

Office of Research
IT and Data Management Office

June, 2018 Awards

Arnold School of Public Health

Communication Sci & Disorders

Behroozmand, Roozbeh

Sensorimotor Processing of Auditory Feedback in Aphasia - 11560-FA39 138,670

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

Co-PI:

Fogerty, Daniel

Maximizing Speech Recognition Under Adverse Listening Conditions - 11560-FA32 310,707

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

Co-PI:

Environmental Health Sciences

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 5,000

Sponsor: NASA

Co-PI:

Norman, Robert

Anaerobic membrane bioreactors as a next-generation technology to address the food-energy-water nexus - 11510-GA02 24,629

Sponsor: Clemson/SC EPSCoR/IDeA

Co-PI:

Epidemiology & Biostatistics

Hardin, James

SOW 001 for Agreement to Perform Consulting Services to GHS Health Science Center - 11520-KL04 15,000

Sponsor: GHS Health Science Center

Co-PI:

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June, 2018 Awards

Hebert, James

Administrative Supplement for Strengthening Research, Training and Outreach Capacity of the Geographic Management of Cancer Health Disparities Program (GMap) - 11500-FA73 5,567

Sponsor: University of Kentucky/NCI/NIH

Co-PI: Houston, Julia Felder, Tisha

McLain, Alexander

IPA - WJB Dorn VA Medical Center - McLain - 11520-FB66 14,589

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI:

Exercise Science

Schenkelberg, Michaela

Correlates of Physical Activity among Preschoolers with Developmental Delay and Autism - 11530-FB26 12,500

Sponsor: University of Massachusetts/HRSA

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 197,775

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

Co-PI:

Health Prom., Educ. & Behavior

Brandt, Heather

Colorectal Cancer Screening Program in South Carolina (YEAR 4) - 11540-FA96 625,929

Sponsor: Centers for Disease Control and Prevention (CDC)

Co-PI:

Friedman, Daniela

DHHS Contract for support of the work of the Office for the Study of Aging - Alzheimer's Registry (Registry) - 11500-FA72 100,000

Sponsor: SC Department of Health and Human Services/HHS

Co-PI: Pearson, Joseph Lee Spencer, Sharon

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June, 2018 Awards

Kaczynski, Andrew

*eCPAT: Advancing Public Park Information and Technology Resources to Diverse Audiences for Healthy Communities - *Subcontract from EnQ, LLC (SBC) as Part of a STTR Application - 11570-FB44* 106,083

Sponsor: EnQ LLC/NCI/NIH

Co-PI:

Li, Xiaoming

HIV-Related Stigma and HIV Clinical Outcomes - 11540-FA83 19,997

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

Co-PI:

Health Services Policy & Mgmt

Hair, Nicole

School-entry Vaccination Laws, Non-medical Exemptions and Academic Achievement - 11550-KA22 20,000

Sponsor: Russell-Sage Foundation

Co-PI:

Probst, Janice

Rural Health Research Center Cooperative Agreement 2016-2020 - 11550-FA72 -29,345

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

Co-PI:

Rural Health Research Grant Program Cooperative Agreement 2017-2018 - 11550-FA74 29,345

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

Co-PI:

NRHA's Community Health Worker Patient Centered Diabetes Management Program - Sustainability Phase - 11550-JA03 35,000

Sponsor: National Rural Health Association/Verizon Global Corporate Citizenship

Co-PI:

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June, 2018 Awards

Public Health - Dean's Office

Gillam, Pamela

SFY 2018 AND SFY 2019 SCDHHS-Medicaid Eligibility Monitoring and Improvement Contract MEQA/PERM/CHIP (Year 2) - 11580-FA86 946,149

Sponsor: SC Department of Health & Human Services/HHS

Co-PI:

DHEC Post Graduate Contract 2017-2022 - 11580-GL05 500,000

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

Co-PI:

Pack, Maya

Infrastructure and Programmatic Support for the SC Institute of Medicine and Public Health - 11500-KA20 400,000

Sponsor: USC Educational Foundation/The Duke Endowment

Co-PI:

Patterson, Nathaniel

Institute of Medicine and Public Health - 11500-KA11 120,000

Sponsor: SC Research Foundation

Co-PI:

Smithwick, Julie

Enhancing PASOs' Capacity to Lead the Way through Statewide Leadership and Sustainability - 11500-KL56 100,000

Sponsor: USC Educational Foundation/The Duke Endowment

Co-PI:

SC Thrive and PASOs Service Agreement - 11500-KL67 22,000

Sponsor: SC Thrive

Co-PI:

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Workman, Lauren

Colorectal Cancer Screening Program in South Carolina (YEAR 4) - 11580-FA85 90,720

Sponsor: Centers for Disease Control and Prevention (CDC)

Co-PI:

2018 AccessHealth Evaluation - 11580-KA19 20,000

Sponsor: SC Hospital Research and Education Foundation

Co-PI:

College of Arts and Sciences

Baruch Institute

Quattro, Joseph

Innovative Fish Ageing Methods for Rapid Detection of Climate-Driven Changes in Population Demography - 21600-FC77 27,767

Sponsor: SC Sea Grant Consortium

Co-PI:

Smith, Erik

Relating Nonpoint Source BOD Loading to Land-Use and Stormwater Management Practices in Coastal South Carolina - 21600-FC78 31,110

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

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June, 2018 Awards

Biological Sciences

Berger, Franklin

Center for Colon Cancer Research - Research Pilot Projects - 13130-FB01 -21,750

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

Co-PI:

COLON CANCER PREVENTION NETWORK (State Match for 13130-FB01) - 13130-GL05 50,000

Sponsor: Department of Health & Environmental Control

Co-PI:

Enhancing Colorectal Cancer Screening and Referral for Uninsured and Medically Underserved South Carolinians - 13130-KL09 350,000

Sponsor: USC Educational Foundation/The Duke Endowment

Co-PI:

Boggs, Carol

Coordinator for the Gills Creek Watershed Association - 10060-KL05 54,049

Sponsor: Gills Creek Watershed Association

Co-PI:

Fu, Zhengqing

Targeting of Salicylic Acid-Activated NPR1 by a Bacterial Type III Effector - 13010-FC67 487,567

Sponsor: National Science Foundation (NSF)

Co-PI:

Kathrein, Katie

Center for Targeted Therapeutics - Remediating Ing4 tumor suppressor deficiency using a zebrafish model (Year 5) - 13010-FC66 219,750

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

Co-PI:

Pinckney, James

Development of Models for Phytoplankton-Nutrient Responses in Support of Numeric Nutrient Criteria for Estuarine Water Quality - 21600-FC79 31,799

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

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Sahoo, Pabitra

Targeting axons stress granules to improve axon regeneration. - 13010-GJ00

67,500

Sponsor: SC Spinal Cord Injury Research Fund

Co-PI:

Tufford, Daniel

Carolinas Integrated Sciences and Assessments - 21600-FC02

-20,300

Sponsor: National Oceanic & Atmospheric Administration (NOAA)

Co-PI:

Chemistry & Biochemistry

Adams, Richard

Activation of C-H Bonds at Multinuclear Metal Sites - 13020-FD13

448,395

Sponsor: National Science Foundation (NSF)

Co-PI:

Journal of Organometallic Chemistry - 13020-J401

6,000

Sponsor: Elsevier Science, Inc.

Co-PI:

Benicewicz, Brian

Using Crystallization to Control Filler Dispersion and Vice Versa in Polymer Nanocomposites - 13020-FC99

109,912

Sponsor: Department of Energy/DOE

Co-PI:

Chen, Donna

Bifunctional Catalysts for Selective Hydrogenation of Biomass Derivatives: Furfural Hydrogenation over Pt-Sn Supported on Titania - 13020-FD14

592,171

Sponsor: National Science Foundation (NSF)

Co-PI:

Hydrogenation activity of Pd particles on modified carbon supports - 13020-JA39

36,000

Sponsor: CeRCaS/Various Commercial

Co-PI:

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June, 2018 Awards

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| Dawson, John <i>Elsevier - Editor Agreement - 13020-JL05</i> Sponsor: Elsevier Co-PI: | 1,083 |
| Hashemi, Parastoo <i>An in Vivo Voltammetric Serotonin Biomarker for Antidepressant Efficacy - 13020-FC76</i> Sponsor: National Institute of Mental Health (NIMH)/NIH Co-PI: | 321,289 |
| Karthikeyan, Mythreye <i>Center for Targeted Therapeutics - Project 2 - (Year 5) - 13020-FD12</i> Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI: | -219,750 |
| Myrick, Michael <i>Algorithm for Reverse Sensor Transformation and Quality Assurance & Two Algorithms for Sensor Validation - 13020-JA38</i> Sponsor: DXP Supply Chain Services Co-PI: | 60,000 |
| Outten, Franklin <i>Conformational Dynamics and Allosteric Regulation During Stress-responsive Metallocofactor Assembly - 13020-FC51</i> Sponsor: The University of Alabama/NIH Co-PI: | 13,403 |
| Peryshkov, Dmitry <i>CAREER: Carborane Cluster Architectures Featuring Multiple Metal-Boron Interactions - 13020-FC88</i> Sponsor: National Science Foundation (NSF) Co-PI: | 283,890 |

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zur Loye, Hans-Conrad

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

144,900

Sponsor: US Department of Energy (DOE)

Co-PI:

Earth & Ocean Sciences

Wilson, Alicia

Girls Go for I.T. Summer Camp - 21610-KJ00

1,418

Sponsor: National Center for Women and IT

Co-PI:

Girls Go for IT -- Week 2 (App Inventor) - 21610-KJ01

1,418

Sponsor: National Center for Women & IT

Co-PI:

Geography

Dow, Kirstin

Carolinas Integrated Sciences and Assessments - 13540-FA93

20,300

Sponsor: National Oceanic & Atmospheric Administration (NOAA)

Co-PI: Carbone, Gregory

Subcontract to Building Regional Resilience to Water-Related Hazards in the Charleston, SC Region: A Charleston Resilience Network Initiative - 13540-FB48

24,457

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Mathematics

Boylan, Matthew

Number Theory Meetings in the Southeast - 13060-FA95

14,170

Sponsor: National Security Agency (NSA)

Co-PI:

Ju, Lili

Study on Localized Exponential Time Differencing Methods for Evolution Partial Differential Equations - 13060-FA94

150,000

Sponsor: National Science Foundation (NSF)

Co-PI:

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June, 2018 Awards

Wang, Qi

A Hybrid Discrete-Continuum Model for Sprouting Angiogenesis in 3D Biofabrication - 13060-GA12 60,000

Sponsor: SC EPSCOR/IDEA/SC Commission on Higher Education

Co-PI:

McKissick Museum

Przybysz, Jane

SCAC Folklife Partnership Renewal Grant - 34000-GL08 11,317

Sponsor: South Carolina Arts Commission

Co-PI:

Physics & Astronomy

Gothe, Ralf

JSA/Jefferson Lab Graduate Fellowship Award 2018-2019 - 13070-FB71 11,000

Sponsor: Jefferson Science Associates, LLC (JSA/DOE)

Co-PI:

Roberts-Pierel, Justin

SCSGC: High-z and Gravitationally Lensed Supernovae (2018 SC Space Grant Consortium Graduate Research Assistantship) - 13070-FB72 12,000

Sponsor: College of Charleston - Space Grant Consortium /NASA

Co-PI:

Rodney, Steven

Teaching Students How to Help Students Learn - 13070-FJ06 7,970

Sponsor: College of Charleston/NASA

Co-PI:

Office of Research IT and Data Management Office

June, 2018 Awards

Psychology

Mactutus, Charles

Progression of Attentional and Executive Function Deficits in HAND - 13580-FB36 36,625

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

Co-PI: Booze, Rosemarie Fairchild, Amanda Harrod, Steven

Neurobiological Mechanisms of Apathy in HAND - 13580-FB56 366,250

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

Co-PI:

Prinz, Ron

Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training - 13580-FJ12 377,039

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

Co-PI:

Richards, John

The Development of Sustained Attention in Infants - 13580-FB55 537,003

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

Co-PI:

Roberts, Jane

Emergence and Stability of Autism in Fragile X Syndrome - 13580-FB39 61,213

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

Co-PI: Richards, John Shinkareva, Svetlana Hills, Kimberly

Weist, Mark

SCDMH Quality Assessment and Improvement Contract - 13580-GL01 45,000

Sponsor: SC Department of Mental Health

Co-PI: Splett, Joni

Zarrett-Kivita, Nicole

Connect through P.L.A.Y.: A staff-based intervention targeting social mechanisms for promoting physical activity within after school programs for underserved middle school youth - 13580-FB59 53,950

Sponsor: NIH

Co-PI:

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June, 2018 Awards

School of Earth, Ocean & Env.

Ferster, Brady

*Investigating the Role of the Southern Ocean on Global Climate Change using
Satellite Observations and Model Simulations. - 21610-FA08* 12,000

Sponsor: College of Charleston/NASA

Co-PI:

Fuente, David

*Scoping Study on the Costs and Benefits of Improved Water Supply in Rural
Alaska - 21610-KA01* 7,500

Sponsor: Alaska Native Tribal Health Consortium

Co-PI:

College of Education

Educational Studies

Brown, William

*South Carolina Child Early Reading Development and Education Program (CERDEP)
18-19 - 15240-GA22* 29,000

Sponsor: SC Education Oversight Committee

Co-PI:

Instruction & Teacher Educ.

Hodges, Thomas

Center for Research on Teacher Education - 15200-GL12 255,000

Sponsor: South Carolina Commission on Higher Education

Co-PI:

Williams, Toni

Girls Go for I.T. Summer Camp - 15250-KJ02 582

Sponsor: National Center for Women and IT

Co-PI:

Girls Go for IT -- Week 2 (App Inventor) - 15250-KJ03 582

Sponsor: National Center for Women & IT

Co-PI:

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June, 2018 Awards

Yow, Jan

Collaborative Research: Teacher Leadership (T-Lead): Investigating the Persistence and Trajectories of Noyce Master Teaching Fellows - 15250-FL67 269,999

Sponsor: University of Nebraska/National Science Foundation

Co-PI:

College of Engineering & Comp.

Chemical Engineering

Shimpalee, Sirivatch

Innovative bilayer microporous layer for PEM fuel cells - 15510-FD07 30,000

Sponsor: Giner Inc./DOE

Co-PI:

Weidner, John

Development of the Hybrid Sulfur Cycle-Sulfur Dioxide Depolarized Electrolyzer - 15510-FD06 40,000

Sponsor: Savannah River Nuclear Solutions (SRNS)/DOE

Co-PI:

Civil & Environmental Eng.

Berge, Nicole

Anaerobic membrane bioreactors as a next-generation technology to address the food-energy-water nexus - 15520-GA12 24,630

Sponsor: Clemson/SC EPSCoR/IDeA

Co-PI:

Sasanakul, Inthuorn

Resonant Column Testing of Foundation Soils from a Tailings Storage Facility - 15520-JL11 12,000

Sponsor: Golder Associates Ltd.

Co-PI:

Computer Science & Engineering

Bakos, Jason

Electric Ship Research and Development (ESRDC FY17-21) - 15590-FB41 24,282

Sponsor: Florida State University/ONR

Co-PI:

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June, 2018 Awards

Valtorta, Marco

Co-Arg: Cogent Argumentation System with Crowd Elicitation - 15590-FB27 31,382

Sponsor: George Mason University/DARPA

Co-PI:

Electrical Engineering

Dougal, Roger

GEARED - FEEDER: Foundations for Engineering Education for Distributed Energy Resources - 15530-FB53 15,072

Sponsor: University of Central Florida/DOE

Co-PI:

Electric Ship Research and Development (ESRDC FY17-21) - 15530-FB74 211,686

Sponsor: Florida State University/ONR

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

Operating Account : GRAPES - NSF IUCRC Center Membership Agreements. (15530-FB60) - 15530-JA52 20,000

Sponsor: Various Sponsors

Co-PI:

Ginn, Herbert

APEMS Control Performance - 15530-FB75 181,500

Sponsor: Florida State University/ONR

Co-PI:

Development of Universal Controller Networks to Enable Power Electronic Power Distribution Systems - 15530-FB86 25,718

Sponsor: Florida State University/ONR

Co-PI:

Khan, Asif

High Efficiency Micro/Nano-pillar UVC Light Emitting Diodes - 15530-FB85 90,000

Sponsor: Army Research Office (ARO)/DOD

Co-PI:

Office of Research
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June, 2018 Awards

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

1,398,779

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

Zhang, Bin

Operation-Aware ISHM for Environmental Control and Life Support in Deep Space Habitants (Phase II) - 15530-FB87

220,000

Sponsor: Global Technology Connection, Inc./NASA

Co-PI:

Mechanical Engineering

Besmann, Theodore

Database Development and Modeling of Fuel-Fission Products in High Burnup Systems - 15540-FC91

30,000

Sponsor: UT- Battelle, LLC/DOE

Co-PI:

Nepheline Thermodynamic Model Creation and Validation - 15540-FD16

19,100

Sponsor: Battelle Memorial Institute, Pacific Northwest Division/DOE

Co-PI:

Harik, Ramy

Experimental evaluation of the optimal AFP process window of Toray new prepreg slit tape - 15540-JB00

104,842

Sponsor: Toray

Co-PI:

Huang, Kevin

Collaborative Research: On the Origin of Atomic Layer Deposition Enhanced Activity and Stability of Nanostructured Cathodes for Intermediate-temperature Solid Oxide Fuel Cells - 15540-FC98

96,366

Sponsor: National Science Foundation (NSF)

Co-PI:

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June, 2018 Awards

Huang, Xinyu

Characterization and Modeling of Accident Tolerant SiC Cladding - 15540-FD49 125,000

Sponsor: General Atomics/DOE

Co-PI:

van Tooren, Michael

Automation of Design and Manufacture of Wire Harnesses (RoboWire) -- Department of Commerce - 15540-GA34 179,973

Sponsor: SC Department of Commerce

Co-PI:

Automation of Design and Manufacture of Wire Harnesses (RoboWire) -- Safran - 15540-JA99 100,000

Sponsor: Safran Electrical & Power USA, LLC

Co-PI:

Wang, Yi

Structural Dynamic and Aerodynamic Reduced Order Models for Aerospace Vehicles Applications - 15540-FD77 33,410

Sponsor: CFD Research Corporation/NASA

Co-PI:

Won, Sang Hee

Research on Characterization of Fuel Combustion Property for Aviation Fuels - 15540-LA04 4,399

Sponsor: Sejong University

Co-PI:

College of Information & Comm.

Library & Information Sciences

Gavigan, Karen

Teaching with Primary Sources - University of South Carolina - 15700-FJ04 87,446

Sponsor: Library of Congress

Co-PI:

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June, 2018 Awards

College of Nursing

Nursing

Andrews, Jeanette

USC College of Nursing Jonas Scholars 2018-2020 (Cynthia Horton Dias) - 11200-KJ07 10,000

Sponsor: Jonas Nursing and Veterans Healthcare/AACN

Co-PI:

Burgess, Stephanie

Advanced Nursing Education Work Force (ANew) HRSA-17-067 - 11200-FJ27 483,001

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

Co-PI:

Elk, Ronit

Reducing Disparities in the Quality of Palliative Care for Older African Americans through Improved Advance Care Planning - 11200-KA24 181,430

Sponsor: Duke University/PCORI

Co-PI:

Graham, Crystal

Experilearn - A collaboration between academia and practice to improve the lives of the patients in this state - 11200-KJ08 590,000

Sponsor: USC Educational Foundation/The Duke Endowment

Co-PI:

Pinto, Bernardine

Peers Promoting Exercise Adoption and Maintenance among Cancer Survivors - 11200-FA24 50,823

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

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June, 2018 Awards

College of Pharmacy

Drug Discovery & Biomed Sci.

Buckhaults, Phillip

Genetic mechanisms of cancer sensitivity to chemotherapy. - 11110-JA11 62,500

Sponsor: Apollo Genetic Engineering

Co-PI:

Kiaris, Hippokratis

CSBR: Living Stocks Support for the Peromyscus Genetic Stock Center - 22060-FA05 5,000

Sponsor: National Science Foundation (NSF)

Co-PI:

McInnes, Campbell

Novel Chemical Biology Probes based on Selective Inhibitors of the Polo-Box Domain of PLK1 - 11110-FA93 71,623

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Palmetto Poison Center

Michels, Jill

South Carolina Poison Center Support and Enhancement Project - 11140-FL31 -2,977

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

Co-PI: Richardson, William

South Carolina Poison Center Support and Enhancement Project - 11140-FL33 2,977

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

Co-PI:

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June, 2018 Awards

College of Social Work

Families in Society, Institute

Lopez-DeFede, Ana

*SC Department of Health and Human Services Policy and Health Services
Consultation Activities - 10010-FA65* 4,000,000

Sponsor: SC Department of Health and Human Services/HHS

Co-PI:

Shapiro, Cheri

*Children's Health and Resource Geographic Exploration for Data-Driven Decisions:
CHARGED3 - 10010-KA20* 285,000

Sponsor: USC Educational Foundation/The Duke Endowment

Co-PI:

Social Work - Dean's Office

Reitmeier, Melissa

The Health Occupations Providing Excellence in SBIRT (HOPES) - 15900-FJ93 289,176

Sponsor: Substance Abuse and Mental Health Services Administration
(SAMHSA)/HHS

Co-PI:

Rural Interprofessional Behavioral Health Scholars (RIBHS) Program - 15900-FJ94 420,038

Sponsor: Health Resources and Services Administration (HRSA)

Co-PI:

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Darla Moore School of Business

Small Business Dev. Ctr.

Abraham, Michele

*Office of Small Business Development Centers Program Announcement - 2018
(USC) - 21250-FM05* 139,576

Sponsor: US Small Business Administration (SBA)

Co-PI:

*Office of Small Business Development Centers Program Announcement - 2018 (State
Director's Office) - 21250-FM06* 125,905

Sponsor: US Small Business Administration (SBA)

Co-PI:

*Office of Small Business Development Centers Program Announcement - 2018
(Winthrop) - 21250-ZL83* 154,895

Sponsor: US Small Business Administration (SBA)

Co-PI:

*Office of Small Business Development Centers Program Announcement - 2018 (SC
State) - 21250-ZL84* 4,710

Sponsor: US Small Business Administration (SBA)

Co-PI:

*Office of Small Business Development Centers Program Announcement - 2018
(Clemson) - 21250-ZL85* 109,586

Sponsor: US Small Business Administration (SBA)

Co-PI:

Enrollment Management

TRIO Programs

Counts, Althea

University of South Carolina Columbia Upward Bound Program - 21710-FL42 515,620

Sponsor: US Department of Education (USDE)

Co-PI:

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June, 2018 Awards

Law Enforcement & Safety

Environmental Health & Safety

Syfert, Tom

USC Lancaster Emergency Warning System - 67010-FQ04 2,791

Sponsor: SC Emergency Management Division/FEMA/DHS

Co-PI:

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

Sponsor: SC Department Emergency Management/FEMA/DHS

Co-PI:

Upstate Emergency Siren System - 67010-FQ08 108,255

Sponsor: SC Federal Emergency Management Agency/FEMA

Co-PI:

USC Sumter Emergency Siren - 67010-FQ09 46,807

Sponsor: SC Federal Emergency Management Agency/FEMA

Co-PI:

USC Aiken Emergency Siren - 67010-FQ10 64,548

Sponsor: SC Emergency Management Division

Co-PI:

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June, 2018 Awards

School of Law

Children's Law Center

Morris, Carolyn

DSS Contract: Children's Justice Act / Operation of Children's Law Center (Year 4) - 15810-FM05 32,167

Sponsor: S.C. Department of Social Services

Co-PI:

DSS Contract: Children's Justice Act / Support of Task Force (Year 4) - 15810-FM06 17,065

Sponsor: S.C. Department of Social Services

Co-PI:

DSS Projects Contract (Year 4) Court Liaison - 15810-FM07 325,771

Sponsor: South Carolina Department of Social Services (DSS)/HHS

Co-PI:

DSS Projects Contract (Year 4) Citizens Review Panel Support - 15810-FM08 11,926

Sponsor: South Carolina Department of Social Services (DSS)/HHS

Co-PI:

DJJ Contract: A Contract for Professional and Technical Services Between State Agencies - 15810-GJ01 60,300

Sponsor: South Carolina Department of Juvenile Justice

Co-PI:

South Carolina Senate Contract - 15810-GL22 84,350

Sponsor: South Carolina Senate

Co-PI:

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June, 2018 Awards

School of Medicine

Cell Biology & Anatomy

Azhar, Mohamad

Role of TGFbeta Ligands in Development and Progression of Aneurysm - 18020-KA41 77,000

Sponsor: American Heart Association

Co-PI:

Potts, Jay

Modeling Interactive Biomaterial Effects on Self-organizing Tissues - 18020-GA04 60,000

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

Co-PI:

Spinale, Francis

Surgery to Prevent Postinfarction Ventricular Remodeling - Subcontract - 18020-FB39 25,000

Sponsor: Trustees of the University of Pennsylvania/NIH

Co-PI:

VA IPA-Lisa Freeburg - 18020-FB67 14,248

Sponsor: William Jennings Bryan Dorn VA Medical Center/VA

Co-PI:

Operation LimFlow : Venous System in the Foot (Cadaver Lab / Columbia, SC) - 18020-JJ00 24,300

Sponsor: LimFlow SA

Co-PI:

Family & Preventive Medicine

Bennett, Kevin

Evaluation of the Network Development Grant, Upper Midlands Rural Health Network - 18130-FA37 25,000

Sponsor: Upper Midlands Rural Health Network/HRSA

Co-PI:

Office of Research IT and Data Management Office

June, 2018 Awards

Genetics

Edwards, Janice

Genetic Services for Medically Needy and Underserved - 18210-GL09 34,695

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

Co-PI:

Internal Medicine

Albrecht, Helmut

Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE - 18190-FA12 10,955

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 1,919

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 3,597

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 6,989

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 2,666

Sponsor: Gilead Sciences, Inc.

Co-PI:

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June, 2018 Awards

Neurology

Cuturic, Miroslav

Enroll-HD: A Prospective Registry Study in Global Huntington's Disease Cohort - 18450-KA02 3,169

Sponsor: CHDI Foundation

Co-PI:

Mrelashvili, Davit

ESTEEM: A Multicenter, Global, Observational Study to Collect Information on Safety and to Document the Drug Utilization of Tecfidera (Dimethyl Fumarate) When Used in Routine Medical Practice in the Treatment of Multiple Sclerosis - 18450-JA14 5,575

Sponsor: Biogen Idec MA Inc.

Co-PI:

Office of Research IT and Data Management Office

June, 2018 Awards

Sen, Souvik

Periodontal treatment to Eliminate Minority Inequality and Rural disparities in Stroke (PREMIERS) - 18450-FA08 67,328

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

Co-PI:

A PHASE 1B/2, MULTICENTER, DOUBLE-BLIND (PRINCIPAL INVESTIGATORS AND STUDY SUBJECTS BLINDED, SPONSOR UNBLINDED), PLACEBO-CONTROLLED, RANDOMIZED, SINGLE-ASCENDING DOSE STUDY TO ASSESS THE SAFETY, PHARMACOKINETICS, AND PHARMACODYNAMICS OF DS-1040B IN SUBJECTS 124

Sponsor: Daiichi Sankyo Pharma Development, an unincorporated division of Daiichi 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. 15,410

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

Co-PI:

A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Efficacy and Safety of Lemborexant in Subjects with Irregular Sleep-Wake Rhythm Disorder and Mild to Moderate Alzheimer's Disease Dementia - 18450-KA03 9,156

Sponsor: Eisai, Inc.

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 125,000

Sponsor: SC Department of Health and Human Services/HHS

Co-PI:

Office of Research IT and Data Management Office

June, 2018 Awards

Path, Microbio. & Immunology

Testerman, Traci

Novel Animal Models for the Study of PMP Etiology and Treatment - 18060-KA26 25,000

Sponsor: National Organization for Rare Disorders (NORD)

Co-PI:

Pediatrics

Brown, David

"A Phase 2a, Randomized, Double-blind, Placebo-controlled, Incomplete Block Crossover Study to Evaluate the Safety and Efficacy of VX-371 Solution for Inhalation in Subjects with Primary Ciliary Dyskinesia" (Protocol No. PS-G202) - 18140-JA35 47,991

Sponsor: Parion Sciences, Inc.

Co-PI:

Knight, Lisa

POPS-Pharmacokinetics of Understudied Drugs Administered to Children per Standard of Care - 18140-FA27 5,000

Sponsor: Duke University/NIH

Co-PI:

Neuberg, Ronnie

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 400

Sponsor: Baxter Healthcare Corporation

Co-PI:

Rotholz, David

Transition Alliance of South Carolina - 18140-FM67 609,341

Sponsor: SC Department of Education/USDE

Co-PI:

IMPACT SC SELF-ADVOCACY INITIATIVES - 18140-FM68 41,447

Sponsor: SC Developmental Disabilities Council/HHS

Co-PI:

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June, 2018 Awards

Pharm., Physiology & Neurology

Barlow, Shayne

VA Contract VA268-16-C-0004 Swine Housing - 18260-FL02 14,994

Sponsor: Department of Veterans Affairs

Co-PI:

Contract for Attending Veterinarian Services for Dorn VA Medical Center - 18260-FL03 11,970

Sponsor: WJB Dorn VA Medical Center/VA

Co-PI:

Fadel, Jim

Hypocretin/orexin Modulation of Cognitive Correlates of Brain Aging - 18080-FA55 279,604

Sponsor: National Institutes of Health (NIH)

Co-PI: Kantor, Boris

Finnell, Julie

Protein Tyrosine Phosphatases as Critical Mediators of Stress Susceptibility - 18080-KA52 26,844

Sponsor: American Heart Association

Co-PI:

Frizzell, Norma

Protein Succination as a Mediator of Neuropathology in Mitochondrial Disease - 18080-FA54 215,669

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

Co-PI:

Mott, David

Muscarinic Modulation of the Basolateral Amygdala - 18080-FA51 44,306

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

Co-PI: McDonald, Alexander

**Office of Research
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June, 2018 Awards

School of Medicine (Grvl)

Medicine Greenville

Kennedy, Ann Blair

Engaging patients in diabetes-focused research to improve access, self-management, and service delivery - 16000-KA05 4,572

Sponsor: Greenville Health System/Trailhead Institute -PCORI

Co-PI:

University of SC Aiken

Aiken

Bryant, William

Exploring the Role of Ovary MicroRNAs in Mosquito Reproduction - 17110-FA71 205,500

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

Co-PI:

Harmon, Sarah

USC Aiken's Workforce Opportunities in Regional Careers (WORC) - 17110-FJ29 50,000

Sponsor: SRS Community Reuse Organization/DOE/NNSA

Co-PI: Jackson, William

Pirkle, William

Savannah River Environmental Sciences Field Station - 17110-FL53 53,340

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

Co-PI:

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June, 2018 Awards

University of SC Beaufort

Beaufort - Academic Affairs

Warren, David

Beaufort County Water Quality MOU - 17210-HL09 120,000

Sponsor: Beaufort County

Co-PI:

Town of Bluffton Water Quality MOU - 17210-HL12 25,000

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 263,874

Sponsor: US Department of Education (USDE)

Co-PI:

University of SC Salkehatchie

Salkehatchie

All, Jessica

WORC - 17660-FJ03 20,000

Sponsor: SRS Community Reuse Organization (SRSCRO)/DOE

Co-PI:

University of SC Upstate

Upstate

Blair, Selena

SSS - Opportunity Network 2015-20 - 17880-FL86 17,000

Sponsor: US Department of Education (USDE)

Co-PI:

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June, 2018 Awards

Bucher, Mary

Choose Well Campus Clinic - 17880-KJ12

30,000

Sponsor: SC Campaign to Prevent Teen Pregnancy/New Morning Foundation

Co-PI:

Merriweather, Helen

ACHIEVE Program 2018-19 - 17880-FJ58

93,375

Sponsor: Upstate Workforce Investment Act/DOL

Co-PI:

Vice President for Research

EPSCoR

Aziz, Nadim

FY18 GEAR and GEAR-CRP Awards - 22400-GA38

-120,000

Sponsor: SC EPSCoR/SC Commission on Higher Education

Co-PI:

Report Total:

\$23,227,749