

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

**August, 2014 Awards**

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**Arts and Sciences, College of**

***Archaeology & Anthropology, SC Institute of***

**Rice, Nena**

*South Carolina Archaeology Month Poster 2014 - 21300-FA86* -1,584

**Sponsor:** SC Department of Archives and History/NPS/DOI

**Co-PI:**

**Smith, Karen**

*Online Guide to South Carolina Pottery - 21300-GL04* 4,143

**Sponsor:** SC Department of Archives and History

**Co-PI:**

***Arts and Sciences - (Dean)***

**Berger, Franklin**

*Center For Colon Cancer Research - Administrative Core - 13130-FA61* 270,323

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

**Co-PI:** Price, Robert Pena, Maria Pena, Edsel Reisman, David

***Baruch Institute***

**Allen, Wendy**

*The North Inlet-Winyah Bay National Estuarine Research Reserve - 21600-FC32* 593,000

**Sponsor:** National Oceanic and Atmospheric Administration (NOAA) Estuarine Reserves Division

**Co-PI:**

**Greenfield, Dianne**

*Development and Validation of a Novel Molecular Tool to Rapidly Detect and Quantify Harmful Algal Bloom (HAB) Species Linked with Fish Kills and Public Health - 21600-FC31* 15,763

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

**Co-PI:** Jones, William

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**Morris, James**

*The PIE-LTER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic of Coastal Landscapes and Estuarine Seascapes. - 21600-FC13* 68,174

**Sponsor:** Marine Biological Labs/NSF

**Co-PI:**

*Clonal Aging and the Molecular Basis for Sudden Marsh Dieback - 21600-FC30* 12,662

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

**Co-PI:** Dudycha, Jeffrey

*Sea-level rise and coastal sustainability: A cross-site comparison of non-linearity in salt marsh persistence and feasible social adaptations - 21600-FC34* 27,887

**Sponsor:** Marine Biological Laboratory (MBL)/NSF

**Co-PI:**

**Smith, Erik**

*Hydrology and Pollutant Removal Performance in Detention Ponds Typical of the Lower Coastal Plain of South Carolina - 21600-FC28* 24,513

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

**Co-PI:**

*Spatial Variability in Carbon Storage Within and Across Wetland Ecosystems of the National Estuarine Research Reserve System (NERRS): A Comparison of Methodologies and Study Regions - 21600-KA79* 19,607

**Sponsor:** Commission For Environmental Cooperation/Wells NERRS

**Co-PI:**

**Biological Sciences**

**Berger, Franklin**

*Center For Colon Cancer Research - Pilot Projects - 13130-FA66* 362,500

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

**Co-PI:** Price, Robert Pena, Maria Pena, Edsel Reisman, David

**Boggs, Carol**

*NSF Graduate Fellowship: Rachel Stewart - 13010-FC35* 22,000

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

**Co-PI:**

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**Helmuth, Brian**  
*Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB98* 65,424  
**Sponsor:** National Aeronautics & Space Administration (NASA)  
**Co-PI:**

**Hughes, Austin**  
*NSF Graduate Fellowship (Chase Nelson) - 13010-FC26* 22,000  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Nelson, Chase

**Lovell, Charles**  
*Vibrio Parahaemolyticus Virulence and Its Magnification in the Eastern Oyster, Crassostrea Virginica - 21600-FC29* 25,508  
**Sponsor:** SC Sea Grant Consortium/NOAA/DOC  
**Co-PI:**

**Pena, Maria**  
*Stromal Modulation of Response to Thymidylate Synthase Inhibitors - 13010-FC21* 256,018  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:** Pena, Edsel

*Center For Colon Cancer Research - Mouse Experimental Core - 13130-FA65* 127,750  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:**

**Reisman, David**  
*Center For Colon Cancer Research - Tissue Biorepository Core - 13130-FA64* 84,975  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:**

**Rykaczewski, Ryan**  
*Collaborative Research: Climate Change and Upwelling -- Comparative Analysis of Current & Future Responses of the California and Benguela Ecosystems - 13010-FC37* 149,946  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:**

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**Tufford, Daniel**

*Coordinator for the Gills Creek Watershed Association - 10060-KL05* 17,250

**Sponsor:** Gills Creek Watershed Association

**Co-PI:**

*Indicators and Indices of Drought in Southeastern Coastal Ecosystems - 21600-FC27* 67,657

**Sponsor:** National Oceanic and Atmospheric Administration (NOAA)

**Co-PI:**

**Vance, Vicki**

*A Chemopreventive Strategy Based on Edible MicroRNAs Produced in Plants - 13010-FC36* 72,500

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

**Co-PI:** Pena, Maria

**Wethey, David**

*Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93* 301,887

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

**Co-PI:** Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman

**Chemistry & Biochemistry**

**Benicewicz, Brian**

*Solution Polymerization Studies of PBI Polymers - 13020-JA20* 150,000

**Sponsor:** PBI Performance Products, Inc.

**Co-PI:**

**Karthikeyan, Mythreye**

*Center for Targeted Therapeutics - Project 2 - 13020-FC45* 167,010

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

**Co-PI:**

**Murphy, Catherine**

*Journal of Physical Chemistry Editorship - 13020-KL00* 8,412

**Sponsor:** American Chemical Society

**Co-PI:**

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**zur Loye, Hans-Conrad**

*Neutron Scattering Research Network for EPSCoR States - 13020-FC25* 20,000

**Sponsor:** University of Tennessee/DOE

**Co-PI:**

**Earth and Ocean Sciences**

**Benitez-Nelson, Claudia**

*Collaborative Research: Isotopic Insights to Mercury in Marine Food Webs and How it Varies with Ocean Biogeochemistry - 13040-FC24* 362,164

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

**Co-PI:**

*Collaborative Research: Isotopic Insights to Mercury in Marine Food Webs and How it Varies with Ocean Biogeochemistry - 13050-FA00* -362,164

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

**Co-PI:**

**Lakshmi, Venkataraman**

*Physiological Impacts of Climate Change Using Remote Sensing - 13040-FB95* 45,681

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

**Co-PI:**

*Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature - 13040-FC01* 137,071

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

**Co-PI:**

*Determination of Available Water Capacity for the Mekong River Basin using model, satellite and ground observations - 13040-FC26* 7,500

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

**Co-PI:**

**Moore, Willard**

*Collaborative Research: US GEOTRACES Pacific Zonal Transect: Rates of Supply, Removal and Internal Cycling of Trace Elements and Isotopes - 13040-FC06* 29,747

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

**Co-PI:**

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**Voulgaris, George**

*Southeast Coastal Ocean Observing Regional Association (SECOORA): A Framework for Monitoring, Prediction and Assessment to Support Decision - Makers Needs for Coastal and Ocean Data and Tools: Maintain and Operate IOOS/SECOORA Priority* 110,383

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

**Co-PI:**

**Geography**

**Cutter, Susan**

*E2E Project: Identifying and Analyzing the Driving Forces of Hurricane Recovery for Disaster Stricken Areas to Improve Long-term Planning - 13540-FB08* 40,000

**Sponsor:** UNC Chapel Hill/DHS

**Co-PI:** Emrich, Christopher

**Mathematics**

**Binev, Peter**

*ATD Collaborative Research: Theory and Algorithms for High Dimensional Learning - 21400-FA17* 83,816

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

**Co-PI:** Ebalunode, Jerry Dahmen, Wolfgang

**Yang, Xiaofeng**

*Phase-field Models, Algorithms and Simulations for Multiphase Complex Fluids - 21400-FA26* 100,000

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

**Co-PI:**

**Philosophy**

**Khushf, George**

*Center for Bioethics - 21150-LA00* 27,787

**Sponsor:** USC School of Medicine Educ. Trust/PHA

**Co-PI:**

**Physics & Astronomy**

**Myhrer, Fred**

*Theoretical Studies of Hadronic and Nuclear Dynamics - 13070-FB04* 36,428

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

**Co-PI:**

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**Strauch, Steffen**

*Collaborative Research: Equipment for and Running of the PSI MUSE Experiment - 13070-FL03* 65,000

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

**Co-PI:** Ilieva, Yordanka Gothe, Ralf

**Psychology**

**Escorcia, Jessica**

*GA: Marjorie Grefer, Kathleen Franke, Debra Reisinger - 13580-LP29* 39,173

**Sponsor:** Pine Grove, Inc.

**Co-PI:** Hills, Kimberly

**Ferreira, Fernanda**

*Processing of Repair Disfluencies in Spoken Language - 13580-FB26* 100,000

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

**Co-PI:**

**Prinz, Ron**

*Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training - 13580-FJ07* -34,317

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

**Co-PI:**

*Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training - 13580-FJ08* 34,317

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

**Co-PI:**

**Public Service & Policy Research, Institute for**

**Oldendick, Robert**

*WSS Survey in South Carolina - 21100-KA08* 37,640

**Sponsor:** Urban Institute/Ford Foundation

**Co-PI:**

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**Sociology**

**Melamed, David**

*Status, Faction Sizes and Social Influence: Testing Two Competing Mechanisms - 13530-FA26* 144,540

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

**Co-PI:**

**Statistics**

**Pena, Edsel**

*Stromal Modulation of Response to Thymidylate Synthase Inhibitors - 13080-FB47* 25,904

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

**Co-PI:**

*Center For Colon Cancer Research - Biometry Core - 13130-FA63* 38,899

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

**Co-PI:**

**Business, Moore School of**

**Business, Moore School of - Division of Research**

**Von Nessen, Joseph**

*S.C. Military Base Task Force: Economic Impact of Military Community on South Carolina - 21200-GA27* 55,000

**Sponsor:** SC Department of Commerce

**Co-PI:**

*SC State Housing Finance and Development Authority - Economic Impact Analysis - 21200-GA28* 44,000

**Sponsor:** SC State Housing Finance and Development Authority

**Co-PI:**

*Columbia Metropolitan Airport: Economic Impact Analysis - 21200-JA29* 24,000

**Sponsor:** Columbia Metropolitan Airport (CAE)

**Co-PI:**



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**Education, College of**

**Education**

**Watson, Lemuel**

*SC Middle Grades Initiative, 2014-2015 - 15200-GL05* 75,000

**Sponsor:** SC General Assembly

**Co-PI:** Holmes, Baron

*Contract Course-College Revenue - 15200-LX00* 2,700

**Sponsor:** Various Sources

**Co-PI:**

**Educational Studies, Department of**

**Drasgow, Erik**

*OEO: Contract Courses Revenue - 15240-LX00* 4,675

**Sponsor:** Various Sponsors

**Co-PI:**

**Instruction & Teacher Education**

**Spence, Lucy**

*2014-15 SEED Professional Development in a High-Need School - 15250-FL54* 20,000

**Sponsor:** National Writing Project Corporation/USDE

**Co-PI:**

**Virtue, David**

*OEO: Contract Courses - Revenue - 15250-LX00* 10,625

**Sponsor:** Various Sponsors

**Co-PI:**

**Yow, Jan**

*Developing Master Teachers through the South Carolina Science and Mathematics  
Teacher Leaders (SC-SMTL) program - 15250-FL53* 2,732,048

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

**Co-PI:** Ely, Berten Lotter, Christine Dickey, Ed Irvin, Matthew

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**Office of Program Evaluation**

**D'Amico, Leigh**

*Developing Master Teachers through the South Carolina Science and Mathematics  
Teacher Leaders (SC-SMTL) program - 15290-FL28* 258,251

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

**Co-PI:**

*Learning Bridge Evaluation Plan - 15290-KA06* 34,180

**Sponsor:** Richland County Public Library/United Way of the Midlands

**Co-PI:**

**Engineering & Computing, College of**

**Chemical Engineering**

**Monnier, John**

*Fundamental Studies of Bimetallic Fuel Cell Catalysts - 15510-JB08* 90,002

**Sponsor:** Toyota Motor Engineering & Manufacturing North America, Inc.

**Co-PI:**

**Moss, Melissa**

*South Carolina IDeA Networks of Biomedical Research Excellence (INBRE)(Year 5 of  
5) - 15510-FC44* 24,660

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

**Co-PI:**

**Regalbuto, John**

*Fundamental Studies of Bimetallic Fuel Cell Catalysts - 15510-JB07* -90,002

**Sponsor:** Toyota Motor Engineering & Manufacturing North America, Inc.

**Co-PI:**

**Ritter, James**

*Hybrid PSA-Distillation Process Analysis - 15510-LA00* 25,000

**Sponsor:** University of Texas at Austin

**Co-PI:**

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**Uline, Mark**

*South Carolina IDeA Networks of Biomedical Research Excellence (INBRE) (Year 5 of 5) - 15510-FC45* 51,470

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

**Co-PI:**

**Zhou, Xiao-Dong**

*University-Industry Partnership to Develop Reliable, Robust, and Active SOFC Cells and Stacks - 15510-FC43* 490,000

**Sponsor:** National Energy Technology Laboratory (NETL)/DOE

**Co-PI:**

**Civil & Environmental Engineering**

**Caicedo, Juan**

*NSF Graduate Research Fellowship: Benjamin Davis - 15520-FB16* 22,000

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

**Co-PI:** Davis, Benjamin

*Fall Recognition using Environmental Sensors - 15520-KA24* 40,541

**Sponsor:** Palmetto Health/Alzheimer's Association

**Co-PI:** Ziehl, Paul Shin, Yong-June Huhns, Michael

**Computer Science & Engineering**

**Nelakuditi, Srihari**

*NeTS: Small: Collaborative: Infrastructure Mobility - 15590-FB07* 43,414

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

**Co-PI:**

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**Electrical Engineering**

**Dougal, Roger**

*Collaborative Research: I/UCRC on Grid-Connected Advanced Power Electronic Systems (GRAPES), Phase II - 15530-FB60* 45,000

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

**Co-PI:** Santi, Enrico Ginn, Herbert Brice, Charles Benigni, Andrea

*GRAPES Industry University Collaborative Research Center - (Administration Account) - 15530-JA23* 2,000

**Sponsor:** Various Sponsors

**Co-PI:**

*GRAPES Industry University Collaborative Research Center - Transient Stability Improvements in Wind Farms using Power Electronics and FACTS Devices (GR-13-02) - 15530-JA36* 30,000

**Sponsor:** Various Sponsors

**Co-PI:**

**Matolak, David**

*Power-Efficient Reconfigurable Wireless Network-on-Chip (NoC) Interconnects for Future Many-core Architectures - 15530-FB35* 8,000

**Sponsor:** Ohio University/NSF

**Co-PI:**

**Mechanical Engineering**

**Huang, Kevin**

*Robust and Corrosion Resistant Coatings and Numerical Simulations for Solar Thermal Systems - 15540-FC74* 4,931

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

**Co-PI:** Reifsnider, Kenneth

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**Kidane, Addis**

*Quantifying Multi-Scale Response of Engineered and Energetic Materials during Aggressive Conditions - 15540-FC71* 119,376

**Sponsor:** Air Force Office of Scientific Research (AFOSR)/DOD

**Co-PI:**

*On the Failure of PMDI Foams Subjected to Shock Loading - 15540-FC73* 20,000

**Sponsor:** Sandia National Laboratory/DOE

**Co-PI:**

**Majumdar, Prasun**

*Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability - 15540-FC36* 250,000

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

**Co-PI:** Yang, Jinkyu Reifsnider, Kenneth Sutton, Michael

**Reynolds, Anthony**

*FSP I/UCRC Operation Account - 15540-JA21* 43,750

**Sponsor:** Various Sponsors

**Co-PI:**

**Shazly, Tarek**

*South Carolina IDeA Networks of Biomedical Research Excellence (INBRE) (Year 5 of 5) - 15540-FC72* 34,250

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

**Co-PI:**

**Tarbutton, Joshua**

*Electrode Impedance Characterization - 15540-JA73* 5,000

**Sponsor:** Rythmlink International, LLC

**Co-PI:**

**Xue, Xingjian**

*Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells - 15540-FC52* 250,000

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

**Co-PI:**

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**Enrollment Management**

***TRIO Programs***

**Beasley, Paul**

*Ronald E. McNair Post Baccalaureate Achievement Program - 21710-FL39*

233,722

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

**Co-PI:**

**Hospitality, Retail & Sport Management, College of**

***Hotel, Restaurant & Tourism Administration***

**DiPietro, Robin**

*Sustainability in Foodservice: 2014-2015 - 14050-JA06*

10,000

**Sponsor:** Sodexo, Inc.

**Co-PI:**

**Law, School of**

***Children's Law Center***

**Holmes, Baron**

*SC Middle Grades Initiative, 2014-2015 - 15810-GL14*

-75,000

**Sponsor:** SC General Assembly

**Co-PI:**

**Medicine, School of**

***Cell Biology & Anatomy***

**Carver, Wayne**

*South Carolina IDeA Networks of Biomedical Research Excellence (INBRE)BMEN  
(Year 5 of 5) - 18020-FB30*

-110,380

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

**Co-PI:**

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**Hartstone-Rose, Adam**

*Collaborative Research: Skeletal Muscle Constraint on Relative Brain Size - 18020-FB31* 33,550

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

**Co-PI:**

**Price, Robert**

*Center For Colon Cancer Research - Biotechnology Core - 13130-FA62* 127,750

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

**Co-PI:**

**Family & Preventive Medicine**

**Mayeaux, Edward (E.J)**

*Palmetto Health Affiliation - 18130-K401* 70,614

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust) - 18130-K402* 10,090

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Internal Medicine**

**Ahuja, Divya**

*South Carolina AETC Telehealth Training Center - 18190-FJ31* 167,552

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

**Co-PI:** Albrecht, Helmut Sutton, Scott

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**Albrecht, Helmut**

*HOPWA Case Management, Mental Health and Substance Abuse Services in the Columbia EMSA - 18190-FM17* 460,150

**Sponsor:** City of Columbia/HUD

**Co-PI:** Connors, Kristen Raley, Nancy

*Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth and Their Families (CSWICY) - Women's Clinic (Scope of Work items #1-14) - 18190-FM18* 311,903

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

**Co-PI:** Raley, Nancy

*A Phase 3, Randomized, Double-Blind, Study to Evaluate the Safety and Efficacy of Elvitegravir/ Emtricitabine/Tenofovir Disoproxil Fumarate/GS-9350 Versus Ritonavir-Boosted Atazanavir Plus Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Infected, Ant* 582

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*A Phase 2, Randomized, Double-Blinded Study of the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/GS-7340 Single Tablet Regimen Versus Elvitegravir/Cobicistat/ Emtricitabine/Tenofovir Disoproxil Fumarate Single Tablet Regimen in HIV-1 Infect* 3,096

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*A Phase 3, Open Label Study to Evaluate Switching from a TDF Containing Combination Regimen to a TAF Containing Combination Single Tablet Regimen (STR) in Virologically Suppressed, HIV 1 Positive Subjects - 18190-JA77* 17,646

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth and Their Families (CSWICY) - Women's Clinic (Scope of Work Item #15) - 18190-LL00* 35,000

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

**Co-PI:** Raley, Nancy



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<b>Chillag, Shawn</b>	
<i>Palmetto Health Affiliation - 18190-K401</i>	240,677
<b>Sponsor:</b> Palmetto Health Alliance	
<b>Co-PI:</b>	
<i>Palmetto Health Affiliation (Educ. Trust) - 18190-K402</i>	9,973
<b>Sponsor:</b> Palmetto Health Alliance	
<b>Co-PI:</b>	
<b>Dever-Bumba, Maureen</b>	
<i>Palmetto State Geriatric Education Center Year 5 (Not a new proposal) - 18190-FJ33</i>	452,103
<b>Sponsor:</b> Health Resources & Services Administration (HRSA)/HHS	
<b>Co-PI:</b> Hirth, Victor	
<b>Hoppmann, Richard</b>	
<i>Palmetto Health Affiliation - 18100-K401</i>	2,575
<b>Sponsor:</b> Palmetto Health Alliance	
<b>Co-PI:</b>	
<i>Palmetto Health Affiliation - 18260-K401</i>	28,075
<b>Sponsor:</b> Palmetto Health Alliance	
<b>Co-PI:</b>	
<b>Rizvi, Ali</b>	
<i>Systolic Blood Pressure Intervention Trial (SPRINT) - 18190-FA11</i>	12,002
<b>Sponsor:</b> Wake Forest University/NIH	
<b>Co-PI:</b> Sides, Andrew	
<i>LEADER--Liraglutide Effect and Action in Diabetes: Evaluation of cardiovascular outcome Results--A long-term, multi-centre, international, randomised double-blind, placebo-controlled trial to determine liraglutide effects on cardiovascular events (Trial I</i>	8,440
<b>Sponsor:</b> Novo Nordisk, Inc.	
<b>Co-PI:</b> Schenck, John	

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**Medicine, School of - (Graduate Program)**

**Knight, Lisa**

*Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes - 18140-FA14* 200

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

**Co-PI:**

**Neurology**

**Faber, Tom**

*A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury ("Synapse") - 18450-JA04* 1,600

**Sponsor:** BHR Pharma, LLC

**Co-PI:**

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<b>Sen, Souvik</b>	
<i>Platelet-Oriented Inhibition in New TIA - 18450-FA01</i>	3,900
<b>Sponsor:</b> EMMES Corp./NIH	
<b>Co-PI:</b>	
<i>Insulin Resistance Intervention after Stroke (IRIS) Trial - 18450-FA02</i>	771
<b>Sponsor:</b> Yale University/NIH	
<b>Co-PI:</b> Selph, James Mrelashvili, Davit Hwang, Te-Long	
<i>South Carolina Collaborative Alliance for Stroke Trials- (SC-CoAST)- USC Subaward - 18450-FA07</i>	42,403
<b>Sponsor:</b> Medical University of South Carolina (MUSC)/NIH	
<b>Co-PI:</b>	
<i>A Double-Blind, Randomized, Placebo-Controlled Phase 2 Safety and Efficacy Trial of MultiStem in Adults with Ischemic Stroke - 18450-JA03</i>	12,236
<b>Sponsor:</b> Athersys, Inc.	
<b>Co-PI:</b>	
<i>A Multicenter, Randomized, Double Blind, Sham Control, Parallel Arm Trial to Assess Safety and Effectiveness of the Ischemic Stroke System ISS, as an Adjunct to Standard of Care in Subjects with Acute Ischemic Stroke - 18450-JA05</i>	410
<b>Sponsor:</b> BrainsGate Ltd.	
<b>Co-PI:</b>	
<i>Lundbeck Study No. 12649A, Randomised, Double-Blind, Parallel-Group, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Desmoteplase in Acute Ischemic Stroke (DIAS-4) - 18450-JA06</i>	185
<b>Sponsor:</b> Lundbeck	
<b>Co-PI:</b>	
<i>Palmetto Health Affiliation - 18450-K401</i>	24,405
<b>Sponsor:</b> Palmetto Health Alliance	
<b>Co-PI:</b>	

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**Neuropsychiatry**

**Narasimhan, Meera**

*A Multicenter Validation Study of the Tablet Based Brief Assessment of Cognition (BAC) - 18120-JA20* 1,000

**Sponsor:** NeuroCog Trials

**Co-PI:**

*Palmetto Health Affiliation - 18120-K401* 81,936

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Srinivasan, Shilpa**

*Screening, Brief Intervention, and Referral to Treatment (SBIRT) Medical Professional Training Program - 18120-FJ03* 314,013

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

**Co-PI:**

**Thornhill, Joshua**

*Department of Health and Human Services Grant for a Branch Medical Campus of the SOM in Florence, SC - 18000-FJ01* 1,115,000

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

**Co-PI:** Taylor, R. Caughman

**Obstetrics & Gynecology**

**Burgis, Judith**

*Palmetto Health Affiliation - 18110-K401* 101,817

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

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**Orthopaedic Surgery**

**Walsh, John**

*Palmetto Health Affiliation - 18160-K401*

71,824

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust) - 18160-K402*

10,079

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Pathology, Microbiology and Immunology**

**Nagarkatti, Mitzi**

*Role of Natural Indoles in Experimental Autoimmune Encephalomyelitis - 18060-FA92*

386,787

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

**Co-PI:** Nagarkatti, Prakash

**Nagarkatti, Prakash**

*EPSCoR Support - Revenue Account - 22400-LA00*

10,834

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

**Co-PI:**

**Pediatrics**

**Brown, Daniel**

*Cystic Fibrosis Found Grant 14-15 - 18140-KA13*

41,865

**Sponsor:** Cystic Fibrosis Foundation

**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*

2,044

**Sponsor:** Baxter Healthcare Corporation

**Co-PI:**

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**Rotholz, David**

*Expansion of the Transition Alliance of South Carolina (TASC) - 18140-FJ37*

132,550

**Sponsor:** SC Developmental Disabilities Council/HHS

**Co-PI:**

**Taylor, R. Caughman**

*Palmetto Health Affiliation - 18140-K401*

65,270

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust) - 18140-K403*

8,182

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Pharmacology, Physiology & Neuroscience**

**Frizzell, Norma**

*Detection of S-(2-succino)cysteine (2SC) as a Biomarker of Mitochondrial Disease - 18080-FA33*

66,582

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

**Co-PI:**

*Center for Targeted Therapeutics - Project 3 - 18080-FA47*

219,750

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

**Co-PI:**

**Radiology**

**Howe, Duncan**

*University of South Carolina School of Medicine Access Improvement / Rural Outreach Initiatives In partnership with South Carolina Office of Rural Health (HHS 1599) - 18000-FL06*

410,376

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

**Co-PI:**

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**Surgery**

**Nottingham, James**

*Palmetto Health Affiliation - 18200-K401*

73,952

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust) - 18200-K402*

10,028

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Pharmacy, SC College of**

**Palmetto Poison Center**

**Michels, Jill**

*South Carolina Poison Center Support and Enhancement Project - 11140-FL19*

258,670

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

**Co-PI:**

*SC DHEC Bioterrorism Project - 11140-FL24*

123,000

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

**Co-PI:**

**Pharmaceutical and Biomedical Sciences**

**Creek, Kim**

*A Genetic Model for Early-Onset Breast and Colon Cancer in African Americans - 11110-FA68*

53,074

**Sponsor:** University of Alabama/NIH

**Co-PI:**

**McInnes, Campbell**

*Non-ATP Competitive Inhibitors of Cyclin Dependent Kinases as Cancer Therapeutics - 11110-FA69*

20,000

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

**Co-PI:**

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**Pittman, Douglas**

*Ubiquitin-mediated Regulation of the RAD51D Homologous Recombination Protein - 11110-FA67* 275,326

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

**Co-PI:** Frizzell, Norma Broude, Eugenia

**Roninson, Igor**

*Center for Targeted Therapeutics (Admin Core) - 11160-FA00* -386,760

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

**Co-PI:**

**Public Health, Arnold School of**

***Communication Sciences & Disorders***

**Adlof, Suzanne**

*Word Learning in Reading and Language Impairment Subgroups - 11560-FA18* 146,045

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

**Co-PI:**

**Fridriksson, Julius**

*Transcranial Direct Current Stimulation to Treat Aphasia: Phase II Trial - 11560-FA15* 14,570

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

**Co-PI:** Rorden, Christopher Sen, Souvik

***Environmental Health Sciences***

**Porter, Dwayne**

*Continuing Support of the NERR Centralized Data Management Office - 21600-FC33* 370,000

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

**Co-PI:**



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***Epidemiology & Biostatistics***

**Hebert, James**

*South Carolina Cancer Disparities Community Network - II (Yr 5) Research Core - 11500-FA56* 45,000

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network - II (Yr 5)Admin Core - 11500-FA57* 126,958

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network - II (Yr 5) Outreach Core - 11500-FA58* 108,379

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network - II (Yr 5) Training Core - 11500-FA59* 57,366

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

**Co-PI:**

*SCCDCN II: Research Supplement to Promote Diversity in Health Related Research (Deeonna Farr) - 11500-FA60* 48,420

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

**Co-PI:** Brandt, Heather Farr, Deeonna

*Administrative Supplement to Expand NCI- Supported Community Outreach Capacity Through Community Health Educators (CHE's) of the National Outreach Network (NON) - 11500-FA61* 65,632

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

**Co-PI:** Brandt, Heather

**Merchant, Anwar**

*SEARCH for Diabetes in Youth, Phase 3, Year 5 - USC - 11590-FA68* 20,000

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

**Co-PI:**

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**Exercise Science**

**Carson, James**

*Cachexia in ApcMin/+ mice: The role of IL-6 - 11530-FB02* 49,815

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

**Co-PI:** Murphy, Elizabeth Pena, Maria

**Pate, Russ**

*Physical Activity During the Transition from Elementary School to Middle School - 11530-FA84* -55,377

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

**Co-PI:** Addy, Cheryl Forthofer, Melinda Saunders, Ruth Porter, Dwayne

*Physical Activity During the Transition from Elementary School to High School - 11530-FA95* 55,377

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

**Co-PI:** Addy, Cheryl Saunders, Ruth Porter, Dwayne Youngstedt, Shawn

**Ross, Sharon**

*A Promotora-mediated, Family-based Intervention to Prevent Obesity in Latino Preschool Children - 11530-FA99* -208,812

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

**Co-PI:** Pate, Russ Torres, Myriam Saunders, Ruth Dowda, Marsha

**West, Delia**

*Internet Assisted Obesity Treatment: Enhanced by Motivational Interviewing - 11530-FA91* 246,823

**Sponsor:** University of Vermont/NIH

**Co-PI:**

**Wilcox, Sara**

*Promoting Healthy Weight in Pregnancy and Postpartum among Overweight/Obese Women - 11570-FB19* 554,890

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

**Co-PI:** Liu, Jihong

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**Health Promotion, Education & Behavior**

**Cassady, Ann**

*GA: Lindsay Robertston - 11540-HP35*

10,598

**Sponsor:** Lexington County Recreation & Aging Commission

**Co-PI:** Watkins, Ken

**Jones, Sonya**

*COPASCities: Childhood Obesity Prevention in SC Communities - 11590-FA60*

350,000

**Sponsor:** United States Department of Agriculture and Food Research (USDA)

**Co-PI:**

**Kaczynski, Andrew**

*Charleston County Parks and Recreation Commission Physical Activity Programs Matrix - 11570-JA02*

11,000

**Sponsor:** MoveITsc, LLC

**Co-PI:**

**Thrasher, James**

*Cinema Smoking and Youth Smoking in Latin America - 11590-FA56*

50,000

**Sponsor:** Trustees of Dartmouth College/NIH

**Co-PI:**

**Health Services Policy and Management**

**Gillam, Pamela**

*SF 2015 and 2016 QI/QA Contract - 11550-FA51*

146,781

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

**Co-PI:**

*DHHS Statewide Business Process Redesign Implementation - 11550-FL26*

5,176,070

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

**Co-PI:**

*SC Work Support Strategies(WSS) Year 3 Implementation Grant - 11550-KL18*

825,163

**Sponsor:** SC Department of Health and Human Services/Ford Foundation

**Co-PI:**

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**Hale, Nathan**

*Children's Trust Support for Expectant and Parenting Teens, Women, Fathers and their Families (PAF) Program Evaluation - 11550-FL24*

114,425

**Sponsor:** The Children's Trust of South Carolina/HHS

**Co-PI:** Martin, Amy

**Nieri, Debbie**

*PRTF Evaluation and Wraparound Implementation - 11550-FA38*

29,080

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

**Co-PI:**

**Probst, Janice**

*South Carolina Community Paramedicine Blueprint: Bridging the Gaps - Abbeville Area Medical Center and SCRHRC - 11550-KL19*

25,000

**Sponsor:** Abbeville Area Medical Center/Duke Endowment

**Co-PI:** Bennett, Kevin

**Wigfall, Lisa**

*HPV-Mediated Cancer mHealth Prevention Education for Women Living with HIV Pilot Study - 11550-FJ01*

142,272

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

**Co-PI:**

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**Xirasagar, Sudha**

*GA: Dustin Hoang - 11550-LU06*

3,200

**Sponsor:** Palmetto Health

**Co-PI:**

*GA: Brennan Bogner - 11550-LU07*

3,000

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

**Co-PI:**

*GA: Beilman, Rogers, Maurice Mitchell, Fleming, Jenkins, DiStefano, Gallagher, Kitchings, Evans, Hinesley, Erin Mitchell, Rolfe - 11550-LU08*

40,000

**Sponsor:** Sisters of Charity Providence Hospitals

**Co-PI:**

*GA: Alexander Zelisko - 11550-LU09*

5,000

**Sponsor:** Palmetto Health Administration

**Co-PI:**

**Public Health, Arnold School of - Dean**

**Smithwick, Julie**

*Reach Out and Read and PASOs Collaboration - 11500-KL32*

40,000

**Sponsor:** Reach Out and Read, Inc.

**Co-PI:** Willms, Lucy

**Research, Vice President for**

**EPSCoR**

**Little, Scott**

*South Carolina EPSCoR/IDeA FY 14/15 State Appropriation - 22400-GA31*

639,666

**Sponsor:** SC Commission on Higher Education (CHE)

**Co-PI:**

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**Social Work, College of**

***Families in Society, Institute for***

**Lopez-DeFede, Ana**

*Data Translation and Interpretation, Evaluation, Research and Technical Assistance  
SC Medicaid Program - 10010-FA54*

2,534,918

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

**Co-PI:** Mayfield-Smith, Kathy

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**Social Work, College of**

**Reitmeier, Melissa**

GA: Gough, Jones, Kobold, Neal-Johnson, Staley, Forbes - 15900-GP28 14,478

**Sponsor:** SC Department of Corrections

**Co-PI:**

GA: Stockton and Raye - 15900-KT21 4,826

**Sponsor:** The Lydia Project

**Co-PI:**

GA: Michelle Thome-Kaufman - 15900-KT22 2,413

**Sponsor:** Operation Home, Inc.

**Co-PI:**

GA: Kimle Gibson - 15900-KT23 2,413

**Sponsor:** Ronald McDonald House Charities of Augusta

**Co-PI:**

GA: Najaah Pearson - 15900-KT24 2,413

**Sponsor:** Family Promise of Augusta

**Co-PI:**

GA: Paula Brown - 15900-KT25 2,413

**Sponsor:** Action Ministries Housing Augusta

**Co-PI:**

GA: Shanna Barcroft - 15900-KT26 2,400

**Sponsor:** Augusta Warrior Project

**Co-PI:**

GA: Christopher Scott - 15900-KT27 2,413

**Sponsor:** Macedonia Church of Grovetown

**Co-PI:**

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GA: Genevieve Kruly - 15900-KT28	2,413
<b>Sponsor:</b> Protection & Advocacy (P&A)	
<b>Co-PI:</b>	
GA: Sabrina Plummer - 15900-KT29	1,600
<b>Sponsor:</b> City Year Columbia	
<b>Co-PI:</b>	
GA: Miya Buford - 15900-LP79	2,400
<b>Sponsor:</b> Access Family Services, Inc.	
<b>Co-PI:</b>	
GA: Chelsea Pope - 15900-LP80	2,410
<b>Sponsor:</b> Franke at Seaside	
<b>Co-PI:</b>	
<b>Scheyett, Anna</b>	
SCDHHS A201511200A: Assessment & Recommendations of Existing & Needed Community-Based Treatment Team Services for Individuals with Severe Mental Illnesses & High Risk of Repeated Psychiatric Crises & Hospital Visits - 15900-FA46	45,733
<b>Sponsor:</b> SC Department of Health & Human Services/HHS	
<b>Co-PI:</b> Lachance, Kerry	
<b>USC Beaufort</b>	
<b>USC Beaufort - Academic Affairs</b>	
<b>Calvert, Charles</b>	
Vision for the Future: A Collaboration between USC Beaufort and the Town of Hilton Head Island - 17210-HL06	104,000
<b>Sponsor:</b> Town of Hilton Head Island	
<b>Co-PI:</b> Barth, Sean Olivetti, Keri	
<b>Kearney-Nunnery, Rose</b>	
White Coat Ceremony - 17210-KL07	3,000
<b>Sponsor:</b> American Association of Colleges of Nursing	
<b>Co-PI:</b>	



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**USC Beaufort - General**

**Morris, Brent**

*America's Reconstruction: The Untold Story - 17220-FL20* 199,157

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

**Co-PI:** Sullivan, Patricia Floyd, Minuette

**Upshaw, Jane**

*Financial Literacy Counts - 17220-KL21* 3,500

**Sponsor:** HigherOne

**Co-PI:**

**USC Upstate**

**USC Upstate**

**Blair, Selena**

*Student Support Services 2010-15 - 17880-FL78* 249,235

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

**Co-PI:**

*Student Support Services 2010-15 Grant-in-Aid - 17880-FL80* 32,275

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

**Co-PI:**

**Merriweather, Helen**

*ACHIEVE 2013-14 - 17880-FJ42* 4,615

**Sponsor:** Upstate WIA/DOL

**Co-PI:**

*ACHIEVE 2014-15 - 17880-FJ48* 50,000

**Sponsor:** Upstate Workforce Investment Act/DOL

**Co-PI:**

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**Report Total: \$26,923,560**