Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of
Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110 200,000

Sponsor: US Department of Energy (DOE)
Co-PI:

Art
Floyd, Minuette

African American Camp Meetings - 12510-FA04 10,000

Sponsor: National Endowment for the Arts (NEA)
Co-PI: Hewitt, Mana  Henderson, James

Baruch Institute
Porter, Dwayne

Request for Supplemental Funding for the Project Entitled:
CAROLINAS COAST: A ONE-STOP SHOP FOR MARINE OBSERVATIONS IN THE CAROLINAS - 21600-FB26 17,814

Sponsor: SC Sea Grant Consortium/NOAA
Co-PI:

Wilde, Susan

Nutrient and Phytoplankton Samples from ACE Basin National Estuarine Research Reserve - 21600-FB27 11,934

Sponsor: SC Department of Natural Resources/NOAA
Co-PI:

Chemistry & Biochemistry
Bryson, Thomas

Synthesis of Saxitoxin in Near Critical Water or Ionic Fluids (A Post Doctoral Green Chemistry Study) - 13020-JA14 49,913

Sponsor: Seraph Pharmaceuticals, Inc
Co-PI:

Wiskur, Sheryl

Pink Hibiscus Mealybug Pheromone Purification - 13020-JA11 50

Sponsor: SC Scientific, LLC
Co-PI:
Sponsored Awards Management (SAM)
January, 2007  New Awards

**Geography**

Cutter, Susan

*The Recovery Divide: Sociospatial Disparities in Disaster Recovery from Hurricane Katrina along Mississippi's Gulf Coast* - 13540-FA46

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

**Co-PI:**

Jakubs, John

GA: Mary Megison - 13540-GP18

**Sponsor:** SC Army National Guard

**Co-PI:**

**Geological Sciences**

Kellogg, James

*Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences* - 13040-J400

**Sponsor:** Elsevier Science, Ltd.

**Co-PI:**

*GEGEO-Technical and Scientific Cooperation Between the National University of Equatorial Guinea and the University of South Carolina* - 13040-LA02

**Sponsor:** ExxonMobil Equatorial Guinea, Inc.

**Co-PI:**

Kendall, Christopher

*Pilot Proposal to Build a Public-Domain On-Line Ordered Photographic Galleries and Stratigraphic Exercises Using Classic Delta, Slope and Deepwater Outcrops, Carboniferous, Co. Clare, Ireland.* - 13040-JA06

**Sponsor:** Chevron Energy Technology Company/Anadarko Petroleum Corporation/Various Sponsors

**Co-PI:**

Knapp, Camelia

*Absheron Allochthon: Evidence for South Caspian Seafloor Deformation in Response to Climatically Driven Hydrate Dissociation* - 13040-KA17

**Sponsor:** Petroleum Research Fund/American Chemical Society

**Co-PI:**

Lakshmi, Venkataraman

*Modeling the Influence of Plant Cover on Water and Energy Cycling at the Land-Atmosphere Interface: Constraints from Satellite and Ground Data* - 13040-FA65

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

**Co-PI:**
Owens, Thomas
Collaborative Research: Lithospheric Foundering Beneath the Sierra Nevada - 13040-FA97

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

History
Weyeneth, Robert
GA: McKenzie Kubly - 13550-GP52

Sponsor: SC Department of Archives & History
Co-PI:

GA: Christopher Ziegler - 13550-GP53

Sponsor: SC Department of Archives & History
Co-PI:

Linguistics Program
Holt, D.E.
GA: Nikki Leigh Anderson - 12070-GP02

Sponsor: SC Department of Education
Co-PI:

Mathematics
Sharpley, Robert
Software for Generating Geometrically and Topologically Accurate Urban Terrain Models Using Implicit Methods (Phase I - STTR) - 13060-FA33

Sponsor: Radiance Technologies, Inc/US ARMY
Co-PI:

Physics & Astronomy
Djalali, Chaden
US-Peru Collaborative Workshop in Nuclear Physics and Its Applications - 13070-FA70

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

Johnson, Joseph
Continued Enhancements and Upgrades to the Connect and Join Application - 13070-JA03

Sponsor: Connect and Join, Inc.
Co-PI:
<table>
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<th>Sponsor/Co-PI</th>
<th>Title</th>
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<tr>
<td>Psychology</td>
<td>Psychosocial Risk Factors for Suicidality: A Prospective Vulnerability and Stress Study with Adolescents of Depressed Mothers</td>
<td>American Foundation for Suicide Prevention</td>
<td>7,500</td>
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<td>Psychology</td>
<td>Risk Reduction via Promotion of Youth Development</td>
<td>National Institute on Drug Abuse (NIDA)/NIH</td>
<td>802,660</td>
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<td>Psychology</td>
<td>Media-Based Programming to Enhance Parenting</td>
<td>National Institute of Child Health &amp; Human Development (NICHD)/HHS</td>
<td>369,504</td>
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<tr>
<td>Psychology</td>
<td>The Development of Sustained Attention in Infants</td>
<td>National Institute of Child Health &amp; Human Development (NICHD)/NIH</td>
<td>20,000</td>
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<td>Public Service &amp; Policy Research, Institute for Oldendick, Robert</td>
<td>Conducting a Statewide Child Care Market Rate Survey, Collecting and Analyzing Survey Data</td>
<td>SC Department of Social Services/HHS</td>
<td>20,800</td>
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<tr>
<td>Public Service &amp; Policy Research, Institute for Oldendick, Robert</td>
<td>Targeting Mass Media Interventions for Risky Sexual Behavior</td>
<td>University of Kentucky Research Foundation/NIH</td>
<td>303,254</td>
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<tr>
<td>Theatre and Dance, Department of Jennings, richard</td>
<td>GA: Amanda Reyelt</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)</td>
<td>3,375</td>
</tr>
</tbody>
</table>
Sponsored Awards Management (SAM)
January, 2007   New Awards

Education, College of

Education Leadership & Policies
Lindsay, Sandra
Leadership Session Lexington Richland Five - 15230-HL05 3,000

Sponsor: School District Five of Lexington and Richland Counties
Co-PI:

Wertz, Richard
GA: Lindsay Morrow - 15230-JP01 5,071

Sponsor: Blue Choice Health Plan
Co-PI:

Office of Program Evaluation
Yap, Ching Ching
Standards-Based Arts Assessment in South Carolina: Dance & Theater Pilot Tests 5,000
(2006-2007)
- 15290-GL22

Sponsor: SC School Districts/SC Department of Education
Co-PI:

Physical Education
Mensch, James
GA: TBA - 15210-HP06 58,280

Sponsor: Richland County School District One
Co-PI:

Engineering & Information Technology, College of

Chemical Engineering
Amiridis, Michael
Filamentous Carbon Production from Waste Methane Streams Process Development and Scale-Up - 15510-JA62 102,667

Sponsor: XL TechGroup
Co-PI:

Moss, Melissa
CAREER: Amyloid Fibril Formation in Bulk Solution and on Supported Phospholipid Bilayers - 15510-FB03 80,000

Sponsor: National Science Foundation (NSF)
Co-PI:
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<th>Name</th>
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<tr>
<td>White, Ralph</td>
<td>Optimal Design of Compact Fuel Cell Hybrid Power Systems (STTR - Phase I) - 15510-FB02</td>
<td>Interactive Data Visualization, Inc./US Army</td>
<td>60,000</td>
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<td>Co-PI: Gatzke, Edward</td>
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<td>Gatzke, Edward</td>
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<td>Ziehl, Paul</td>
<td>In-situ Load Testing of Metallic Extension - 15520-JL01</td>
<td>Steverson Equipment Company</td>
<td>500</td>
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<tr>
<td>Chaudhry, M.</td>
<td>Capacity Building for Research, Education, and Training in Water Resources Management in Pakistan - 15520-FA41</td>
<td>National Academy of Sciences (NAS)/USAID</td>
<td>33,300</td>
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<tr>
<td>Eastman, Caroline</td>
<td>REU Site: Multidisciplinary Research in Computing - 15590-FA39</td>
<td>National Science Foundation (NSF)</td>
<td>279,516</td>
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<td>Valafar, Homayoun</td>
<td>Career: Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data - 15590-FA38</td>
<td>National Science Foundation (NSF)</td>
<td>371,613</td>
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<tr>
<td>Bayoumi, Abdel</td>
<td>Consortium Project #17: Internet University Reactor Experiments for Education in Nuclear Engineering and Research in Science - 15540-FA37</td>
<td>NC State University/DOE</td>
<td>25,000</td>
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Chao, Yuh
Spot Weld Testing - 15540-JL00
Sponsor: Auto/Steel Partnership/USAMP
Co-PI:

Knight, Travis
Subcontract to Clemson University's Department of Energy Radiochemistry Education Award Program Proposal - 15540-FA61
Sponsor: US Department of Energy (DOE)
Co-PI:

Reynolds, Anthony
FSP I/UCRC Operation Account - 15540-JA21
Sponsor: Various Sponsors
Co-PI:

SKB Advising - 15540-JA33
Sponsor: Swedish Nuclear Fuel and Waste Management Co
Co-PI:

Friction Stir Joining and Evaluation of Alloy 7XA - 15540-JA34
Sponsor: Surface Treatment Technologies, Inc.
Co-PI:

Sutton, Michael
Prediction of Stable Tearing Along Arbitrary 3D Crack Surfaces in Metallic Structures: Criteria Validation and Crack path Predictions Under Mixed Mode Loading - 15540-FA78
Sponsor: National Aeronautics & Space Administration (NASA)
Co-PI:

Voglewede, Philip
Continuous Renewal of Undergraduate Education Via an Interdisciplinary, Inquiry-Based Laboratory - 15540-FA79
Sponsor: National Science Foundation (NSF)
Co-PI: Lyons, Jed Golonka, Annette Jabbari, Esmaiel
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<th>Law, School of Law, School of</th>
<th>Morris, Carolyn</th>
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<tr>
<td><strong>Court Improvement Training Grant</strong> - 15810-FJ00</td>
<td>Sponsor: SC Court Administration/ACF/HHS</td>
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<td><strong>Sponsor:</strong> SC Court Administration/ACF/HHS</td>
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<td><strong>Children's Justice Act - Operation of Children's Law Center</strong> - 15810-FL02</td>
<td>Sponsor: SC Department of Social Services/HHS</td>
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<td><strong>Sponsor:</strong> SC Department of Social Services/HHS</td>
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<td><strong>Children's Justice Act - Support of CJA Task Force</strong> - 15810-FL03</td>
<td>Sponsor: SC Department of Social Services/HHS</td>
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<th>Medicine, School of Cell &amp; Developmental Biology &amp; Anatomy</th>
<th>Carver, Wayne</th>
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<td><strong>Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart</strong> - 18020-FA45</td>
<td>Sponsor: National Institutes of Health (NIH)/HHS</td>
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<th>Family &amp; Preventive Medicine</th>
<th>McDermott, Suzanne</th>
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<tr>
<td><strong>Maternal Sexual Infections and Adverse Child Outcomes</strong> - 18130-FA08</td>
<td>Sponsor: Bureau of Maternal and Child Health/HRSA</td>
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<td><strong>Sponsor:</strong> Bureau of Maternal and Child Health/HRSA</td>
<td>Co-PI: Mann, Joshua</td>
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<td><strong>Evaluation of DDSN Employment System and Other Associated Activities</strong> - 18130-GL12</td>
<td>Sponsor: SC Department of Disabilities and Special Needs</td>
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<td><strong>Sponsor:</strong> SC Department of Disabilities and Special Needs</td>
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<th>Internal Medicine</th>
<th>Duffus, Wayne</th>
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<tr>
<td><strong>Abbot RealTime CT/NG Specimen Collection</strong> Protocol No.: 9JT-02-04S03-01 - 18190-JA31</td>
<td>Sponsor: Abbott Molecular, Inc.</td>
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<tr>
<td><strong>Sponsor:</strong> Abbott Molecular, Inc.</td>
<td>Co-PI:</td>
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Eleazer, Paul
Survey of Residency Training - 18190-KA04
Sponsor: Medical University of Charleston (MUSC)
Co-PI:

Horvath, Joseph
Protocol AI424128: A Phase IV, Multi-center, Cross-sectional Study to Evaluate the I50L Substitution among Subjects Experiencing Virologic Failure on a HAART Regimen Containing Atazanavir (ATV). - 18190-JA28
Sponsor: Bristol-Myers Squibb Company/PPD Development, LP
Co-PI: Talwani, Rohit Postic, Bosko Elko, Lucinda

Rizvi, Ali
A Prospective, Open-Label, Observational Study Evaluating SYMLIN (pramlintide acetate) Injection Use in Insulin-Using Patients With Type 2 and Type 1 Diabetes Following SYMLIN Introduction Into the Marketplace - 18190-JA30
Sponsor: Amylin Pharmaceuticals, Inc.
Co-PI:

Medicine Library
Yeh, Felicia
Disaster Preparedness and Planning: USC School of Medicine Library - 18280-FJ00
Sponsor: National Endowment for the Humanities (NEH)
Co-PI:

Neuropsychiatry
Hwang, Te-Long
PRoFESS-Prevention Regimen for Effectively Avoiding Second Stroke - 18120-JA01
Sponsor: Boehringer Ingelheim Pharmaceuticals, Inc.
Co-PI:

Narasimhan, Meera
A Multicenter, Randomized, Parallel-group, Double-blind, Phase IV Comparison of the Efficacy and Safety of Quetiapine Fumarate (oral tablets 300 mg to 800 mg daily in divided doses) to Placebo as Adjunct Therapy to Mood Stabilizers (Lithium or Valproate)
Sponsor: Astra Zeneca Pharaceuticals LP
Co-PI:
Sponsored Awards Management (SAM)
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Pathology & Microbiology
Nagarkatti, Mitzi
Cytotoxic Lymphocytes in Acute Lung Injury - 18060-FA24 249,593
Sponsor: National Institute of Allergy and Infectious Diseases (NIAID)/NIH
Co-PI: Nagarkatti, Prakash

Wargovich, Michael
Cancer Prevention by West African Medicinal Plants - 18060-FA20 92,994
Sponsor: National Institutes of Health (NIH)
Co-PI:

Pediatrics
Neuberg, Ronnie
Children's Oncology Group/National Childhood Cancer Foundation - 18140-FA06 1,900
Sponsor: National Childhood Cancer Foundation (NCCF)/NCI/NIH
Co-PI:

Schwartz, I. David
Tercica Protocol MS301: Recombinant Human Insulin-Like Growth Factor-1 (rhIGF-1) Treatment of Prepubertal Children with Growth Failure Associated with Primary IGF-1 Deficiency: A Phase 3, Randomized, Open-Label, Observation-Controlled, Multicenter, Parallel 1,569
Sponsor: Tercica, Inc.
Co-PI:

"The GH Monitor" - The Clinical Registry for Growth Hormone Therapy - 18140-JA10 5,750
Sponsor: Serono, Inc.
Co-PI:

MS 306 Recombinant Human Insulin-Like Growth Factor-1 (rhigf-1) Treatment of Children and Adolescents with Growth Failure Associated with Primary igf-1 Deficiency: an Open-Label, Multicenter, Extension Study - 18140-JA12 850
Sponsor: Tercica, Inc.
Co-PI:

Pharmacology, Physiology & Neuroscience
Wilson, Steven
Role of ASIC3 in the Etiology of Fibromyalgia - 18080-FA11 34,767
Sponsor: University of Iowa/NIH
Co-PI:
## Sponsored Awards Management (SAM)
January, 2007  New Awards

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<tr>
<th>Sponsor</th>
<th>Project Description</th>
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<tr>
<td><strong>Radiology</strong>&lt;br&gt;Adcock, David</td>
<td>Medical Surveillance Program - Former Production Workers - Phase II year 6 - 18180-FA00</td>
<td>Medical University of South Carolina/DOE</td>
<td>27,276</td>
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<tr>
<td><strong>Research &amp; Special Projects</strong>&lt;br&gt;Howe, Duncan</td>
<td>Marlboro County Health Access Program: Improving Access to Health Care for the Working Poor - 18360-KL06</td>
<td>Sisters of Charity Foundation of South Carolina</td>
<td>75,000</td>
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<td><strong>Public Health, Arnold School of</strong>&lt;br&gt;Deliyski, Dimitar</td>
<td>Efficacy of Laryngeal High-Speed Videoendoscopy - 11560-FA04</td>
<td>National Institute of Deafness and Other Communication Disorders (NIDCD)/NIH</td>
<td>125,000</td>
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<td>****&lt;br&gt;Frank, Elaine</td>
<td>GA: Jacqueline Seims - 11560-JP04</td>
<td>Blue Choice HealthPlan</td>
<td>2,020</td>
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<td>****&lt;br&gt;Greenville Hospital Systems Support for BICOEE Research Faculty Position - 11560-LA00</td>
<td>Greenville Hospital Systems</td>
<td>56,000</td>
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<td><strong>Environmental Health Sciences</strong>&lt;br&gt;Sabo-Attwood, Tara</td>
<td>Mechanisms of Asbestos-Induced Clca1 and Mucin in Lung Epithelium - 11510-FB11</td>
<td>National Institute of Environmental Health Sciences (NIEHS)/NIH</td>
<td>106,386</td>
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Epidemiology & Biostatistics
Hebert, James
A Randomized, Parallel, Open-Label Study to Compare Once Per Day Sevelamer Carbonate Powder Dosing with Three Times Per Day Sevelamer Hydrochloride Tablet Dosing in Chronic Kidney Disease Patients on Hemodialysis.
- 11520-JA03
  Sponsor: Genzyme Corporation
  Co-PI:
Hussey, James
GA: Michael Smith - 11520-GP37
  Sponsor: SC Department of Health and Environmental Control (DHEC)
  Co-PI:

Exercise Science
Pate, Russ
Trial of Activity for Adolescent Girls - Minority Supplement (Year 2) - 11530-FA32
  Sponsor: National Heart, Lung and Blood Institute (NHLBI)/NIH
  Co-PI:
Wilcox, Sara
Evaluation of Active for Life: 2007 Supplemental Funding - 11570-KA16
  Sponsor: The Robert Wood Johnson Foundation
  Co-PI:

Health Services & Policy Research, Center for
Dauner, Kimberly
Evaluation of ADRC Expansion Grant: Building Upon Success - 11580-FA20
  Sponsor: SC Lieutenant Governor's Office on Aging/Administration on Aging/HHS
  Co-PI:
Gillam, Pamela
SCDHHS PERM FY2007 Contract - 11580-FA21
  Sponsor: SC Department of Health and Human Services/HHS
  Co-PI:
A Study of DDSN Licensing Functions - 11580-FL15
  Sponsor: SC Department of Health and Human Services/HHS
  Co-PI:
Health Services Policy and Management

Laditka, Sarah

GA: Allyson Jarry - 11550-JP65  
Sponsor: Columbia Cardiology Consultants  
Co-PI:

4,000

GA: Angela Templeton - 11550-LP89  
Sponsor: Palmetto Health Richland Care  
Co-PI:

4,000

McTigue, James

GA: Brian Lambert - 11550-GP24  
Sponsor: SC Department of Health & Environmental Control (DHEC)  
Co-PI:

1,794

GA: Divya Reddy - 11550-GP27  
Sponsor: SC Department of Health & Environmental Control (DHEC)  
Co-PI:

4,000
Sponsored Awards Management (SAM)

January, 2007   New Awards

Stoskopf, Carleen
GA: Christopher Ketchie - 11550-JP66
   Sponsor: Physician Services of South Carolina
   Co-PI:

   Sponsor: Palmetto Family Medicine of Columbia, PA
   Co-PI:

GA: Omar Beig - 11550-JP68
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:

GA: Deyega Harris - 11550-JP69
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:

GA: Duriel Garner - 11550-LP88
   Sponsor: Palmetto Health Research Administration and Clinical Trials
   Co-PI:

GA: Blake D. Kyzer - 11550-LP90
   Sponsor: Palmetto Health
   Co-PI:

GA: David Hilton - 11550-LP91
   Sponsor: Lexington Medical Center
   Co-PI:

Research & Nutrition & Health Disparities, Center for
Mayer-Davis, Elizabeth
Diabetes Prevention Program Outcomes Study (DPP OS) - 11590-FA15
   Sponsor: George Washington University/NIH
   Co-PI:

   Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY)
   - 11590-FA16
   Sponsor: George Washington University/NIH
   Co-PI:
Social Work, College of

Social Work, College of
Ward, James
GA: Karen Pellitier - 15900-HP13
  Sponsor: Mecklenburg County Community Support Services, Women's Commission Division
  Co-PI:

GA: Erin Hoover - 15900-KR06
  Sponsor: Catholic Diocese of Savannah - Catholic Pastoral Center
  Co-PI:

GA: Dwa’lla Dickerson - 15900-LP60
  Sponsor: Clarity Counseling Services, Inc.
  Co-PI:

GA: Cindy Austin-Young - 15900-LP61
  Sponsor: Palliative Care and Hospice of Catawba Valley
  Co-PI:

GA: Kevin Graham - 15900-LP62
  Sponsor: A&G Associates
  Co-PI:

GA: Jeannine Slevin - 15900-LP63
  Sponsor: Cooper Riis Healing Farm
  Co-PI:

USC Aiken

USC Aiken
Smith, Garriet
Coral Reef Targeted Research - 17110-LA00
  Sponsor: World Bank / The University of Queensland
  Co-PI:
**USC Upstate**

**USC Upstate**

Bohannan, Patricia

*Human Genetics and Graduate Nursing Education - 17880-K134*

- **Sponsor:** Carolina Piedmont Foundation
- **Co-PI:**

Dowell, Marsha

*Human Patient Simulators - 17880-KQ01*

- **Sponsor:** Carolina Piedmont Foundation/The Fullerton Foundation
- **Co-PI:** Dent, Susan

**Report Total:**  $7,561,334