Grant FY18-19 - 18140-KA22 69,765
Sponsor: Cystic Fibrosis Foundation
Co-PI:

Cramer, Stuart

A Phase 3b Continuation study of the Safety and Efficacy of PEGylated Recombinant Factor VIII (PEG-rFVIII; BAX 855) in Prophylaxis of Bleeding in Previously Treated Patients with Severe Hemophilia A; Protocol No. 261302 - 18140-JA30 500
Sponsor: Baxter Healthcare Corporation (Baxalta US Inc.)
Co-PI:

COG: EveryChild (APEC14B1) - 18140-KA20 150
Sponsor: The Children's Hospital of Philadelphia, Contracting on behalf of the Children's Oncology Group (COG Foundation)
Co-PI:

Knight, Lisa

Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes - 18140-FA14 355
Sponsor: University of South Florida/NIH
Co-PI:

Rosa, Olga

DHHS/SCCAMRS Admin Contract 7/1/18-6/30/21 - 18140-FM71 266,555
Sponsor: SC Dept of Health and Human Services/HHS
Co-PI:

Rotholz, David

Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants - 18140-FM70 200,000
Sponsor: SC Department of Disabilities & Special Needs/HHS
Co-PI:

Training Programs and Technical Assistance for Staff - 18140-GL43 638,812
Sponsor: South Carolina Department of Disabilities and Special Needs
Co-PI:

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July, 2018 Awards

Pharm., Physiology & Neurology

Grillo, Claudia

Center for Targeted Therapeutics (YEAR 3) PILOT PROJECT: Leptin-Sensitive Raphe Neurons as a Potential Novel Target for Obesity Treatment - 11160-FA22 -57

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

Co-PI:

Reagan, Lawrence

IPA for Susan Wood for Reagan VA grant - 18080-FA72 25,467

Sponsor: WJB Dorn VA Medical Center

Co-PI:

IPA for Jennifer Woodruff for Reagan VA grant - 18080-FA73 48,801

Sponsor: WJB Dorn VA Medical Center

Co-PI:

IPA for Kris Ford Kaigler - 18080-FA76 71,623

Sponsor: Department of Veterans Affairs

Co-PI:

IPA for Marlene Wilson - 18080-FA77 32,224

Sponsor: Department of Veterans Affairs

Co-PI:

Surgery

Clair, Daniel

Pilot Study for the LimFlow Stent Graft System - 18200-JA10 21,043

Sponsor: LimFlow, Inc.

Co-PI:

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July, 2018 Awards

School of Music

Music

Bain, Reginald

Mutational Variance of the Transcriptome and the Origins of Phenotypic Plasticity - 12550-FA00 19,831

Sponsor: National Science Foundation (NSF)

Co-PI:

University of SC Aiken

Aiken

Beck, Judy

SC CREATE 2017-2018 - 17110-FX00 447

Sponsor: SC Department of Education - Office of Special Education Services/USDE

Co-PI:

DeLaurier, April

SC INBRE DRP Award: Genetic mechanisms underlying craniofacial skeletal development in zebrafish - 17110-FA73 15,000

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

Co-PI:

Jackson, William

South Carolina IDeA Networks of Biomedical Research Excellence (SC INBRE) (Year 4) - 17110-FA72 15,000

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

Co-PI:

Senn, Gary

Science and Technology Enrichment Program (STEP) - 17110-FL55 58,343

Sponsor: Savannah River Nuclear Solutions/DOE

Co-PI:

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July, 2018 Awards

University of SC Beaufort

Beaufort

DebRoy, Swati

Exploring Associations Between Body Mass Index, Race, Gender, Socioeconomic Status and Food Choice to Inform School Wellness Policy in South Carolina's Corridor of Shame - 17220-FA20 10,986

Sponsor: Beaufort Jasper Hampton Comprehensive Health Services/NIMHD/NIH

Co-PI:

Beaufort - Academic Affairs

Calvert, Charles

Vision for the Future: A Collaboration between USC Beaufort and the Town of Hilton Head Island - 17210-HL14 165,648

Sponsor: Town of Hilton Head Island

Co-PI:

Warren, David

Town of Bluffton Water Quality MOU - 17210-HL12 120,000

Sponsor: Town of Bluffton

Co-PI:

University of SC Lancaster

Lancaster

Williamson, Matherline

The University of South Carolina Lancaster Continuation Application TRiO Upward Bound to Serve First-generation and/or Low-income Students. - 17550-FL31 6,436

Sponsor: US Department of Education (USDE)

Co-PI:

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July, 2018 Awards

University of SC Upstate

Upstate

Leonhirth, Deshia

SCRA Population Health - 17880-GA09

99,946

Sponsor: South Carolina Research Authority(SCRA)

Co-PI:

Vice President for Research

EPSCoR

Aziz, Nadim

FY16 SC EPSCoR Appropriation - 22400-GA32

-27,000

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

Co-PI:

FY16 SC EPSCoR Appropriation - Phase 0 Accounts - 22400-GA33

27,000

Sponsor: SC EPSCoR/SC Commission on Higher Education

Co-PI:

FY18 RET Faculty Mentor Award - 22400-GA39

-2,000

Sponsor: SC EPSCoR/SC Commission on Higher Education

Co-PI:

Office Research - General

Deans, Kenneth

South Carolina Clinical & Translational Research Institute (SCTR) - 22000-FB03

38,000

Sponsor: Medical University of South Carolina/NCATS/NIH

Co-PI:

Report Total:

\$20,443,255