

**Office of Research  
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October, 2012 Awards

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**Arts and Sciences, College of**

**Archaeology & Anthropology, SC Institute of**

**Brooks, Mark**

*Cultural Resource Management on the SRS - 21300-F110*

214,000

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

**Co-PI:**

**Baruch Institute**

**Greenfield, Dianne**

*MERHAB 2009: Comparative Analysis of Quantitative Detection Methods for Enumeration of HAB Species: Applications for Resource Management - 21600-FB86*

94,525

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

**Co-PI:**

**Quattro, Joseph**

*Genetic Evaluation OF Population Bottlenecks in GAG (*Mycteroperca microlepis*) - 21600-FC12*

15,000

**Sponsor:** SCDNR/National Marine Fisheries/NOAA/DOC

**Co-PI:**

**Biological Sciences**

**Tufford, Daniel**

*Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park - 13010-FB75*

10,058

**Sponsor:** National Park Service/DOI

**Co-PI:**

**Chemistry & Biochemistry**

**Dawson, John**

*Editing: Journal of Inorganic Biochemistry - 13020-J400*

667

**Sponsor:** Elsevier Science, Inc.

**Co-PI:**

**Murphy, Catherine**

*Journal of Physical Chemistry Editorship - 13020-KL00*

4,124

**Sponsor:** American Chemical Society

**Co-PI:**

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**Tang, Chuanbing**

*Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism - 13020-FC20* -85,260

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

**Co-PI:** Decho, Alan Ebalunode, Jerry

**Vogt, Thomas**

*Novel Nanotechnology using Pressure-Induced Auxetic Materials - 22040-JA02* 52,672

**Sponsor:** Yonsei University/Korea Ministry of Education, Science and Technology (MEST)

**Co-PI:**

**Earth and Ocean Sciences**

**Voulgaris, George**

*Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring and Assessment Program to Support Decision-Makers Needs for Coastal and Ocean Data and Products - USC HF Radar - 13040-FC05* 104,286

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

**Co-PI:**

**Earth Sciences & Resources Institute**

**Kloot, Robin**

*Video Documentary on the South Carolina Farm to Fork Revolution - 24400-FA22* 69,970

**Sponsor:** Natural Resources Conservation Service/USDA

**Co-PI:**

*Technical Assistance to City Roots for Conservation Innovation Grants - 24400-FA23* 31,358

**Sponsor:** City Roots Inc./USDA

**Co-PI:**

**Geography**

**Ellis, Jean**

*REU Supplement- Collaborative Research: Small-Scale Variability in Aeolian Sand Transport - 13540-FB06* 5,500

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

**Co-PI:**

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**Kupfer, John**

*Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park - 13540-FA84* 40,253

**Sponsor:** National Park Service (NPS)/DOI

**Co-PI:** Carbone, Gregory Tufford, Daniel Meitzen, Kimberly

**History**

**Marsh, Allison**

*Goldman Sachs Fellowship - 13550-KA37* 20,000

**Sponsor:** Smithsonian Institution

**Co-PI:**

**Mathematics**

**Wang, Qi**

*Grants for Exploratory Academic Research (GEAR) - In Silico Analysis of Multicellular Aggregate Fusion Using Field and Agent-Based Models - 21400-FA19* 50,000

**Sponsor:** South Carolina EPSCoR/IDeA Program (GEAR)/NSF

**Co-PI:** Liu, Xinfeng Yang, Xiaofeng Sun, Yi

**McKissick Museum**

**Taylor, Saddler**

*Considerable Grace - Volume III - 34000-GA04* 4,200

**Sponsor:** SC Arts Commission

**Co-PI:**

**Naval Science**

**Gordon, William**

*NROTC Educational Instruction Calculus and Physics - 13560-FJ14* 3,000

**Sponsor:** US Navy/DOD

**Co-PI:**

**Philosophy**

**Khushf, George**

*Center for Bioethics - 21150-LA00* 29,687

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

**Co-PI:**

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**Physics & Astronomy**

**Gothe, Ralf**

*Assembly and Testing of the Forward Time-of-Flight Panel-1b For CLAS12 - 13070-FA99* 224,083

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

**Co-PI:**

**Rosenfeld, Carl**

*Support for Travel for Work on the MINOS Neutrino Time-of-Flight Measurement - 13070-KA22* 12,000

**Sponsor:** Universities Research Association, Inc.

**Co-PI:**

**Psychology**

**Booze, Rosemarie**

*HIV/Cocaine Neurotoxicity in Females - 13580-FB07* 10,000

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

**Co-PI:** Mactutus, Charles

**Mactutus, Charles**

*Maternal HIV: Developmental Neurotoxicity - 13580-FB05* 300,875

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

**Co-PI:** Booze, Rosemarie Harrod, Steven Aksenov, Michael

**Tonnsen, Bridgette**

*Progress Report: Predicting Autism through Behavioral and Biomarkers of Attention in Infants - 13580-FB06* 10,000

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

**Co-PI:**

**Business, Moore School of**

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

**McInnes, Melayne**

*Before the Lunch Line: Behavioral Economic Interventions for Pre-Commitment and for Teacher Modeling - 11590-FA55* 20,000

**Sponsor:** Cornell University/USDA

**Co-PI:**

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**Von Nessen, Joseph**

*South Carolina Bar - Economic Impact Analysis - 21200-KA36* 20,000

**Sponsor:** SC Bar Association

**Co-PI:**

*South Carolina Hospital Association: Economic Impact of Medicaid - 21200-KA37* 20,000

**Sponsor:** SC Hospital Association

**Co-PI:**

**Education, College of**

**Education**

**Field, Bruce**

*Teacher Cadet Program - 15200-G221* 817

**Sponsor:** SC Center for Teacher Recruitment

**Co-PI:**

**Instruction & Teacher Education**

**Boutte, Gloria**

*OEO: Contract Courses - Revenue - 15250-LX00* 13,000

**Sponsor:** Various Sponsors

**Co-PI:**

**Knopf, Herman**

*Building a Statewide System for Inclusion 2012-2013 - 15250-FJ49* 521,480

**Sponsor:** SC Department of Social Services/USDHHS

**Co-PI:**

**Thompson, Stephen**

*WA Perry Afterschool Program 2012-13 - 15250-FL45* 5,801

**Sponsor:** Richland County School District One/USDE

**Co-PI:**

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**Welsh, Kerrie**

*Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2012-13 - 15250-FJ48* 306,296

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

**Co-PI:** Baum, Angela

**Office of Program Evaluation**

**Dickenson, Tammiee**

*Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2012-13 - 15290-FJ09* 46,000

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

**Co-PI:**

*Evaluation of SC Gateways: From Cradle to Career - 15290-FL27* 5,926

**Sponsor:** SC Department of Education/USDE

**Co-PI:**

*Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2013) - 15290-GL47* 63,000

**Sponsor:** SC School Districts/SCDE

**Co-PI:**

**Engineering & Computing, College of**

**Chemical Engineering**

**Amiridis, Michael**

*Parametric Studies of BASF's Purification Catalysts - 15510-J145* 144,937

**Sponsor:** BASF Corporation

**Co-PI:**

*NSF EPSCoR Research Infrastructure Improvement (RII) - 61000-FA04* 658,243

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

**Co-PI:**

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**Lauterbach, Jochen**

*Development of High-Temperature Gas Sensing Materials - 15510-JB00*

334,666

**Sponsor:** Emerald Endeavors, Inc

**Co-PI:** Hattrick-Simpers, Jason Padak, Bihter

***Civil & Environmental Engineering***

**Goodall, Jonathan**

*DataNet Federation Consortium - 15520-FA92*

50,000

**Sponsor:** University of North Carolina -Chapel Hill/NSF

**Co-PI:**

**Matta, Fabio**

*Corrosion Assessment of Tubular Steel Poles - 15520-JA21*

93,696

**Sponsor:** Centre for Energy Advancement through Technological Innovation (CEATI)

**Co-PI:**

***Electrical Engineering***

**Ali, Mohammad**

*Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS) - 15530-FB32*

31,685

**Sponsor:** Universal Technology Corporation (UTC)/USAF

**Co-PI:**

**Koley, Goutam**

*Gas Detectors Based on Functionalized III-V Semiconductors - 15530-FB39*

30,188

**Sponsor:** SMI Inc./DOD

**Co-PI:**

**Matolak, David**

*Unmanned Aircraft Systems (UAS) Research: The AG Channel, Robust Waveforms, and Aeronautical Network Simulations - 15530-FB38*

32,000

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

**Co-PI:**

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**Shin, Yong-June**

*Ultrasonic Guided Wave Sensor for Gas Accumulation Detection in Nuclear  
Emergency Core Cooling Systems - 15530-FB13* -18,938

**Sponsor:** US Nuclear Regulatory Commission (NRC)

**Co-PI:** Yu, Lingyu

**Sudarshan, Tangali**

*Novel Defect Capped Planarization Assisted Growth (DC-PAG) Method to Eliminate  
Device Killing Defects in SiC Epitaxial Process (SBIR) - 15530-FB40* 25,000

**Sponsor:** Sinmat, Inc./Air Force

**Co-PI:**

***Mechanical Engineering***

**Yu, Lingyu**

*Ultrasonic Guided Wave Sensor for Gas Accumulation Detection in Nuclear  
Emergency Core Cooling Systems - 15540-FC27* 18,938

**Sponsor:** US Nuclear Regulatory Commission (NRC)

**Co-PI:**

**Enrollment Management**

***TRIO Programs***

**Butler, Issaia**

*USC Union Student Support Services - 17770-FL06* 246,050

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

**Co-PI:**

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

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

**Harrill, Richard**

*Development of a Comprehensive and Systematic Plan for Management, Branding,  
and Sustainability of South Carolina's Four National Byways - 14050-JA02* 60,000

**Sponsor:** SC National Heritage Corridor/Duke Energy

**Co-PI:** Brown, Matthew Li, Xiang (Robert) Nagel, Mark

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**Li, Xiang (Robert)**

*Examining Local Residents' Attitude toward the Development of Shanghai Disneyland Resort - 14050-JA03*

36,524

**Sponsor:** Shanghai International Theme Park Company Limited

**Co-PI:** Meng, Fang Harrill, Richard

***Integrated Information Technology***

**Schooley, Benjamin**

*Improving Emergency Medical Services with Information Technology: Field Test of CrashHelp in Idaho - 14070-FA00*

63,171

**Sponsor:** Claremont Graduate University/ Idaho Transportation Department/Federal Highway Administration

**Co-PI:**

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**Law, School of**

**Children's Law Center**

**Morris, Carolyn**

*Court Administration Training Grant - 15810-FJ10* 166,000

**Sponsor:** SC Court Administration/HHS

**Co-PI:**

*SC Department of Social Services (Child Welfare Training 2012-2013) Task Order One - 15810-FL35* 55,727

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

**Co-PI:**

*SC Department of Social Services (Child Support Enforcement Training 2012-2013) Task Order Two - 15810-FL37* 4,082

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

**Co-PI:**

*SC Department of Social Services (Training for External Legar Community and Special Projects 2012-2013) Task Order Three - 15810-FL38* 16,247

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

**Co-PI:**

*SC Department of Social Services (Child Abuse/Neglect Investigations 2012-2013) Task Order Five - 15810-FL39* 10,972

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

**Co-PI:**

*SC Department of Social Services (Operation of the Children's Law Center 2012-2013) Task Order Six - 15810-FL40* 40,417

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

**Co-PI:**

*SC Department of Social Services (Support of the South Carolina Children's Justice Act Task Force 2012-2013) Task Order Seven - 15810-FL41* 22,331

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

**Co-PI:**

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*Connecting Data Analysis to Research and Practice for Child Serving Agencies - 15810-FL42* 190,000

**Sponsor:** SC Department of Health and Human Services/USDHHS  
**Co-PI:**

*Court Administration Basic Grant - 15810-FL43* 180,000

**Sponsor:** SC Court Administration/HHS  
**Co-PI:**

**Mass Communications & Information Studies, College of**

***Journalism & Mass Communications, School of***  
**Covington, Randy**

*Municipal Association Training 2012 - 15600-KJ09* 1,500

**Sponsor:** SC Municipal Association  
**Co-PI:**

**Medicine, School of**

***Family & Preventive Medicine***

**Bertollo, Suzanne**

*Integrative Medicine to Advance Curricula in Preventive Medicine Residencies - 18130-FJ04* 148,964

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

**Hall, Jeffrey**

*Madaktari Global Health Fellowship Program - 18130-FJ03* 47,288

**Sponsor:** Madaktari Africa/USAMRAA  
**Co-PI:**

**McDermott, Suzanne**

*Methods to Detect Maternal Exposures and Child Outcomes - 18130-FA13* -139,549

**Sponsor:** National Institute of Environmental Health Sciences (NIEHS)/NIH  
**Co-PI:** Cai, Bo

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**Strayer, Scott**

*Palmetto Health Affiliation - 18130-K401* 105,888

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

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

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Internal Medicine**

**Albrecht, Helmut**

*Protocol GS-US-236-0102, A Phase 3, Randomized, Double-Blind, Study to Evaluate the Safety and Efficacy of Elvitegravir/ Emtricitabine/Tenofovir Disoproxil Fumarate/GS-9350 Versus Efavirenz/Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Infected, An* 5,820

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*Gilead GS-US-264-0110: A Phase 3B, Randomized, Open-Label Study the Safety and Efficacy of a Tablet Regimen of Emtricitabine/Rilpivirine/Tenofovir Disoproxil Fumarate Compared with a Single Tablet Regimen of Efavirenz/Emtricitabine/Tenofovir Disoproxil Fum* 4,955

**Sponsor:** Gilead Sciences, Inc.

**Co-PI:**

*Vertex Protocol VX11-950-115: An Open Label, Phase 3 Study of Telaprevir in Combination With Peginterferon Alfa 2a (Pegasys®) and Ribavirin (Copegus®) in Subjects Coinfected With Genotype 1 Hepatitis C Virus and Human Immunodeficiency Virus Type 1(HCV/H* 6,286

**Sponsor:** Vertex Pharmaceuticals Inc.

**Co-PI:**

*Community Viral Load Measures in South Carolina - 18190-JA71* 138,183

**Sponsor:** Gilead Pharmaceutical, Inc

**Co-PI:** Chakraborty, Hrishikesh

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**Chillag, Shawn**

*Palmetto Health Affiliation - 18190-K401* 240,200

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust) - 18190-K402* 9,973

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Hoppmann, Richard**

*Palmetto Health Affiliation - 18100-K401* 9,755

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation - 18260-K401* 26,849

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Parker, R David**

*Estonian Defence Community HIV/STI Education and Prevention Program - 18190-FA10* 300,000

**Sponsor:** Naval Health Research Center/DOD

**Co-PI:** Albrecht, Helmut

*Case Management, Mental Health and Substance Abuse Services for Persons with HIV in the Columbia EMSA - 18190-FM02* 446,305

**Sponsor:** City of Columbia/HUD

**Co-PI:** Albrecht, Helmut

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**Neurology**

**Sen, Souvik**

*A Double-Blind, Randomized, Placebo-Controlled Phase 2 Safety and Efficacy Trial of MultiStem in Adults with Ischemic Stroke - 18450-JA03* 914

**Sponsor:** Athersys, Inc.

**Co-PI:**

*Palmetto Health Affiliation - 18450-K401* 3,197

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Neuropsychiatry**

**Narasimhan, Meera**

*Southern Consortium Node of the Clinical Trials Network - Stimulant Reduction Intervention using Dosed Exercise (STRIDE) - 18120-FA06* 10,000

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

**Co-PI:**

*Palmetto Health Affiliation - 18120-K401* 77,980

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Obstetrics & Gynecology**

**Burgis, Judith**

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

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust) - 18110-K402* 8,171

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Greene, Jennifer**

*Vulvar Disorders Clinic at University Specialty Clinics - Obstetrics and Gynecology - 18110-KL02* 7,500

**Sponsor:** National Vulvodynia Association

**Co-PI:** Burgis, Judith

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**Ophthalmology**

**Cheeseman , Edward**

*Palmetto Health Affiliation - 18150-K401*

30,468

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Orthopaedic Surgery**

**Walsh, John**

*Palmetto Health Affiliation - 18160-K401*

71,322

**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, Prakash**

*Estrogen-T cell Interactions - 18060-FA75*

10,000

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

**Co-PI:** Nagarkatti, Mitzi

**Pediatrics**

**Brown, Daniel**

*A Phase 3, Open-Label, Randomized Trial To Evaluate The Safety And Efficacy Of Mp-376 Inhalation Solution (Aeroquin) Versus Tobramycin Inhalation Solution In Stable Cystic Fibrosis Patients - 18140-JA21*

8,253

**Sponsor:** MPEX Pharmaceuticals, Inc.

**Co-PI:** Brown, III, David

*A Phase 3, Multi-Center, Multinational, Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Efficacy And Safety Of Mp-376 (Levofloxacin Inhalation Solution; Aeroquin In Stable Cystic Fibrosis Patients - 18140-JA22*

5,044

**Sponsor:** Mpex Pharmaceuticals, Inc.

**Co-PI:** Brown, III, David

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<b>Ferrante, Richard</b> <i>Postsecondary Education Subcontract - 18140-FL97</i> <b>Sponsor:</b> College of Charleston/USDE <b>Co-PI:</b>	37,616
<b>Neuberg, Ronnie</b> <i>National Childhood Cancer Foundation - 18140-FA12</i> <b>Sponsor:</b> National Childhood Cancer Foundation/COG/NIH <b>Co-PI:</b>	72,599
<b>Rosa, Olga</b> <i>DHHS/SCCAMRS Administrative Contract FY12-13 - 18140-FM14</i> <b>Sponsor:</b> SC Dept of Health and Human Services (SCDHHS)/HHS <b>Co-PI:</b>	233,450
<b>Rye, Anna</b> <i>Outpatient Pediatric AIDS Clinic Services 12-13 - 18140-FM13</i> <b>Sponsor:</b> SC Department of Health & Human Services/HHS <b>Co-PI:</b>	105,570
<b>Taylor, R. Caughman</b> <i>Palmetto Health Affiliation - 18140-K401</i> <b>Sponsor:</b> Palmetto Health Alliance <b>Co-PI:</b>	63,193
 <i>Palmetto Health Affiliation (Educ. Trust) - 18140-K403</i> <b>Sponsor:</b> Palmetto Health Alliance <b>Co-PI:</b>	 8,182

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**Surgery**

**Nottingham, James**

*Palmetto Health Affiliation - 18200-K401*

77,285

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

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

10,028

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Nursing, College of**

**Nursing**

**Messias, DeAnne**

*Navegantes para Salud: Improving Healthcare Access and Utilization among  
Hispanic Women and Children - 11200-FA14*

100,000

**Sponsor:** Centers for Medicare & Medicaid Services/NIH/HHS

**Co-PI:**

*Subaward - ENLACE: A Promotora-Led Physical Activity Intervention Trial for Latinas  
in Texas - 11200-FA15*

20,579

**Sponsor:** University of Texas Health Sciences Center - San Antonio/NIH

**Co-PI:**

**Pharmacy, SC College of**

**Clinical Pharmacy and Outcomes Sciences**

**Schulz, Richard**

*Development of a Community-based, South Carolina Geriatric Outreach Program -  
11150-KA20*

208,000

**Sponsor:** The Fullerton Foundation, Inc.

**Co-PI:**

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**Palmetto Poison Center**

Michels, Jill

SC DHEC Bioterrorism Project - 11140-FL20 173,468

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

**Co-PI:**

SC DHEC Environmental Public Health Tracking Project - 11140-FL21 20,000

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

**Co-PI:**

**Pharmaceutical and Biomedical Sciences**

Roninson, Igor

CDK3-Inhibiting Anticancer Agents - 11110-FA50 86,817

**Sponsor:** Senex Biotechnology, Inc./NCI/NIH

**Co-PI:**

**Pharmacy - (Dean)**

Bennett, Charles

Supporting Outstanding Academic Research Seed Grants at USC (SOAR-USC) -  
11100-KA00 360,000

**Sponsor:** American Cancer Society (ACS)

**Co-PI:**

**Public Health, Arnold School of**

**Communication Sciences & Disorders**

Frank, Elaine

Project CREATE for Speech Language Pathologists - 11560-FJ26 7,689

**Sponsor:** SC Department of Education/USDE

**Co-PI:**

**Environmental Health Sciences**

Aelion, C. Marjorie

Methods to Detect Maternal Exposures and Child Outcomes - 11510-FB34 139,549

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

**Co-PI:**

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**Decho, Alan**

*Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism - 11510-FB47* 76,559

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

**Co-PI:**

**Porter, Dwayne**

*Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring And Assessment Program To Support Decision-Makers Needs For Coastal And Ocean Data And Products - Water Quality Advisory Modeling - 11510-FB45* 38,844

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

**Co-PI:**

*Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring And Assessment Program To Support Decision-Makers Needs For Coastal And Ocean Data And Products - Data Management and Communications - 11510-FB46* 182,386

**Sponsor:** NOAA via SECOORA

**Co-PI:**

***Epidemiology & Biostatistics***

**Cai, Bo**

*Robust Nonparametric Methods with Variable Selection for Clustered Dental Data - 11520-FB09* 8,292

**Sponsor:** University of Minnesota/NIH

**Co-PI:**

**Cornman, Carol**

*Dementia Dialogues for Alzheimer's Disease Supportive Services Program: Innovation Programs to Better Service People with Alzheimer's Disease and Related Disorders - 11520-FJ04* 13,754

**Sponsor:** SC Office of the Lieutenant Governor-Office on Aging/HHS

**Co-PI:**

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**Hardin, James**

*Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers -  
11520-FB19*

9,582

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

**Co-PI:**

**Hazlett, Linda**

*GA: Joseph Current - 11520-GA02*

9,360

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

**Co-PI:**

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**Hebert, James**

*Feasibility of a Multicenter Obesity Reduction Community Trial in Region 2 - 11500-FA24* 14,276

**Sponsor:** Meharry Medical College /NCI

**Co-PI:**

*South Carolina Cancer Disparities Community Network-II (YR3)Admin Core - 11500-FA31* 40,230

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network-II (YR3)Research Core - 11500-FA32* 97,902

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network-II (YR3)Community Outreach Core - 11500-FA33* 129,054

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network-II (YR3)Training Core - 11500-FA34* 22,996

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

**Co-PI:**

*South Carolina Cancer Disparities Community Network-II (YR3)Pilot Project - 11500-FA35* 2,842

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

**Co-PI:**

*South Carolina Cancer Disparities Network-II (PrCa Supplement) - 11500-FA37* 49,999

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

**Co-PI:**

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<b>Liu, Jihong</b> <i>IPA with HRSA - Visiting Health Scientist - 11520-FB18</i> <b>Sponsor:</b> Maternal and Child Health Bureau/HRSA <b>Co-PI:</b>	43,876
<b>Merchant, Anwar</b> <i>Periodontal Microorganisms and Markers of Cardiovascular Disease in Youth - 11590-KA07</i> <b>Sponsor:</b> American Diabetes Association (ADA) <b>Co-PI:</b>	121,287
<b>Exercise Science</b>	
<b>Pate, Russ</b> <i>Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute - 11530-FA68</i> <b>Sponsor:</b> Battelle/NIH <b>Co-PI:</b> Frongillo, Edward	58,958
<i>Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute (Task 1 - Scientific Leadership and Project Management) - 11530-FA75</i> <b>Sponsor:</b> Battelle/NIH <b>Co-PI:</b> Frongillo, Edward	78,573
<i>Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute (Task 6 - Training and QA/QC Oversight) - 11530-FA76</i> <b>Sponsor:</b> Battelle/NIH <b>Co-PI:</b> Frongillo, Edward	31,837
<i>Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute (Task 8 - Analysis &amp; Dissemination) - 11530-FA77</i> <b>Sponsor:</b> Battelle/NIH <b>Co-PI:</b> Frongillo, Edward	18,733
<i>Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute (Task 2 -Protocol Development) - 11530-FA82</i> <b>Sponsor:</b> Battelle/NIH <b>Co-PI:</b> McKeown, Robert Frongillo, Edward	33,321

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**Youngstedt, Shawn**

*Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers - 11530-FA72* -9,582

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

**Co-PI:** Hardin, James Ginsberg, J

**Health Promotion, Education & Behavior**

**Annang, Lucy**

*Assessment of Health Services Needs Pre- and Post-Disaster in Rural SC - 11540-FA45* 9,498

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

**Co-PI:** Wilson, Sacoby Svendsen, Erik Martin, Amy Ball, Julia

**Blake, Christine**

*Junior Doctors of Health - DOD - 11590-FA49* 26,000

**Sponsor:** Medical University of South Carolina/DOD

**Co-PI:**

**Cassady, Ann**

*GA: Cleoflins R. Mulligan - 11540-GP27* 11,440

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

**Co-PI:** Watkins, Ken

*GA: Ryan Falck - 11540-HP31* 1,820

**Sponsor:** Lexington County LCRAC

**Co-PI:** Watkins, Ken

**Frongillo, Edward**

*Comparative Effectiveness of Group Prenatal Care on Women's Food Insecurity and Psychosocial Health - 11540-FA50* 17,292

**Sponsor:** Mississippi State University/USDA

**Co-PI:**

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**Health Services Policy and Management**

**Martin, Amy**

*Contract Between South Carolina Department of Health and Environmental Control, Bureau of Maternal and Child Health and the University of South Carolina.* 15,000  
*Contract No. MC-09-009 - 11550-FL11*

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

**Co-PI:**

*Health Information Exchange (HIE) Cooperative Agreement - 11550-GL04* 192,000

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

**Co-PI:**

**Williams, Amanda**

*GA: Punam Patel - 11550-JR27* 2,400

**Sponsor:** Lutheran Homes of SC

**Co-PI:**

*GA: Jamiko Cooper - 11550-JR28* 2,000

**Sponsor:** Lutheran Homes of South Carolina

**Co-PI:**

*GA: Audra Lake - 11550-JR29* 2,400

**Sponsor:** Lutheran Homes of SC

**Co-PI:**

*GA: Kirk Broome - 11550-JR30* 2,000

**Sponsor:** Lutheran Homes of SC

**Co-PI:**

*GA: Ryan McNair - 11550-JR31* 2,000

**Sponsor:** Lutheran Homes of SC

**Co-PI:**

*GA: Sara Montgomery - 11550-LT04* 1,280

**Sponsor:** Lexington Medical Center

**Co-PI:**

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

**Pearson, Joseph**

*Health Policy Certificate Seed Funding - 11500-KA12* 30,000

**Sponsor:** Sisters of Charity Foundation of SC

**Co-PI:**

**Smithwick, Julie**

*PASOs for Parents 2012-2013 - 11500-FL33* 55,785

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

**Co-PI:**

*The Puentes (Bridges) Project: Reproductive Health and Latinos in South Carolina  
(Stage Two Proposal)(Year 2 Funding) - 11500-KL11* -15,421

**Sponsor:** Robert Wood Johnson Foundation

**Co-PI:** Billings, Deborah

*The Puentes Project: Improving Reproductive Health among Latinos in South Carolina  
(Year 3 funding) - 11500-KL15* 15,420

**Sponsor:** Robert Wood Johnson Foundation

**Co-PI:** Billings, Deborah

*The Puentes (Bridges) Project: Reproductive Health and Latinos in South Carolina  
(Stage Two Proposal)- Revenue account for 11500-KL15. - 11500-LL05* 10,000

**Sponsor:** Robert Wood Johnson Foundation

**Co-PI:** Billings, Deborah

**Social Work, College of**

**Social Work, College of**

**Leith, Katherine**

*Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-  
Management Education (CDSME) Programs 2012-2015 - 15900-FL44* 4,235

**Sponsor:** Lieutenant Governor's Office on Aging/HHS

**Co-PI:**

*ACT-Like Fidelity Monitoring and Enhancement 2012-2012 - 15900-GL23* 6,084

**Sponsor:** SC Department of Mental Health

**Co-PI:**

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**Student Affairs, Division of**

***Student Health***

**Johnston, Jessica**

*Healthy SC Initiative - 71000-FL07*

2,000

**Sponsor:** Eat Smart Move More Richland County/CDC

**Co-PI:** Beck, Deborah

***Student Life***

**Edwards, Anna**

*Palmetto Initiative for Campus/Community Collaboratives - 46300-FL36*

10,314

**Sponsor:** South Carolina Department of Alcohol and Other Drug Abuse Services  
(DAODAS)/DOJ

**Co-PI:**

**University Libraries**

***University Libraries***

**Boyd, Kate**

*South Carolina Digital Library: Ongoing Initiative 2012-13 - 30000-FL09*

25,000

**Sponsor:** S.C. State Library/IMLS/NEH

**Co-PI:**

**University Technology Services**

***University Technology Services***

**Ebalunode, Jerry**

*Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism -  
65200-FA02*

8,701

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

**Co-PI:**

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**USC Aiken**

**USC Aiken**

**Ball, Julia**

*Assessment of Health Services Needs Pre- and Post-Disaster in Rural SC - 17110-FA35* -9,498

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

**Co-PI:**

**Millies, Steven**

*Palmetto Connections Symposium 2012: "A Land Called Chicora" - 17110-FA46* 500

**Sponsor:** SC Humanities Council/NEH

**Co-PI:**

**USC Beaufort**

**USC Beaufort - General**

**Upshaw, Jane**

*Computational Science at the University of South Carolina Beaufort - 17220-FA12* 75,000

**Sponsor:** EPSCoR/NSF

**Co-PI:** Ji, Yiming

**USC Lancaster**

**USC Lancaster**

**Bailey, Thelathia**

*Student Support Services (SSS) - 17550-FL21* 246,309

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

**Co-PI:**

*Student Support Services (SSS) - GRANT-IN-AID - 17550-FL22* 10,500

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

**Co-PI:**

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**Criswell, Stephen**

*South Carolina Native American Arts and Culture Series - 17550-GL06*

1,000

**Sponsor:** South Carolina Arts Commission

**Co-PI:**

**USC Salkehatchie**

**USC Salkehatchie**

**Cone, April**

*Nursing Summer Bridge - 17660-KJ04*

1,000

**Sponsor:** Greater Savannah River Community Foundation

**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:**

**Pae, Holly**

*Project CREATE 2012 - 17880-FJ37*

21,903

**Sponsor:** SC Department of Education/USDE

**Co-PI:**

**Report Total:**

**\$10,305,082**