## Administration & Finance

**Administration & Finance**

Kirkland, William  

*EDA 2012 University Centers Grant: Innovista Center for Product Realization (Year 4)* - 62020-FA01  

**Sponsor:** US Economic Development Administration (EDA)/DOC  

**Co-PI:**

### Arts and Sciences, College of

**Baruch Institute**

Allen, Wendy  

*North Inlet-Winyah Bay National Estuarine Research Reserve* - 21600-FC48  

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

**Co-PI:**

Kimball, Matthew  

*FSML: High-Resolution Acoustic Imaging Sonar for Research and Education at the Baruch Marine Field Laboratory* - 21600-FQ01  

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

**Co-PI:** Allen, Dennis

**Biological Sciences**

Berger, Franklin  

*Center For Colon Cancer Research - Pilot Projects* - 13130-FA66  

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

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

**The South Carolina Colon Cancer Prevention Network** - 13130-KL06  

**Sponsor:** USC Educational Foundation/The Duke Endowment  

**Co-PI:**

Krizek, Beth  

*Regulation of Floral Growth and Patterning in Arabidopsis Thaliana* - 13010-FC33  

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

**Co-PI:**
Tufford, Daniel
Coordinator for the Gills Creek Watershed Association - 10060-KL05
Sponsor: Gills Creek Watershed Association
Co-PI:

Lake Wateree Water Quality Data Acquisition and Analysis - 13010-KB01
Sponsor: Lake Wateree Association
Co-PI:

Twiss, Jeff
Modifying Intrinsic Growth Capacity through Axonal mRNA Translation - 13010-FC34
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH
Co-PI:

Chemistry & Biochemistry
Angel, S.
Sponsor: National Science Foundation (NSF)
Co-PI:

Collaborative Research: Laser Induced Breakdown Spectroscopy System for Alvin - 13020-FC41
Sponsor: National Science Foundation (NSF)
Co-PI:

Brewer, William
Development of Sample Preparation and Collection Devices for Chemical Analysis - 13020-JA24
Sponsor: DPX Labs, LLC
Co-PI:

Murphy, Catherine
Journal of Physical Chemistry Editorship - 13020-KL00
Sponsor: American Chemical Society
Co-PI:
Wang, Qian  
*Collaborative Research: A Contact Lens-Based Glucose Nanosensor Using Affinity Polymer-Functionalized Graphene* - 13020-FC55  
*Sponsor:* National Science Foundation (NSF)  
*Co-PI:*  
167,013

zur Loye, Hans-Conrad  
*SAN: Travel Program to Enable Student and Faculty to Attend Materials Conference* - 13020-GA22  
*Sponsor:* SC EPSCoR/IDeA/SC Commission on Higher Education (SCCHE)  
*Co-PI:*  
5,000

**Earth and Ocean Sciences**  
Bulusu, Subrahmanyam  
*New Approaches to understanding the MJO using Satellite Altimetry and Aquarius Salinity in the Tropical Oceans* - 13040-FC15  
*Sponsor:* National Aeronautics & Space Administration (NASA)  
*Co-PI:*  
101,677

Lakshmi, Venkataraman  
*Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature* - 13040-FC01  
*Sponsor:* National Aeronautics & Space Administration (NASA)  
*Co-PI:*  
139,984

Lang, Susan  
*Bioenergetic Influences Upon Carbon Flow in Alkaliphilic Sulfate-Reducing Microbial Populations with Relevance to the Subsurface Biosphere at the Lost City Hydrothermal Field* - 13040-FC32  
*Sponsor:* Univ of Southern California/NSF  
*Co-PI:*  
110,000

Wilson, Alicia  
*2015 Girls Go for IT Summer Camp* - 13040-KJ01  
*Sponsor:* National Center for Women and IT  
*Co-PI:*  
3,171
**English**

Schwebel, Sara  
*Lone Woman and Last Indians: Island of the Blue Dolphins in its Historical Context* - 12530-KA29  
*Sponsor:* National Society Daughters of the American Revolution (DAR)  
*Co-PI:*  

**Geography**

Carr, Edward  
*Deltaic Environments, Vulnerability and Climate Change: The Role of Migration as an Adaptation and its Policy Implications* - 13540-LA04  
*Sponsor:* University of Southampton/ International Development Research Centre  
*Co-PI:*  

Dow, Kirstin  
*Carolinas Integrated Sciences and Assessments* - 13540-FA93  
*Sponsor:* National Oceanic & Atmospheric Administration (NOAA)  
*Co-PI:* Carbone, Gregory  

Emrich, Christopher  
*Web-based Risk Assessment Planning Project for the State of Florida* - 13540-FL02  
*Sponsor:* Florida Department of Emergency Management/FEMA  
*Co-PI:* Gall, Melanie  
Cutter, Susan  

Mitchell, Jerry  
*South Carolina Geographic Alliance 2015-2016* - 13540-GJ18  
*Sponsor:* SC General Assembly  
*Co-PI:*  

**Mathematics**

Ju, Lili  
*Predicting Ice Sheet and Climate Evolution at Extreme Scales (PISCEES)* - 21400-FA12  
*Sponsor:* Los Alamos National Lab/DOE  
*Co-PI:*
Wang, Qi  
**Cytoskeletal Oscillations: Mathematical Modeling Integrated with Experiments.**  -  21400-FA20  
**Sponsor:** The University of North Carolina at Chapel Hill/NIH  
**Co-PI:**

**Physics & Astronomy**  
Schindler, Matthias  
**Hadronic Parity Violation in Few-nucleon Systems**  -  13070-FB25  
**Sponsor:** US Department of Energy (DOE)  
**Co-PI:**

**Political Science**  
Smith, Gordon  
**Justice Sector Training, Research, and Coordination Program (JusTRAC)**  -  61000-FA06  
**Sponsor:** US Department of State (DOS)  
**Co-PI:** Samuels, Joel

**Psychology**  
Cooper, Shauna  
**CAREER: African American Father Engagement and Early Adolescents' Academic and Social Adjustment**  -  13580-FB00  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:**

Mactutus, Charles  
**Maternal HIV: Developmental Neurotoxicity**  -  13580-FB18  
**Sponsor:** National Institute of Child Health & Human Development (NICHD)/NIH  
**Co-PI:** Booze, Rosemarie

Prinz, Ron  
**Concurrent Treatment of Substance Abuse and Child Maltreatment**  -  13580-FB15  
**Sponsor:** National Institute on Drug Abuse (NIDA)/NIH  
**Co-PI:**
Wilson, Dawn  
*Families Improving Together (FIT) for Weight Loss* - 13580-FB17  
**Sponsor:** National Institute of Child Health & Human Development (NICHD)/NIH  
**Co-PI:** Prinz, Ron  Van Horn, M.  
564,832

*Public Service & Policy Research, Institute for*  
Lyle, Monique  
*Perceptions of Manufacturing (Carl Vinson Institute of Government)* - 21100-LA08  
**Sponsor:** The Board of Regents of the University System of Georgia  
20,000

*Business, Moore School of*  
*Business, Moore School of - Division of Research*  
Von Nessen, Joseph  
*SC State Housing Finance and Development Authority - FY15 Economic Impact Analysis* - 21200-GA31  
**Sponsor:** SC State Housing Finance & Development Authority  
44,000

*Small Business Development Center*  
Abraham, Michele  
*SC SBDC 2014 Carryover Project (USC)* - 21250-FL76  
**Sponsor:** US Small Business Administration (SBA)  
25,000

*SBDC Affiliation* - 21250-FL98  
**Sponsor:** US Small Business Administration (SBA)  
1,107,760
Education, College of

Education
Watson, Lemuel
College of Education Center for Educational Partnerships 2015-16 - 15200-GL06 25,000
Sponsor: SC General Assembly
Co-PI:

Contract Course-College Revenue - 15200-LX00 4,500
Sponsor: Various Sources
Co-PI:

Educational Studies, Department of
DiStefano, Christine
A Psychometric Investigation of Universal Screening for Social-Emotional Development in Preschool Using Parent and Teacher Informants - 15240-FA13 310,095
Sponsor: US Department of Education (USDE)
Co-PI: Greer, Fred

Marshall, Kathleen
Project FOCUS: Preparing Special Education Administrators with a Focus on Research to Practice in Transition - 15240-FJ28 208,629
Sponsor: US Dept of Education (USDE)
Co-PI: Plotner, Anthony

Shah, Payal
Justice Sector Training, Research, and Coordination Program (JusTRAC) - 15240-FA12 18,900
Sponsor: INLEC/U.S. Department of State
Co-PI:

Instruction & Teacher Education
Baker, Hannah
Writing Improvement Network 2015-2016 - 15250-GL39 45,690
Sponsor: SC General Assembly
Co-PI:
Baum, Angela

*Improve the Quality of Child Care for South Carolina Families 2015-16* - 15250-FJ54

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

**Co-PI:**

**Amount:** 192,438

Knopf, Herman

*Management & Administration of the Child Care Resource and Referral Network 2015-16* - 15220-FL02

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

**Co-PI:**

**Amount:** 1,498,252

Virtue, David

*OEO: Contract Courses - Revenue* - 15250-LX00

**Sponsor:** Various Sponsors

**Co-PI:**

**Amount:** 25,500

Williams, Toni

*2015 Girls Go for IT Summer Camp* - 15250-KJ00

**Sponsor:** National Center for Women and IT

**Co-PI:**

**Amount:** 1,079

**Office of Program Evaluation**

D’Amico, Leigh

*South Carolina State Library 2030 Literacy Evaluation Project* - 15290-GA09

**Sponsor:** South Carolina State Library

**Co-PI:**

**Amount:** 50,000

Dickenson, Tammiee

*Improve the Quality of Child Care for South Carolina Families 2015-16* - 15290-FJ11

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

**Co-PI:**

**Amount:** 54,000

Lewis, Ashlee

*Common Assignment Project with the Center for Assessment* - 15290-KA05

**Sponsor:** The National Center for the Improvement of Educational Assessment, Inc. (NCIEA)

**Co-PI:**

**Amount:** 60,000
SC Educational Policy Center
Monrad, Diane
South Carolina Educational Policy Center 2015-2016 - 15270-GL05
Co-PI:
Sponsor: SC General Assembly
18,750

SC School Improvement Council
Hudson, Tom
South Carolina School Improvement Council, 2015-2016 - 15280-GL23
Co-PI:
Sponsor: SC General Assembly
32,000

Engineering & Computing, College of
Chemical Engineering
Gower, Michael
COBRE - Center for Dietary Supplements and Inflammation - Pilot Project: Materials for Engineering Thermogenic Adipose Tissue (Year 4) - 15510-FC60
Co-PI:
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
77,750

Jabbarzadeh, Ehsan
Unraveling the Role of Asymmetric Division in Lineage Specification of Stem Cells - 15510-FC63
Co-PI:
Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMD)/NIH
73,250

Matthews, Michael
COEE - Rehabilitation & Reconstruction Sciences - 22000-GA17
Co-PI:
Sponsor: SC General Assembly
1,250,000
Moss, Melissa

**COBRE - Center for Dietary Supplements and Inflammation (Project 2 - Year 4) - 15510-FC59**

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

*co-PI:*

**Collaborative Research: Study of Amyloid Protein Oligomerization using Microchannel Electrophoresis - 15510-FC62**

*sponsor:* National Science Foundation (NSF)

*co-PI:*

Zhou, Xiao-Dong

**Stress Engineering to Develop High Power and High Energy Density Batteries for Next Generation Space Exploration - 15510-FC61**

*sponsor:* College of Charleston/NASA

*co-PI:*

**Civil & Environmental Engineering**

Chaudhry, M.

**Technology Transfer Activities - SC Department of Transportation - 15520-GJ00**

*sponsor:* SC Department of Transportation

*co-PI:*

Mullen, Robert

**Better Construction Project Management through Better Scheduling - 15520-FB31**

*sponsor:* SC Department of Transportation/DOT

*co-PI: Huynh, Nathan*
### Computer Science & Engineering

**Bakos, Jason**

**REU Supplement: CAREER: Design Automation for High-Performance Reconfigurable Computing** - 15590-FA89  
**Sponsor:** NSF  
**Co-PI:**

**Development of Universal Controller Architecture for SiC Based Power Electronic Building Blocks** - 15590-FB13  
**Sponsor:** Office of Naval Research (ONR)/DOD  
**Co-PI:**

**Nelakuditi, Srihari**

**NeTS: Small: Collaborative: Infrastructure Mobility** - 15590-FB07  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:**

**Rekleitis, Ioannis**

**Il-New: Acquisition of a Heterogeneous Team of Field Robots for Coastal Environments** - 15590-FB12  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** O’Kane, Jason Beer, Jenay

**Valafar, Homayoun**

**South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Bioinformatics (Year One of Competing Renewal)** - 15590-FB11  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**

### Electrical Engineering

**Benigni, Andrea**

**GRAPES GR-15-05 PMU-Based Wide Area Control of PV Generation** - 15530-JA44  
**Sponsor:** GRAPES  
**Co-PI:**
Dougal, Roger
ESRDC - Designing and Powering the Future Fleet; Additional Task 1.4.3 Concept Refinement. - 15530-FB59
   Sponsor: Office of Naval Research (ONR)
   Co-PI:
   
GRAPES Industry University Collaborative Research Center (I/UCRC) - Operating Account for NSF Award 15530-FA93 - 15530-JA18
   Sponsor: Various Sponsors
   Co-PI:
   
COEE Proposal: Multiphysics of Multi-Functional Heterogeneous Materials - 22000-GA28
   Sponsor: SC General Assembly
   Co-PI: Majumdar, Prasun
   
Ginn, Herbert
Development of Universal Controller Architecture for SiC Based Power Electronic Building Blocks - 15530-FB61
   Sponsor: Office of Naval Research (ONR)/DOD
   Co-PI: Bakos, Jason
   
Wang, Guoan
   Sponsor: National Science Foundation (NSF)
   Co-PI:
   
Mechanical Engineering
Banerjee, Sourav
A Novel Computational Method for Nondestructive Evaluation of Space Composites - 15540-FC97
   Sponsor: College of Charleston/NASA
   Co-PI:
Besmann, Theodore

Thermodynamic Modeling and Compatibility of Ceramic Fuels With Enhanced Accident Tolerance - 15540-FC90

Sponsor: UT-Batelle, LLC/DOE

Co-PI:

Khan, Jamil

Center for Nuclear Science and Energy - 22000-GA21

Sponsor: SC General Assembly

Co-PI: Bayoumi, Abdel  Knight, Travis

Knight, Travis

DOE Nuclear Engineering Scholarship and Fellowship Program at USC - 15540-FJ05

Sponsor: US Department of Energy (DOE)

Co-PI: Khan, Jamil

Center of Economic Excellence for Nuclear Science Strategies - 22000-GA23

Sponsor: SC General Assembly

Co-PI: Khan, Jamil

Li, Chen

Explore a Unified, Ultra-Efficient and Gravity Insensitive Flow Boiling Regime for Space Missions (Match for 15540-FC75) - 15540-GA31

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

Co-PI:
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Sponsor</th>
<th>Co-PI</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DSS Task Order #8: Children's Data Projects</strong> - 15810-FL61</td>
<td>SC Department of Social Services (DSS)/HHS</td>
<td></td>
<td>20,481</td>
</tr>
<tr>
<td><strong>DSS Task Order #4: Court Liaison Program (1/1/15-12/31/15)</strong> - 15810-FL62</td>
<td>SC Department of Social Service/HHS</td>
<td></td>
<td>-686,077</td>
</tr>
<tr>
<td>Statewide Initiative to Reduce the Institutionalization of Status Offenders - 15810-FL63</td>
<td>SC Department of Public Safety/DOJ</td>
<td></td>
<td>-51,735</td>
</tr>
<tr>
<td><strong>DSS Task Order #CLC1: Child Welfare Training (2015-2016)</strong> - 15810-FL64</td>
<td>SC Department of Social Services (DSS)/HHS</td>
<td></td>
<td>586,756</td>
</tr>
<tr>
<td>Statewide Initiative to Reduce the Institutionalization of Status Offenders - 15810-FL65</td>
<td>SC Department of Public Safety/DOJ</td>
<td></td>
<td>51,735</td>
</tr>
</tbody>
</table>
Medicine, School of

Animal Resources Facility
Barlow, Shayne
  VA Attending Veterinarian Agreement - 22000-FL10 14,820
  Sponsor: WJB Dorn VA Medical Center/VA
  Co-PI:

Cell Biology & Anatomy
Price, Robert
  COBRE - Center for Dietary Supplements and Inflammation (Microscopy & Imaging Core - Year 4) - 18020-FB38 109,527
  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
  Co-PI:

Spinale, Francis
  Molecular Imaging Predicts Atrial Remodeling and Fibrillation Vulnerability - 18020-FB10 44,775
  Sponsor: Yale University/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**

**Albrecht, Helmut**

*Housing Opportunities for Persons With AIDS (HOPWA) - 18190-FM26*

- **Sponsor:** City of Columbia/HUD
- **Co-PI:** Connors, Kristen  Raley, Nancy

- **Grant Amount:** $85,493

* 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

- **Sponsor:** Gilead Sciences, Inc.

- **Grant Amount:** $1,945

* A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide Versus Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Positive, Antiretroviral Treat

- **Sponsor:** Gilead Sciences, Inc.

- **Grant Amount:** $736

* 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

- **Sponsor:** Gilead Sciences, Inc.

- **Grant Amount:** $1,632

---

**Chillag, Shawn**

*Palmetto Health Affiliation - 18190-K401*

- **Sponsor:** Palmetto Health Alliance

- **Grant Amount:** $240,453

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

- **Sponsor:** Palmetto Health Alliance

- **Grant Amount:** $9,973
Eleazer, Paul

COEE - Seniorsmart Center - 22000-GA19

Sponsor: SC General Assembly

Co-PI:

Hoppmann, Richard

Palmetto Health Affiliation - 18100-K401

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation - 18260-K401

Sponsor: Palmetto Health Alliance

Co-PI:

Rizvi, Ali

Systolic Blood Pressure Intervention Trial (SPRINT) - 18190-FA11

Sponsor: Wake Forest University/NIH

Co-PI: Sides, Andrew

Medicine, School of - (Dean)

Pedigo, Norman

Traineeships for Nurse Anesthesia 2015 - 18080-FJ24

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

Co-PI:

Medicine, School of - (Graduate Program)

Knight, Lisa

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

Sponsor: University of South Florida/NIH

Co-PI:
Neurology

Androulakis, Xiao

“A Randomised, Double-Blind, Multinational Study to Prevent Major Vascular Events with Ticagrelor Compared to Aspirin (ASA) in Patients with Acute Ischaemic Stroke or TIA SOCRATES - Acute Stroke Or Transient Ischaemic Attack TReAted with Ticagrelor or Aspirin”

Sponsor: AstraZeneca Pharmaceuticals LP
Co-PI:

Sen, Souvik

Platelet-Oriented Inhibition in New TIA - 18450-FA01

Sponsor: EMMES Corp./NIH
Co-PI:

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

Sponsor: Athersys, Inc.
Co-PI:

“Phase IIIb, Double-blind, Multicenter Study to Evaluate the Efficacy and Safety of Alteplase in Patients with Mild Stroke: Rapidly Improving Symptoms and Minor Neurologic Deficits (prisms)” - 18450-JA10

Sponsor: Genentech, Inc.
Co-PI:

Palmetto Health Affiliation - 18450-K401

Sponsor: Palmetto Health Alliance
Co-PI:

Neuropsychiatry

Narasimhan, Meera

Palmetto Health Affiliation - 18120-K401

Sponsor: Palmetto Health Alliance
Co-PI:
Obstetrics & Gynecology
Burgis, Judith
Palmetto Health Affiliation - 18110-K401
Co-PI:
Sponsor: Palmetto Health Alliance
101,817

Palmetto Health Affiliation (Educ. Trust) - 18110-K402
Sponsor: Palmetto Health Alliance
8,171

Orthopaedic Surgery
Walsh, John
Palmetto Health Affiliation - 18160-K401
Co-PI:
Sponsor: Palmetto Health Alliance
71,824

Palmetto Health Affiliation (Educ. Trust) - 18160-K402
Sponsor: Palmetto Health Alliance
10,079

Pathology, Microbiology and Immunology
Karan, Dev
COBRE - Center for Dietary Supplements and Inflammation (Project 4 - Year 4) - 18060-FB17
Co-PI:
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
178,027

Nagarkatti, Prakash
COBRE - Center for Dietary Supplements and Inflammation (Admin Core Year 4) - 18060-FB14
Co-PI: Nagarkatti, Mitzi
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
698,668
Pirisi-Creek, Lucia

South Carolina IDeA Network of Biomedical Research Excellence (INBRE) Admin Core - Year One of Competing Renewal - 18060-FB19  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:** Goldsmith, Edie Valafar, Homayoun Carver, Wayne Fadel, Jim  
**Amount:** 492,089

South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) - Holding Account for 8 Target Faculty and 2 DRP (USC) accounts. - 22050-FA21  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**  
**Amount:** 860,660

INBRE Affiliation - 22050-FA99  
**Sponsor:** National Center for Research Resources (NCRR)/NIH  
**Co-PI:** Borg, Thomas Matthews, Michael  
**Amount:** 4,259,636

Singh, Narendra

COBRE - Center for Dietary Supplements and Inflammation (Immune Monitoring Core - Year 4) - 18060-FB15  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**  
**Amount:** 178,027

Singh, Udaï

COBRE - Center for Dietary Supplements and Inflammation (Flow Cytometry - Year 4) - 18060-FB16  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**  
**Amount:** 109,527

Testerman, Traci

COBRE - Center for Dietary Supplements and Inflammation: Pilot Project - Prevention/Treatment of H. Pylori-Mediated Gastritis/Cancer by Indole-3-Carbinol (Year 4) - 18060-FB18  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**  
**Amount:** 77,750

Pediatrics

Knight, Lisa

Novo Nordisk App. NN304-4093 - 18140-JA32  
**Sponsor:** Novo Nordisk, Inc.  
**Co-PI:**  
**Amount:** 6,475
**Rotholz, David**  
*Expansion of the Transition Alliance of South Carolina (TASC) - 18140-FJ41*

- **Sponsor:** SC Developmental Disabilities Council/HHS  
- **Co-PI:**

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Developmental Disabilities Council/HHS</td>
<td>86,158</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC First Steps to School Readiness/USDE</td>
<td>550,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Developmental Disabilities Council/HHS</td>
<td>21,700</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Department of Disabilities and Special Needs</td>
<td>999,552</td>
</tr>
</tbody>
</table>

**Taylor, R. Caughman**  
*Palmetto Health Affiliation - 18140-K401*

- **Sponsor:** Palmetto Health Alliance  
- **Co-PI:**

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palmetto Health Alliance</td>
<td>61,371</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palmetto Health Alliance (Educ. Trust)</td>
<td>8,182</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Institute of Mental Health(NIMH)/NIH</td>
<td>333,750</td>
</tr>
</tbody>
</table>

**Pharmacology, Physiology & Neuroscience**

**Kelly, Michy**  
*Compartmentalization of Cyclic Nucleotide Signaling in the Ventral Hippocampus - 18080-FA46*

- **Sponsor:** National Institute of Mental Health(NIMH)/NIH  
- **Co-PI:**
Wood, Susan

**CObRE - Center for Dietary Supplements and Inflammation (Project 1) Year 4 - 18080-FA52**

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

**Co-PI:**

**Surgery**

Nottingham, James

**Palmetto Health Affiliation - 18200-K401**

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

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

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Medicine, School of (Greenville Campus)**

Egan, Brent

**Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial - 16000-FA01**

**Sponsor:** Medical University of SC (MUSC)/National Institute on Drug Abuse/NIH

**Co-PI:** Davis, Rob

**Nursing, College of**

**Nursing**

Andrews, Jeannette

**Leveraging Mental Health Provider Access in Underserved Counties in South Carolina - 11200-KL05**

**Sponsor:** Blue Cross Blue Shield of South Carolina Foundation

**Co-PI:**
Messias, DeAnne
Subaward: ENLACE: A Promortora-Led Physical Activity Intervention Trial for Latinas in Texas - 11200-FA19
Sponsor: University of Texas Health Sciences Center San Antonio/NIH
Co-PI:

Pinto, Bernardine
Peers Promoting Exercise Adoption and Maintenance among Cancer Survivors - 11200-FA24
Sponsor: National Cancer Institute (NCI)/NIH
Co-PI:

Pharmacy, SC College of
Drug Discovery and Biomedical Sciences
Buckhaults, Phillip
A Genetic Model for Early-Onset Breast and Colon Cancer in African Americans - 11110-FA75
Sponsor: National Cancer Institute (NCI)
Co-PI: Creek, Kim

Hofseth, Lorne
Targeting Protein Arginine Deiminases to Prevent Colitis and Colon Cancer - 11110-FA59
Sponsor: National Cancer Institute (NCI)/NIH
Co-PI:

Roninson, Igor
CDK8/19 Inhibition for Leukemia Therapy (Pilot Grant) - 11110-KA25
Sponsor: The Leukemia & Lymphoma Society
Co-PI:

Xu, Peisheng
A Nano-Cocktail Delivery System for Colon Cancer Therapy (Pilot Project) - 13130-FA70
Sponsor: National Cancer Institute (NCI)/NIH
Co-PI:
Pharmacy - Clinical Pharmacy and Outcomes Sciences
Ball, Sarah

Academic Detailing for the CHIPRA Quality Demonstration Grant (QTIP Project Extension) - 11150-FL08

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

Public Health, Arnold School of
Communication Sciences & Disorders
Adlof, Suzanne

Developing an online tutor for accelerating high school vocabulary learning - 11560-FA16

Sponsor: Institute of Education Sciences/USDE
Co-PI:

Word Learning in Reading and Language Impairment Subgroups - 11560-FA18

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

Fridriksson, Julius

Brain Connectivity Supporting Language Recovery in Aphasia - 11560-FA20

Sponsor: Medical University of South Carolina (MUSC)/NIH
Co-PI: Rorden, Christopher

Environmental Health Sciences
Kloot, Robin

Science of Soil Health – the Big Picture and Bringing it Home - 11510-FB66

Sponsor: Natural Resources Conservation Services/USDA
Co-PI:
Lead, Jamie
UNS: Novel Probes to Quantify the Relative Importance of Ion and Particle Uptake When Assessing Nanoparticle Bioavailability - 11510-FB67

Sponsor: National Science Foundation (NSF)
Co-PI:

Request for Review of an Industry Contract with PerkinElmer Health Sciences, Inc. - 11510-JA03

Sponsor: PerkinElmer Health Sciences, Inc.
Co-PI:

Norman, Robert
Career: Linking Microbial Phylogenetic and Functional Gene Diversity to Microbial Mat Ecosystem Function Following Environmental Disturbance - 11510-FB42

Sponsor: National Science Foundation (NSF)
Co-PI:

Porter, Dwayne
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 - Water Quality Modeling (Year 5) - 11510-FB68

Sponsor: Southeast Coastal Ocean Observing Regional Association (SECOORA)/NOAA
Co-PI:

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 - Data Management and Communications (Year 5) - 11510-FB69

Sponsor: Southeast Coastal Ocean Observing Regional Association (SECOORA)/NOAA
Co-PI:

Epidemiology & Biostatistics
Boghossian, Nansi
Preterm Birth Prediction and Gestational Age Assessment at Birth - 11520-KA31

Sponsor: Bill & Melinda Gates Foundation
Co-PI:
Hyleman, Brenda

For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia (Alzheimer's Program) - 11520-FB26  
Sponsor: SC Department of Health & Human Services/HHS  
Co-PI:  

For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia (SCVAGAL PROGRAM) - 11520-FB43  
Sponsor: SC Department of Health & Human Services/HHS  
Co-PI:  

For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development Related to Dementia (Dementia Training/Development) - 11520-FB47  
Sponsor: SC Department of Health & Human Services/HHS  
Co-PI: Miller, Maggi  

Collaboration with the Lieutenant Governor's Office on Aging for the Continuation of the South Carolina Vulnerable Adult Guardian ad Litem Program - 11520-GL02  
Sponsor: Lieutenant Governor's Office on Aging  
Co-PI:  

McDermott, Suzanne

Improving the Health of People with Disabilities through State Based Public Health Programs - 11520-FL19  
Sponsor: Center for Disease Control (CDC)  
Co-PI:  

Exercise Science

Blair, Steven

Energy Balance Study - 11530-JA07  
Sponsor: The Coca-Cola Company  
Co-PI: Hand, Gregory  Hebert, James  Hardin, James  Sui, Xuemei
### Office of Research
#### IT and Data Management Office
##### June, 2015  Awards

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pate, Russ</td>
<td><strong>A Training Program to Prevent Childhood Obesity in Preschool-Aged Children</strong> - 11530-KA54</td>
<td>The Duke Endowment</td>
<td>191,411</td>
</tr>
<tr>
<td>Stewart, Jill</td>
<td><strong>Targeted Engagement of the Motor Action Selection Network during Arm Rehabilitation after Stroke</strong> - National - 11530-KA60</td>
<td>American Heart Association - National</td>
<td>77,000</td>
</tr>
<tr>
<td>Wang, Xuewen</td>
<td><strong>Effects of Sleep Restriction on Body Composition and Energy Expenditure during Dietary Weight Loss</strong> - 11530-KA57</td>
<td>American Heart Association - Mid-Atlantic</td>
<td>77,000</td>
</tr>
<tr>
<td>Blake, Christine</td>
<td><strong>Competitive Small Grants Program for Research on Food Choice in Africa and Asia</strong> - 11590-KA10</td>
<td>Bill &amp; Melinda Gates Foundation/DFID</td>
<td>112,020</td>
</tr>
<tr>
<td>Davis, Rachel</td>
<td><strong>Addressing Acquiescence: Reducing Survey Error To Promote Latino Health</strong> - 11590-FA61</td>
<td>National Cancer Institute (NCI)/NIH</td>
<td>594,622</td>
</tr>
<tr>
<td>Jones, Sonya</td>
<td><strong>DSS SNAP - ED Evaluation</strong> - 11590-FL01</td>
<td>SC Department of Social Services/USDA</td>
<td>-7,564</td>
</tr>
</tbody>
</table>
Moore, Justin  
Utilizing Physical Activity Coordinators to Increase Physical Activity Among Youth - 11540-FA58  
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH  
Co-PI: Beets, Michael   Pate, Russ   Saunders, Ruth  
177,587

Pope, Andrew  
Public Health Practice Postgraduate Program 2012 - 11500-GL10  
Sponsor: SC Department of Health & Environmental Control (DHEC)  
Co-PI:  
144,244

Health Services Policy and Management  
Hale, Nathan  
MIECHV - Competitive Grant - 11550-FA57  
Sponsor: Children's Trust of SC/HRSA  
Co-PI:  
29,646

Kenison, Kelli  
Evaluation of SC DHEC Programs Including SC FitnessGram - CY-15-015 (Funded by CDC) - 11550-FL35  
Sponsor: SC Department of Health & Environmental Control/CDC  
Co-PI:  
7,938

Evaluation of SC DHEC Programs Including SC FitnessGram (Funding from BCBS) - 11550-KL22  
Sponsor: SC Department of Health & Environmental Control/ BCBS Foundation  
Co-PI:  
41,120

Xirasagar, Sudha  
GA: Brian Beverly - 11550-JR41  
Sponsor: Vista Consulting, LLC  
Co-PI:  
2,200

Public Health, Arnold School of - Dean  
Meetze, Edena  
Tomando Control de su Salud (Taking Care of Your Health) Program - 11500-FL38  
Sponsor: SC Lieutenant Governor's Office on Aging/HHS  
Co-PI:  
800
Pearson, Joseph
SCaledown Obesity Action Plan Implementation - 11500-GL15 95,000
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI:

Infrastructure and Programmatic Support for the SC Institute of Medicine and Public Health - 11500-KA16 300,000
Sponsor: USC Educational Foundation/The Duke Endowment
Co-PI:

Smithwick, Julie
PASOs and WIC Partnership Agreement - 11500-FL39 75,000
Sponsor: South Carolina Department of Health and Environmental Control (DHEC)/USDA
Co-PI:

Research, Vice President for

EPSCoR
Little, Scott
SC EPSCoR/IDEA FY14 Appropriation - 22400-GA29 -211,000
Sponsor: SC EPSCoR/IDEA/SC Commission on Higher Education (SCCHE)
Co-PI:

EPSCoR/IDEA State Committee Distribution - NASA EPSCoR - 22400-GA30 120,000
Sponsor: SC EPSCoR/IDEA/SC Commission on Higher Education (SCCHE)
Co-PI:

EPSCoR/IDEA State Committee Distribution (State Matching Funds) - 22410-GA00 -2,000
Sponsor: SC EPSCoR/IDEA/SC Commission on Higher Education (SCCHE)
Co-PI:

EPSCoR Affiliates
Little, Scott
EPSCoR Affiliates - 22000-FA99 1,551,361
Sponsor: University of South Carolina/NSF
Co-PI:
Social Work, College of

*Families in Society, Institute for*

Lopez-DeFede, Ana  

**Technical Assistance Support for Coordination of Data Reporting and Data Analytics**  
for the SC Medicaid Program - 10010-FA60  

*Sponsor:* SC Department of Health & Humans Services/HHS  
*Co-PI:* Mayfield-Smith, Kathy  

1,042,954

---

**Data Translation and Interpretation, Evaluation, Research and Technical Assistance**  
SC Medicaid Program - 10010-FA61  

*Sponsor:* SC Department of Health & Human Services/HHS  
*Co-PI:* Mayfield-Smith, Kathy  

2,720,060

---

Social Work, College of  

Reitmeier, Melissa  

GA: Marki Garrett - 15900-KT30  

*Sponsor:* Steppingstones to Recovery  
*Co-PI:*  

2,416

---

GA: Victoria Wilson - 15900-KT31  

*Sponsor:* Steppingstones to Recovery  
*Co-PI:*  

2,416

---

GA: David Firmin - 15900-KT32  

*Sponsor:* Columbia County Community Connections  
*Co-PI:*  

2,416

---

GA: LaTasha Brown - 15900-KT33  

*Sponsor:* The Lydia Project  
*Co-PI:*  

2,432

---

GA: Chelsea Pope - 15900-LP81  

*Sponsor:* Franke at Seaside  
*Co-PI:*  

2,416
Office of Research
IT and Data Management Office
June, 2015  Awards

Student Affairs, Division of

Student Life
Edwards, Anna
Gamecocks Make Good Choices: Targeting Tailgating and Game Day Behaviors through Healthy Low-Risk Activities - 46300-LL00
Sponsor: National Collegiate Athletic Association (NCAA)
Co-PI:

USC Affiliations

Duke Endowment (HSSC)
Rippen, Helga
Duke Affiliations - 22000-KA10
Sponsor: Health Sciences South Carolina (HSSC)/Duke Foundation
Co-PI:

USC Development / Educational Foundations
Nagarkatti, Prakash
USC Development/Educational Foundation - 22000-K197
Sponsor: USC Development / Educational Foundation
Co-PI:

USC Aiken

USC Aiken
Harmon, Sarah
Development and Implementation of an Enhanced Biology Degree in Environmental Remediation and Restoration - 17110-FJ13
Sponsor: SRS Community Reuse Organization/DOE
Co-PI: Jackson, William

Jackson, William
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) - (Year one of Competing Renewal) - 17110-FA54
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:
<table>
<thead>
<tr>
<th>Shervette, Virginia</th>
<th>Filling Critical Life History Information Gaps of Data-Poor Fisheries in U.S. Caribbean Waters: Age, Growth, and Reproduction of Queen Triggerfish and Four Species of Parrotfish - 17110-FA52</th>
<th>10,500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor: National Oceanic &amp; Atmospheric Administration (NOAA)/DOC</td>
<td>Co-PI:</td>
<td></td>
</tr>
</tbody>
</table>

**USC Beaufort**

**USC Beaufort - Academic Affairs**

<table>
<thead>
<tr>
<th>Salazar, John</th>
<th>Hilton Head Island Economic Development Corporation Business Survey Study Proposal - 17210-HA07</th>
<th>-2,485</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor: Hilton Head Island Economic Development Corporation</td>
<td>Co-PI: Glasson, James</td>
<td></td>
</tr>
</tbody>
</table>

**USC Hospital Partners**

**Greenville Hospital Systems**

<table>
<thead>
<tr>
<th>Nagarkatti, Prakash</th>
<th>Greenville Hospital Systems Grants, Studies &amp; Research Accts. - 22000-KA11</th>
<th>4,709,733</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor: Greenville Hospital Systems</td>
<td>Co-PI:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Walton, Ed</th>
<th>SOM G`VILLE SUPPORT/REIMBURSEMENT - 16000-K100</th>
<th>6,105,162</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor: Greenville Hospital System</td>
<td>Co-PI:</td>
<td></td>
</tr>
</tbody>
</table>

**Palmetto Health Systems**

<table>
<thead>
<tr>
<th>Coggins, Thomas</th>
<th>Support/Reimb-Affiliates-RMH - 22000-K103</th>
<th>4,373,317</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsor: Palmetto Health Association</td>
<td>Co-PI:</td>
<td></td>
</tr>
</tbody>
</table>
Veterans Administration
Hrushesky, William
VISN 7 Research Career Development - 18020-FA38 1,865,323
Sponsor: Department of Veterans Affairs
Co-PI:

USC Lancaster
USC Lancaster
Bailey, Thelathia
USC Lancaster Upward Bound - 17550-FL24 249,940
Sponsor: US Department of Education (USDE)
Co-PI:

USC Salkehatchie
USC Salkehatchie
Boone, Terri
SRSCRO Advancing Nuclear Skills Regionally (ANSR) Salkehatchie - 17660-FL31 71,488
Sponsor: SRS Community Reuse Organization/DOE
Co-PI:

USC Upstate
USC Upstate
Pae, Holly
Project CREATE 2015 - 17880-FJ49 -51,477
Sponsor: SC Department of Education/USDE
Co-PI:

Report Total: $64,294,549