January, 2018 Awards

Arts and Sciences, College of

Ante una colonico, conogo o	
Archaeology & Anthropology, SC Institute of Smith, Karen	0.4.000
Delineation and National Register Evaluation of Cultural Resources for the Adjutant General - 2018 - 21300-FB12	34,998
Sponsor: Adjutant General's Office/DOD Co-PI:	
Standardizing Archaeological Data Collection using the DAACS System, 2018 - 21300-FL20	25,000
Sponsor: Office of the Adjutant General/DOD Co-PI:	
On-Site Graduate Assistant for Cultural Resource Management at Mccrady Training Facility, 2018 - 21300-FP00	33,270
Sponsor: The Adjutant General (AG)/DOD Co-PI:	
Biological Sciences Mousseau, Timothy	
A Medium and Large Mammal Survey of the McCrady Training Center 2018 - 13010- FC61	60,000
Sponsor: South Carolina Military Department (SCMD)/DOD Co-PI:	
Chemistry & Biochemistry Adams, Richard	
Journal of Organometallic Chemistry - 13020-J401	12,000
Sponsor: Elsevier Science, Inc. Co-PI:	
Stefik, Morgan	400.074
CAREER: Tunable Isomorphic Architectures - 13020-FD06	106,674
Sponsor: National Science Foundation (NSF)	

January, 2018 Awards

Criminology & Criminal Justice, Department of Alpert, Geoffrey Chief Research Advisor to examine and develop effective researcher/practitioner partnerships in law enforcement 12200-FJ00 Sponsor: National Institute of Justice (NIJ)/ (DOJ) Co-PI:	25,100
Earth and Ocean Sciences Voulgaris, George NSF Intergovernmental Personnel Act (IPA) Assignment: Dr. George Voulgaris - 21610-FL00 Sponsor: National Science Foundation IPA program Co-PI:	198,408
Mathematics Wang, Hong Fractional PDEs for Conservation Laws and Beyond: Theory, Numerics and Applications - 21400-FA34 Sponsor: Brown University/ONR Co-PI:	93,222
Physics & Astronomy Ilieva, Yordanka DIRC-based PID for the EIC Central Detector - 13070-FB19 Sponsor: Brookhaven National Laboratory/DOE Co-PI:	43,452
Political Science Witko, Christopher Dwight David Eisenhower Transportation Fellowship Program Graduate Fellowship - Hazel Bridges - 13570-FP00	5,000

Sponsor: US Department of Transportation (DOT)

January, 2018 Awards

Psychology

Kenworthy, Tara

Psychology Student Advisory Board: A Clinical-Community and School Psychology

1,250

Collaborative - 13580-KL04

Sponsor: Society for Community Research and Action (SCRA)

Co-PI:

Public Service & Policy Research, Institute for

Oldendick, Robert

FLU2TXT - 21100-FA26 71,842

Sponsor: American Academy of Pediatrics/NIH

Co-PI

Sociology

Simpson, Brent

The Social Structural Foundations of Reputation, Cooperation and Prosocial 54,900

Behavior - 13530-FA28

Sponsor: Army Research Office (ARO)/DOD

Co-PI: Melamed, David

Statistics

Sims, Wilma

SC Observational Study Site Re-selection 2018 - 13080-FL17

6,984

Sponsor: SC Department of Public Safety (DPS)/NHTSA/DOT

Co-PI:

Education, College of

Educational Studies, Department of

Plotner, Tony

Project Connect - 15240-FL13 43,683

Sponsor: SC Developmental Disabilities Council/HHS

January, 2018 Awards

Instruction (& 7	Teacher	Education
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Jenkins, Toby

Project EEE: Explore, Engage, Educate (EEE): South Carolina African American

57,698

Studies Institute for School Teachers - 15250-GJ30

Sponsor: SC Department of Education (SCDE)

Co-PI:

Office of Program Evaluation

D'Amico, Leigh

School Improvement Grant (SIG) Evaluation Plan - 15290-FL33

98,268

38,934

Sponsor: SC Department of Education (SCDE)/USDE

Co-PI:

Engineering & Computing, College of

Chemical Engineering

Heyden, Andreas

Explore Innovative Chemistry of Natural Gas Conversion to DME (Dimethyl Ether) - 7,000 15510-FC76

Sponsor: Savannah River National Laboratory (SRNL)/DOE

Co-PI: Chen, Donna Chen, Fanglin

Jabbarzadeh, Ehsan

I-Corps: Therapeutic Composition of Natural Compounds for Wound Healing - 15510- 50,000 FD03

Sponsor: National Science foundation (NSF)

Co-PI:

Moss, Melissa

Subcontract: Determining the Mechanisms Governing Transmissibility among Amyloid-Beta Oligomers - 15510-FC73

Sponsor: University of Southern Mississippi/NIH

Mustain, William Transitioning Al@Zn Anodes from Successful Concept to Real Applications - 15510- JB33 Sponsor: Duracell	20,000
Co-PI:	
Weidner, John Improved Chemical Technology Development Methods (Bucket #6) Boeing Master Research Agreement 2015-4185 - Project Agreement 4 - 15510-JB19 Sponsor: The Boeing Company	72,853
Co-PI: Hattrick-Simpers, Jason Gadala-Maria, Francis	
Computer Science & Engineering Wang, Song Integrated Feature Detection and Tracking from Microscope Images of Composite Materials - 15590-FB34	23,375
Sponsor: Universal Technology Corporation (UTC)/ Air Force Research Laboratory (AFRL) Co-PI:	
Electrical Engineering BAE, Seongtae Development of Alkali Metals and Alkali Earth Metal Ions Doped -Fe2O3 Superparamagnetic Nanoparticles with Colossal Intrinsic Loss Power and Exceptionally High r2-relaxivity of MR Imaging for Caner "Nanotheranosis" - 15530-LA03	900,000
Sponsor: Neo Nanomedics Co. LtdKorea	
Co-PI:	
Dougal, Roger Electric Ship Research and Development (ESRDC FY17-21) - 15530-FB74 Sponsor: Florida State University/ONR Co-PI: Ginn, Herbert Benigni, Andrea Santi, Enrico Khan, Jamil	-5,000
Ginn, Herbert APEMS Control Performance - 15530-FB75 Sponsor: Florida State University/ONR	25,000
Co-PI:	

Khan, Asif High Efficiency Micro/Nano-pillar UVC Light Emitting Diodes - 15530-FB85 Sponsor: Army Research Office/DOD Co-PI:	90,000
IIT - Engineering Crichigno Benitez, Jorge Collaborative Research: Capacity Building: Building a Cybersecurity Pipeline through Experiential Virtual Labs and Workforce Alliances - 15560-FA00 Sponsor: National Science Foundation (NSF) Co-PI:	420,377
Mechanical Engineering 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 Sponsor: Universal Technology Corporation/DOD Co-PI:	20,000
Farouk, Tanvir Effect of External Thermo-Convective Perturbation on Cool Flame Dynamics: A Multidimensional Multi-Physics CFD Analysis - 15540-FD35 Sponsor: National Aeronautics & Space Administration (NASA) Co-PI:	15,000
Giurgiutiu, Victor Non-Destructive Evaluation, Boeing Bucket #3 BRT-W0915-0005 - Project Agreement 5 - 15540-JA84 Sponsor: The Boeing Company Co-PI: Banerjee, Sourav Yu, Lingyu Ziehl, Paul	50,000
Gurdal, Zafer Design Methodologies and Concepts for Future Composite Structures (Bucket 1) Boeing Master Research Agreement 2015-4185 (Project Agreement 2) - 15540-JA81 Sponsor: The Boeing Company Co-PI: Harik, Ramy	19,394

January, 2018 Awards

Huang, Kevin

Identification of Active Surface Species on Molten Carbonates with in situ Raman

95,000

Spectroscopy - 15540-JA95

Sponsor: ExxonMobil

Co-PI:

Huang, Xinyu

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

180,000

Sponsor: General Atomics/DOE

Co-PI:

Khan, Jamil

Electric Ship Research and Development (ESRDC FY17-21) - 15540-FD70

5,000

Sponsor: Florida State University/ONR

Co-PI:

Li, Chen

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

26,332

Sponsor: Office of Naval Research/DOD

Co-PI: Tong, Yan

Reynolds, Anthony

Development and Verification of WAAM - 15540-FD39

60,289

Sponsor: Savannah River Nuclear Solutions (SRNS)/DOE

Co-PI:

Law, School of

Children's Law Center

Morris, Carolyn

Capacity Building Center for the Courts - 15810-FM04

65,856

Sponsor: National Council of Juvenile and Family Court Judges/HHS

January, 2018 Awards

Law, School of

Suski, Emily

Carolina Health Advocacy Medicolegal PartnerShip (CHAMPS) - 15800-KL31

65,000

Sponsor: Children's Hospital Administrative Medical Committee

Co-PI:

Medicine, School of

Cell Biology & Anatomy

Cui, Taixing

Identification of CYLD as a Novel Mediator of Diabetic Cardiomyopathy

114,999

- 18020-KA40

Sponsor: American Diabetes Association (ADA)

Internal Medicine	
Albrecht, Helmut	
A Long-Term Follow-up Study to Evaluate the Durability of Virologic Response and/or Viral Resistance Patterns of Subjects With Chronic Hepatitis C Who Have Been Previously Treated with MK-5172 in a Prior Clinical Trial - 18190-JA79	2,500
Sponsor: MERCK SHARP & DOHME CORP. 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	1,025
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	1,926
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	6,482
Sponsor: Gilead Sciences, Inc.	
Co-PI:	
Hucks, Jennifer	
A Phase 4, Open-label Treatment, Randomized, Multicenter, 2-arm, Parallel-group, Pilot Study of Adherence to Lumacaftor/Ivacaftor in CF Subjects Homozygous for F508del-CFTR Mutation (Protocol No. VX15-809-114) - 18190-JA96	552
Sponsor: Vertex Pharmaceuticals Inc. Co-PI:	

Newsome, Brandi	
A post-authorization Safety (PAS) Observational Cohort Study to Quantify the Incidence and Comparative Safety of Selected Cardiovascular and Cerebrovascular Events in COPD Patients Using Inhaled UMEC/VI Combination or Inhaled UMEC versus Tiotropium (Study	465
Sponsor: Outcomes Sciences, LLC/Glaxo Smith Kline Co-PI:	
Weissman, Sharon	
Housing Opportunities for Persons with AIDS (HOPWA) - 18190-FM43	261,613
Sponsor: City of Columbia/HuD Co-PI:	
Perinatal HIV Prevention: CLEAR: Choosing Life: Empowerment, Action, Results - 18190-FM44	86,000
Sponsor: SC Department of Health and Environmental Control (DHEC)/CDC Co-PI:	
Yates-Wilson, Beverly	
FoodShare Columbia - 18190-KL13	34,000
Sponsor: Palmetto Health Office of Community Health Co-PI: Draper, Carrie	
Neurology Androulakis, X. Michelle	
Long Term Outcome and Management of Headache Patients Treated with Sphenopalatine Ganglion Block: A Registry and fMRI Study - 18450-JA13	69,353
Sponsor: Tian Medical Co-PI:	
Mrelashvili, Davit	
JCV Antibody Program in Patients with Relapsing Multiple Sclerosis Receiving or Considering Treatment with Tysabri - STRATIFY 2 - 18450-JA07	1,500
Sponsor: Biogen Idec Inc.	
Co-PI: Sen, Souvik Selph, James Hwang, Te-Long	

Sen, Souvik	
PeRiodontal treatment to Eliminate Minority InEquality and Rural disparities in Stroke (PREMIERS) - 18450-FA08	593,396
Sponsor: National Institute on Minority Health & Health Disparities (NIMHD)/NIH Co-PI:	
AZT: A PHASE II SAFETY AND EFFICACY STUDY OF ALZT-OP1A AS ADJUVANT TREATMENT IN SUBJECTS WITH POST-ISCHEMIC STROKE COGNITIVE IMPAIRMENT (PSCI) - 18450-JA21	2,000
Sponsor: AZTherapies, Inc.	
Co-PI:	
Neuropsychiatry Narasimhan, Meera	
Engaging Patients with Mental Disorders from Emergency Departments into Outpatient Care: A Comparative Effectiveness Workforce Study - 18120-KA04	499,902
Sponsor: Emory University/PCORI Co-PI:	
Pathology, Microbiology and Immunology Nagarkatti, Mitzi	
AhR Ligands in Epigenetic Dysregulation of T Cells - 18060-FB39	333,750
Sponsor: National Institute of Allergy & Infectious Diseases (NIAID)/NIH Co-PI:	
Sougiannis, Alexander	
Enhancing the Efficacy of 5 Fluorouracil using Emodin as a Complementary Therapeutic - 18060-FB44	35,437
Sponsor: National Center for Complementary & Intergrative Health (NCIH)/NIH Co-PI:	
Pediatrics Brown, III, 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	552
Sponsor: Parion Sciences, Inc. Co-PI:	

January, 2018 Awards

Neuberg, Ronn	ıe
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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

950

Sponsor: Baxter Healthcare Corporation

Co-PI:

Rotholz, David

2018 Assistive Technology Expo - 18140-FJ53

5,000

Sponsor: South Carolina Developmental Disabilities Council/HHS

Co-PI:

South Carolina Assistive Technology Program - 18140-FM65

97,885

Sponsor: Administration for Community Living/(HHS)

Co-PI:

Pharmacology, Physiology & Neuroscience

Wood, Susan

Cytokines in Monoaminergic Nuclei Regulating Susceptibility to a Depressive- and Cardiovascular Disease-like Phenotype - 18080-KA49

77,000

Sponsor: American Heart Association

Co-PI: Wilson, Lee

Nursing, College of

Nursing

Burgess, Stephanie

Choose Well Initiative - 11200-KA23

92,976

Sponsor: Private Foundation

Co-PI:

Dail, Robin

Following real time central and peripheral temperature in VLBW preterm infants for negative temperature differential in relationship to clinical context over the first 4 weeks of life - 11200-JA00 143,320

Sponsor: GE Healthcare

Hughes, Ronda	
Excellence in Nursing Consortium - 11200-LL01	20,000
Sponsor: Various Hospitals and/or Health Care Organizations. Co-PI:	
McDonnell, Karen	
Dyad-based Multiple Behavior Intervention for Reducing Lung Cancer Symptoms - 11200-KA26	727,000
Sponsor: American Cancer Society Co-PI:	
McKinney, Selina	
Telemental Health Connect (TeleCon): Expanding Collaboration and Comprehensive Service Penetration - 11200-KJ05	175,000
Sponsor: USC Educational Foundation/The Duke Endowment Co-PI:	
Messias, DeAnne	
ENLACE: A Promotora-Led Physical Activity Intervention Trial for Latinas in Texas - 11200-FA27	23,431
Sponsor: University of Texas Health Sciences Center San Antonio/NIH Co-PI:	
Pharmacy, SC College of	
Drug Discovery and Biomedical Sciences Fang, Jing	
Center for Targeted Therapeutics - Project 1 - (Year 4) - 11160-FA25	-128,188
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
Sahin, Ozgur	
Overcoming in vivo resistance to chemotherapy in triple-negative breast cancer - 11160-FA28	128,188
Sponsor: National Institue of General Medical Sciences (NIGMS)/NIH Co-PI:	

January, 2018 Awards

Provost, Office of the

Provost, Office of the

Austermiller, Steven

Rule of Law Certificate Program - 61000-FA10 169,981

Sponsor: Chemonics International, Inc./USAID

Co-PI:

Public Health, Arnold School of

Environmental Health Sciences

Chatterjee, Saurabh

Microbial Dysbiosis and Systemic Inflammation in Gulf War Illness - 11510-FB88 26,895

Sponsor: Boston University/DOD

Co-PI:

Epidemiology & Biostatistics

Hardin, James

PeRiodontal treatment to Eliminate Minority InEquality and Rural disparities in Stroke (PREMIERS) - 11520-FB52 12,565

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

Co-PI:

Liese, Angela

SEARCH Nutrition Ancillary Study 2 (SNAS2) - 11520-FB64 2,700

Sponsor: The University of North Carolina, Chapel Hill/NIH

Co-PI:

McDermott, Suzanne

Elsevier Editorial contract - 11520-JL01 27,000

Sponsor: Elsevier, Inc.

Exercise Science Fritz, Stacy	
Contract to provide Physical Therapy Clinical Services at Proaxis - 11530-JA14	8,450
Sponsor: ATI Physical Therapy	
Co-PI:	
The NExT (Neurological Exercise Training) Step in Promoting Healthy Lifestyles after Stroke - 11530-LL02	10,000
Sponsor: South Carolina American Physical Therapy Association (SCAPTA) Co-PI:	
Pate, Russ	
Physical Activity, Sedentary Behavior and Weight Status in Early Childhood - 11530- FB29	-125,806
Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH Co-PI:	
The TEDDY Study - 2018 Continuation - 11530-FB30	61,571
Sponsor: University of South Florida/NIH	
Co-PI:	
Health Promotion, Education & Behavior Conserve, Donaldson	
K99/R00 Grant Transfer Application: Acceptability and Feasibility of Unsupervised HIV Self-Testing Among Networks ofMen in Tanzania - 11540-FJ16	4,914
Sponsor: National Institute of Mental Health (NIMH)/NIH 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	222,364
Sponsor: SC Department of Health and Human Services/HHS	
Co-PI: Pearson, Joseph Lee Spencer, Sharon	

Frongillo, Edward	
SNV Rwanda - 11540-KA53	14,018
Sponsor: International Food Policy Research Institute Co-PI:	
Alive & Thrive Gen 2 Secondary Data Analyses - 11540-KA67	198,834
Sponsor: FHI360/Bill & Melinda Gates Foundation Co-PI:	
Macauda, Mark	
Evaluation Services for The Mary Black Foundation's Healthy Families Initiative Year 2 Implementation- Jan 1, 2018-Dec 31,2018 - 11580-KA18	34,901
Sponsor: Mary Black Foundation Co-PI:	
Health Services Policy and Management Khan, Mahmud	
MAXWELL STAMP PLC: Contract for the Supply of Consultant Services - 11550- LL13	5,249
Sponsor: Maxwell Stamp PLC Co-PI:	
Public Health, Arnold School of - Dean Draper, Carrie	
DSS SNAP - ED SC Department of Social Services/USDA - Yr 4 - 11540-FA88	516,145
Sponsor: SC Department of Social Services/USDA Co-PI:	
Kenison, Kelli	
Evaluation of Eat Smart Move More SC's Let's Go 3.0 - 11580-KL11	45,123
Sponsor: Eat Smart Move More SC/BCBS Foundation Co-PI:	
Pack, Maya	
Health Workforce Initiative - 11500-KA21	90,000
Sponsor: USC Educational Foundation/The Duke Endowment Co-PI:	

January, 2018 Awards

Smithwick, Julie

Hispanic Folic Acid Project 2018 - 11500-KL63

30,000

Sponsor: Greenwood Genetic Center

Co-PI:

Young, Michael

PASOs and Children's Trust Partnership MIEC-HV Contract 2017-2018 - 11500-FL57

90,000

Sponsor: Children's Trust of South Carolina/HHS

Co-PI:

Research, Vice President for

EPSCoR

Aziz, Nadim

SC EPSCoR/IDeA FY14 Appropriation - 22400-GA29

-80

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

Co-PI:

FY16 SC EPSCoR Appropriation - 22400-GA32

221,755

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

Co-PI:

FY16 SC EPSCoR Appropriation - Clemson NASA Match - 22400-GA35

100,000

Sponsor: SC EPSCoR/SC Commission on Higher Education

Co-PI:

Social Work, College of

Social Work, College of

Andrews, Christina

Addiction Treatment in Medicaid Health Homes - 15900-FA57

138,757

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

Co-PI: Brooks, John Probst, Janice

Flynn, Cynthia	
USC/DSS Purchase of Social Work Training for DSS Staff and Agents - Child Welfare Quality Assurance - 15900-FA69	2,297,518
Sponsor: SC Department of Social Services (DSS)/HHS Co-PI:	
USC/DSS Purchase of Social Work Training for DSS Staff and Agents - National Youth In Transition Survey - 15900-FA70	175,600
Sponsor: SC Department of Social Services (DSS)/HHS Co-PI:	
USC/DSS Purchase of Social Work Training for DSS Staff and Agents- Other Evaluation Assistance - 15900-FA71	376,302
Sponsor: SC Department of Social Services (DSS)/HHS Co-PI:	
USC/DSS Purchase of Social Work Training for DSS Staff and Agents - Child Welfare Instructional Services - 15900-FJ89	2,444,139
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	1,208,293
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	869,001
Sponsor: SC Department of Social Services (DSS)/HHS Co-PI:	
Hock, Robert	
Innovative Service Design in Behavioral Health Organizations Training - 15900-FJ92	130,532
Sponsor: SC Department of Health and Human Services/HHS Co-PI:	

January, 2018 Awards

USC Beaufort

USC Beaufort - Academic Affairs

Canada, Brian

Website development and maintenance for the Heritage Library Foundation - 17210-

KL09

Sponsor: Heritage Library Foundation

Co-PI:

Dudas, Kimberly

Preparing 21st Century Nurses: Integrating Technology to Teach Population Health 52,250 across the Curriculum - 17210-KJ02

Sponsor: Community Foundation of the Lowcountry

Co-PI:

Olivetti, Keri

Bluffton Ambassador Program - 17210-HL13 30,000

Sponsor: Town of Bluffton

Co-PI:

USC Salkehatchie

USC Salkehatchie

All, Jessica

WORC - 17660-FJ03 160,000

Sponsor: SRS Community Reuse Organization (SRSCRO)/DOE

Co-PI:

Report Total: \$16,278,144