Sponsored Awards Management (SAM)
Individual Awards - FY2010

Arts and Sciences, College of

Anthropology

Buxhoeveden, Daniel
Science and the Orthodox Church in North America - ( 12570-KA00 )
   Sponsor: John Templeton Foundation
   Co-PI: Poole, Dennis

Simmons, David
NSF Graduate Fellowship (Jeremy VanderKnyff) - ( 13590-FA03 )
   Sponsor: National Science Foundation (NSF)
   Co-PI: VanderKnyff, Jeremy

Toumey, Chris
Religious Reactions to Nanotechnology - ( 22040-FA31 )
   Sponsor: National Science Foundation (NSF)
   Co-PI: Besley, John

Unit Total: 317,909

Archaeology & Anthropology, SC Institute of

Brooks, Mark
Cultural Resource Management on the SRS - ( 21300-F110 )
   Sponsor: US Department of Energy (DOE)
   Co-PI:

Dawson, Audrey
Survey of the Proposed Florence/Darlington Technical College (FDTC) FMS Site (Florence III)
   - ( 21300-FA60 )
   Sponsor: SC National Guard/DOD
   Co-PI:

Goldstein, David
From Field to Table: Historical Ecology of Regional Subsistence Strategies - ( 21300-FA58 )
   Sponsor: The Humanities Council SC/NEH
   Co-PI:
Rice, Nena

Archaeology Month Poster - ( 21300-FL02 )  
**Sponsor:** SC Department of Archives and History/DOI  
**Co-PI:**

Smith, Steven

Defining the Williamson’s Plantation Battlefield - ( 21300-FA57 )  
**Sponsor:** Culture and Heritage Commission of York County/National Park Service/DOI  
**Co-PI:**

Historical Eligibility Evaluation of National Guard Armory Buildings at 15 Locations, South Carolina - ( 21300-FA59 )  
**Sponsor:** SC Army National Guard/DOD  
**Co-PI:**

National Register Evaluation, Allendale Armory - ( 21300-GA22 )  
**Sponsor:** SC Army National Guard  
**Co-PI:**

**Unit Total:** 677,211

**Art**

Heid, Karen

The 2008 NAEP Arts Assessment Reevaluated: Replication and Analysis - ( 12510-KA23 )  
**Sponsor:** National Art Education Foundation  
**Co-PI:**

Hogue, Susan

'Dreadful Sorry' Film Production Collaboration - ( 12510-GA05 )  
**Sponsor:** SC Film Commission/SC Department of Parks, Recreation & Tourism (SCPRT)  
**Co-PI:** jennings, richard

**Professional Workshops for Media** (Aug 09 - Dec 09) - ( 12510-GJ03 )  
**Sponsor:** SC Film Commission/SC Department of Parks, Recreation & Tourism  
**Co-PI:** Henderson, James

Spring 2010 Workshops for Media - ( 12510-GJ04 )  
**Sponsor:** SC Film Commission/SC Department of Parks, Recreation & Tourism  
**Co-PI:**
Tarr, Simon
Humanities Gaming: Building Serious Games for Research and Pedagogy - ( 12510-FJ00 )
Sponsor: National Endowment for the Humanities (NEH)
Co-PI: Cooley, Heidi

Unit Total: 217,951

Arts and Sciences - (Dean)
Fitzpatrick, Mary Anne
Subcontract, USC and Morehouse School of Medicine - ( 12100-KL00 )
Sponsor: Morehouse School of Medicine/W.K. Kellogg
Co-PI:

Subcontract, USC and Morehouse School of Medicine - ( 12500-KL01 )
Sponsor: Morehouse School of Medicine/W.K. Kellogg
Co-PI:

Unit Total: 250,000

Baruch Institute
Allen, Wendy
North Inlet-Winyah Bay National Estuarine Research Reserve - ( 21600-FB68 )
Sponsor: NOAA Estuarine Reserves Division/DOC
Co-PI:

North Inlet-Winyah Bay National Estuarine Research Reserve - ( 21600-FB84 )
Sponsor: NOS Office of Ocean & Coastal Resource Management (OCRM)/NOAA
Co-PI:
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Greenfield, Dianne
Investigation and Mitigation of Algal Blooms and Pollutants in Coastal Stormwater Ponds, Tidal Creek, and Estuarine Systems - (21600-FB74) 5,874
Sponsor: SC Department of Natural Resources (DNR)/SC Sea Grant/DOC
Co-PI:

Linking Changes in Plankton Biodiversity to Increased Human Exposure to Pathogens and Potential for Using the Global Earth Observing System to Monitor and Predict Such Threats - (21600-FB75) 8,485
Sponsor: SC Department of Natural Resources (SCDNR)/NOAA
Co-PI:

Improved Understanding of Factors that Influence Distribution, Growth, and Toxin Production by a Novel Stigonematal Algae and the Link to Avian Vacuolar Myelinopathy - (21600-FB77) 12,635
Sponsor: University of Georgia/Army Corps of Engineers
Co-PI:

Utilizing HABISS to Document, Analyze, and Interpret the Impacts of Harmful Algal Blooms and their Associated Marine Toxins on Ecosystems and Humans in South Carolina - (21600-FB78) 29,068
Sponsor: SC Sea Grant Consortium (SCSGC)/CDC
Co-PI:

Identifying the Causes of and Restoration Alternatives for Water Quality Degradation in the Northern ACE Basin - (21600-GA09) 7,543
Sponsor: SC Department of Natural Resources (SCDNR)
Co-PI:

Lawrenz, Evelyn
The Relative Influence of Underwater Light and Oyster Grazing on Phytoplankton Community Composition in North Inlet Estuary, South Carolina - (21600-FB67) 20,000
Sponsor: National Oceanic & Atmospheric Administration (NOAA)/DOC
Co-PI:

Spectral Irradiance and Light Intensity as Determinants of Growth and Primary Production in Phytoplankton from Blackwater Estuaries - (21600-KA53) 1,000
Sponsor: Slocum-Lunz Foundation
Co-PI:
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<tr>
<td>Morris, James</td>
<td>Strategic Environmental Research and Development Program - Phase 2</td>
<td>RTI International/DOD</td>
<td>120,986</td>
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<td></td>
<td>( 21600-FB47 )</td>
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<td>CESU: Application of a Process Based Numerical Coastal Simulation Model to USGS Data Collection - ( 21600-FB71 )</td>
<td>U.S. Geological Survey (USGS)/DOI</td>
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<td>Guidance for South Carolina on Near-Term Coastal Adaptation Priorities - ( 21600-FB73 )</td>
<td>National Oceanic &amp; Atmospheric Administration (NOAA)/DOC</td>
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<td>Algal Ecology Lab Support - ( 21600-GA08 )</td>
<td>SC Department of Natural Resources (SCDNR)</td>
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# Sponsored Awards Management (SAM)

## Individual Awards - FY2010

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<td>Porter, Dwayne</td>
<td>Isolation of Fecal Coliform Bacteria from the American Alligator (Alligator Mississipiensis) (Michelle Johnston) - (11510-FB31)</td>
<td>28,400</td>
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<td>Co-PI: SC Sea Grant Consortium (SCSGC)/NOAA</td>
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<td>A Metagenomic Approach to Understanding the Impacts of Wastewater Treatment Plants on the Emergence of Antibiotic Resistant Bacteria in Surrounding Ecosystems (Miguel Uyaguari) - (11510-FB32)</td>
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<td>Co-PI: Norman, Robert</td>
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<td>Continuing Support of the NERR Centralized Data Management Office (CDMO) - (21600-FB69)</td>
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<td>The Use of Satellite Spectral Imaging, Remote Sensing Technologies To Detect Climate Change Induced Plant Stress - (21600-FB82)</td>
<td>10,000</td>
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<td>Co-PI: SC Space Grant Consortium/NASA EPSCoR</td>
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<td>Continuing Support of the NERR Centralized Data Management Office - (21600-FB83)</td>
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<td>Quattro, Joseph</td>
<td>OHHI 2008: Using Gene Expression Profiles of Estuarine Grass Shrimp (Palaemonetes pugio) as Biosensors/Monitors of Coastal Ecosystem Health - (21600-FB72)</td>
<td>351,616</td>
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<td>MARFIN: Genetic Evaluation of Population Bottlenecks in GAG (Mycteroperca microlepis) - (21600-FB80)</td>
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<td>Co-PI: SC Department of Natural Resources/NOAA</td>
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### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<tr>
<td>Shervette, Virginia</td>
<td><em>Restoration of Intertidal Oyster Reefs as Habitat for Finfish in South Carolina and Development of Volunteer-friendly Sampling Methods</em></td>
<td>SC Department of Natural Resources (DNR)/NOAA</td>
<td>3,362</td>
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<td>Smith, Erik</td>
<td><em>Determining the Role of Stormwater Ponds as Sources of Bioreactive Organic Carbon and Nitrogen to the Coastal Zone</em></td>
<td>SC Sea Grant Consortium/NOAA</td>
<td>65,743</td>
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<td>Allen, Katherine</td>
<td><em>Genetic Evaluation of Population Bottlenecks in Gag Grouper (Mycteroperca Microlepsis)</em></td>
<td>Slocum-Lunz Foundation</td>
<td>1,200</td>
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<td>Benner, Ronald</td>
<td><em>Collaborative Research (ETBC): Climate Warming and Northern Peatland Decomposition, Accumulation and Carbon Sequestration Examined Through Molecular and Paleohydrological Analysis</em></td>
<td>National Science Foundation (NSF)</td>
<td>398,645</td>
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<td>Chen, Hexin</td>
<td><em>Identification of novel biomarkers for breast cancer stem cells</em></td>
<td>Elsa U. Pardee foundation</td>
<td>100,000</td>
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<td>Connolly, Erin</td>
<td><em>Collaborative Research: Integrating Iron Uptake and Distribution in Plants</em></td>
<td>American Cancer Society</td>
<td>720,000</td>
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**Unit Total:** 2,354,209
### Dixon, Dan

*Post-Transcriptional Regulation in Colorectal Cancer* - (13010-FB64)  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:** Pena, Maria  

### Ely, Berten

*Alfred P. Sloan Foundation Recruiting Support* - (13010-KJ00)  
**Sponsor:** Alfred P. Sloan Foundation/NACME  
**Co-PI:**

**Sponsor:** SC Commission on Higher Education/USDE  
**Co-PI:** Thompson, Stephen  

### Felder, Michael

*A Genetic Stock Center for Peromyscus* - (13010-FB45)  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Szalai, Gabor  

*Peromyscus Laboratory Models for Biomedical Research NCRR Supplement--Translational* - (13010-FB63)  
**Sponsor:** National Center for Research Resources (NCRR)/NIH  
**Co-PI:** Szalai, Gabor  

*Peromyscus Laboratory Models for Biomedical Research* - (13010-FB69)  
**Sponsor:** National Center for Research Resources (NCRR)/NIH  
**Co-PI:** Szalai, Gabor    Vrana, Paul
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<td>Helmuth, Brian</td>
<td>Forecasting Change to Biogeographic Boundaries Using Remotely Sensed Data - (13010-FB28)</td>
<td>National Aeronautics &amp; Space Administration (NASA)</td>
<td>30,000</td>
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<td>Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky</td>
<td>National Science Foundation (NSF)</td>
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<td>Intertidal Ecosystem across a Cascade of Scales - (13010-FB62)</td>
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<td>Higgins, Kevin</td>
<td>EAGER: The Joint Ecological and Genetic Dynamics of Metapopulation Extinction - (13010-FB59)</td>
<td>National Science Foundation (NSF)</td>
<td>154,251</td>
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<td>Hughes, Austin</td>
<td>Evolution of Immune Recognition and Evasion - (13010-FB20)</td>
<td>National Institute of General Medical Sciences (NIGMS)/NIH</td>
<td>201,369</td>
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<td>Co-PI: Friedman, Robert</td>
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<td>Kresovich, Stephen</td>
<td>South Carolina Clinical and Translational Research Institute (CTSA sub-contract with MUSC) - (22000-FA07)</td>
<td>Medical University of South Carolina (MUSC)/NIH</td>
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<td>Lu, Xiongb</td>
<td>Regulation of the ATM/ATR-p53 DNA Damage Signaling Pathway by the Wip1 Phosphatase - (13010-FB53)</td>
<td>National Cancer Institute (NCI)/NIH</td>
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<td>Identification of Novel Protein Phosphatases in the ATM Signaling Pathway - (13010-FB66)</td>
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<td>Roles of Wip1 Phosphatase in Genomic Instability and Tumorigenesis - (13010-KA67)</td>
<td>American Cancer Society</td>
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<td>Center for Colon Cancer Research (Project 6) - (13130-FA33)</td>
<td>National Center for Research Resources (NCRR)/NIH</td>
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<td>Marton, Laszlo</td>
<td>GA: Rakeesh Ponnala - (13010-GP05)</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)</td>
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<td>Genetic Improvement of the Multipurpose Biomass and Remediation Plant, Giant Reed (Arundo donax) - (13010-JA06)</td>
<td>Biomass Gas &amp; Electric, LLC</td>
<td>Czako, Mihaly</td>
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<td>Matesic, Lydia</td>
<td>Elucidating the Role of the Ubiquitin Ligase Wwp1 in Postnatal Cardiac Remodeling and in Hypertrophic Cardiomyopathy - (13010-KA60)</td>
<td>American Heart Association (AHA)</td>
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<td>Morris, James</td>
<td>Plum Island Ecosystems LTER - (21600-FA67)</td>
<td>Marine Biological Laboratory/NSF</td>
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Mousseau, Timothy
Natural Resources Personnel Human/Wildlife Interaction Risk Management Model (Task 3) - ( 13010-FB52 )
Sponsor: CESU: Marine Corp-Parris Island/DOD
Co-PI: Welch, Shane Waldron, Jayme

South Carolina EPSCoR/IDeA Postdoctoral Academic Career Development Program(PACD) - Dr. Shane Welch - ( 13010-FB54 )
Sponsor: SC EPSCoR / National Center for Research Resources (NCRR)/NIH
Co-PI: Welch, Shane

Habitat Characterization of Headwater Seepage Wetlands on the SC Coastal Plain - ( 13010-FB67 )
Sponsor: SC Department of Natural Resources/US Fish & Wildlife Service/DOI
Co-PI:

SC Graduate Steps to STEM - ( 13010-FJ00 )
Sponsor: National Science Foundation (NSF)
Co-PI: Benner, Ronald Torres, Raymond Vogt, Richard Tedeschi, David

SC STEPs to STEM - ( 13010-FL08 )
Sponsor: National Science Foundation (NSF)
Co-PI: Knapp, Loren Johnson, Ann Buell, Duncan Meade, Douglas

An ESCoR Desktop to Teragrid EcoSystem: Integrating Campus-based with National Cyberinfrastructure in a Flat World - ( 65200-FA00 )
Sponsor: SC Research Authority (SCRA)/NSF
Co-PI:

Patel, Rekha
To Investigate the Molecular Mechanism of DYT16 Dystonia. - ( 13010-KA66 )
Sponsor: Dystonia Medical Research Foundation
Co-PI:

Pena, Maria
Center for Colon Cancer Research (Project 4) - ( 13130-FA31 )
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:

Center for Colon Cancer Research (Mouse Core) - ( 13130-FA34 )
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
Richardson, Tammi
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and Imaging Multivariate Optical Computing (IMOC) - (21600-FB85)  
Sponsor: National Science Foundation (NSF)  
Co-PI: Myrick, Michael  
Sponsor: National Science Foundation (NSF)  
Co-PI: Shaw, Timothy

Sawyer, Roger
GAANN Program in the Department of Biological Sciences - (13000-FJ03)  
Sponsor: US Department of Education (USDE)  
Co-PI: Lovell, Charles

Showman, Richard (Rich)
UVA Subaward: Improving STEM Retention through Instruction: Leveraging Faculty Expertise - (15250-FA20)  
Sponsor: Univ of Virginia/NSF  
Co-PI:

Smith, Deanna
Examining the Role of the Lissencephaly Protein, Lis1, in Dynein-Based Transport - (13010-FB33)  
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH  
Co-PI:

Examining the Role of the Lissencephaly Protein, Lis1, in Dynein-Based Transport (Equipment Supplement) - (13010-FQ00)  
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH  
Co-PI:

Stratmann, Johannes
Role of the COP9 Signalosome and its Subunit CSN5 for Regulation of MAPK Pathways and Defense Responses in Tomato. - (13010-FB40)  
Sponsor: National Science Foundation (NSF)  
Co-PI:

REU SUPPLEMENT - Role of the COP9 Signalosome and its Subunit CSN5 in the Regulation of MAPK Pathways and Defense Responses in Tomato.  
Sponsor: National Science Foundation (NSF)  
Co-PI:
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Toscano, Benjamin

Linking the Functional Traits of Crab Predators to Ecosystem Processes in Oyster Reefs - (21600-KA54)

Sponsor: Slocum-Lunz Foundation
Co-PI:

Tufford, Daniel

Coordinator for the Gills Creek Watershed Association - (10060-KL03)

Sponsor: Richland County Conservation Commission/Gills Creek Watershed Association
Co-PI: Kloot, Robin

Habitat Characterization of Seepage Slope Wetlands on the SC Coastal Plain - (13010-FB37)

Sponsor: SC Department of Natural Resources/US Fish and Wildlife Service/DOI
Co-PI:

Development of a Strategic Plan for the Crane Creek Watershed - (13010-HA00)

Sponsor: Richland County
Co-PI:

Lake Wateree Water Quality Data Acquisition and Analysis - Extension - (13010-KA59)

Sponsor: Lake Wateree Association, Inc.
Co-PI:

GA: April Taylor - (13010-KP00)

Sponsor: Southern Environmental Law Center
Co-PI:

Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea-Level Conditions - (21600-FB76)

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

Sediment Phosphorus Flux Measurement in Lake Wateree, SC - (21600-FB81)

Sponsor: Clemson University/USGS/DOI
Co-PI: Porter, Dwayne
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Vance, Vicki
The Role of Arabidopsis RAV2 in Viral Suppression of RNA Silencing - (13010-FB30) 84,889
Sponsor: National Science Foundation (NSF)
Co-PI: Bowman, Lewis

Seed Grant to Address the Role of Specific, Highly Abundant Viral Small RNAs in Viral Pathogenesis in Corn - (13010-FB68) 150,000
Sponsor: US Department of Agriculture (USDA)
Co-PI:

Vogt, Richard
Characterization of Olfactory Proteins of the Yellow Fever Mosquito Aedes aegypti as Targets for the Study of Chemosensory Deterrents - (13010-FB29) 40,000
Sponsor: US Department of Agriculture (USDA)
Co-PI:

Waldman, Alan
RecQ Helicases and Genomic Instability - (13010-FB41) 242,352
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI: Waldman, Barbara

Administrative Supplement: RecQ Helicases and Genomic Instability - (13010-FB61) 239,134
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI: Waldman, Barbara

Woodin, Sarah
Linking Infaunal Hydraulic Activities, Porewater Flow and Biogeochemical Processes in Marine Sediments - (13010-FB60) 591,351
Sponsor: National Science Foundation (NSF)
Co-PI: Wethey, David Lovell, Charles

Unit Total: 9,979,907
Chemistry & Biochemistry

Adams, Richard

Hybrid Organic-Inorganic Composite Solar Cells for Efficient, Low-Cost, Photoelectric Energy Conversion - (13020-FB30)

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

Unsaturated Heterometallic Cluster Complexes for Hydrogen Activation and Catalytic Hydrogenations - (13020-FB47)

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

Journal of Organometallic Chemistry - (13020-J401)

   Sponsor: Elsevier Science, Inc.
   Co-PI:

Angel, S.

Remote Detection of High Explosive Vapors/Residues using Micro-Impulse Radar with Selective Multiphoton Laser Ionization and Sample Ablation (Micro-Impulse REMPI RADAR) - (13020-FB45)

   Sponsor: Office of Naval Research (ONR)
   Co-PI:
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<td>Benicewicz, Brian</td>
<td>Designed Interfaces in Polymer Nanocomposites via RAFT Polymerization - ( 13020-FB73 )</td>
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<td>Advanced Hydrogen Reformate Stream Purifier for Fuel Cell Applications - ( 13020-FB74 )</td>
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<td>Polybenzimidazoles for High Temperature, High Conductivity Membranes - ( 13020-FB82 )</td>
<td>Rensselaer Polytechnic Institute/DOE</td>
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<td>Extension of Nanodielectric Technology to Capture a Measure of Self-Healing Capability - ( 13020-KA63 )</td>
<td>Rensselaer Polytechnic Institute/Electric Power Research Institute, Inc.</td>
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<td>Designed Interfaces in Polymer Nanocomposites via RAFT Polymerization - ( 22040-FA29 )</td>
<td>Rensselaer Polytechnic Institute/NSEC/NSF</td>
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<td>Understanding the Structure-Property Relationships in Polybenzimidazole Films for High-Temperature Gas Separations - ( 22040-FA32 )</td>
<td>Los Alamos National Laboratory (LANL)/DOE</td>
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<td>Berg, Mark</td>
<td>Condensed-Phase Dynamics Resolved by Multidimensional Population Spectroscopy - ( 13020-FB51 )</td>
<td>National Science Foundation (NSF)</td>
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<td>Chen, Donna</td>
<td>Controlling Structural, Electronic and Energy Flow Dynamics of Catalytic Processes Through Tailored Nanostructures - ( 13020-FB79 )</td>
<td>University of Central Florida/DOE</td>
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<td>Dawson, John</td>
<td>Reactivity of Transient Cyt P450 Oxygen Intermediates</td>
<td>National Institute of General Medical Sciences (NIGMS)/NIH</td>
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<td>Optical Limiting Materials Based on Gold Nanoparticles</td>
<td>Air Force Research Laboratory/DOD</td>
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<td>REU Supplement: Mechanistic and Structural Studies of Novel Heme-Containing Enzymes</td>
<td>National Science Foundation (NSF)</td>
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<td>Editing: Journal of Inorganic Biochemistry</td>
<td>Elsevier Science, Inc.</td>
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<td>Ferguson, P.</td>
<td>Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment</td>
<td>National Science Foundation (NSF)</td>
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<td>Murphy, Catherine</td>
<td>Hybrid Organic-Inorganic Composite Solar Cells for Efficient, Low-Cost, Photovoltaic Energy Conversion</td>
<td>US Department of Energy (DOE)</td>
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<td>RUI: Surface-Engineered Nanoparticles to Inhibit Protein Aggregation (subcontract to South Carolina State U)</td>
<td>SC State University/NSF</td>
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<td>Journal of Physical Chemistry Editorship</td>
<td>American Chemical Society</td>
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Myrick, Michael
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and Imaging Multivariate Optical Computing (IMOC) - (13020-FB84)
Sponsor: National Science Foundation (NSF)
Co-PI:

Outten, Caryn
Glutathione and Redox Control in the Mitochondrial Intermembrane Space - (13020-FB81)
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:

Outten, Franklin
Characterization of the Suf Fe-S Cluster Biosynthesis Pathway Under Stress - (13020-FB25)
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:

Administrative Supplement: Characterization of the Suf Fe-S Cluster Biosynthesis Pathway Under Stress - (13020-FQ03)
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI:

Center for Colon Cancer Research (Project 2) - (13130-FA29)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:

Pellechia, Perry
Invista NMR Service - (13020-JL02)
Sponsor: Invista S.a.r.L
Co-PI:
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<td>Shaw, Timothy</td>
<td>Collaborative Research: Free-Drifting Icebergs as Proliferating Dispersion</td>
<td>National Science Foundation (NSF)</td>
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<td>Sites of Iron Enrichment, Organic Carbon Production and Export in the Southern</td>
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<td>Ocean - (13020-FB33)</td>
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<td><strong>Sensors for Characterization of Phytoplankton Size and Taxonomic Composition</strong></td>
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<td>Using Spectral Fluorescence Signatures and Imaging Multivariate Optical</td>
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<td>Computing (IMOC) - (13020-FB85)</td>
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<td>Shimizu, Ken</td>
<td>A Molecular Balance for Studying the Non-Covalent Interactions of Aromatic</td>
<td>National Science Foundation (NSF)</td>
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<td>Surfaces - (13020-FB72)</td>
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<td>Sodetz, James</td>
<td>Structure/Function of Terminal Complement Proteins - (13020-FB37)</td>
<td>National Institute of General Medical</td>
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<td>Sciences (NIGMS)/NIH</td>
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<td>Purified Human Complement Proteins - (13020-JA05)</td>
<td>Advanced Research Technologies</td>
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<td><strong>Synthesis of Green Polymers from Gum Rosin</strong> - (22040-KA12)</td>
<td>American Chemical Society</td>
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Page 19
Thompson, Paul

Haloacetamidine Based Inactivators of Protein Arginine Deiminase 4 - ( 13020-FB20 )

- **Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH
- **Co-PI:** Ferguson, P.

Haloacetamidine based inactivators of Protein Arginine Deiminase 4 (Minority Supplement for Larry Jones) - ( 13020-FB70 )

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

Administrative Supplement: Haloacetamidine-based inactivators of Protein Arginine Deiminase 4 - ( 13020-FB78 )

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

Center for Colon Cancer Research (Project 5) - ( 13130-FA32 )

- **Sponsor:** National Center for Research Resources (NCRR)/NIH
- **Co-PI:** Lavigne, John

Twining, Benjamin


- **Sponsor:** National Science Foundation (NSF)
- **Co-PI:**
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<td>Structure-Composition-Property Relationships of Complex Bismuth Oxide Based Photocatalysts</td>
<td>US Department of Energy (DOE)</td>
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<td>New Luminenescent Materials for Near UV LEDs</td>
<td>LuminOF, LLC/DOE</td>
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<td>Structure-Composition-Property Relationships of Complex Bismuth Oxide Based Photocatalysts (State Matching account for 22040-FA28)</td>
<td>SC EPSCoR Program</td>
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<td>Novel Nanotechnology using Pressure-Induced Auxetic Materials</td>
<td>Yonsei University/Korea Ministry of Education, Science and Technology (MEST)</td>
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Wang, Qian

Synthesis of Functional Composite Nanofibers Templated by 1D Self-assembly of Tobacco Mosaic Virus - (13020-FB26)

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

CAREER: Development of Hierarchical Plant Virus Assemblies for Probing Cell-Matrix Interactions - (13020-FB44)

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

Bio Templated Synthesis of Composite Nano "Yin Yang"-Rod - (13020-FB69)

Sponsor: US Army RDECOM/DOD
Co-PI:

1D and 2D Assembly of Plant Viruses for Materials Development - (13020-FB76)

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

Production of Tobacco Mosaic Virus to Support the Research Projects at NRL - (13020-FL03)

Sponsor: Naval Research Laboratory (NRL)/DOD
Co-PI:

1D and 2D Assembly of Plant Viruses for Materials Development (State Matching account for 13020-FB76) - (13020-GA13)

Sponsor: SC EPSCoR
Co-PI:
zur Loye, Hans-Conrad

**Materials Discovery by Crystal Growth: A Synthetic Strategy to Prepare Complex Oxides from High Temperature Solutions** - (13020-FB50)

- **Sponsor:** National Science Foundation (NSF)
- **Co-PI:**
- **Amount:** 100,000

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**SCUREF: SC0230 Amide/Borohydride Structural Analysis** - (13020-FB62)

- **Sponsor:** SCUREF/WSRC/DOE
- **Co-PI:**
- **Amount:** 51,171

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**REU: Materials Discovery by Crystal Growth: A Synthetic Strategy to Prepare Complex Oxides from High Temperature Solutions** - (13020-FB68)

- **Sponsor:** National Science Foundation (NSF)
- **Co-PI:**
- **Amount:** 11,250

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**Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems** - (13020-FB75)

- **Sponsor:** US Department of Energy (DOE)
- **Co-PI:**
- **Amount:** 79,172

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**Wide Temperature, High Energy Density Capacitors for Power System Conditioning** - (13020-FB80)

- **Sponsor:** Luna Innovations/DOD
- **Co-PI:**
- **Amount:** 27,500

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**DEPSCOR 08 - Polymer Nanocomposites as Future Materials for Defense and Energy Applications: High Energy Density Storage Systems with Reduced Size and Weight for Pulse Power Applications (State Match for 13020-FB54)** - (13020-GA14)

- **Sponsor:** SC EPSCoR
- **Co-PI:** Ploehn, Harry
- **Amount:** 5,618

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**Operating Support for the Journal of the South Carolina Academy of Science** - (13020-KL01)

- **Sponsor:** SC Academy of Science
- **Co-PI:**
- **Amount:** 2,000

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**Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems** - (15540-FB34)

- **Sponsor:** US Department of Energy (DOE)
- **Co-PI:**
- **Amount:** 0
Sponsored Awards Management (SAM)
Individual Awards - FY2010

COEE - (22000-GA04)
Sponsor: SC General Assembly
Co-PI:
Unit Total: 1,346,577

Unit Total: 6,508,043

COBRE: Center for Colon Cancer Research
Berger, Franklin
Thymidylate synthase and fluorodeoxyuridine resistance - (13010-FB46)
Sponsor: National Institutes of Health (NIH)
Co-PI: Pena, Maria
184,464

COBRE: Administrative Core - (13130-FA11)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
2,211

Center for Colon Cancer Research (Seed Project) - (13130-FA28)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
21,232

Center for Colon Cancer Research (Admin Core) - (13130-FA35)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
21,268

Center for Colon Cancer Research (Seed Grants) - (13130-FA39)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
10,000

Center for Colon Cancer Research (Start Up Funds) - (13130-FA40)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
10,000

Administrative Supplement: Center for Colon Cancer Research (ARRA Funds) - (13130-FA41)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI: Chen, Hexin Wang, Qian
400,000

Center for Color Cancer Research: Predicting The Response To Treatment Using Gene Mutation Profiling In Metastatic Melanoma Patients - (13130-FA42)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI: Buckhaults, Phillip
75,000
### Sponsored Awards Management (SAM)
#### Individual Awards - FY2010

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<td>Davis, Anjelica</td>
<td>Shop Talk Movement: An Evidence-Based Approach to Increase Colorectal Cancer Awareness and Screening in Beauty Salons and Barbershops in SC - (13130-KL01)</td>
<td>American Cancer Society</td>
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<td>Building Bridges between Police Researchers and Practitioners: Agents of Change in a Complex World - (12200-FA14)</td>
<td>National Institute of Justice (NIJ)/DOJ</td>
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<td>Fagan, Abigail</td>
<td>The Community Youth Development Study: A Test of Communities that Care - (12200-FA11)</td>
<td>Univ of Washington/NIH</td>
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<td>SC Department of Public Safety</td>
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<td>Wright, Emily</td>
<td>Exposure to Intimate Partner Violence: Gendered and Contextual Effects on Adolescent Interpersonal Violence, Drug Use, and Mental Health Outcomes - (12200-FA13)</td>
<td>National Institute of Justice (NIJ)/DOJ</td>
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**Earth and Ocean Sciences**

**Barbeau, David**

**COLLABORATIVE RESEARCH: IPY: Testing the Polar Gateway Hypothesis: An Integrated Record of Drake Passage Opening & Antarctic Glaciation -** (13040-FB41)

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

**Co-PI:** Thunell, Robert

195,901

**Barbeau, David**

**Collaborative Research: Austral Portals Workshop: Tectonics, Paleogeography and Biogeography -** (13040-FB70)

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

**Co-PI:**

7,500

**Benitez-Nelson, Claudia**

**Persistence and Fate of Domoic Acid in the Santa Barbara Basin -** (13040-FB60)

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

**Co-PI:**

58,454

**Spatial and Temporal Variability in Chlorophyll, Primary Production and Export Production in the Southern Ocean -** (13040-FB64)

**Sponsor:** University of California, San Diego/NASA

**Co-PI:**

48,749

**Bizimis, Michael**

**Collaborative Research: Serpentinization and Cycling of B, Nd and Sr in Submarine Hydrothermal Systems: An Experimental Study on the Effects of pH and Temperature -** (13040-FB69)

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

**Co-PI:**

173,958

**Hougham, Andrea**

**Improving Radium-based Submarine Groundwater Discharge Estimates: Implications for Coastal Nutrient Cycling -** (21600-FB66)

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

**Co-PI:**

20,000
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<td>Kellogg, James</td>
<td><em>Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences</em> - (13040-J400)</td>
<td>Elsevier Science, Ltd.</td>
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<td><em>GEGEO-Technical and Scientific Cooperation Between the National University of Equatorial Guinea and the University of South Carolina</em> - (13040-LA02)</td>
<td>ExxonMobil Equatorial Guinea, Inc.</td>
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<td>Knapp, Camelia</td>
<td><em>Processing and Interpretation of TGS-NOPEC Industry Seismic Data and Integration with Existing Surface-Source/Deep-Receiver (SSDR) High Resolution Seismic Data at MC118, Gulf of Mexico</em> - (13040-FB53)</td>
<td>Univ of Mississippi (Mississippi Mineral Resources Institute)/DOE</td>
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<td>Knapp, James</td>
<td><em>Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage</em> - (13040-FB74)</td>
<td>US Department of Energy (US DOE/NETL)</td>
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<td><em>Seismic Interpretation of the South Georgia Basin Complex</em> - (13040-FB77)</td>
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<td>Moore, Willard</td>
<td><em>Collaborative Research: GEOTRACES Atlantic Section: Trace Element Sources and Sinks Elucidated by Short-Lived Radium and Thorium Isotopes</em> - (13040-FB72)</td>
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<td>Owens, Thomas</td>
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<td><em>Operation of the Mid-America Integrated Seismic Network - 2010-2014 - USC</em> - (13040-FL03)</td>
<td>US Geological Survey/DOI</td>
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Individual Awards - FY2010

Scher, Howard
The Pacific Equatorial Age Transect; Expedition 320 of the Integrated Ocean Drilling Program - ( 13040-FB66 )
Sponsor: Consortium for Ocean Leadership/NOAA plus other Federal agencies
Co-PI:

Collaborative Research: US GEOTRACES North Atlantic Section - Nd Isotope Distribution: Sources, Sinks and Internal Cycling - ( 13040-FB73 )
Sponsor: National Science Foundation (NSF)
Co-PI:

Thunell, Robert
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program - ( 13040-FB59 )
Sponsor: National Science Foundation (NSF)
Co-PI:

Sediment Trapping Program in the Gulf of Mexico - ( 13040-FB75 )
Sponsor: US Geological Survey (USGS)/DOI
Co-PI:

Isotopic Analyses of Foraminifera - ( 13040-FB78 )
Sponsor: US Geological Survey (USGS)/DOI
Co-PI:

Torres, Raymond
Remote Bathymetric Measurements with NCAM - ( 13040-FB62 )
Sponsor: SC Universities Research & Education Foundation (SCUREF)/DOE
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<td>Integration of Coastal Observations and Assets in the Carolinas in Support</td>
<td>Univ of North Carolina Wilmington/DOC</td>
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<td>of RCOOS Development in SECOORA - ( 13040-FB42 )</td>
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<td>RCOOS Development in SECOORA: HF Radar - University of South Carolina FWRI</td>
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<td>(Year 2: 08/01/2009 - 07/31/2010) - ( 13040-FB71 )</td>
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<td>Characterization of Wave and Current Energy Levels in Estuarine Waters for</td>
<td>SC Sea Grant Consortium (SCSGS)/NOAA</td>
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<td>29,884</td>
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<td>Ecological and Particulate Dispersion Studies: Case Study Winyah Bay, SC -</td>
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<td>( 13040-FB76 )</td>
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<td>Collaborative Research: Volcanic Eruptions on the Galapagos Spreading</td>
<td>National Science Foundation (NSF)</td>
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<td>Center: Effect of Variable Magma Supply on Eruption and Magma Chamber</td>
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<td>Processes on Mid-Ocean Ridges - ( 13040-FB67 )</td>
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<td>Collaborative Research: Groundwater Dynamics of a Barrier Island - ( 13040</td>
<td>National Science Foundation (NSF)</td>
<td>Moore, Willard</td>
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<td>-FB37 )</td>
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<td>Collaborative Research: Genesis of Primitive, High-Sr Lavas in the Western</td>
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<td>Aleutians - ( 13040-FB40 )</td>
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**Unit Total**: 3,127,168
Sponsored Awards Management (SAM)
Individual Awards - FY2010

**Earth Sciences & Resources Institute**

**Kloot, Robin**

Determine Source(s) Of Fecal Contamination in Toms Creek Watershed Entering Congaree National Park - (24400-FA13)  
*Sponsor:* National Park Service (NPS)/DOI  
*Co-PI:*  
25,021

Development of SC CNMP/Nutrient Management Template for MMP and Legacy Application Support for NRCS-SC Based Applications - (24400-FA16)  
*Sponsor:* Natural Resources Conservation Services/USDA  
*Co-PI:*  
36,661

Use of Video Medium for Recruiting, Outreach, Training and Education - (24400-FA17)  
*Sponsor:* Natural Resources Conservation Service (NRCS)/USDA  
*Co-PI:*  
74,954

Hydrologic Effects - Bowers Pond Project - (24400-JA17)  
*Sponsor:* Milliken Forestry Co., Inc.  
*Co-PI:*  
5,765

**Shafer, John**

Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage - (24400-FA18)  
*Sponsor:* US Department of Energy (US DOE/NETL)  
*Co-PI:* Knapp, James    Knapp, Camelia    Waddell, Michael  
440,403

**English**

**Cream, Randall**

The Sapheos Project: Transparency in Multi-Image Collation, Analysis, and Representation - (12530-FA09)  
*Sponsor:* National Endowment for the Humanities (NEH)  
*Co-PI:* Wang, Song    Miller, David  
49,918

**Dubinsky, Stanley**

Humanities Gaming: Building Serious Games for Research and Pedagogy - (12530-FJ00)  
*Sponsor:* National Endowment for the Humanities (NEH)  
*Co-PI:*  
83,334

Unit Total: 582,804
Gehrke, Pat

NIRT: Intuitive Toxicology and Public Engagement - ( 22040-FA25 )

Sponsor: NC State University/NSF
Co-PI: Elliott, Kevin

160,837

Miller, David

The Spenser Project - ( 12530-FA10 )

Sponsor: Washington University/NEH

16,946

Woertendyke, Gretchen

Romance to Novel in Early America - ( 12530-KA21 )

Sponsor: American Council of Learned Societies (ACLS)

35,000

Environment, School of the

Barnes, Phil

A Study on Energy Use and Conservation at the Naval Hospital Beaufort: Assessment, Planning, and Implementation (Task 4)

Sponsor: US Army Corps of Engineers/DOD

26,034

Coull, Bruce

SC Lowcountry Humans and Nature Program - ( 10060-KL00 )

Sponsor: Donnelley Family Trusts

21,396

South Carolina Lowcountry Initiative of the Center for Humans and Nature

Supplemental Funding - ( 10060-KL04 )

Sponsor: Center for Humans and Nature

57,120

Unit Total: 346,035
Fletcher, Madilyn
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS - ( 10060-FA12 )
Sponsor: Univ of North Carolina Wilmington/NOAA/DOC
Co-PI: Porter, Dwayne

Implementation of Regional Integrated Ocean Observing Systems Support of RCOOS Development in SECOORA: Data Management - USC (Year 2 of 3) - ( 10060-FA17 )
Sponsor: SC Sea Grant Consortium/NOAA
Co-PI: Porter, Dwayne

Unit Total: $408,084$

Geography
Carbone, Gregory
Integrating Climate Information into Coastal Management Decisions - ( 13540-FA68 )
Sponsor: SC Sea Grant Consortium/NOAA
Co-PI: Dow, Kirstin Tufford, Daniel

Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea-Level Conditions - ( 13540-FA72 )
Sponsor: SC Sea Grant Consortium (SCSGC)/NOAA
Co-PI:
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<td>Development of Remote Sensing-assisted Natural and Technological Hazards Decision</td>
<td>National Aeronautics &amp; Space Administration (NASA)</td>
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<td>Support Systems - (13540-FA20)</td>
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<td>Contributions to the Summary of Current Knowledge about Community Resilience</td>
<td>UT-Battelle, LLC/Oak Ridge National Laboratory/DOE</td>
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<td>- (13540-FA53)</td>
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<td>NSF Graduate Fellowship (Eric Tate) - (13540-FA57)</td>
<td>National Science Foundation (NSF)</td>
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<td>Domestic Weapons of Mass Destruction: Potential Populations at Risk from US Chemical Facilities Releases - (13540-FA58)</td>
<td>University of Maryland/USDHS</td>
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<td>Guidance for South Carolina on Near-Term Coastal Adaptation Priorities - (13540-FA70)</td>
<td>National Oceanic &amp; Atmospheric Administration (NOAA)/DOC</td>
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<td>CESU Cooperative Agreement between Charleston District, US Army Corps of Engineers and the University of South Carolina’s Hazards and Vulnerability Research Institute - (13540-FA81)</td>
<td>US Army Engineer Research and Development Center/Department of the Army/DOD</td>
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<td>Co-PI: Emrich, Christopher Mitchell, Jerry</td>
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Dow, Kirstin

Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea-Level Conditions - (13540-FA73)

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

**Co-PI:**

Informing Coastal Management Adaptation Planning and Decision Making for Climate Change Using an Interactive Risk-based Vulnerability Assessment Tool - (13540-FA78)

**Sponsor:** Social and Environmental Research Institute/NOAA

**Co-PI:**

Doctoral Dissertation Research in DRMS: Influence of Risk, Uncertainty, and Scale on Coastal Adaptation Priorities - (13540-FA79)

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

**Co-PI:** Kettle, Nathan

Ellis, Jean

Aiding Mobile Bay, AL Conservation and Restoration with Landsat Data from 1974-present - (13540-FA75)

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

**Co-PI:**

The Application of Remotely Sensed Data and Models to Benefit Conservation and Restoration Along the Northern Gulf of Mexico Coast - (13540-FA77)

**Sponsor:** Universities Space Research Association/NASA

**Co-PI:**

Guo, Diansheng

CAREER: Extracting and Understanding Complex Patterns in Spatial Interactions-A Computational-Visual Framework - (13540-FA54)

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

**Co-PI:**
Hodgson, Michael

Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA19)

Sponsor: National Aeronautics & Space Administration (NASA)
Co-PI:

Francis Marion and Sumter National Forest GIS Digital Update - (13540-FA51)

Sponsor: US Forest Service/USDA
Co-PI:


Sponsor: University of Mississippi/DOE
Co-PI:

James, L.

Establishing NHD/WBD Stewardship Program and Developing a Protocol for Creating Local Resolution NHD Data for South Carolina - (13540-FA74)

Sponsor: U.S. Geological Survey/DOI
Co-PI: Hodgson, Michael

Establishing NHD/WBD Stewardship Program and Developing a Protocol for Creating Local Resolution NHD Data for South Carolina, Phase 2 - (13540-FA80)

Sponsor: US Geological Survey/DOI
Co-PI: Hodgson, Michael

Binghamton Geomorphology Symposium: Geospatial Technologies and Geomorphological Mapping - (13540-FJ00)

Sponsor: National Science Foundation (NSF)
Co-PI:
### Sponsored Awards Management (SAM)
### Individual Awards - FY2010

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<tr>
<td>Jensen, John</td>
<td>Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA18)</td>
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<td>Analysis of Closure Cap Remote Sensing - (13540-FA76)</td>
<td>SCUREF - South Carolina University Research and Education Foundation/DOE</td>
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<td>Kasakoff, Alice</td>
<td>Predicting the Impacts of Sea Level Rise in Beaufort County, SC Using Improved LIDAR-derived Digital Elevation Models, Digital Aerial Photography, Salinity Intrusion Modeling, and Sea Level Rise Scenarios - (13540-KA18)</td>
<td>The Nature Conservancy</td>
<td>25,000</td>
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<td>Mitchell, Jerry</td>
<td>Modeling Spatial and Family Factors in the Transmission of Wealth - (13540-FA71)</td>
<td>Eunice Kennedy Shriver National Institute of Child Health &amp; Human Development (NICHD)/NIH</td>
<td>223,629</td>
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<td>Hearing Every Voice - (13540-FJ01)</td>
<td>Aiken County School District/USDE</td>
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<td>South Carolina Geographic Alliance, 2009-2010 - (13540-GJ12)</td>
<td>SC General Assembly</td>
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<td>South Carolina Geographic Alliance, 2010-2011 - (13540-GJ13)</td>
<td>SC General Assembly</td>
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<td>South Carolina Geographic Alliance Strategic Planning - (13540-KL03)</td>
<td>National Geographic Education Foundation</td>
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<td>Mock, Cary</td>
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<td>kuenzli, elisabeth</td>
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<td>Lekan, Thomas</td>
<td>Shelby Cullom Davis Center for Historical Studies</td>
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<td>National Humanities Center</td>
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<td>Littlefield, Daniel</td>
<td>The Humanities Council SC/NEH</td>
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<td>Spruill, Marjorie</td>
<td>Woodrow Wilson International Center for Scholars</td>
<td>57,800</td>
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<td>Name</td>
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<td>Weyeneth, Robert</td>
<td>SC Department of Parks, Recreation &amp; Tourism (SCPRT)</td>
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<td>GA: Anjuli Grantham</td>
<td>SC Department of Archives &amp; History</td>
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<td>GA: Elizabeth Almlie</td>
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<td>GA: Ruth Chan</td>
<td>SC Confederate Relic Room &amp; Museum</td>
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<td>GA: Haley Grant</td>
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# Sponsored Awards Management (SAM)
## Individual Awards - FY2010

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<th>GA: Haley Grant</th>
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<td>Sponsor: Historic Columbia Foundation</td>
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**Unit Total:** 292,745

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<th>Marine Science</th>
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<td>Cotti-Rausch, Bridget</td>
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<td>Organic Carbon Assimilation by Natural Phytoplankton Communities: Consequences and Uses for Pigments</td>
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<td>Sponsor: Slocum-Lunz Foundation</td>
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<td>Characterization of Phytoplankton Community Composition in North Inlet Using a Flow-Through Spectral Fluorometer</td>
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<td>Co-PI:</td>
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**Unit Total:** 2,300
Mathematics
Boylan, Matthew
Harmonic Maass Forms - (13060-FA62) 121,000
Sponsor: National Science Foundation (NSF)
Co-PI:

Palmetto Number Theory Series - (13060-FA66) 13,423
Sponsor: National Science Foundation (NSF)
Co-PI: Filaseta, Michael

Palmetto Number Theory Series - (13060-FA69) 15,513
Sponsor: National Security Agency (NSA)/DOD
Co-PI: Filaseta, Michael

Cooper, Joshua
Combinatorial Quasirandomness and its Applications - (13060-FA68) 25,000
Sponsor: National Science Foundation (NSF)
Co-PI:

DeVore, Ronald
Capturing Sparsity In High Dimensional Data (State Matching account for 13060-FA36) - (13060-GA11) 7,112
Sponsor: SC EPSCoR
Co-PI: Dahmen, Wolfgang

Ju, Lili
New Grid and Discretization Technologies for Ocean and Ice Simulations - (13060-FA40) 107,333
Sponsor: US Department of Energy (DOE)
Co-PI:

Study on Algorithms and Applications of Centroidal Voronoi Tessellations - (13060-FA63) 180,000
Sponsor: National Science Foundation (NSF)
Co-PI:

Kustin, Andrew
Rees Rings and Resolutions in Commutative Algebra - (13060-FA67) 28,801
Sponsor: National Security Agency (NSA)
Co-PI:
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<td><strong>Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data</strong> - ( 13060-FA35 )</td>
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<td><strong>Sponsor:</strong> US Army Research Office (ARO)</td>
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<td><strong>Standards, Software and Hardware for Multiresolution Maps/Models for UAST in the Absence of A Priori World Models</strong> - ( 13060-FA51 )</td>
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<td><strong>Sponsor:</strong> Virginia Polytechnic Institute and State University/(ACA)/White Sands Directorate (WSMR DOC)</td>
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<td><strong>Co-PI:</strong></td>
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<td>30,205</td>
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| **Phase II SBIR: Innovative Micro Air Vehicles & Control Techniques for Urban Environments** - ( 13060-FA60 ) |
| **Sponsor:** Radiance Technologies, Inc./DOD |
| 93,750 |

| **Collaborative Research: An ATD Proposal: Fast Point Cloud Surface Reconstruction Algorithms** - ( 13060-FA61 ) |
| **Sponsor:** National Science Foundation (NSF) |
| **Co-PI:** Binev, Peter Dahmen, Wolfgang |
| 300,000 |

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<td><strong>Extremal and Probabilistic Combinatorics II</strong> - ( 21400-FA00 )</td>
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<td><strong>University of South Carolina/Georgia State University Commutative Algebra Seminar</strong> - ( 13060-FA56 )</td>
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| **Closure Operations in Positive Characteristic** - ( 13060-FA58 ) |
| **Sponsor:** National Security Agency (NSA) |
| **Co-PI:** |
| 20,615 |
### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<td>CMG Collaborative Research - Geological Storage of Carbon Dioxide (CO2): New Simulation Approaches for Large-scale Modeling and Leakage Estimation - (13060-FA65)</td>
<td>National Science Foundation (NSF)</td>
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<td><strong>Yang, Xiaofeng</strong></td>
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<td>Thermal Control of Flow-Processing in Rigid-Rod Nano-Composites - (21400-FA01)</td>
<td>University of North Carolina at Chapel Hill/US Army/DOD</td>
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**Unit Total:** 2,659,076

**McKissick Museum**

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<td>Urban Archaeology in Columbia, South Carolina Exhibition and Public Programs - (34000-FL05)</td>
<td>The Humanities Council of South Carolina/NEH</td>
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<td>Grass Roots Opening Weekend Events - (34000-FL06)</td>
<td>The Humanities Council SC/NEH</td>
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**Robertson, Lynn**

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<td>Society for the Preservation of American Modernists</td>
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<td>Grass Roots Basket Day - (34000-KL02)</td>
<td>Cultural Council of Richland &amp; Lexington Counties</td>
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**Grass Roots Exhibition Presentation Request to the Yaschik Foundation - (34000-KL01)**

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<td>Henry and Sylvia Yaschik Foundation</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Shaiman, Jason
Southern Satire: The Illustrated World of Jak Smyrl - ( 34000-KA03 )
Sponsor: The Cultural Council of Richland & Lexington Counties
Co-PI:

Unit Total: 6,019

Naval Science
Gordon, William
NROTC Educational Instruction Calculus and Physics - ( 13560-FJ12 )
Sponsor: US Navy/DOD
Co-PI:

Unit Total: 3,000

Philosophy
Baird, Davis
Nanotechnology in Society Network Node: Imaging, Scientific Change and Public Understanding of Emerging Nanotechnologies - ( 22040-FA19 )
Sponsor: National Science Foundation (NSF)
Co-PI: Dickson, Michael Johnson, Ann Robinson, C.

Khushf, George
Center for Bioethics - ( 21100-L102 )
Sponsor: USC School of Medicine Educ. Trust/PHA
Co-PI:

Unit Total: 400,000

Physics & Astronomy
Avignone, Frank
CUORE: Phase I Construction and Crystal Bolometer Research and Development - ( 13070-FA75 )
Sponsor: National Science Foundation (NSF)
Co-PI: Creswick, Richard Rosenfeld, Carl

CUORE and MAJORANA: Next Generation Neutrino-Less Double-Beta Experiments - ( 13070-FA87 )
Sponsor: National Science Foundation (NSF)
Co-PI: Creswick, Richard

Unit Total: 1,126,617

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## Sponsored Awards Management (SAM)
### Individual Awards - FY2010

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<td>Bazaliy, Yaroslaw</td>
<td>CAREER: Spin-polarized Currents in Nanostructures - (13070-FA86)</td>
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<td>Crittenden, Scott</td>
<td>Are the Pili Produced by Electrogenic Bacteria Bionanowires? - (13070-FA82)</td>
<td>Army Research Office (ARO)/DOD</td>
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<td>Fundamental Neutron Physics: Theory and Analysis - (13070-FA85)</td>
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<td>Support for Continued Development of Software Support for SC Firefighter Mobilization (SEMS) - (13070-GA19)</td>
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<td>Kulkarni, Varsha</td>
<td>Damped and Sub-damped Lyman-alpha Absorbers: What Are They, and What Do They Tell Us About Galaxy Evolution? - (13070-FA89)</td>
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<td>Transport Behavior of Superconductors at High Dissipative Currents - (13070-F129)</td>
<td>Oak Ridge National Laboratory/DOE</td>
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<td>Theoretical Studies of hadronic and Nuclear Dynamics - (13070-FA78)</td>
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## Sponsored Awards Management (SAM)

### Individual Awards - FY2010

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<td>Purohit, Milind</td>
<td>Mishra, Sanjib</td>
<td>Experimental Particle Physics (ATLAS) - (13070-FA92)</td>
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<td>Wilson, Jeffrey</td>
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| MIshra, Sanjib | Petti, Roberto | Wilson, Jeffrey | Experimental Particle Physics (BaBar Activities) - (13070-FA93) | US Department of Energy (DOE) | 34,000 |

| Rosenfeld, Carl | Purohit, Milind | Experimental Particle Physics - (13070-F117) | US Department of Energy (DOE) | 607,000 |

| Simulation of Neutrino Interactions in a Water Cerenkov Detector at DUSEL - (13070-FA90) | University of California, Davis/NSF | 36,847 |
| | Mishra, Sanjib | Petti, Roberto |

| Purohit, Milind | Mishra, Sanjib | Petti, Roberto | Wilson, Jeffrey | Experimental Particle Physics (Neutrino) - (13070-FA91) | US Department of Energy (DOE) | 141,000 |

| Support for Jiajie Ling for an Extended Stay at Fermilab. - (13070-KA13) | Universities Research Association, Inc. | 13,260 |

| Support for Xinchun Tian for Travel to Fermilab - (13070-KA14) | Universities Research Association at FERMI National Accelerator Lab | 7,500 |

| Tedeschi, David | Djalali, Chaden | Gothe, Ralf | Ilieva, Yordanka | Strauch, Steffen | The Study of Nuclear Physics with Intermediate Energy Probes - (13070-FA88) | National Science Foundation (NSF) | 1,725,000 |

| Webb, Richard | SC General Assembly | COEE - (22000-GA02) | 2,438,742 |

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Individual Awards - FY2010

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**Political Science**

**Randazzo, Kirk**

- Workshop on the Identification, Integration, and Distribution of Law and Court Data - (13570-FA97)
  - Sponsor: National Science Foundation (NSF)
  - Co-PI: 27,509

**Smith, Gordon**

- 2009 Russia Civic Hosting Program - (21900-FJ03)
  - Sponsor: Academy for Educational Development/The Library of Congress
  - Co-PI: 8,200

- Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones - (21900-FJ04)
  - Sponsor: Department of the Army/DOD
  - Co-PI: 50,000

**Starr, Harvey**

- WORKSHOP: New Horizons in Conflict System Analysis: Applications to the Middle East Fall, 2010: A CROSS-DISCIPLINARY CONFERENCE AT THE UNIVERSITY OF SOUTH CAROLINA - (13570-FA07)
  - Sponsor: National Science Foundation (NSF)
  - Co-PI: Dubinsky, Stanley 49,132

**Tyer, Charlie**

- GA: Karen Brinkley - (13570-HP26)
  - Sponsor: City of Columbia
  - Co-PI: 7,000

- GA: Marsha Bodie - (13570-HP28)
  - Sponsor: City of Columbia
  - Co-PI: 7,000

- GA: Katherine Murphy - (13570-KP09)
  - Sponsor: Historic Columbia Foundation
  - Co-PI: 8,084

- GA: Heidi Vaughn - (13570-KP10)
  - Sponsor: Safe Kids South Carolina
  - Co-PI: 12,241
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<td><em>The Neural Basis of Processing Discourse Reference</em> - (13580-FA71)</td>
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<td><em>REU: The Neural Basis of Processing Discourse Reference</em> - (13580-FA75)</td>
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<td>Brown, Martha</td>
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Kloos, Bret
Investigating Environmental Factors Affecting Community Integration - (13580-FA73)
Sponsor: US Department of Education (USDE)
Co-PI: Van Horn, M. Lee Battersby, Sarah
199,692

Lawman, Hannah
Social Context and Motivation in Minority Youth Obesity and Metabolic Syndrome - (13580-FA77)
Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
Co-PI: Wilson, Dawn
31,949

Malone, Patrick
Methodological Developments in the Prevention of Adolescent Drug Use - (13580-FA66)
Sponsor: National Institute on Drug Abuse (NIDA)/NIH
Co-PI:
157,832
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<td>Parenting and Family Research Center - ( 13580-JA00 )</td>
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### Richards, John

**The Development of Sustained Attention in Infants - (13580-FA53)**
- **Sponsor:** National Institute of Child Health & Human Development (NICHD)/NIH
- **Co-PI:**
- **Amount:** 349,596

**Administrative Supplement: The Development of Sustained Attention in Infants - (13580-FA70)**
- **Sponsor:** National Institute of Child Health & Human Development (NICHD)/NIH
- **Co-PI:**
- **Amount:** 59,284

### Roberts, Jane

**Emergence and Stability of Autism in High Risk Infants - (13580-FA78)**
- **Sponsor:** Developmental Disabilities Council, Office of the Governor/HHS
- **Co-PI:**
- **Amount:** 19,700

### Schatz, Jeffrey

**Home-based Pain Management Training for Pediatric Sickle Cell Disease - (13580-FA69)**
- **Sponsor:** National Heart, Lung & Blood Institute (NHLBI)/NIH
- **Co-PI:** McClellan, Catherine
- **Amount:** 175,820

### Shinskey, Jeanne

**Developmental Changes in the Strength of Infants’ Object Representations - (13580-FA60)**
- **Sponsor:** National Science Foundation (NSF)
- **Co-PI:**
- **Amount:** 109,918
### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<td>Challenging Horizons 21st Century Community Learning Center Program at Leaphart Elementary School - (13580-FL01)</td>
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<td>CHP Swimming Program with Keels Elementary School - (13580-FL03)</td>
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<td>MetLife After-School Innovator Award to the Challenging Horizons Program - (13580-KL00)</td>
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<td>Role of Dopamine Transporter: HIV-1 Tat Protein and Nicotine Sensitization - (11110-FA32)</td>
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<td>Role of DARPP-32: Individual Responsiveness to Nicotine - (11110-FA33)</td>
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Co-PI: Mactutus, Charles
## Sponsored Awards Management (SAM)
### Individual Awards - FY2010

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

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<td>Pregnancy Risk Assessment Monitoring System - (21100-FA22)</td>
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<td>Addressing Parental Smoking by Changing Pediatric Office Systems - (21100-FL28)</td>
<td>Massachusetts General Hospital/NIH</td>
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<td>Monitoring Public Awareness of and Experiences with H1N1 Flu - (21100-FL31)</td>
<td>SC Department of Health &amp; Environmental Control/HHS</td>
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<td>Two-Year Old Immunization Coverage Study - (21100-FL32)</td>
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<td>Buckle Up South Carolina Observational Survey and Attitudinal Survey - (21100-FL33)</td>
<td>SC Department of Public Safety/DOT</td>
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<td>Public Perceptions of the Department of Health and Environmental Control - (21100-GL17)</td>
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<td>Hospice Data Collection, Processing, Analysis and Reporting - (21100-KL18)</td>
<td>Carolinas Center for Hospice and End of Life Care</td>
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**Unit Total:** 1,099,402
Sponsored Awards Management (SAM)
Individual Awards - FY2010

**Religious Studies**
Mitchem, Stephanie
Reference and Research for Encyclopedia of Hinduism - (12570-K100) 500
Sponsor: India Heritage Research Foundation
Co-PI:

Unit Total: 500

**Science Education, Center for**
Jordan, Don
Junior Science & Humanities Symposium (JSHS) 2010 - (13090-FJ05) 15,300
Sponsor: Academy of Applied Sciences/DOD
Co-PI:

Unit Total: 15,300

**Sociology**
Markovsky, Barry
Fairness and the Provision of Public Goods - (13530-FA15) 134,921
Sponsor: National Science Foundation (NSF)
Co-PI:

Steelman, Lala
Collaborative Research: Transformation or Continuity in Americans' Definitions of Family 26,478
Co-PI Brian Powell Indiana University - (13530-FA19)
Sponsor: National Science Foundation (NSF)
Co-PI:

Thye, Shane
Collaborative Research: The Emergence of Social Order in Groups - (13530-FA16) 76,320
Sponsor: National Science Foundation (NSF)
Co-PI:

Willer, David
Social Values in Exchange Networks: An Experimental Test - (13530-FA17) 131,916
Sponsor: National Science Foundation (NSF)
Co-PI:

Social Values in Exchange Networks: An Experimental Test - REU Supplement - (13530-FA18) 6,000
Sponsor: National Science Foundation (NSF)
Co-PI:
Sponsored Awards Management (SAM)
Individual Awards - FY2010

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### Dryden, Ian
**QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing** - (13080-FA31)
**Sponsor:** National Science Foundation (NSF)
**Co-PI:**

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### Grego, John
**Targeting Research to Investigate Alternate Assessment Development (TRIAAD - Item Analysis)** - (13080-FA30)
**Sponsor:** SC Department of Education/USDE
**Co-PI:** Sims, Wilma

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<td>Sims, Wilma</td>
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### Humpherys, James
**Fundamentals of R Training Course** - (13080-FJ00)
**Sponsor:** Savannah River Nuclear Solutions LLC/DOE
**Co-PI:** Sims, Wilma

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### Oldendick, Robert
**Buckle Up South Carolina Observational Survey and Attitudinal Survey** - (13080-FL07)
**Sponsor:** SC Department of Public Safety/DOT
**Co-PI:** Oldendick, Robert Sims, Wilma

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### Pena, Edsel
**Statistical Support for SC DNR Freshwater Fisheries** - (13080-GA11)
**Sponsor:** SC Department of Natural Resources (SCDNR)
**Co-PI:** Sims, Wilma

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### Hanson, Timothy
**Collaborative Research: Decision-Dependent Stochastic Processes Inference and Optimization** - (13080-FA32)
**Sponsor:** University of Minnesota/NSF
**Co-PI:**

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### Lynch, James
**Dynamic Models and Decision Making for Complex Reliability Systems** - (13080-FA26)
**Sponsor:** National Science Foundation (NSF)
**Co-PI:** Pena, Edsel

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### Collaborative Research for Developing ATD: Bayesian Methods in Syndromic Surveillance: CAR Models and Computational Implementation - (13080-FA29)
**Sponsor:** National Science Foundation (NSF)
**Co-PI:**

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Pena, Edsel
COBRE: Biometry Core - ( 13130-FA13 )

**Sponsor:** National Center for Research Resources (NCRR)/NIH
**Co-PI:**

Center for Colon Cancer Research (Biometry Core) - ( 13130-FA37 )

**Sponsor:** National Center for Research Resources (NCRR)/NIH
**Co-PI:**

---

Tebbs, Joshua

Disease Detection and Prevalence Estimation through Informative Group Testing - ( 13080-FA24 )

**Sponsor:** University of Nebraska - Lincoln/NIH
**Co-PI:**

---

Tebbs, Joshua

Disease Detection and Prevalence Estimation through Informative Group Testing - ( 13080-FA24 )

**Sponsor:** University of Nebraska - Lincoln/NIH
**Co-PI:**

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**Unit Total:** 426,274

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Theatre and Dance, Department of

Anderson, Susan

American Masterpieces in South Carolina Dance "Great Galloping Gottschalk" - ( 12580-FJ00 )

**Sponsor:** SC Arts Commission/NEA
**Co-PI:**

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**Unit Total:** 4,000

**Division Total:** 46,715,336

---

Business & Finance

Energy Services

Stevenson, Charles

Energy Efficiency Funding for Public School Districts, Public Colleges and Universities, and State Agencies - ( 50040-FQ00 )

**Sponsor:** SC Energy Office/DOE
**Co-PI:**

---

**Unit Total:** 2,809,219

---

Environmental Health and Safety

Griffin, Todd

Fire Prevention and Safety Grant 2009 - ( 67010-FJ00 )

**Sponsor:** Federal Emergency Management Agency (FEMA)
**Co-PI:**

---

**Unit Total:** 149,802
### Sponsored Awards Management (SAM)
#### Individual Awards - FY2010

| Syfert, Tom | University of South Carolina Disaster Resistant Hazard Mitigation Plan - (67010-FL00) | 162,519 |
| Co-PI: | SC Emergency Management Division/FEMA |
| Unit Total: | 312,321 |

**Facilities Management/Operational Services**

| Knowles, Thomas | Community Forestry Program - (50020-FJ02) | 6,395 |
| Co-PI: | SC Forestry Commission/USDA |
| Unit Total: | 6,395 |

**Facilities Planning/Energy Services**

| Coonrod, H. Benjamin | Horry Guignard House Assessment - (63100-FL01) | 8,500 |
| Co-PI: | SC Department of Archives and History/National Park Service/DOI |
| Bikes Belong - (63100-KL00) | 5,000 |
| Co-PI: | Bikes Belong |
| Unit Total: | 13,500 |

**Transportation Services**

| Evans, Richard | USC Project to Retrofit Trucks, Produce Biodiesel and Reduce Emissions - (66000-FQ05) | 22,597 |
| Co-PI: | SC Department of Health & Environmental Control (DHEC)/EPA |
| Unit Total: | 22,597 |

**Division Total:** 3,164,032
Business, Moore School of

Business, Moore School of - Dean’s Office
Folks, William
Center for International Business Education and Research - (21200-FA13)
*Sponsor:* US Department of Education (USDE)
*Co-PI:*

Murray, Jason
The Importance of Mangroves and Estuaries Ecosystems for Mexico's Economy: A Conservation Initiative for an Endangered Critical Habitat - (15000-KA03)
*Sponsor:* Univ of California, San Diego/Packard Foundation
*Co-PI:*

Unit Total: 423,300

Business, Moore School of - Division of Research

McInnes, Melayne
*Sponsor:* Developmental Disabilities Council/HHS
*Co-PI:* Ozturk, Orgul

Woodward, Douglas
Nuclear Energy Workforce Analysis - (21200-FA19)
*Sponsor:* SC Universities Research and Education Foundation (SCUREF)/DOE
*Co-PI:*

The Economic Impact of Certified South Carolina - (21200-GA13)
*Sponsor:* SC Department of Agriculture
*Co-PI:* Guimaraes, Paulo Teel, Sandra

The Economic Impact of Boeing on South Carolina - (21200-JA19)
*Sponsor:* The Boeing Company
*Co-PI:*

The Economic Footprint of the Automotive and Ground Transportation Manufacturing Cluster in South Carolina - (21200-KA25)
*Sponsor:* SC Manufacturers Alliance (SCMA)
*Co-PI:*

Unit Total: 262,998
### Small Business Development Center

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<td>SBDC Renewal for Current Recipient Organizations - CY 2010 (State Director's Office) - (21250-FL44)</td>
<td>US Small Business Administration (SBA)</td>
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<td>SBDC Renewal for Current Recipient Organizations - CY 2010 (USC) - (21250-FL45)</td>
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<td>Procurement Technical Assistance Program for Business Firms (State Director's Office) - (21250-FL46)</td>
<td>Defense Logistics Agency/DOD</td>
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<td>Procurement Technical Assistance Program for Business Firms (USC) - (21250-FL47)</td>
<td>Defense Logistics Agency/DOD</td>
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<td>SBDC Affiliation - (21250-FL99)</td>
<td>Small Business Administration (SBA)</td>
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**Unit Total:** 1,575,791  
**Division Total:** 2,262,089  

### Education, College of

**Education**

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<td>SC Center for Teacher Recruitment</td>
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**Unit Total:** 2,133  

**Education Leadership & Policies**

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<td>GA: Whitney Watts, Lucy Fort, Kelli McErlean, Marney Babbitt - (15230-LP22)</td>
<td>Columbia College</td>
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<td>Hudgins, James</td>
<td>2009-10 SC Technical College Leadership Academy</td>
<td>SC State Board of Technical and Comprehensive Education</td>
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<td>Stevenson, Kenneth</td>
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<td>Educational Studies, Department of Brown, William</td>
<td>Preparation of Leadership Personnel</td>
<td>US Department of Education (USDE)</td>
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<td>Preparation of Early Childhood Special Education (ECSE) Personnel in South Carolina</td>
<td>US Department of Education (USDE)</td>
<td>Lopez-DeFede, Ana Knopf, Herman</td>
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<td>Technical Assistance Project for Personnel Who Work with Preschool Children</td>
<td>SC Department of Education/USDE</td>
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<td>and Without Disabilities and Who Are At Risk for or Who Have Problem Behaviors -</td>
<td>Knopf, Herman</td>
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<td>Paraprofessionals Preservice Improvement Grant</td>
<td>US Department of Education (USDE)</td>
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<td>DiStefano, Christine</td>
<td>Validation of the Behavioral and Emotional Screening System for Early Identification</td>
<td>US Department of Education (USDE)</td>
<td>Brown, William Greer, Fred</td>
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<td>Drasgow, Erik</td>
<td>Preparation of Leadership Personnel: Project PALEEIS</td>
<td>US Department of Education (USDE)</td>
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### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<td>Jay, Michelle</td>
<td>SC Department of Education</td>
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<td>Johnson, Robert</td>
<td>Richland County School District Two</td>
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<td>Marshall, Kathleen</td>
<td>SC Department of Education/USDE</td>
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<td>Preparation of Leadership Personnel: Project SPEARTIP</td>
<td>Yell, Mitchell, Drasgow, Erik</td>
<td>395,292</td>
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<td>Preparation of Leadership Personnel: Project SPEARTIP</td>
<td>Pettus, Karen</td>
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**Unit Total:** 1,669,402

### Instruction & Teacher Education

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<td>Baum, Angela</td>
<td>SC Department of Social Services (DSS)/HHS</td>
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<td>175,304</td>
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<td>Boutte, Gloria</td>
<td>SC State University /USDA</td>
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<td>Dickey, Ed</td>
<td>Student Assistance for RNE Afterschool Program 2009-10</td>
<td>Richland County School District Two</td>
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<td>Freeman, Nancy</td>
<td>Training and Special Events to Improve the Quality of Child Care for South Carolina Families - 2009-2010</td>
<td>SC Department of Social Services (DSS)/HHS</td>
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<td>Improve the Quality of Child Care for South Carolina Families 2010-11</td>
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<td>Writing Improvement Network - USC Subaward from Benedict College</td>
<td>Benedict College/SC Commission on Higher Education/USDE</td>
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<td>Writing Improvement Network (WIN)</td>
<td>SC Department of Education/SC General Assembly</td>
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<td>English Language Arts (ELA) Technical Assistance for SCDE (SCDE Title: Professional Development on PASS Writing Workshop)</td>
<td>SC Department of Education</td>
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<td>PASS Writing Workshops</td>
<td>SC Department of Education</td>
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<td>Knopf, Herman</td>
<td>Technical Assistance and Development Project for an Electronic System of Data Collection and Authentic Assessment for Infant and Toddlers (Year 3) - ( 15250-FA18 )</td>
<td>SC Department of Social Services (DSS)/HHS</td>
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<td>South Carolina Child Care State Research Capacity Building Project (Child Care Data Bridge) Year 3 - ( 15250-FA22 )</td>
<td>SC Department of Social Services/HHS</td>
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<td>Arra Child Care Quality Enhancement Project - ( 15250-FJ37 )</td>
<td>SC Department of Social Services (DSS)/HHS</td>
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<td>Freeman, Nancy</td>
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<td>Lotter, Christine</td>
<td>ICoach - Teacher Teams Professional Development Program for Middle Schools - Year 3 - ( 15250-FA19 )</td>
<td>SC Department of Education/USDE</td>
<td>Ely, Berten  Yow, Jan  Barbeau, David</td>
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<td>iCoach - Teacher Teams Professional Development - ( 15250-FA23 )</td>
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<td>ICoach - Teacher Teams Professional Development Program for Middle Schools - Year 3 - ( 15250-FA01 )</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Styslinger, Mary
National Writing Project - (15250-F421)  
**Sponsor:** National Writing Project Corporation/USDE  
**Co-PI:**

Virtue, David
On-TRACK: Teaching Reading and Content Knowledge Year 3 - (15250-FJ34)  
**Sponsor:** SC Commission on Higher Education/USDE  
**Co-PI:** Wilson, Jennifer

Virtue, David
On-TRACK: Teaching Reading and Content Knowledge Year 4 - (15250-FJ40)  
**Sponsor:** SC Commission on Higher Education/USDE  
**Co-PI:** Wilson, Jennifer

Vogler, Kenneth
Reading, Writing and Reasoning in American History Project - (15250-FL27)  
**Sponsor:** Lexington County School District Five/USDE  
**Co-PI:** Dickenson, Tammiee

Reading, Writing, and Speaking about American History - (15250-FL28)  
**Sponsor:** Florence School District One/USDE  
**Co-PI:** Dickenson, Tammiee

A Story to Tell: Teaching America’s Past for America’s Future - (15250-FL30)  
**Sponsor:** Williamsburg County School District/USDE  
**Co-PI:** Dickenson, Tammiee

Welsh, Kerrie
South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network (2010-11) - (15250-FJ39)  
**Sponsor:** SC Department of Social Services(DSS)/HHS  
**Co-PI:** Knopf, Herman  Baum, Angela

Wilson, Jennifer
National Writing Project - (15250-FL22)  
**Sponsor:** National Writing Project Corporation/USDE  
**Co-PI:**

Norwegian-American Teacher Exchange - (15250-FL29)  
**Sponsor:** US Department of State  
**Co-PI:**
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Unit Total: 3,584,745

Office of Program Evaluation
Dickenson, Tammiee

Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2- and 4-Year Colleges-Subaccount - (15290-FJ01)
   Sponsor: US Department of Education (USDE)
   Co-PI: Dickey, Ed Thompson, Stephen Zenger, Jane
   $3,510

Proposal for Evaluation of the OAASIS Project - (15290-FL09)
   Sponsor: SC Department of Education/USDE
   Co-PI:
   $76,853

Reading, Writing and Reasoning in American History Project - (15290-FL14)
   Sponsor: Lexington County School District Five/USDE
   Co-PI:
   $124,000

Reading, Writing, and Speaking about American History - (15290-FL16)
   Sponsor: Florence School District One/USDE
   Co-PI:
   $148,800

Evaluation Work for Year 3 of the TRIAAD Project - (15290-FL17)
   Sponsor: SC Department of Education/USDE
   Co-PI:
   $130,000

A Story to Tell: Teaching America's Past for America's Future - (15290-FL18)
   Sponsor: Williamsburg County School District/USDE
   Co-PI:
   $74,400
### Sponsored Awards Management (SAM)

**Individual Awards - FY2010**

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<td>Petrulis, Robert</td>
<td>Richland County School District 1/USDE</td>
<td><em>OPE Evaluation for the Safe and Drug Free Schools Steps to Respect Program</em> - (15290-FA07)</td>
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<td><em>Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010</em> - (15290-FJ06)</td>
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<td>SC Department of Education/USDE</td>
<td><em>Evaluation of Teacher Quality Research (TQR) Project Investment, Implementation, and Student Achievement Effects</em> - (15290-FL19)</td>
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<td>SC School Districts/SCDE</td>
<td><em>Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2009-2010)</em> - (15290-GL37)</td>
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<td>Winthrop University/SC Department of Education</td>
<td><em>Arts Assessment Institute (AAI) 2010: AAI-1 - Classroom Assessment in the Arts</em> - (15290-GL38)</td>
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**Unit Total:** $870,171
**Physical Education**

**Mensch, James**

Certified Athletic Trainer -- Forward Program - (15210-FA00)  
**Sponsor:** Fort Jackson/US Army/DOD  
**Co-PI:**

Certified Athletic Trainer -- Forward Program (Travel Only) - (15210-FA01)  
**Sponsor:** Fort Jackson, SC/DOD  
**Co-PI:**

Fort Jackson Identifying Health Barriers Project/Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD) - Phase 2 - (15210-FA03)  
**Sponsor:** US Army Medical Research and Materiel Command/DOD  
**Co-PI:**

**GA: TBA - (15210-HP14)**  
**Sponsor:** Newberry County School District  
**Co-PI:**

**GA: TBA - (15210-HP15)**  
**Sponsor:** Richland County School District One  
**Co-PI:**

**GA: Andrea Taylor - (15210-LP09)**  
**Sponsor:** Heathwood Hall Episcopal School  
**Co-PI:**

**Rink, Judith**

Physical Education Assessment Program - (15210-KL00)  
**Sponsor:** SC Alliance for Health, Physical Education, Rec. & Dance  
**Co-PI:**
Webster, Collin

A Systematic Observation of More and Less Successful Youth Soccer Coaches: Are More Successful Coaches More Autonomy-Supportive? - (15210-KA02)

Sponsor: LA84 Foundation

Co-PI:

Instrument for Measuring Physical Activity Attitudes of Classroom Teachers (IMPAACT) - (15210-KA04)

Sponsor: Research Consortium of the American Alliance for Health, Physical Education, Recreation & Dance

Co-PI: DiStefano, Christine

Unit Total: 716,407

SC Educational Policy Center

Monrad, Diane

Analysis of the Relationship Between Literacy Program Implementation Rubrics and Student Achievement - (15270-GA13)

Sponsor: SC Department of Education

Co-PI: Dickenson, Tammiee

Unit Total: 43,653

SC School Improvement Council

Barber, Cassie

SC School Improvement Council - (15280-GL09)

Sponsor: SC School Improvement Council

Co-PI:

South Carolina Education Policy Fellows Program - (15280-GL10)

Sponsor: SC Education Policy Fellows Program Board/SCDE

Co-PI:

Unit Total: 4,813

Division Total: 7,536,624
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Engineering & Computing, College of

Chemical Engineering

Amiridis, Michael

Proposal to Boeing Access to Education-Scholarship - (15500-JJ00)

Sponsor: The Boeing Company
Co-PI:

Parametric Studies of BASF's Purification Catalysts - (15510-J145)

Sponsor: BASF Corporation
Co-PI:

COEE-MATCH: Research Center of Economic Excellence for Strategic Environmental Approaches to Electricity Production from Coal - (15510-JA99)

Sponsor: SC CHE Endowed Chair Program/Santee Cooper
Co-PI: Ritter, James

Experimental Program to Stimulate Competitive Research & Institutional Development (RII) - (61000-FA00)

Sponsor: SC Research Authority (SCRA)/SC EPSCoR/NSF
Co-PI:

Experimental Program to Stimulate Competitive Research & Institutional Development (RII) (State Match for 61000-FA00) - (61000-GA03)

Sponsor: SC EPSCoR Program
Co-PI:

Davis, Thomas

Fuel Cell Bus for University of South Carolina Campus - (15510-FB11)

Sponsor: Center for Transportation and the Environment (CTE)/DOT
Co-PI: Bakos, Jason

Local Support for Installation of a Hydrogen Fueling Station in Columbia - (15510-FB33)

Sponsor: Center for Transportation and the Environment/SCRA/HUD
Co-PI: Haselbach, Liv
Heyden, Andreas

**Multiscale Modeling of Bifunctional Catalysts for the Water-Gas-Shift Reaction** - (15510-FB62)

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

| Amount: | 300,000 |

**Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems** - (15510-FB64)

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

| Amount: | 104,619 |


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

<p>| Amount: | 0 |</p>
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<td><strong>Engineering Bone Formation in Multi-Functional Nanocomposite Scaffolds</strong></td>
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<td><strong>Biodegradable Self-Inductive Scaffold for Cranial Regeneration</strong></td>
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<td><strong>Biodegradable Scar-Inhibiting Implants for Guided Spinal Cord Regeneration</strong></td>
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Matthews, Michael
Scientific Action Network Track II: Dr. Shelly Peyton, NSF RII Faculty Candidate in Chemical Engineering at the University of South Carolina - (15510-FB69)
Sponsor: SC Research Authority (SCRA)/SC EPSCoR/NSF
Co-PI:

COEE-MATCH: Rehabilitation & Reconstruction Sciences - (15510-JA98)
Sponsor: Smith and Nephew
Co-PI:

COEE - Rehabilitation & Reconstruction Sciences - (22000-GA17)
Sponsor: SC General Assembly
Co-PI:

Monnier, John
Sponsor: National Science Foundation (NSF)
Co-PI: Williams, Christopher

Automated, Multi-Reactor Catalyst Evaluation System - (15510-JA73)
Sponsor: UOP, LLC - A Honeywell Company
Co-PI:
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<td>RUI: Surface-Engineered Nanoparticles to Inhibit Protein Aggregation (subcontract to</td>
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<td>South Carolina State U) - (15510-FB22)</td>
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<td>and on Supported Phospholipid Bilayers - (15510-FB61)</td>
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<td>REU Site: Biomolecular and Biomechanical Interactions - (15510-FB76)</td>
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<td>Pastides, Harris</td>
<td>The South East Alliance for Graduate Education and the Professoriate (SEAGEP) -</td>
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<td>to Electricity Production from Coal - (15510-JA75)</td>
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Popov, Branko

*Development of Ultra-low Loading Platinum Alloy Cathode Catalysts for PEM Fuel Cells: Theoretical and Experimental Studies.* - (15510-FB72)

**Sponsor:** National Science Foundation (NSF)
**Co-PI:** Heyden, Andreas    Ganesan, Prabhu

300,000

Heyden, Andreas    Ganesan, Prabhu

*Development of Novel Anodes for Li-ion Batteries* - (15510-FB73)

**Sponsor:** Farasis Inc/NASA

31,153

Weidner, John    Li, Xiaodong    Lee, Jong-Won    Chen, Donna

*Development of Advanced Unitized Regenerative Fuel Cell (State Matching Funds for account 15510-FB21)* - (15510-GA19)

**Sponsor:** SC EPSCoR
**Co-PI:** Weidner, John    Li, Xiaodong    Lee, Jong-Won    Chen, Donna

17,814

*Development of Ni Based High Wear Resistance Composite Coatings* - (15510-KA48)

**Sponsor:** AESF Foundation/National Association for Surface Finishing (NASF)
**Co-PI:**

16,000
### Sponsored Awards Management (SAM)

**Individual Awards - FY2010**

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<td><strong>Ritter, James</strong></td>
<td><strong>Pressure Swing Adsorption Cycle Modeling for Medical Oxygen Concentrators</strong></td>
<td>SeQual Technologies Inc./DARPA</td>
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<td>Ebner, Armin</td>
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<td><strong>Complex Hydrides of Lithium, Aluminum and Boron for Hydrogen Storage</strong></td>
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<td></td>
<td><strong>Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators</strong></td>
<td>National Space Biomedical Research Institute/NASA</td>
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<td>College of Charleston/NASA EPSCoR</td>
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<td><strong>Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications (State Matching account for 15510-FB66)</strong></td>
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<td><strong>Hybrid PSA-Distillation Process Analysis</strong></td>
<td>University of Texas at Austin</td>
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### Shimpalee, Sirivatch

*Understanding the Effects of Coal Based Gas Contaminants and Degradation Mechanisms on Solid Oxide Fuel Cells* - (15510-KA49)

- **Sponsor:** National Metal and Materials Technology Center (MTEC)
- **Co-PI:**

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*Investigation of Thermochemical Cycles* - (15510-FB71)

- **Sponsor:** UChicago Argonne LLC for Argonne National Laboratory/DOE
- **Co-PI:**

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*Investigation of Thermochemical Cycles* - (15510-FB71)

- **Sponsor:** UChicago Argonne LLC for Argonne National Laboratory/DOE
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*Investigation of Thermochemical Cycles* - (15510-FB71)

- **Sponsor:** UChicago Argonne LLC for Argonne National Laboratory/DOE
- **Co-PI:**

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*Investigation of Thermochemical Cycles* - (15510-FB71)

- **Sponsor:** UChicago Argonne LLC for Argonne National Laboratory/DOE
- **Co-PI:**

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*Investigation of Thermochemical Cycles* - (15510-FB71)

- **Sponsor:** UChicago Argonne LLC for Argonne National Laboratory/DOE
- **Co-PI:**

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*Investigation of Thermochemical Cycles* - (15510-FB71)

- **Sponsor:** UChicago Argonne LLC for Argonne National Laboratory/DOE
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### Sponsored Awards Management (SAM)
#### Individual Awards - FY2010

#### Van Zee, John

**Topic 3C-Effect of System and Air Contaminants on PEMFC Performance and Durability-SubContractor to NREL - (15510-FB68)**
- **Sponsor:** National Renewable Energy Laboratory (NREL)/DOE
- **Co-PI:** St-Pierre, Jean

**Budget:** 400,250

#### St-Pierre, Jean

**Co-PI:**

**Sponsor:**

**Topic 4A Transport Studies in Modeling in PEM Cell Stack - subcontract to Giner Electrochemical Systems, LLC - (15510-FB74)**
- **Sponsor:** Giner Electrochemical Systems, LLC/DOE
- **Co-PI:**

**Budget:** 266,668

#### I/UCRC Fuel Cell Center - Operating Account - (15510-JA11)
- **Sponsor:** Various Sponsors
- **Co-PI:** Amiridis, Michael

**Budget:** -115,217

#### I/UCRC Project 15C - (15510-JA16)
- **Sponsor:** Various Sponsors
- **Co-PI:**

**Budget:** 37,000

#### I/UCRC Project 19B - (15510-JA19)
- **Sponsor:** Various Sponsors
- **Co-PI:** Amiridis, Michael

**Budget:** 9,625

#### Administrative Expenses - (15510-JA48)
- **Sponsor:** Various Sponsors
- **Co-PI:** Amiridis, Michael

**Budget:** 118,000

#### I/UCRC Project 35 - (15510-JA60)
- **Sponsor:** Various Sponsors
- **Co-PI:** Amiridis, Michael

**Budget:** -28,833

#### I/UCRC Project 36 - (15510-JA63)
- **Sponsor:** Various Sponsors
- **Co-PI:**

**Budget:** 46,376

#### I/UCRC Fuel Cell Center - Project 39 - (15510-JA70)
- **Sponsor:** Various Sponsors
- **Co-PI:**

**Budget:** 12,500
### Sponsored Awards Management (SAM)
#### Individual Awards - FY2010

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<td><strong>COEE (Hydrogen Fuel Cell Economy I &amp; II) / (Renewable Fuel Cell Economy) - (22000-GA05)</strong></td>
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**Sponsored Awards Management (SAM)**

**Individual Awards - FY2010**

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**Weidner, John**

*The Role of Fluid Flow in Valvulogenesis* - (15510-FB14)

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

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**South Carolina EPSCoR/IDEA Postdoctoral Academic Career Development Program (PACD) - Dr. John Staser** - (15510-FB51)

*Sponsor:* SC EPSCoR/National Center for Research Resources (NCRR)/NIH  
*Co-PI:*

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**REU Site: Sustainable Energy in Chemical Engineering** - (15510-FB56)

*Sponsor:* National Science Foundation (NSF)  
*Co-PI: Williams, Christopher*

---

**Scientific Action Network Track II: Mr. Fikile R. Brushett, NSF RII Faculty Candidate in Chemical Engineering at the University of South Carolina** - (15510-FB70)

*Sponsor:* SC Research Authority (SCRA)/SC EPSCoR/NSF  
*Co-PI:*

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**Mathematical Modeling of the Hybrid Sulfur Process** - (15510-FB75)

*Sponsor:* Giner Electrochemical Systems, LLC/DOE  
*Co-PI:*

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*Sponsor:* E.ON AG  
*Co-PI:*

---

**White, Ralph**

*Fundamental Studies on a Liquid Tin-based SOFC System* - (15510-FB36)

*Sponsor:* Office of Naval Research (ONR)/DOD  
*Co-PI:*

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**Study of Liquid Metal Anodes for a JP-8 Fuel Cell** - (15510-FB67)

*Sponsor:* CellTech/US Army Research Office (ARO)  
*Co-PI:*

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(continued on Page 80)
## Sponsored Awards Management (SAM)
### Individual Awards - FY2010

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<td><strong>Operando Vibrational Spectroscopic Investigation of Heterogeneous Asymmetric Hydrogenation on Transition Metal Catalysts</strong> - ( 15510-FB16 )</td>
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<td><strong>Operando Vibrational Spectroscopic Investigation of Heterogeneous Asymmetric Hydrogenation on Transition Metal Catalysts - REU Supplement</strong> - ( 15510-FB37 )</td>
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<td>ALSTOM Power Inc.</td>
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<td>Strategies for the Production of Sulfur Free Fuels: Effect of Chelating Reagent on the Sulfidation of NiMo Catalysts - ( 15510-JA85 )</td>
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<td>Co-PI:</td>
<td>Segawa, Kohichi</td>
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<td>Civil &amp; Environmental Engineering</td>
<td>National Science Foundation (NSF)</td>
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<td>Caicedo, Juan</td>
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<td>REU SITE: Collaborative Research: International REU Program in Smart Structures - ( 15520-FA69 )</td>
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<td>CAREER: Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS) - ( 15520-FA72 )</td>
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<td>CAREER: (REU Supplement) Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS) - ( 15520-FA73 )</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Chaudhry, M.
PIRE: Modeling of Flood Hazards and Geomorphic Impacts of Levee Breach and Dam Failure - (15520-FA54)

**Sponsor:** National Science Foundation (NSF)
**Co-PI:** Imran, Jasim

899,302

Technology Transfer Activities - SC Department of Transportation - (15520-GJ00)

**Sponsor:** SC Department of Transportation

67,610

Gassman, Sarah
Characterization of Fly Ash - (15520-JL03)

**Sponsor:** The SEFA Group
**Co-PI:** Pierce, Charles

1,890

Goodall, Jonathan
GeoInformatics: CUAHSI Hydrologic Information Systems - (15520-FA53)

**Sponsor:** Univ of Texas at Austin/NSF
**Co-PI:**

53,613

Development of a Strategic Plan for the Crane Creek Watershed - (15520-HA05)

**Sponsor:** Richland County
**Co-PI:** Flora, Joseph

10,035

Huynh, Nathan
An Agent-Based Ramp Metering Approach to Improve Highway Safety and Efficiency Using a Dynamic Traffic Assignment Framework - (15520-FA76)

**Sponsor:** SC State University/USFHWA
**Co-PI:**

25,000

From Simulation to Operation - An Engineering Management Intervention in Perioperative Systems - (15520-KA18)

**Sponsor:** Clemson University/HSSC
**Co-PI:**

42,292

Assessing Operational, Pricing, and Intelligent Transportation System Strategies for the I-40 Corridor Using DYNASMART-P - (15520-LA03)

**Sponsor:** NC State University-ITRE/NC Dept. of Transportation
**Co-PI:**

10,756
Pierce, Charles
Cost Indexing and Unit Price Adjustments for Construction Materials - (15520-FA75)  133,362
  **Sponsor:** SC Department of Transportation / Federal Highway Administration (FHWA)
  **Co-PI:** Huynh, Nathan  Guimaraes, Paulo

Rizos, Dimitris
Vanadium Steel Non-Standard (not a standard military bridge set) Fixed Bridge Case Study Proposal - (15520-FA36)  32,350
  **Sponsor:** Advanced Technology Institute/DOD
  **Co-PI:** Ziehl, Paul  Harrison, Kenneth

Saleh, Navid
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment - (15520-FA74)  57,007
  **Sponsor:** National Science Foundation (NSF)
  **Co-PI:** Ferguson, P.  Sabo-Attwood, Tara

Yoon, Yeomin
Engineered Applications of Carbon Nanotubes in UF and MF Membranes: Pretreatment in Seawater Desalination - (15520-JA16)  220,000
  **Sponsor:** GS Engineering and Construction Corp.
  **Co-PI:** Flora, Joseph  Saleh, Navid

Study on Seawater Desalination Guidelines - (15520-LA04)  4,718
  **Sponsor:** The Ministry of Land, Transport, and Maritime Affairs in Korea/Kookmin University
  **Co-PI:**
Ziehl, Paul  

**Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis** - (15520-FA67)  

- **Sponsor:** Physical Acoustics/NIST/DOC  
- **Co-PI:** Giurgiutiu, Victor, Caicedo, Juan, Huynh, Nathan, Gassman, Sarah  

AF073-119: **Inspection of Subsurface Flaws around Fasteners on Aircraft** - (15520-FA71)  

- **Sponsor:** Texas Research Institute Austin/US Air Force  
- **Co-PI:**  

**Testing of Connections between Prestressed Concrete Piles and Precast Concrete Bent Caps** - (15520-FA77)  

- **Sponsor:** SC Department of Transportation/FHWA  
- **Co-PI:** Caicedo, Juan, Rizos, Dimitris  

**Testing of Tow and Tie Down Brackets - Force Protection** - (15520-JL04)  

- **Sponsor:** Force Protection Industries, Inc.  
- **Co-PI:**  

**Unit Total:** 2,527,482  

---  

**Computer Science & Engineering**  

Bakos, Jason  

**CAREER: Design Automation for High-Performance Reconfigurable Computing** - (15590-FA53)  

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

**Co-Processors for High-Performance Genome Analysis** - (15590-FA56)  

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

**REU Supplement: CAREER: Design Automation for High-Performance Reconfigurable Computing** - (15590-FA72)  

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

Bowles, John  

**EMSD Senior Design Project: Design of a Robot Operator/Controller (LARC1-14-SD) and Design of an End-Effector for a Robot Arm (LARC1-15-SD)** - (15590-FQ02)  

- **Sponsor:** College of Charleston/NASA  
- **Co-PI:** Dougal, Roger, McNeill, Stephen  

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<td>Buell, Duncan</td>
<td>Humanities Gaming: Building Serious Games for Research and Pedagogy - (15590-FJ00)</td>
<td>National Endowment for the Humanities (NEH)</td>
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<td>Eastman, Caroline</td>
<td>USC Participation in STARS Alliance for Broadening Participation in Computing - (15590-FA45)</td>
<td>University of North Carolina at Charlotte/NSF</td>
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<td>Bowles, John</td>
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<td>REU Site: Multidisciplinary Research in Secure Computing - (15590-FA65)</td>
<td>National Science Foundation (NSF)</td>
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<td>Fenner, Stephen</td>
<td>AF: Small: Computational Complexity from Physical Constraints - (15590-FA55)</td>
<td>National Science Foundation (NSF)</td>
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<td>Hu, Jianjun</td>
<td>CAREER: Computational Analysis and Prediction of Genome-wide Protein Targeting Signals and Localizations - (15590-FA57)</td>
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<td>Huang, Chin-Tser</td>
<td>Early Filtering of Malicious Botnet Traffic using Hardware Routers - (15590-FA63)</td>
<td>The Research Foundation of SUNY/AFRL</td>
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<td>TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic - (15590-FA64)</td>
<td>National Science Foundation (NSF)</td>
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<td>Nelakuditi, Srihari</td>
<td>NeTS: Small: Collaborative: Transmission Re-Ordering in Wireless Networks: Protocols and Practice - (15590-FA58)</td>
<td>National Science Foundation (NSF)</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

O’Kane, Jason
*Algorithms for Planning Under Uncertainty* - (15590-FA68)

**Sponsor:** Defense Advanced Research Projects Agency (DARPA)/DOD
**Co-PI:**

99,957

*CAREER: Algorithms for Minimalist Robot Teams* - (15590-FA71)

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

464,466

*Responsive Robot-Assisted Therapy for Autistic Children* - (15590-FA73)

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

15,080

Quan, Gang

*REU Supplement - CAREER: Power Aware Scheduling for Real-Time Embedded Systems* - (15590-FA54)

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

16,000

Rose, John

*QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing* - (15590-FA69)

**Sponsor:** National Science Foundation (NSF)
**Co-PI:** Dryden, Ian Fox, Karen

398,882
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<td>Tang, Jijun</td>
<td>Collaborative Research: Understanding Whole-genome Evolution through Petascale Simulation</td>
<td>National Science Foundation (NSF)</td>
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<td>Tang, Jijun</td>
<td>Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystem across a Cascade of Scales</td>
<td>National Science Foundation (NSF)</td>
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<td>Tang, Jijun</td>
<td>NIH Administrative Supplement: Phylogenetic Analysis with Complex Genome Rearrangement Events</td>
<td>National Institute of General Medical Sciences (NIGMS)/NIH</td>
<td>Szekely, Laszlo, Czabarka, Eva</td>
<td>88,299</td>
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<td>Tang, Jijun</td>
<td>REU Supplement - CRI: CRD Acquisition of a High-Performance Shared-Memory Computer for Biological and Medical Research in South Carolina</td>
<td>National Science Foundation (NSF)</td>
<td>Wang, Song</td>
<td>16,000</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</td>
<td>National Science Foundation (NSF)</td>
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<td>135,875</td>
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<td>Valafar, Homayoun</td>
<td>Administrative Supplement: Structure and Dynamics of Membrane Proteins from NMR Orientational Constraints</td>
<td>National Institute of General Medical Sciences (NIGMS)/NIH</td>
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<td>162,325</td>
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<td>Vidal, Jose</td>
<td>Negotiation Networks</td>
<td>National Science Foundation (NSF)</td>
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<td>Wang, Song</td>
<td>EAGER: Grouping Features for Object Localization and Image Search</td>
<td>National Science Foundation (NSF)</td>
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<td>74,963</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Xu, Wenyuan

CAREER: THAWS--Towards Highly Available Wireless Services (REU Supplement) - (15590-FA70)

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

Unit Total: 4,217,266


**Electrical Engineering**

Dougal, Roger

**Personal Power Network** - (15530-FA54)

*Sponsor:* Office of Naval Research (ONR)/DOD

**Co-PI:**

**Frequency-Agile Wide-Bandwidth Power Interface to Support Incremental Virtual Prototyping** - (15530-FA63)

*Sponsor:* Office of Naval Research (ONR)/DOD

**Co-PI:** Simin, Grigory; Santi, Enrico; Bakos, Jason

**Uncertainty-based, Self-configuring Simulation for Design Support** - (15530-FA65)

*Sponsor:* Office of Naval Research (ONR)

**Co-PI:**

**Infusion of a Gaming Paradigm into Computer-Aided Engineering Design Tools** - (15530-FA66)

*Sponsor:* Office of Naval Research (ONR)

**Co-PI:** Tang, Jijun

**Power Electronics, Architecture, Controls, and Design Tools for Electric Ship Systems.** - (15530-FA74)

*Sponsor:* Florida State University/ONR

**Co-PI:** Monti, Antonello; Santi, Enrico; Shin, Yong-June; Ponci, Ferdinanda

**Fuel Cell Power for Baseball Stadium Scoreboard** - (15530-FA91)

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

**Co-PI:** Weidner, John; Reifsnider, Kenneth; Zeigler, Helen

**Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems** - (15530-FA93)

*Sponsor:* National Science Foundation (NSF)

**Co-PI:** Santi, Enrico; Shin, Yong-June; Brice, Charles

**Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems (REU Supplement)** - (15530-FA94)

*Sponsor:* National Science Foundation (NSF)

**Co-PI:** Santi, Enrico; Shin, Yong-June; Brice, Charles

**Simulation Methods for Design of Networked Power Electronics and Information Systems** - (15530-FB02)

*Sponsor:* Office of Naval Research (ONR)

**Co-PI:**
Sponsored Awards Management (SAM)
Individual Awards - FY2010

GRAPES Industry University Collaborative Research Center (I/UCRC) - Operating Account for NSF Award 15530-FA93 - (15530-JA18)

**Sponsor:** Various Sponsors
**Co-PI:**

GRAPES Industry University Collaborative Research Center (Green Power Node Project) - (15530-JA19)

**Sponsor:** Various Sponsors
**Co-PI:**

GRAPES Industry University Collaborative Research Center - (Administration Account) - (15530-JA23)

**Sponsor:** Various Sponsors
**Co-PI:**

Khan, Asif

**Plasmons in III-Nitrides and Nanoscale III-Nitride Plasma Wave Terahertz Detectors - (15530-FA77)**

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

**AllInN Lattice Matched Barrier HEMTs on Low Defect Bulk and Quasi-Bulk III-Nitride Substrates - (15530-FA92)**

**Sponsor:** Nitek/Air Force Office of Scientific Research (AFOSR)
**Co-PI:** Huray, Paul

**Indium Based III-Nitride Semiconductor Devices - (15530-FA98)**

**Sponsor:** Northrup Grummun Corp/DOD
**Co-PI:**

**Osram Sylvania AlGaN Development - (15530-JA22)**

**Sponsor:** Osram Sylvania, Inc.
**Co-PI:**
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<td>Koley, Goutam</td>
<td><strong>REU-CAREER: InN nanowire based multifunctional nanocantilever sensors</strong> - (15530-FA88)</td>
<td>National Science Foundation (NSF)</td>
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<td><strong>Low Cost, Robust Multi-Gas Sensors for Environmental Sensing Applications</strong> - (15530-FA96)</td>
<td>SENS4/NSF</td>
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<td><strong>Graphene Based NOx Detector</strong> - (15530-FB00)</td>
<td>Structured Materials Industries, Inc./NSF</td>
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<td><strong>RET: CAREER: InN Nanowire Based Multifunctional Nanocantilever Sensors</strong> - (15530-FB04)</td>
<td>National Science Foundation (NSF)</td>
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<td>Mandal, Krishna</td>
<td><strong>Quantum Cutting Core-Shell Nanocrystals for Enhanced Solar Cell Efficiency</strong> - (15530-FB06)</td>
<td>Space and Naval Warfare Systems Center (SSC)/DARPA/DOD</td>
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<td>Santi, Enrico</td>
<td><strong>GRAPES Industry University Collaborative Research Center</strong> - (15530-JA21)</td>
<td>Various Sponsors</td>
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### Shin, Yong-June

**Joint Time-Frequency Domain Reflectometry for Diagnostics/Prognostics of Aging Electric Cables in Nuclear Power Plants**

- (15530-FA95)

- **Sponsor:** US Nuclear Regulatory Commission
- **Co-PI:** Dougal, Roger

- **Amount:** 70,900

**NSF Graduate Research Fellowship (David L. Coats)** - (15530-FB03)

- **Sponsor:** National Science Foundation (NSF)
- **Co-PI:** Coats, David

- **Amount:** 40,500

**GRAPES Industry University Collaborative Research Center** - (15530-JA20)

- **Sponsor:** Various Sponsors
- **Co-PI:**

- **Development of Advanced Sensor and Signal Processing for SeniorSMART** - (15530-LA02)

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

- **Amount:** 12,984

### Simin, Grigory

**Normally-OFF AlInGaN MOSHFET for Power Converters** - (15530-FA97)

- **Sponsor:** Sensor Electronic Technology, Inc./ONR/DOD
- **Co-PI:**

- **Amount:** 21,000

**Low-loss High-power Cryogenic RF Switches using III-Nitride MOSHFETs Phase II** - (15530-FA99)

- **Sponsor:** Sensor Electronic Technology/DOD
- **Co-PI:**

- **Amount:** 128,000

**High-Temperature Low-Loss III-Nitride MOSHFET RF Limiter** - (15530-FB05)

- **Sponsor:** Sensor Electronic Technology, Inc/US NAVY
- **Co-PI:**

- **Amount:** 10,000

### Smith, Anton

**Excavating Today for Tomorrow's Mission** - (15530-KA11)

- **Sponsor:** National Space Grant Foundation
- **Co-PI:**

- **Amount:** 0
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<td>Sudarshan, Tangali</td>
<td>Development of High Quality 4H-SiC Thick Epitaxy for Reliable High Power Electronics Using Chlorinated Precursors</td>
<td>Office of Naval Research (ONR)</td>
<td>75,000</td>
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<td>Zhao, Feng</td>
<td>Optically-controlled SiC Switches for High Speed, High-power and Energy-efficient Applications</td>
<td>Southeastern Center for Electrical Engineering Education (SCEEE)</td>
<td>24,000</td>
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<td>Engineering &amp; Computing, College of</td>
<td>Phase II - University-Industry Demonstration Partnership</td>
<td>The National Academies</td>
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<td>Boccanfuso, Anthony</td>
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**Unit Total:** 5,051,310

**Unit Total:** 314,883
Mechanical Engineering
Bayoumi, Abdel

University of South Carolina Statement of Work for the Lubrication & Filter Debris Analysis Test (CLIN 0004) - (15540-FB37)

Sponsor: SC National Guard/DOD
Co-PI:

Comprehensive Rotary-Wing Aircraft Research Plan in Support of the U.S. Army Conditioned Based Maintenance Program: Regime Recognition and Testing of Components (CLIN 0005) - (15540-FB38)

Sponsor: SC National Guard/DOD
Co-PI:

U.S. Army Conditioned Based Maintenance Program: Aircraft Components Testing (CLIN 0003) - (15540-FB39)

Sponsor: SC National Guard/DOD
Co-PI:

U.S. Army Conditioned Based Maintenance Program: Aircraft Components Testing FY 10 (CLIN 0007) - (15540-FB44)

Sponsor: SC National Guard/DOD
Co-PI:

U.S. Army Conditioned Based Maintenance Program: Aircraft Components Testing FY 10 (CLIN 0008) - (15540-FB45)

Sponsor: SC National Guard/DOD
Co-PI:
Chen, Fanglin

Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems - (15540-FB31)

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

**Co-PI:**

Tritium Sequestration in Gen IV NGNP Gas Stream via Proton Conducting Ceramic Pumps - (15540-FB36)

**Sponsor:** Battelle Energy Alliance, LLC/DOE

**Co-PI:** Reifsnider, Kenneth

Novel Intermediate Temperature Unitized Regenerative Solid Oxide Cell Technology to Support NASA’s Planetary Exploration Missions - (15540-FB46)

**Sponsor:** SC Space Grant Consortium/NASA

**Co-PI:** Reifsnider, Kenneth

Bi-Electrode Supported Solid Oxide Fuel Cell System: Phase 2 - (15540-FB47)

**Sponsor:** ENRG Inc./DARPA/DOD

**Co-PI:** Reifsnider, Kenneth

Self-Rising Approach to Synthesize Hierarchically Porous Mixed Ionic and Electronic Conducting Cathodes for Solid Oxide Fuel Cells - (15540-FB49)

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

**Co-PI:** Xue, Xingjian

Development of High Performance Cathode for Intermediate-Temperature Solid Oxide Fuel Cells via Impregnation - (15540-FB50)

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

**Co-PI:**

Fabrication of Solid Oxide Fuel Cells - (15540-JA51)

**Sponsor:** NextGenEn, Inc

**Co-PI:**

Deng, Xiaomin

Identification of Blast Pressure Distributions from Explosions Using Full-field Surface Deformation Measurements and Advanced Inverse Analysis Methods - (15540-FB01)

**Sponsor:** University of Maryland/ARO/DOD

**Co-PI:** Sutton, Michael
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<td>Giurgiu, Victor</td>
<td>Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis</td>
<td>Physical Acoustics/NIST</td>
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<td>Caicedo, Juan, Huynh,</td>
<td>Exact Modeling of Power and Energy Transduction for Optimum Design of</td>
<td>National Science Foundation (NSF)</td>
<td>239,997</td>
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<td>Gassman, Sarah</td>
<td>Structurally-Integrated Thin-Film Active Sensors</td>
<td>Co-PI:</td>
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<td>Reifsnider, Kenneth</td>
<td>ARO STIR: Combined Use of Electromechanical Impedance Spectroscopy (EMIS) and Electrochemical Impedance Spectroscopy (ECIS) for Contamination Detection in Active Carbon Filters</td>
<td>Army Research Office (ARO)/DOD</td>
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<td>He, Xiaoming</td>
<td>A Combined Cancer Treatment of Cryoablation and Nanoparticle Drug Delivery</td>
<td>Wendy Will Case Cancer Fund, Inc.</td>
<td>30,000</td>
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<td>Huang, Xinyu</td>
<td>Fundamental Study of the Degradation Mechanisms of Polymer Electrolyte Membranes for PEM Fuel Cells</td>
<td>National Science Foundation (NSF)</td>
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<td>Development of A Combined Photoelasticity and Digital Image Correlation Method for Mechanical Characterization of Ionomer Membranes</td>
<td>SC Space Grant Consortium and NASA EPSCoR South Carolina</td>
<td>30,000</td>
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<td>Co-PI: Sutton, Michael</td>
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### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<th>Name</th>
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<tr>
<td>Khan, Jamil</td>
<td>Professional Development Opportunity Fellowship Program - (15540-FA97)</td>
<td>Sandia National Laboratories/DOE</td>
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<td>Conducting Heat Transfer Measurements of Nanoparticle Enhanced Ionic Liquids (NEILS) - (15540-FB56)</td>
<td>SC Universities Research &amp; Education Foundation (SCUREF)/DOE</td>
<td>36,917</td>
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<td>Remote Ultrasonic Diagnostics of Material Damage Under High Radiation and High Temperatures - (15540-JA15)</td>
<td>Westinghouse Electric Co. LLC</td>
<td>46,158</td>
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<td>Knight, Travis</td>
<td>Initial Investigation of a Hybrid Targeted Minor Actinide Transmutation Scheme for SFR Homogeneous Recycle - (15540-FB40)</td>
<td>Battelle Energy Alliance, LLC/DOE</td>
<td>4,632</td>
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<td>University of South Carolina Next Generation Nuclear Engineer Fellowship Program - (15540-FB55)</td>
<td>Nuclear Regulatory Commission</td>
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<td>DOE Nuclear Engineering Scholarship and Fellowship Program at USC - (15540-FJ05)</td>
<td>US Department of Energy (DOE)</td>
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<td>NRC Next Generation Engineer Scholarship Program - (15540-FJ06)</td>
<td>US Nuclear Regulatory Commission (NRC)</td>
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Li, Xiaodong

Nanoscale Deformation and Toughening Mechanisms of Nacre - (15540-FA86)  

**Sponsor:** US Army Research Office (ARO)/DOD  
**Co-PI:**  

50,000

High Throughput Manufacturing of Carbide Nanowire-Carbon Microfiber Hybrid Structures and Polymer Composites from Cotton Textiles - (15540-FB52)  

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

300,000

Fabrication of Lead-free Solder Samples Using an Electroplating System - (15540-FL00)  

**Sponsor:** SCUREF/DOE  
**Co-PI:**  

30,246

Service for Processes for Diamond-Like Carbon Coatings on Zirlo Nuclear Fuel Cladding Tubes - (15540-JL02)  

**Sponsor:** Westinghouse Electric Company LLC  
**Co-PI:**  

15,000

Lyons, Jed

Creating Industry-Ready PhD Graduates - (15540-FB26)  

**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Gatzke, Edward  

149,999
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<td>Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems - Administrative Core (Parent Account) - ( 15540-FB30 )</td>
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<td>Advanced Solid Oxide Fuel Cells for Soldier Portable Power - ( 15540-FB42 )</td>
<td>WinTec Arrowmaker/US Army</td>
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<td>DoD FY 2010 Defense University Research Instrumentation Proposal-(DURIP 10) - 3D Visualization of Material State Changes using X-ray Computed Tomography (XCT) for Prognosis of Heterogeneous - ( 15540-FQ02 )</td>
<td>Air Force Office of Scientific Research (AFOSR)/DOD</td>
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<td>Sponsoring PI: Majumdar, Prasun</td>
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Reynolds, Anthony
Investigation of Factors Leading to Abnormal Grain Growth during Post-Weld Solution Heat Treatment of Alloy 2195 Friction Stir Welds - (15540-FB15)
Sponsor: National Institute of Aerospace/NASA
Co-PI:

Friction Stir Processing for Mitigation of Pitting Corrosion and Stress Corrosion Cracking in Marine Aluminum Alloys - (15540-FB18)
Sponsor: Office of Naval Research (ONR)
Co-PI:

Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC - (15540-FB27)
Sponsor: National Science Foundation (NSF)
Co-PI:

Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC (REU Supplement) - (15540-FB28)
Sponsor: National Science Foundation (NSF)
Co-PI:

NASA MIPR Funds - (15540-FB41)
Sponsor: South Dakota School of Mines & Technology/NSF
Co-PI:

Friction Extrusion Die Geometry Optimization - (15540-FB43)
Sponsor: National Institute of Aerospace/NASA
Co-PI:

Friction Consolidation and Extrusion of ODS Steel Powders - (15540-FB51)
Sponsor: Batelle Memorial Institute - Pacific Northwest Division/DOE
Co-PI: Kaoumi, Djamel

FSP I/UCRC Operation Account - (15540-JA21)
Sponsor: Various Sponsors
Co-PI:

Scale-up of a Low Cost Ti Wire Production Process: TiPWIP - (15540-JA49)
Sponsor: Lockheed Martin
Co-PI:
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Development of Rules Based Friction Stir Process Window Mapping - (15540-JA50) 30,000
  
  **Sponsor:** ALCAN Centre de Recherches de Voreppe
  **Co-PI:** Sutton, Michael

Sutton, Michael

Modeling, Simulation and Sensing of Progressive Damage at Multiple Scales for Performance Prognosis in Metallic and Composite Aero Structures - (15540-FB24) 400,000

  **Sponsor:** Air Force Office of Scientific Research (AFOSR)/DOD
  **Co-PI:** Deng, Xiaomin, Reifsnider, Kenneth, Xue, Xingjian, Yu, Lingyu

Workshop and Symposium on Advanced Imaging Methods for Accurate Deformation, Motion and Shape Measurements: Recent Developments and Applications - (15540-FB25) 6,500

  **Sponsor:** Air Force Office of Scientific Research (AFOSR)/DOD
  **Co-PI:** Wang, Guiren

Wang, Guiren

CAREER: Studying Flow Velocity Field in Nanofluidics with a Far-Field Nanoscopic Velocimetry - (15540-FB54) 400,000

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

A Novel Rapid Mixing Process and Mixer in Continuous Operation - (15540-KA22) 60,000

  **Sponsor:** North American Mixing Forum (NAMF)
  **Co-PI:**

Xue, Xingjian

Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems - (15540-FB33) 100,167

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

Unit Total: 10,442,778
### SC Alliance for Minority Participation (SCAMP)

**Perkins, Michael**

**SCAMP Phase II Proposal entitled - Strengthening and Expanding the STEM Pipeline: A Pathway to Success - (15580-FA04)**

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**State Matching funds for SCAMP FY10 (15580-FA04) - (15580-GA18)**

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### Honors College, South Carolina

**Tanner, Patsy**

**Center One at Fort Jackson, Program Support - (12010-FA05)**

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

**Kline, Sheryl**

**Hotel Tax Study ~ Greater Columbia Hotel Motel Association (CHMA) - (14000-JA01)**

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**COEE - (22000-GA03)**

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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Hotel, Restaurant & Tourism Administration
Harrill, Richard

Center for Exhibition Industry Research: CEIR Index 2009-2010 - (14050-KA08) 46,000
Sponsor: Center for Exhibition Industry Research
Co-PI: Brown, Matthew Cardon, Peter Nagel, Mark

Punta Cana International Airport: International Tourist Exit Survey - (14050-KA09) 4,038
Sponsor: GRUPO PuntaCana
Co-PI:

Li, Xiang (Robert)
Establishing a Japan Travel Trade Barometer Program - (14050-KA07) 40,000
Sponsor: National Tour Association
Co-PI: Harrill, Richard

Unit Total: 90,038

Sport & Entertainment Management
Roach, Frank

SEVT Conference - Hospitality Tax Application - (14030-HJ02) 18,000
Sponsor: City of Columbia
Co-PI:

Unit Total: 18,000
Division Total: 1,137,438

Law Enforcement & Safety

Law Enforcement & Safety
Bocchino, Vinny

Recovery Act: Edward Byrne Memorial Competitive Grant Program - Law Enforcement Equipment - (66000-FQ04) 72,614
Sponsor: SC Department of Public Safety (SCDPS)/DOJ
Co-PI:

Evans, Richard
DHEC Diesel Emissions Reduction Grant - (66000-FQ03) 71,710
Sponsor: SC Department of Health & Environmental Control (DHEC)/EPA
Co-PI:

Unit Total: 144,324
Division Total: 144,324
Law, School of

Children's Law Center
Leclair, Thomas

Student Clinical Practice and Training Project - (15800-FL32) 100,000

Sponsor: US Department of Justice (DOJ)
Co-PI: Wilcox, Robert
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<td>SC Court Administration/ACF/HHS</td>
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<td>Community Programs: Implementing the Reduction of DMC - (15810-FJ06)</td>
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<td>DJJ Subgrant / JABG Year 2 - (15810-FL16)</td>
<td>SC Department of Juvenile Justice/SCDPS/DOJ</td>
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<td>DJJ Subcontract / Formula Grant - (15810-FL18)</td>
<td>SC Department of Juvenile Justice/DOJ</td>
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<td>Children’s Justice Act: Support of CJA Task Force - (15810-FL19)</td>
<td>SC Department of Social Services/HHS</td>
<td>Co-PI:</td>
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<td>Children’s Justice Act - Operation of the Children’s Law Center - (15810-FL20)</td>
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<td>Effective Assistance of Counsel - (15810-FL21)</td>
<td>SC Department of Public Safety/DOJ</td>
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<td>DJJ JABG Subgrant - (15810-FL22)</td>
<td>SC Department of Juvenile Justice/SCDPS/DOJ</td>
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<td>Legal Training for DSS Staff and Agents - (15810-FL23)</td>
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<td>S.C. Department of Juvenile Justice Contract - (15810-GL04)</td>
<td>SC Department of Juvenile Justice</td>
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S.C. Bar Foundation - ( 15810-KL04 )

Sponsor: SC Bar Foundation
Co-PI:

Unit Total:  $20,000

Law, School of
Connolly, Kim

Wetlands Jurisdiction Research in South Carolina - ( 15800-KA02 )

Sponsor: National Wildlife Federation
Co-PI:

Unit Total:  $3,000

Division Total:  $1,865,488

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of
Besley, John


Sponsor: University of Nevada, Las Vegas/NSF
Co-PI:

Collins, Erik

GA: Rachael Renken - ( 15600-KP11 )

Sponsor: Children's Trust Fund of South Carolina
Co-PI:
### Sponsored Awards Management (SAM)
#### Individual Awards - FY2010

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<td>BGTime - (15600-KJ05)</td>
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<td>Municipal Association of SC - (15600-KJ06)</td>
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<td>Zayed University Training in Dubai - (15600-LJ03)</td>
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**Unit Total:** 127,394

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### Library & Information Sciences, School of

**Hastings, Samantha**

**Cultural Heritage Informatics Leadership (CHIL): An Experiment in Responsive Doctoral Studies - (15700-FL01)**

| Sponsor: Institute of Museum and Library Services                     | 857,489 |
| Co-PI: Arns, Jennifer                                                  |         |

**Unit Total:** 857,489

---

### Mass Communications & Information Studies, College of

**McGill, Denise**

**Use of Video Medium for Recruiting, Outreach, Training and Education - (15600-FA03)**

| Sponsor: Natural Resources Conservation Service (NRCS)/USDA            | 4,878   |
| Co-PI:                                                                  |         |

**Unit Total:** 4,878

**Division Total:** 989,761

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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Medicine, School of

Cell & Developmental Biology & Anatomy

Carver, Wayne

Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart - ( 18020-FA45 )

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

Co-PI:  

Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart - Supplement for Vennece Fowlkes - ( 18020-FA57 )

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

Co-PI:  

Cui, Taixing

COBRE: UCHL-1 and Vascular Lesion Formation - ( 18020-FA63 )

Sponsor: Medical University of SC/NIH

Co-PI:  

Role of UCH-L1 in the Regulation of Vascular Smooth Muscle Cell Migration - ( 18020-KA26 )

Sponsor: American Heart Association

Co-PI:  

Fan, Daping

COBRE: Role of MicroRNA-155 in Macrophage Function and Atherosclerosis - ( 18020-FA62 )

Sponsor: Medical University of SC/NIH

Co-PI:  

Goldsmith, Edie

Using Gold Nanorods to Modify the Extracellular Matrix and Mechanical Properties of Cardiac Valves - ( 18020-FA59 )

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

Co-PI: Murphy, Catherine  Baxter, Sarah  Wilson, Christopher

Three-dimensional Model for Examining Collagen Organization by Cardiac Fibroblasts - ( 18020-KA24 )

Sponsor: American Heart Association

Co-PI: Carver, Wayne  Yost, Michael
Goodwin, Richard
The Role of Fluid Flow in Valvulogenesis - (18020-FA48)
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Potts, Jay

ARRA Administrative Supplement - The Role of Fluid Flow in Valvulogenesis - (18020-FA61)
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI:

The Role of Fluid Flow in Valvulogenesis - Diversity Supplement for A. Franco-Roberts - (18020-FA65)
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI:

Cooperative agreement with Viscofan Bioengineering - (18020-JA04)
Sponsor: Naturin Viscofan GmbH
Co-PI:

Janicki, Joseph
Development of a Long-term, Working Cardiovascular Tissue Slice Culture - (18020-FA67)
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI:
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Lessner, Susan

**Novel Experimental and Theoretical Approaches to Understand Biomechanics of Atherosclerotic Plaque Rupture - (18020-FA60)**

*Sponsor:* National Science Foundation (NSF)
*Co-PI:* Sutton, Michael

*323,559*

*The South Carolina Center of Biomaterials for Tissue Regeneration (CBTR) - Proposed COBRE Program - (18020-FA64)*

*Sponsor:* Clemson University/NIH

*328,432*

*GEAR Grant: Bose Biodynamic Test Bed for Vascular Biomechanics - (18020-FQ04)*

*Sponsor:* SC EPSCoR/NSF
*Co-PI:* Sutton, Michael

*100,000*

*Origin and Function of Angiogenic Capillary Networks in Atherosclerotic Lesions - (18020-KA12)*

*Sponsor:* American Heart Association National Research Program
*Co-PI:*

*65,000*

Levick, Scott

**Neuro-immune Modulation of Cardiac Mast Cell-Mediated Myocardial Remodeling - (18020-FA68)**

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

*90,000*

**Neuropeptide Regulation of Cardiac Mast Cell-Mediated Myocardial Remodeling - (18020-KA25)**

*Sponsor:* American Heart Association
*Co-PI:*

*40,000*
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<td>Electrophysiology of Neonatal and Adult Heart</td>
<td>National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
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<td>Cleemann, Lars</td>
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<td>The Morphogenetic Regulation of Cardiac Valves by Fluid Flow</td>
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<td><strong>Co-PI:</strong></td>
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|**Center for Colon Cancer Research (Histology Core) - (13130-FA36)**| 10,000|
|**Sponsor:** National Center for Research Resources (NCRR)/NIH|  |
|**Co-PI:**|  |

|**South Carolina COBRE for Developmentally Based Cardiovascular Diseases - Molecular Imaging and Instrumentation Core - (18020-FA42)**| 26,145|
|**Sponsor:** Medical University of South Carolina (MUSC)/NIH|  |
|**Co-PI:**|  |

|**IVIS Spectrum Imaging System for the University of South Carolina (ARRA - S10: Shared Instrumentation Grant Program) - (18020-FQ05)**| 381,491|
|**Sponsor:** National Center for Research Resources (NCRR)/NIH|  |
|**Co-PI:** Berger, Franklin Pena, Maria|  |

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<thead>
<tr>
<th><strong>Ramsdell, Ann</strong></th>
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<td><strong>Development of Xenopus as a Model of Human Congenital Heart Disease - (18020-FA50)</strong></td>
<td>103,929</td>
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<td><strong>Sponsor:</strong> National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
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<th><strong>Supowit, Scott</strong></th>
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<td><strong>Role of Sensory Neuropeptides in the Regulation of Biliary Function - (18020-FA55)</strong></td>
<td>45,399</td>
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**Unit Total:** 5,458,298
Family & Preventive Medicine

Baxley, Elizabeth

The Diabetes Initiative of South Carolina - (18130-GL18)  
**Sponsor:** Medical University of South Carolina (MUSC)  
**Co-PI:**

Palmetto Health Affiliation - (18130-K401)  
**Sponsor:** Palmetto Health Alliance  
**Co-PI:**

Palmetto Health Affiliation (Educ. Trust) - (18130-K402)  
**Sponsor:** Palmetto Health Alliance  
**Co-PI:**

The I3 Collaborative: Improving Quality of Care in Family Medicine Residencies - (18130-KA03)  
**Sponsor:** University of North Carolina at Chapel Hill/The Duke Endowment  
**Co-PI:** Stanek, Michele

Experience in Quality Improvement for Practice for Primary Care (EQuIP PC): An Ambulatory Care Practice Consortium - (18130-KA05)  
**Sponsor:** Medical University of South Carolina (MUSC)/HSSC  
**Co-PI:**

Bennett, Kevin

Chronic Care Quality Improvement Learning Laboratory (CQuLL) - (18130-FJ02)  
**Sponsor:** Agency for Healthcare Research and Quality/HHS  
**Co-PI:**

Quality Improvement Collaboration in a Rural Network: The Interaction of Health Information Technology and Performance - (18130-KA04)  
**Sponsor:** Health Sciences South Carolina (HSSC)  
**Co-PI:**
McDermott, Suzanne
Methods to Detect Maternal Exposures and Child Outcomes - ( 18130-FA13 ) 376,253
Sponsor: National Institute of Environmental Health Sciences (NIEHS)/NIH
Co-PI: Cai, Bo

SC Disability and Health Project - ( 18130-FL10 ) -15,759
Sponsor: Centers for Disease Control (CDC)/HHS
Co-PI:

SC Disability and Health Project - ( 18130-FL12 ) 15,759
Sponsor: Centers for Disease Control (CDC)/HHS
Co-PI:

SC Disability and Health Project - ( 18130-FL14 ) 300,000
Sponsor: Centers for Disease Control (CDC)/HHS
Co-PI:

SC Data Management & Biostatistics - ( 18130-GL17 ) 8,000
Sponsor: SC Department of Disabilities & Special Needs (DDSN)/HHS
Co-PI:

Unit Total: 2,401,356

Genetics
Best, Robert
Genetic Services to Patients of DHEC and Other Underserved Persons - ( 18210-GL00 ) 45,485
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI:

Unit Total: 45,485

Internal Medicine
Aamir, Sayed
Association Between Diabetes Distress and Postprandial Hyperglycemia: Impact of a Routine Multidisciplinary Supportive, Dietary, and Pharmacologic Approach in a Specialized Diabetes Unit - ( 18190-LA01 ) 2,950
Sponsor: RMH Research and Education Foundation
Co-PI: Rizvi, Ali
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Ahuja, Divya
Enhancing Linkages to HIV Primary Care and Services in Jail Settings Demonstration Models
- (18190-FA01)

Sponsor: Health Resources & Services Administration (HRSA) HIV/AIDS Bureau/HHS
Co-PI: Albrecht, Helmut    Duffus, Wayne

South Carolina Linkage Program for Inmates, Non competing Application 2008, HRSA 5-H97-08-001, CFDA No. 93.928 - (18190-FA02)

Sponsor: Health Resources & Services Administration (HRSA) HIV/AIDS Bureau/HHS
Co-PI: Albrecht, Helmut    Duffus, Wayne

Enhancing Linkages to HIV Primary Care in Jail Settings: Non-competing application 2009; Award No.: 6H97HA08542-020-01; Grant No:H97HA08542 - (18190-FA03)

Sponsor: Health Resources & Services Administration (HRSA) HIV/AIDS Bureau/HHS
Co-PI: Albrecht, Helmut    Duffus, Wayne

South Carolina HIV/AIDS Clinical Training Center (BASIC) - (18190-FJ10)

Sponsor: Emory University/HRSA
Co-PI: Sutton, Scott

Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Two-Stage Study to Assess the Efficacy and Safety of Crofelemer 125mg, 250 mg, and 500 mg Orally Twice Daily for the Treatment of HIV Associated Diarrhea (ADVENT Trial) - (18190-JA40)

Sponsor: Napo Pharmaceuticals, Inc.
Co-PI: Horvath, Joseph    Duffus, Wayne
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<th>Project Description</th>
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<td><strong>Ryan White HIV/AIDS Treatment Modernization Act - Part B (SC ADAP Insurance)</strong></td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/HRSA</td>
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<td><strong>Minority AIDS Initiative (MAI) - Programs Increasing Access to Ryan White Medications for Racial and Ethnic Minorities: Prison Linkage Program and Sumter Health Promoters Program</strong></td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/HHS</td>
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<td><strong>Ryan White Part D (formerly Title IV): Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY)</strong></td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/HHS</td>
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<td><strong>Perinatal HIV Prevention Case Management</strong></td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/CDC</td>
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<td><strong>Ryan White HIV/AIDS Treatment Modernization Act - Part B (RW Emerging Communities Funds)</strong></td>
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<td><strong>Ryan White HIV/AIDS Treatment Modernization Act - Part B (SC ADAP Insurance)</strong></td>
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Tibotec Pharmaceuticals Limited Protocol TMC278-TiDP-C209: A Phase III, Randomized, Double-blind Trial of TMC278 25 mg q.d. Versus Efavirenz 600 mg q.d. in Combination with a Fixed Background Regimen Consisting of Tenfovir Disoproxil Fumarate and Emtricitabine

**Sponsor:** Tibotec Pharmaceuticals Limited
**Co-PI:**

Merck & Co., Inc. MK-0518 Protocol #055-00: A Phase III Open-Lab Single Arm Study to Evaluate the Safety, Tolerability, and Efficacy of MK-0518/Raltegravir in a Diverse Cohort of HIV-Infected Patients - (18190-JA48)

**Sponsor:** Merck & Company, Inc.
**Co-PI:**

An International, Multicenter, Prospective Observational Study of the Safety of Maraviroc Used with Optimized Background Therapy in Treatment Experienced HIV 1 Infected Patients. - (18190-JA50)

**Sponsor:** Pfizer, Inc.
**Co-PI:** Duffus, Wayne Ahuja, Divya Horvath, Joseph

A Randomized, Multicenter, Double-Blind, Group-Sequential Study to Evaluate the Efficacy, Immunogenicity, and Safety of a Single Dose of Merck 0657 Staphylococcus aureus Vaccine (V710) in Adult Patients Scheduled for Cardiothoracic Surgery - (18190-JA52)

**Sponsor:** Merck & Company, Inc.
**Co-PI:**

Amrol, David A 24-Week Study to Evaluate the Efficacy and Safety of Fluticasone Furoate (FF)/GW642444 Inhalation Powder and the Individual Components Delivered Once Daily (AM) Via a Novel Dry Powder Inhaler Compared with Placebo in Subjects with Chronic Obstructive Pulmonary Disease

**Sponsor:** GlaxoSmithKline LLC
**Co-PI:**

Chillag, Shawn Palmetto Health Affiliation - (18190-K401)

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

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

**Sponsor:** Palmetto Health Alliance
**Co-PI:**
Sponsored Awards Management (SAM)
Individual Awards - FY2010

DiPette, Donald
Palmetto Health Affiliation - (18260-K401)
Sponsor: Palmetto Health Alliance
Co-PI:  

Duffus, Wayne
Building a Sustainable Collaborative Platform for HIV/AIDS Prevention, Comprehensive Care, and Clinical Research in South Carolina - (18190-FA04)
Sponsor: Medical University of South Carolina (MUSC)/Univ of Miami/NIH
Co-PI:  

Eleazer, Paul
Leadership Development Initiative - (18190-KA08)
Sponsor: Association of Directors of Geriatric Academic Programs, Inc./Hartford Fdn.
Co-PI:  

Donald W. Reynolds Grant (Subrecipient grant: Technical Assistance) - (18190-KL01)
Sponsor: MUSC/Donald W. Reynolds Foundation
Co-PI: Dever-Bumba, Maureen Stewart, Thomas

Senior Mentor Programs for the Carolinas - (18190-KL04)
Sponsor: Fullerton Foundation
Co-PI: Dever-Bumba, Maureen Stewart, Thomas Wieland, Darryl

Comprehensive Program to Strengthen Physician Training in Geriatrics - (18190-KL05)
Sponsor: University of Alabama at Birmingham
Co-PI:  

Reynolds Subrecipient Grant (University of Texas) - (18190-KL06)
Sponsor: University of North Texas Health Science Center at Fort Worth/Donald W. Reynolds Foundation
Co-PI: Dever-Bumba, Maureen

SC Consortium for Cardiovascular Disease and Stroke - (18190-LA00)
Sponsor: Palmetto Health Alliance
Co-PI:  

COEE - (22000-LA06)
Sponsor: SC General Assembly
Co-PI:  

Page 118
Hirth, Victor

**Palmetto State Geriatric Education Center** - (18190-FJ07)  
**Sponsor:** Health Resources & Services Administration (HRSA)/HHS  
**Co-PI:** Eleazer, Paul


62,958


Dever-Bumba, Maureen    Eleazer, Paul


Hoppmann, Richard

**Palmetto Health Affiliation** - (18100-K401)  
**Sponsor:** Palmetto Health Alliance  
**Co-PI:**

**Development of Ultrasonography in the Rural Primary Care Setting to Enhance the Quality and Safety of Patient Care** - (18190-KJ02)  
**Sponsor:** Duke Endowment  
**Co-PI:** Fowler, Stanley    Howe, Duncan

17,721


Palmetto Health Affiliation - (18300-K401)  
**Sponsor:** Palmetto Health Alliance  
**Co-PI:**

**Development of Ultrasonography in the Rural Primary Care Setting to Enhance the Quality and Safety of Patient Care** - (18460-KJ00)  
**Sponsor:** Duke Endowment  
**Co-PI:** Fowler, Stanley    Howe, Duncan

233,429


Achieving Optimal High Blood Pressure Treatment for Free Medical Clinic Patients Using Point of Care Portable Ultrasound - (18460-KL00)  
**Sponsor:** Sisters of Charity Foundation of South Carolina  
**Co-PI:**

15,000
Lin, Tu
Eli Lilly B7A-MC-MBCW LY333531 Treatment of Symptomatic Peripheral Neuropathy in Patients with Diabetes - (18190-JA10)

Sponsor: Quintiles, Inc.
Co-PI:

-15,938

A 52-week Randomised, Controlled, Open label, Multicentre, Multinational Treat-to-target Trial Comparing the Efficacy and Safety of SIBA and Insulin Glargine, both Injected Once Daily in Combination with Oral Anti-diabetic Drugs (OAD), in Subjects with Ty

Sponsor: Novo Nordisk, Inc.
Co-PI: Rizvi, Ali

48,285

Owens, William
ACCESS: A Controlled Comparison of Eritoran Tetrasodium and Placebo in Patients with Severe Sepsis - (18190-JA35)

Sponsor: Eisai Medical Research, Inc.
Co-PI:

18,813
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Parker, R David

Housing Case Management for Persons with Disabilities - (18190-FL69) $4,388
Sponsor: The Healing Properties, Inc./HOPWA/HUD
Co-PI: Albrecht, Helmut

ARRA: Homelessness Prevention and Rapid ReHousing Program (HPRP) Case Management - (18190-FL74) $95,800
Sponsor: City of Columbia/HUD
Co-PI: Albrecht, Helmut

DHEC HOPWA Career Services Program - (18190-FL78) $56,000
Sponsor: SC Department of Health & Environmental Control (DHEC)/HUD
Co-PI: Albrecht, Helmut

HOPWA HIV Services for Columbia EMSA Residents - (18190-FL80) $392,484
Sponsor: City of Columbia/HUD
Co-PI: Albrecht, Helmut

Housing First Program for Homeless Persons with Disabilities - (18190-FL81) $228,057
Sponsor: City of Columbia/HUD
Co-PI: Albrecht, Helmut

Integrating Research into Homeless Services (IRIHS) - (18190-HL00) $0
Sponsor: City of Columbia
Co-PI: Albrecht, Helmut

Integrating Research into Homeless Services/Case Management and Translational Research Services (IRIHS) - (18190-HL01) $260,877
Sponsor: Cooperative Ministry/City of Columbia
Co-PI: Albrecht, Helmut

TCM Program Coordination Services - (18190-KL07) $68,801
Sponsor: The Cooperative Ministry
Co-PI: Albrecht, Helmut

Perkins, Linda

A Randomized, Double-Blind, Placebo-Controlled, Phase 2b Study to Assess the Safety and Efficacy Effects of ART-123 on Subjects with Sepsis and Disseminated Intravascular Coagulation - (18190-JA47) $480
Sponsor: Artisan Pharma, Inc.
Co-PI: Albrecht, Helmut
Raza, Muhammad
Pulmonary Arterial Hypertension (PAH) Quality Enhancement Research Initiative (QuERI) - (18190-JA39)

Sponsor: Actelion Pharmaceuticals
Co-PI:

ATHENA-1: A Randomized, Multicenter Study of Ambrisentan and Sildenafil Combination therapy in Subjects with Pulmonary Arterial Hypertension who have Demonstrated a Sub-Optimal Response to Sildenafil (Trial GS-US-300-0117) - (18190-JA46)

Sponsor: Gilead Sciences, Inc.
Co-PI:

Rizvi, Ali
Pfizer, Inc. International Metabolic Study (KIMS) (Protocol No. CTN 97-0339-025) - (18190-JA42)

Sponsor: Pfizer, Inc.
Co-PI:

Unit Total: 11,843,879

Medicine Library
McConnaughy, Rozalynd
Creating the InfoAble Portal - (18280-FL05)

Sponsor: University of Maryland, Baltimore/Nat'l. Network of Libraries of Medicine/SE Atlantic Region/HHS
Co-PI: Wilson, Steven

Whitaker, Christine
History of Medicine Digitization Project - (18280-FL08)

Sponsor: National Network of Libraries of Medicine - Southeastern/Atlantic Region
Co-PI: Yeh, Felicia

Yeh, Felicia
Digitization Project for the History of Medicine Collection - (18280-FL06)

Sponsor: National Network of Libraries of Medicine (NN/LM)
Co-PI: Whitaker, Christine

Building Partnerships Between Libraries and Community Emergency Management Personnel in South Carolina - (18280-FL07)

Sponsor: National Network of Libraries of Medicine (NN/LM)
Co-PI:

Unit Total: 12,200
### Sponsored Awards Management (SAM)

**Individual Awards - FY2010**

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<th>Department</th>
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<th>Co-PI</th>
<th>Principal Investigator</th>
<th>Program Title</th>
<th>Sponsor Code</th>
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<td>Medicine, School of - (Dean)</td>
<td>Fowler, Stanley</td>
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<td>USCSOM and SC ORH Rural Outreach Contract - ( 18000-FL00 )</td>
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<td>Sponsor: SC Department of Health &amp; Human Services/HHS</td>
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<td>Co-PI: Howe, Duncan</td>
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<td>Sharp Curriculum for Health Promotion - ( 18360-KJ06 )</td>
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<td>Neurology</td>
<td>Sen, Souvik</td>
<td>Palmetto Health Affiliation - ( 18450-K401 )</td>
<td>38,364</td>
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<td>Neuropsychiatry</td>
<td>Dwyer, R. Gregg</td>
<td>Internet Chat Room Solicitation of Children: A Study of Psychosocial and Criminal Justice Factors as They Relate to Public Safety Risk - ( 18120-KA02 )</td>
<td>13,922</td>
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Leech, Linda

Long Term Training: Vocational Rehabilitation - ( 18120-FJ00 )

Sponsor: US Department of Education (USDE)
Co-PI:

Long Term Training Grant in Job Development and Placement - ( 18120-FJ01 )

Sponsor: US Department of Education (USDE)
Co-PI:

Cooperative Agreement Between SC Vocational Rehabilitation Department, SC Dept of Mental Health and SC Commission for the Blind and the USC Rehabilitation Counseling Program - ( 18120-GL21 )

Sponsor: SC VOCATIONAL REHABILITATION (SCVRD)/SC Commission for the Blind/SC Department of Mental Health
Co-PI:

Cooperative Agreement Between SC Vocational Rehabilitation Department, SC Dept of Mental Health and SC Commission for the Blind and the USC Rehabilitation Counseling Program - ( 18120-GL22 )

Sponsor: SC COMMISSION FOR THE BLIND (SCCB)/SC Department of Mental Health/SC Vocational Rehabilitation
Co-PI:

Cooperative Agreement Between SC Vocational Rehabilitation Department, SC Dept of Mental Health and SC Commission for the Blind and the USC Rehabilitation Counseling Program - ( 18120-GL23 )

Sponsor: SC Department of Mental Health (SCDMH)/SC Commission for the Blind/SC Vocational Rehabilitation
Co-PI:

Mrelashvili, Davit

Gene Expression and Diagnosis of Autoimmune Disease - ( 18120-JA12 )

Sponsor: Arthrochip, LLC
Co-PI:
# Sponsored Awards Management (SAM)
## Individual Awards - FY2010

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<th>Award Amount</th>
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<td>Clinical and Policy Implications of a Statewide Emergency Telepsychiatry Program</td>
<td>National Institute of Mental Health (NIMH)/NIH</td>
<td>708,381</td>
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<td>Risperidone Long-Acting for Alcohol and Schizophrenia Treatment (R-Last)</td>
<td>Trustees Dartmouth College/Janssen Medical Affairs</td>
<td>127,385</td>
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<td>An Open-Label, 8-week Flexible Dose Trial of Escitalopram (Lexapro) in Comorbid Major Depression with Amyotrophic Lateral Sclerosis and Multiple Sclerosis</td>
<td>Forest Research Institute</td>
<td>102,188</td>
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<td>High Dose Risperdone Consta for Patients with Schizophrenia with Unsatisfactory Response to Standard Dose Risperidone or Long Acting Injectable</td>
<td>Vanderbilt University Medical Center/Ortho-McNeil Janssen Scientific Affairs, LLC</td>
<td>30,525</td>
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<td>A Phase 2, Multicenter, Randomized, Double-blind, Placebo-controlled Study of the Safety and Efficacy of OPC-34712 as Adjunctive Therapy in the Treatment of Patients with Major Depressive Disorder</td>
<td>Otsuka Pharmaceutical Development and Commercialization, Inc.</td>
<td>52,116</td>
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<tr>
<td>A Phase 2, Multicenter, Open-label Study to Assess the Safety and Tolerability of Oral OPC-34712 as Adjunctive Therapy in Adult Patients with Major Depressive Disorder</td>
<td>Otsuka Pharmaceutical Development and Commercialization, Inc.</td>
<td>1,000</td>
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<td>Predictors of Response to Augmentation with Ziprasidone (Geodon) in Major Depressive Disorder: A 13-week, Double-Blind, Placebo-Controlled, Cross-Over Trial</td>
<td>Tufts Medical Center, Inc.</td>
<td>2,000</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Selph, James
SP954-VERSA An Open-Label, Multicenter, Multinational Study of Lacosamide as First Add-On Antiepileptic Drug (AED) Treatment in Subjects with Partial-Onset Seizures. - (18450-JA01)
- Sponsor: Schwarz Biosciences, Inc
- Co-PI: Mrelashvili, Davit
- Amount: 1,000

Warren, Mary Ellen
Infant/Early Childhood Mental Health Workforce Development - (18120-GL24)
- Sponsor: SC Department of Health & Environmental Control (DHEC)
- Co-PI:
- Amount: 19,000

Wright, Harry
South Carolina Autism Treatment Network - (18120-KL01)
- Sponsor: The Fullerton Foundation
- Co-PI: Abramson, R.K.
- Amount: 150,000

Unit Total: 2,416,251

Obstetrics & Gynecology
Bacon, Janice
Palmetto Health Affiliation - (18110-K401)
- Sponsor: Palmetto Health Alliance
- Co-PI:
- Amount: 1,060,644

Palmetto Health Affiliation (Educ. Trust) - (18110-K402)
- Sponsor: Palmetto Health Alliance
- Co-PI:
- Amount: 101,508

Browne, Paul
USC School of Medicine-Web Conference for Rural Obstetric Care - (18110-KL01)
- Sponsor: SC March of Dimes Chapter Grant
- Co-PI:
- Amount: 20,000

Carney, Patricia
Twin Birth Study - (18110-LA01)
- Sponsor: Canadian Institutes of Health Research (CIHR)
- Co-PI: Gregg, Anthony
- Amount: 858
### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

**Gregg, Anthony**

**Perinatal Research Society Meeting** - (18110-FA03)

<table>
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<th>National Institute of Child Health &amp; Human Development (NICHD)/NIH</th>
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11,000

**Interdisciplinary Conference on Pregnancy and the Health of Women and Children Fall 2010 Research Retreat** - (18110-KA03)

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<th>Sponsor:</th>
<th>March of Dimes, SC Chapter</th>
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<td>Co-PI:</td>
<td>Liu, Jihong Mann, Joshua</td>
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500

**Spiryda, Lisa**

**2010 Carolina Women’s Health Research Forum** - (18110-KA04)

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<td>Burgis, Judith</td>
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500

**Unit Total:** 1,195,010

**Ophthalmology**

**Cheeseman, Edward**

**Palmetto Health Affiliation** - (18150-K401)

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409,650

**Palmetto Health Affiliation (Educ. Trust)** - (18150-K402)

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99,535

**Davis, Richard**

**Clinical and Translational Research to Improve the Predictability, Efficacy, Stability, and Safety of EX Epi-Lasik** - (18150-JA02)

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**Unit Total:** 484,185
Orthopaedic Surgery
Walsh, John

*Palmetto Health Affiliation* - (18160-K401) 566,502

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

*Palmetto Health Affiliation (Educ. Trust)* - (18160-K402) 120,339

**Sponsor:** Palmetto Health Alliance

**Co-PI:**

**Unit Total:** 686,841

Pathology & Microbiology
Ai, Walden

*Structural Studies and Functional Regulation of KLF4* - (18060-FA39) 129,546

**Sponsor:** National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

**Co-PI:**

Creek, Kim

*Coordinating Center of Excellence in Social Promotion of Health Equity Research - Research Core* - (11110-FA40) 58,361

**Sponsor:** National Center on Minority Health and Health Disparities (NCMHHDD/NIH

**Co-PI:**

*Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 1* - (11110-FA41) 276,883

**Sponsor:** National Center on Minority Health and Health Disparities (NCMHHDD/NIH

**Co-PI:**

Fox, Alvin

*Science Education and Research Outreach Project of the University of South Carolina School of Medicine* - (18060-KJ00) 1,000

**Sponsor:** Sloan Foundation/National Action Council for Minorities in Engineering, Inc. (NACME)

**Co-PI:**

Fox, Karen

*QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing* - (18060-FA52) 159,149

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

**Co-PI:**
<table>
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<td>Haqqi, Tariq</td>
<td>Mechanisms of Chondroprotection by Pomegranate Fruit Extract - (18060-FA41)</td>
<td>National Center for Complementary &amp; Alternative Medicine (NCCAN)/NIH</td>
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<td>Chondroprotective Activity of Pomegranate Extract - (18060-FA46)</td>
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<td>Nagarkatti, Prakash</td>
<td>Effect of TCDD-Induced Apoptosis on T Cells - (18060-FA17)</td>
<td>National Institute of Environmental Health Sciences (NIEHS)/NIH</td>
<td>Nagarkatti, Mitzi</td>
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<td>Supplement to Promote Diversity in Health-Related Research (Michael Rouse)</td>
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<td>Estrogen-T cell Interactions - (18060-FA51)</td>
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<td>Nyland, Jennifer</td>
<td><em>Mercury Exposure and the Innate Immune Response in Autoimmune Heart Disease</em></td>
<td>National Institute of Environmental Health Sciences (NIEHS)/NIH</td>
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<td>Pirisi-Creek, Lucia</td>
<td><em>Papillomavirus Conferences 2007-12</em></td>
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<td><em>INBRE (Year 5)- Administrative Core and Outreach Core</em></td>
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<td><em>SC IDeA Network of Biomedical Research Excellence: Administrative Supplement for Students and Science Educators under Recovery Act (ARRA)</em></td>
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<td>Role of Proteinase in Spinal Cord Injury - (18060-FA38)</td>
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<td>Extra-nigral Neurodegeneration in Experimental Parkinson's Disease (Subcontact) - (18060-FA49)</td>
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<td>Inflammation and Degeneration of Optic Nerve in EAE (Subcontract) - (18060-FA50)</td>
<td>Medical University of SC/NIH</td>
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<td>Rieder, Sadiye</td>
<td>Effects of Resveratrol on Staphylococcal Enterotoxin B Induced Vascular Leak - (18060-FA45)</td>
<td>National Institutes of Health (NIH)</td>
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<td>Pediatrics</td>
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<td>Brown, Daniel</td>
<td>GS-US-205-0127 Phase 3b Randomized, Double-Blind, Placebo-Controlled Two-Part Trial to Assess the Safety and Efficacy of Continuous Aztreonam for Inhalation Solution (AZLI) in Subjects with Cystic Fibrosis (CF) and Chronic Burkholderia Species Infection</td>
<td>Gilead Sciences, Inc.</td>
<td>Brown, III, David</td>
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<td>Cystic Fibrosis Foundation Grant 09-10 - (18140-KA06)</td>
<td>Cystic Fibrosis Foundation</td>
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Brown, III, David

**MPEX 204: A Phase 2, Multi-center, Randomized, Double-blind, Placebo-Controlled Study to Evaluate the Safety, Tolerability and Efficacy of Three Dosage regimens of MP-376 Solution for Inhalation Given for 28 days to Stable Cystic Fibrosis Patients.**  
- (18

**Sponsor:** Mpex Pharmaceuticals  
**Co-PI:** Brown, Daniel
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<td>Ferrante</td>
<td>Richard</td>
<td>Autism Spectrum Disorder Collaborative Research Project</td>
<td>(18140-FA13)</td>
<td>Association of University Centers on Disabilities/CDC</td>
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<td>Child Health Services (CHS) Project: Evaluating Pediatric Health Disparities</td>
<td>(18140-FA15)</td>
<td>SC Developmental Disabilities Council/HHS</td>
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<td>Consortium on Postsecondary Education for Students with Intellectual Developmental Disabilities</td>
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<td>Association of University Centers on Disabilities/HHS</td>
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<td>Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant</td>
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<td>SC Department of Social Services/HHS</td>
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<td>AMERICORP Contract</td>
<td>(18140-FJ19)</td>
<td>United Way Assoc. of SC (UWASC)/Corporation for National and Community Service</td>
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<td>Training in Early Childhood Solutions</td>
<td>(18140-FJ20)</td>
<td>SC First Steps to School Readiness/USDE</td>
<td>223,188</td>
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<td>Training and Certification for Attendant Care Services</td>
<td>(18140-FL83)</td>
<td>SC Department of Health &amp; Human Services (SCDHHSS)/HHS</td>
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<td>Autism Consultation Services</td>
<td>(18140-FL86)</td>
<td>Sumter School District 17/USDE</td>
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<td>South Carolina Act Early Team</td>
<td>(18140-FL89)</td>
<td>Association of University Centers on Disabilities/HHS</td>
<td>3,000</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

South Carolina Assistive Technology Program - (18140-FL90)

- **Sponsor:** Rehabilitation Services Administration/USDE
- **Co-PI:**
- **Amount:** 503,940

South Carolina University Center for Excellence in Developmental Disabilities (UCEDD) - (18140-FL92)

- **Sponsor:** Administration on Developmental Disabilities, Administration on Children and Families, HHS
- **Co-PI:**
- **Amount:** 542,000

Training Programs and Technical Assistance for Staff - (18140-GL33)

- **Sponsor:** SC Department of Disabilities & Special Needs
- **Co-PI:**
- **Amount:** -31,015

MOU - SC Assistive Technology Advisory Committee Web Testers Program - (18140-GL34)

- **Sponsor:** Budget and Control Board, Division of State Chief Information Office and ATAC
- **Co-PI:**
- **Amount:** 15,400

Training Programs and Technical Assistance for Staff - (18140-GL35)

- **Sponsor:** SC Department of Disabilities & Special Needs
- **Co-PI:**
- **Amount:** 675,176

Jackson, Malaka

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

- **Sponsor:** University of South Florida/NIH
- **Co-PI:**
- **Amount:** 30,810

Kabi International Growth Study - (18140-JA02)

- **Sponsor:** Pharmacia Corporation
- **Co-PI:**
- **Amount:** 7,800

(MS 305) Increlex (mecasermin [rDNA origin] injection) Growth Forum Database IGFD Registry: A Patient Registry for Monitoring Long-term Safety and Efficacy of Increlex - (18140-JA17)

- **Sponsor:** Tercica, Inc.
- **Co-PI:** Jackson, Malaka
- **Amount:** 1,799
Kotchmar, George

Outpatient Pediatric AIDS Clinic Services 09-10 - (18140-FL87)  
Sponsor: SC Department of Health & Human Services/HHS  
Co-PI:  
SC DHEC Div of STD/HIV 09-10 - (18140-FL88)  
Sponsor: SC Department of Health & Environmental Control (DHEC)/HHS  
Co-PI:  
SC DHEC Div of STD/HIV 10-11 - (18140-FL91)  
Sponsor: SC Department of Health & Environmental Control (DHEC)/HHS  
Co-PI:  
Neuberg, Ronnie  
National Childhood Cancer Foundation - (18140-FA12)  
Sponsor: National Childhood Cancer Foundation/COG/NIH  
Co-PI:  
A Compassionate Use Open-Label Study of Anti IL-5 (Mepolizumab) Treatment in Subjects with Hypereosinophilic Syndrome MHE104317 - (18140-JA18)  
Sponsor: GlaxoSmithKline  
Co-PI:  
Rosa, Olga  
DHHS/SCCAMRS Administrative contract 2009/10 - (18140-FL84)  
Sponsor: SC Department of Health & Human Services (SCDHHS)/HHS  
Co-PI:
Schwartz, I. David

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)

   **Sponsor:** Tercica, Inc.
   **Co-PI:**

   **Unit Total:** 10,080

---

The Genetics and Neuroendocrinology of Short Stature International Study - (18140-JA13)

   **Sponsor:** Eli Lilly & Company
   **Co-PI:**

   **Unit Total:** 5,990

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Norditropin National Registry Agreement - (18140-JA14)

   **Sponsor:** Covance Periapproval Services, Inc.
   **Co-PI:** Jackson, Malaka

   **Unit Total:** 2,325

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Taylor, R. Caughman

Developmental Evaluation Center Services 09-10 - (18140-FL85)

   **Sponsor:** SC Department of Health & Human Service/HHS
   **Co-PI:**

   **Unit Total:** 1,984,000

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Palmetto Health Affiliation - (18140-K401)

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

   **Unit Total:** 720,207

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

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

   **Unit Total:** 97,380

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Wolf, Sharon

Living Well in Fairfield - (18140-KL03)

   **Sponsor:** Blue Cross Blue Shield South Carolina Foundation
   **Co-PI:**

   **Unit Total:** -112,839

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**Unit Total:** 5,892,706
Pharmacology, Physiology & Neuroscience

Buggy, James

Traineeships for Nurse Anesthetists - (18080-FJ17)  
**Sponsor:** Health Resources & Services Administration (HRSA)/HHS  
**Co-PI:** Buggy, James  
14,333

Advanced Education Nursing Traineeship Program FY2010 - (18080-FJ18)  
**Sponsor:** Health Resources & Services Administration (HRSA)/HHS  
Co-PI:
12,725

Fadel, Jim

Aging, Acetylcholine and the Hypothalamus - (18080-FA18)  
**Sponsor:** National Institute on Aging (NIA)/NIH  
**Co-PI:** Wilson, Steven, Wilson, Marlene, Reagan, Lawrence  
289,547

Fisher, Janet

Effect of GABAA Receptor Subunit Composition on Effectiveness of Anti-Convulsants - (18080-JA09)  
**Sponsor:** Neuro Therapeutics Pharma, Inc.  
Co-PI:
6,850

Effects of Potential Anti-Convulsant Compounds on Recombinant GABAA Receptor Function - (18080-JA12)  
**Sponsor:** Neuro Therapeutics Pharma, Inc.  
Co-PI:
17,984
Sponsored Awards Management (SAM)
Individual Awards - FY2010

McDonald, Alexander
Stress Allostasis: CRF, Serotonin and the BNST - ( 18080-FA07 )
Sponsor: Emory University/NIH
Co-PI:
23,648

Functional Neuroanatomy of the Basolateral Amygdala - ( 18080-FA09 )
Sponsor: Emory University/NIH
Co-PI:
26,013

Synaptic Organization of the Basolateral Amygdala - ( 18080-FA09 )
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH
Co-PI: Mott, David Augustine, James
-100,399

Synaptic Organization of the Basolateral Amygdala (2008 resubmission) - ( 18080-FA23 )
Sponsor: National Institute on Drug Abuse (NIDA)/NIH
Co-PI:
736,204

Mott, David
Subunit Dependent Properties of Kainate Receptors - ( 18080-FA22 )
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH
Co-PI: Fisher, Janet
304,604

Effect of Select Nicotinic Receptor Agonists on Thalamic Input to Prefrontal Cortex - ( 18080-JA10 )
Sponsor: AstraZeneca Pharmaceuticals LP
Co-PI:
151,960

Reagan, Lawrence
Insulin and CNS Control of Body Weight - ( 18080-FA14 )
Sponsor: University of Cincinnati/NIH
Co-PI:
48,837

Hippocampal Plasticity in Co-morbid Diabetes and Depression - ( 18080-FA21 )
Sponsor: National Institute of Mental Health (NIMH)/NIH
Co-PI: Mott, David
177,500

Effect of Agomelatine Treatment to Reverse Stress Mediated Alterations in Glutamate and GABA Efflux Release in the Central Nucleus and Basolateral Nucleus of the Amygdala after Repeated Restraint Stress by in vivo Microdialysis - ( 18080-JA11 )
Sponsor: Institut de Recherches Internationales Servier (I.R.I.S)
Co-PI: Fadel, Jim
220,000
Sweitzer, Sarah
Developmental Regulation of Endothelin Pain - (18080-FA15)  
*Sponsor:* National Institute on Drug Abuse (NIDA)/NIH  
*Co-PI:*

Development of Protein Kinase C Inhibitors as Novel Analgesics - (18080-JA04)  
*Sponsor:* KAI Pharmaceuticals, Inc.  
*Co-PI:*

Wilson, Marlene
Amygdalar Neuropeptides and Anxiety - (18080-FA19)  
*Sponsor:* National Institutes of Mental Health (NIMH/NIH)  
*Co-PI:* Wilson, Steven    McDonald, Alexander    Fadel, Jim

Wilson, Steven
Role of ASIC3 in the Etiology of Fibromyalgia - (18080-FA11)  
*Sponsor:* University of Iowa/NIH  
*Co-PI:*

Gene Transfer into Selected Brain Neurons in Vivo - (18080-FA20)  
*Sponsor:* Medical University of South Carolina/NIH  
*Co-PI:*

Unit Total: 2,624,483

Research & Special Projects
Howe, Duncan
John T. Stevens Foundation Scholarship - Lora Elizabeth Greene - (18360-KJ05)  
*Sponsor:* John T. Stevens Foundation  
*Co-PI:*

John T. Stevens Foundation Scholarship - Emily A. Herman - (18360-KJ07)  
*Sponsor:* John T. Stevens Foundation  
*Co-PI:*

Fullerton Home Care Chronic Disease Prevention Program for Certified Nursing Assistants: Building on Success - (18360-KL13)  
*Sponsor:* Duke University/Fullerton Foundation  
*Co-PI:*

Unit Total: 29,000
## Sponsored Awards Management (SAM)
### Individual Awards - FY2010

### Surgery
- **Bell, Richard McMurtry**
  - *Palmetto Health Affiliation* - ( 18200-K401 )
    - **Sponsor:** Palmetto Health Alliance
    - **Co-PI:**
    - 932,633

- **Palmetto Health Affiliation (Educ. Trust)** - ( 18200-K402 )
  - **Sponsor:** Palmetto Health Alliance
  - **Co-PI:**
  - 125,556

- **Yost, Michael**
  - *The Role of Fluid Flow in Valvulogenesis* - ( 18200-FA05 )
    - **Sponsor:** National Heart, Lung & Blood Institute (NHLBI)/NIH
    - **Co-PI:**
    - 34,916

  - *Cooperative agreement with Viscofan Bioengineering - The Development of 3D Tissue Models for Toxicity Testing* - ( 18200-JA09 )
    - **Sponsor:** Naturin Viscofan GmbH
    - **Co-PI:** Goodwin, Richard    Potts, Jay
    - 141,492

- **Skeletal Muscle Derived Stem Cells** - ( 18200-LA00 )
  - **Sponsor:** New York University
  - **Co-PI:**
  - 120,000

### Nursing, College of

#### Nursing
- **Burgess, Stephanie**
  - *Expanded Primary Care Services to an Urban Area - Competing Renewal* - ( 11200-FJ19 )
    - **Sponsor:** Health Resources & Services Administration (HRSA)/HHS
    - **Co-PI:**
    - 30,785

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| Unit Total: | 1,354,597 |
| Division Total: | 41,442,548 |

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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Fuller, Sara
Expanded Primary Care Services to an Urban Area - (11200-FJ11)  
Sponsor: Health Resources & Services Administration (HRSA)/HHS  
Co-PI:  
-140,602

Expanded Primary Care Services to an Urban Area - Noncompeting Continuation - (11200-FJ17)  
Sponsor: Health Resources & Services Administration (HRSA)/HHS  
Co-PI:  
335,517

Heiney, Sue
Teleconference Group: Breast Cancer in African Americans (STORY) - (11200-FA11)  
Sponsor: National Cancer Institute (NCI)/NIH  
Co-PI:  
24,036

Administrative Supplement: Teleconference Group: Breast Cancer in African Americans - (11200-FA12)  
Sponsor: National Cancer Institute (NCI)/NIH  
Co-PI:  
139,059

Hewlett, Peggy
Advanced Education Nursing Traineeship Program FY2010 - (11200-FJ18)  
Sponsor: Health Resources & Services Administration (HRSA)/HHS  
Co-PI: Buggy, James  
38,174

SC Office for Healthcare Workforce Analysis and Planning - (11200-KL02)  
Sponsor: Medical University of South Carolina (MUSC)/Duke Endowment  
Co-PI:  
171,852

Messias, DeAnne
The Hispanic Health Research Network: Enhancing Practice-Based Research Capacity in South Carolina - (11200-FA10)  
Sponsor: National Cancer Institute (NCI)/NIH  
Co-PI:  
46,459

Unit Total: 645,280
Division Total: 645,280
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Pharmacy, SC College of

Clinical Pharmacy and Outcome Sciences

Bookstaver, Brandon

Disease Detection and Prevalence Estimation through Informative Group Testing - (11150-FA03)

Sponsor: University of Nebraska - Lincoln/NIH
Co-PI:

Evaluation of Compatibility and Stability of Daptomycin in an Antibiotic-anticoagulant Lock Solution - (11150-JA10)

Sponsor: Cubist Pharmaceuticals
Co-PI: Sutton, Scott

Dickson, W.

Antibiotic Prescribing in South Carolina - (11150-FA05)

Sponsor: SC Department of Health & Environmental Control (DHEC)/CDC/HHS
Co-PI:

Stafkey-Mailey, Dana

Multi-state Medicaid Analysis: Comparative Economic Efficiency of Atypical Antipsychotics at Clinically Efficacious Doses - (11150-JA11)

Sponsor: University of Texas at Austin/Pfizer Inc.
Co-PI:

A Study of Central Line Associated Bloodstream Infections in US Hospitals - (11150-KA01)

Sponsor: Health Sciences South Carolina (HSSC)
Co-PI: Dickson, W.

Sutton, Scott

Assessing Prostate Cancer Risk Factors:
A Veterans Administration Analysis - (11150-JA12)

Sponsor: Veterans Affairs Administration Dorn Research Institute GlaxoSmithKline/Xcenda
Co-PI:

Unit Total: 101,225
**Sponsored Awards Management (SAM)**

**Individual Awards - FY2010**

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**Palmetto Poison Center**

Michels, Jill

- **South Carolina Poison Center Support and Enhancement Project - (11140-FL10)**
  - **Sponsor:** Health Resources & Services Administration (HRSA)/HHS
  - **Co-PI:**
  - **Amount:** $349,859

- **SC DHEC Bioterrorism Project - (11140-FL11)**
  - **Sponsor:** SC Department of Health & Environmental Control (DHEC)/HHS
  - **Co-PI:**
  - **Amount:** $180,000

- **SC DHEC Environmental Public Health Tracking Project - (11140-FL12)**
  - **Sponsor:** SC Department of Health & Environmental Control (DHEC)/CDC
  - **Co-PI:**
  - **Amount:** $20,000

- **Palmetto Health Public Education Collaboration - (11140-KL00)**
  - **Sponsor:** Palmetto Health Alliance Office of Community Services
  - **Co-PI:** DeRienzo, Christina
  - **Amount:** $50,000

- **Surveillance of the RADARS System by Poison Control Centers - (11140-LA00)**
  - **Sponsor:** Denver Health and Hospital Authority
  - **Co-PI:**
  - **Amount:** $30,625

**Unit Total:** $630,484

---

**Pharmaceutical and Biomedical Sciences**

Berger, Sondra

- **Nucleotide Stress Response for Cancer Drug Discovery - (11110-FA37)**
  - **Sponsor:** Medical University of South Carolina (MUSC)/NIH
  - **Co-PI:**
  - **Amount:** $24,500

DiPiro, Joseph

- **Medical Education/Medicaid Enhanced Teaching - (22000-FL03)**
  - **Sponsor:** Greenville Hospital System/HHS
  - **Co-PI:**
  - **Amount:** $500,000

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Hofseth, Lorne

**Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 2** - (11110-FA28)

- **Sponsor:** National Center for Complementary & Alternative Medicine (NCCAM)/NIH
- **Co-PI:** Nagarkatti, Prakash Matesic, Lydia

- **Sponsored Award:** Sphingosine Kinase as a Target for Cancer Chemoprevention - (11110-FA30)
- **Sponsor:** National Cancer Institute (NCI)/NIH
- **Co-PI:**

- **Sponsored Award:** Colon Cancer Chemoprevention by Dietary Resveratrol - (11110-FA35)
- **Sponsor:** National Cancer Institute (NCI)/NIH
- **Co-PI:**

Mcinnes, Campbell

**Cell Cycle Specific CDK Inhibitors as Potential Anti-tumor Therapeutics through Replace** - (11110-FA31)

- **Sponsor:** National Cancer Institute (NCI)/NIH
- **Co-PI:** Smith, Charles Pittman, Douglas

- **Sponsored Award:** Selective Plk1 Anti-Tumor Therapeutics Through Polo Box Domain Inhibition - (11110-FA38)
- **Sponsor:** Medical University of South Carolina (MUSC)/NIH
- **Co-PI:** Wyatt, Michael

Petkov, Georgi

**BK Channel Function and Regulation in Urinary Bladder Smooth Muscle** - (11110-FA36)

- **Sponsor:** National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
- **Co-PI:**

- **Sponsored Award:** Identification and Characterization of Potassium Ion Channels as New Therapeutic Targets to Control Overactive Bladder - (11110-GA01)
- **Sponsor:** MUSC - South Carolina Clinical and Translational Research Institute (SCTR)
- **Co-PI:**

Wyatt, Michael

**Folate Status, Genomic Uracil, and the Balance of Base Excision Repair Activity** - (11110-FA39)

- **Sponsor:** National Cancer Institute (NCI)/NIH
- **Co-PI:**

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**Unit Total:** 1,779,911
## Sponsored Awards Management (SAM)
### Individual Awards - FY2010

### Pharmacy - (Dean)
- **DiPiro, Joseph**
  - Editorship of the *American Journal of Pharmaceutical Education* - (11100-KL01) 112,736
  - **Sponsor:** American Association of Colleges of Pharmacy
  - **Co-PI:**

### Geriatric Education Center - (11150-FJ02)
- **McGee, Karen**
  - **Sponsor:** Health Resources & Services Administration (HRSA)/HHS
  - **Co-PI:**

### PHR Clinical Pharmacy Service Agreement - (11150-LL03)
- **Rowen, Randall**
  - **Sponsor:** Palmetto Health Richland
  - **Co-PI:** Voris, John

### Provost, Office of the

### Literary Arts Touring Application - (61000-FJ00)
- **Spearen, Charlene**
  - **Sponsor:** Southern Arts Federation/NEA
  - **Co-PI:**

### The Big Read Grant - (61000-FL00)
- **Sponsor:** Arts Midwest/NEA
  - **Co-PI:**

### Palmetto Children’s Festival - (61000-FL01)
- **Sponsor:** SC Humanities Council/NEH
  - **Co-PI:**

### Memory to Memoirs Project - (61000-KJ00)
- **Sponsor:** Columbia Jewish Federation
  - **Co-PI:**

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\[
\text{Unit Total:} \quad 254,216
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\text{Division Total:} \quad 2,765,836
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## Sponsored Awards Management (SAM)
### Individual Awards - FY2010

#### TRIO Programs

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**Unit Total:** 2,649,360  
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### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<td>Fore, Margaret</td>
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<td>Evaluation of Systems Transformation - (11580-FA37)</td>
<td>SC Lieutenant Governor's Office on Aging/HHS</td>
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<td>Evaluation of the PRTF Waiver Implementation - (11580-FA38)</td>
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<td>Evaluation of the Community Living Program: Supporting Independence and Choice in the Community - (11580-FA42)</td>
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<td>Effectiveness of an Educational Program to Promote Healthy Child Development and Early Identification and Treatment of Developmental Delays - (11580-KA06)</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Gillam, Pamela
SCDHHS Medicaid Eligibility Quality Improvement 2009-2010 Contract - (11580-FA36) $152,089
Sponsor: SC Department of Health & Human Services/HHS
Co-PI:

FY2011 USC/DHHS MEQA Review - (11580-FA47) $659,739
Sponsor: SC Department of Health & Human Services/HHS
Co-PI:

USC DHEC Multistate Learning Collaborative-3 contract - (11580-KL04) $2,380
Sponsor: SC Department of Health & Environmental Control (DHEC)/RWJF
Co-PI:

Leith, Katherine
Evaluation of the State Incentive Grants for Treatment of Persons with Co-Occurring Substance Related and Mental Disorders - Year 4 Continuation - (11580-FA40) $98,830
Sponsor: SC Department of Mental Health/SAMHSA
Co-PI: Kenison, Kelli

AoA Supplement to Empowering Older People to Take More Control of Their Health Through Evidence-Based Prevention Programs - (11580-FA41) $20,682
Sponsor: SC Lieutenant Governor's Office on Aging/HHS
Co-PI:

American Recovery and Reinvestment Act - Communities Putting Prevention to Work: Chronic Disease Self-Management Program - (11580-FL18) $22,000
Sponsor: SC Lieutenant Governor's Office on Aging/Admin on Aging/HHS
Co-PI:

Murday, David
Evaluation of the South Carolina Medicaid Family Planning Waiver FY 2010 - (11580-FA39) $5,303
Sponsor: SC Department of Health & Human Services/HHS
Co-PI:

Statewide Database for Spinal Cord Injury - (11580-GL03) $11,175
Sponsor: Spinal Cord Injury Research Fund/MUSC
Co-PI:

Unit Total: $1,219,785

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Communication Sciences & Disorders
Bonilha, Heather

Administrative Supplement: Throat Clearing, Coughing, and Alternative Behaviors - (11560-FQ00 )

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

Deliyski, Dimitar

Efficacy of Laryngeal High-Speed Videoendoscopy - (11560-FA04)

Sponsor: National Institute of Deafness & Other Communication Disorders (NIDCD)/NIH
Co-PI: Petrushev, Pencho Martin-Harris, Bonnie
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<td>Project Speech-Language Pathologist Recruitment and Retention in Schools (SLP-RRS) Cohort B Year 4 - (11560-FJ15)</td>
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<td>Project Speech-Language Pathologist Recruitment and Retention Cohort C Year 3 - (11560-FJ16)</td>
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<td>Speech Language Pathologist in Schools Recruitment and Retention Cohort D Year 2 - (11560-FJ17)</td>
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<td>Project Speech-Language Pathology Recruitment and Retention Cohort C (Year 4) - (11560-FJ21)</td>
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<td>66,202</td>
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Fridriksson, Julius  

**Neural Predictors of Anomia Recovery in Aphasia** - (11560-FA05)  

**Sponsor:** National Institute on Deafness & Other Communication Disorders (NIDCD)/NIH  
**Co-PI:** Baylis, Gordon    Rorden, Christopher    Bonilha, Leonardo  

316,590

**A Unified Neuroanatomical Model of Speech Production and Perception: Implications for Apraxia of Speech and Conduction Aphasia** - (11560-FA08)  

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

303,907

**Administrative Supplement: Neural Predictors of Anomia Recovery in Aphasia** - (11560-FA09)  

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

152,202

**Administrative Supplement: A Unified Neuroanatomical Model of Speech Production and Perception** - (11560-FA10)  

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

158,400

McDade, Hiram  

**Preparing Personnel to Fill Speech Pathology Vacancies in South Carolina: A Partnership with School Districts** - (11560-FJ04)  

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

196,920

**Preparing Personnel to Fill Speech Pathology Vacancies in South Carolina: A Mentoring and Partnership Program with School Districts** - (11560-FJ12)  

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

395,450

Rorden, Christopher  

**Dissociating Components of the Attentional Network in Neglect** - (11560-FA03)  

**Sponsor:** National Institute of Neurological Disorders & Stroke (NINDS)/NIH  
**Co-PI:** Bonilha, Leonardo    Morgan, Paul    Fridriksson, Julius    Baylis, Gordon  

-283,144

**Unit Total:** 2,278,018

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<td>Methods to Detect Maternal Exposures and Child Outcomes - (11510-FB34)</td>
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<td>Centers for Public Health Preparedness (CPHP) 0420905CONT08 - (11500-FJ27)</td>
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<td>Graduate Training in Industrial Hygiene - (11510-FJ11)</td>
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<td>The Influence of Gender on Molecular Signatures of Fibrotic Lung Disease - (11510-FB28)</td>
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<td>Mechanisms of Xenoestrogen Stress: A Proteomic and Functional Genomic Approach - (11510-FB30)</td>
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<td>Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment - (11510-FB33)</td>
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**Unit Total:** 1,298,893
Epidemiology & Biostatistics
Addy, Cheryl

Public Health Traineeship - ( 11500-FJ29 )
   Sponsor: Health Resources & Services Administration (HRSA)/HHS
   Co-PI: 
   36,588

ARRA Public Health Traineeships - ( 11500-FJ31 )
   Sponsor: Health Resources & Services Administration (HRSA)/HHS
   Co-PI: 
   75,971

Public Health Traineeship - ( 11500-FJ32 )
   Sponsor: Health Resources & Services Administration (HRSA)/HHS
   Co-PI: 
   36,558

GA: Kathryn Rawlings - ( 11500-GP01 )
   Sponsor: SC Department of Health & Environmental Control (DHEC)
   Co-PI: 
   10,560

Bortsov, Andrey
The Role of FTO-Gene in Development of Obesity and Insulin Resistance: Interaction with Diet and Physical Activity - ( 11520-KA17 )
   Sponsor: American Heart Association
   Co-PI: Liese, Angela
   10,000

Cai, Bo
Latent Structure Modeling of Small Area Health Data - ( 11520-FA94 )
   Sponsor: Medical University of South Carolina (MUSC)/NIH
   Co-PI: Liu, Jihong
   55,500

Colabianchi, Natalie
Effects of the Built Environment, Crime & Food Prices on BMI, Activity & Eating - ( 11520-FA99 )
   Sponsor: National Cancer Institute (NCI)/NIH
   Co-PI: Porter, Dwayne
   446,230
Cornman, Carol

For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development Related to Dementia - (11520-FB03)

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

Development and Implementation of a Person-Centered Hospital Discharge Planning Model - (11520-FL06)

Sponsor: SC Lt. Governor's Office on Aging/HHS
Co-PI: Lane, Marcia

Association Between Behavioral Disturbances and Nursing Home Admissions in Patients with Alzheimer's Disease - (11520-JA05)

Sponsor: Global Health Outcomes/Eli Lilly and Company
Co-PI: Lane, Marcia

Hardin, James

Literature Review and Synthesis for VA Hospital - (11580-FL17)

Sponsor: William Jennings Bryan Dorn VA
Co-PI:
Hebert, James  
**SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN) - ( 11570-FA88 )**  
*Co-PI:*  
*Sponsor:* National Center for Chronic Disease Prevention & Health Promotion/CDC/HHS  

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<td>SC Cancer Disparities Community Networks - Epigenetics and Diet in the Carcinogeneses Process - ( 22080-FA27 )</td>
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<td>South Carolina Cancer Disparities Community Network - Administrative Supplement (Expansion of the SBYWA and the Witness Project) - ( 22080-FA29 )</td>
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<td>Expanding Mentoring Capacity in High-Risk Populations - ( 22080-FA31 )</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Hussey, James
Service Agreement Between Sheri Few of South Carolina Parents Involved in Education and Dr. James Hussey - ( 11520-FL05 )
   Sponsor: SC Parents Involved in Education/SCDHEC/HRSA
   Co-PI:
   GA: Sarah Lashley - ( 11520-GP54 )
   Sponsor: SC Department of Health & Environmental Control (DHEC)
   Co-PI:

Karmaus, Wilfried
Epidemiology of Asthma: Risk & Prognosis in a Cohort from Birth to Adolescence - ( 11520-FA80 )
   Sponsor: St. Mary's Hospital/NIH
   Co-PI:
   Organochlorine Exposure and Gene Expression of Sex Steroids in a Multigenerational Cohort of Michigan Fish Eaters - ( 11520-FA82 )
   Sponsor: Michigan State University/ATSDR/CDC
   Co-PI:
   Multiple Modes of Infant Feeding and Trajectories Influencing Infant Health - ( 11520-FB00 )
   Sponsor: Health Resources & Services Administration (HRSA)/HHS
   Co-PI: Zhang, Hongmei
   GA: Tanishah Nellom - ( 11520-GP52 )
   Sponsor: SC Department of Health & Environmental Control (DHEC)
   Co-PI:
   GA: Jennifer Gander - ( 11520-GP53 )
   Sponsor: SC Department of Health & Environmental Control (DHEC)
   Co-PI:
   GA: Kelly Johnson - ( 11520-GP56 )
   Sponsor: SC Department of Health & Environmental Control (DHEC)
   Co-PI:
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<td><strong>Developing Measures of the Built Nutrition Environment - (11590-FA26)</strong></td>
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<td><strong>Developing Measures of the Built Nutritional Environment - Supplement for adding individual-level to the study. - (11590-FA30)</strong></td>
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| **Liu, Jihong** | 
|-----------------|------------------|
| **The Influences of Immigrant Status and Acculturation on Obesity among US Mexican American Children and Adolescents - (11520-FB01)** | 95,490 |
| **Sponsor:** Health Resources & Services Administration (HRSA)/HHS |  |
| **Co-PI:** Frongillo, Edward Probst, Janice |  |
### Sponsored Awards Management (SAM)

#### Individual Awards - FY2010

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<td>McKeown, Robert</td>
<td>Longitudinal Follow-up of Youth with ADHD Identified in Community Settings</td>
<td>Centers for Disease Control (CDC)/HHS</td>
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<td>Contract between SCDHEC and USC, ASPH - Eric Brenner</td>
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<td>Effectiveness of an Educational Program to Promote Healthy Child Development and Early Identification and Treatment of Developmental Delays (PRIDE Program)</td>
<td>Greenville Hospital System/Duke Endowment</td>
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<td>Merchant, Anwar</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Pastides, Harris
Institute for Change - (60100-KA00)

Sponsor: Carnegie Corporation of New York
Co-PI: Mousseau, Timothy  Bierbauer, Charles

The South East Alliance for Graduate Education and the Professoriate (SEAGEP) - (61000-FA01)

Sponsor: University of Florida/NSF
Co-PI: Amiridis, Michael

Puett, Robin
Particulate Exposure and Cardiovascular Disease in the HPFS - (11520-FA87)

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

Air Pollution and Cognitive Aging in Older Women
- (11520-FA97)

Sponsor: Rush University Medical Center/NIH
Co-PI:

Diet, Physical Activity and the Relationship Between Air Pollution and CVD
1R01ES017017-01A1 - (22080-FA28)

Sponsor: The Brigham & Women’s Hospital, Inc./NIH
Co-PI:

Svendsen, Erik
Contract Between SCDHEC and USC to Provide Services of an Environmental Epidemiologist - (11520-FA88)

Sponsor: SC Department of Health & Environmental Control (DHEC)/HHS
Co-PI:

Environmental Determinants of Pulmonary Disease: A New Approach to an Old Problem - (11520-FA95)

Sponsor: National Center for Environmental Health/CDC
Co-PI:
Sponsored Awards Management (SAM)
Individually Awards - FY2010

Torres, Myriam
PS07-003 Minority HIV/AIDS Research Initiative (MARI) - ( 11500-FA10 )
  Sponsor: National Center for HIV, Viral Hepatitis, STDS and TB Prevention/CDC
  Co-PI: Richter, Donna    Meetze, Edena    Lindley, Lisa    Messias, DeAnne
  188,549

Juntas Podemos (Together We Can): Empowering Latinas to Shape Policy to Prevent
Childhood Obesity - ( 11500-KA05 )
  Sponsor: Robert Wood Johnson Foundation (RWJF)
  Co-PI: Smithwick-Leone, Julie
  50,011

Zhang, Hongmei
The Influence of Gender on Molecular Signatures of Fibrotic Lung Disease - ( 11520-
FA85 )
  Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
  Co-PI: Karmaus, Wilfried
  45,759

Zhang, Jiajia
Development and Evaluation of Accelerated Hazards Mixture Cure Model - ( 11520-
FA93 )
  Sponsor: National Cancer Institute (NCI)/NIH
  Co-PI:
  72,576

Sample Size Method and Software Development in Survival Trial with a Cure Rate - ( 11520-
FB02 )
  Sponsor: National Cancer Institute (NCI)/NIH
  Co-PI: Steck, Susan
  84,601

  Unit Total: 6,408,321

Exercise Science
Baynes, John
Glycation of Protein in Diabetes - ( 11530-FA44 )
  Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
  Co-PI: Carson, James    Ferguson, P.
  361,836
Blair, Steven

**Physical Activity and Childhood Obesity (sub-contract)** - (11530-FA46)  
**Sponsor:** University of Bristol/NIH  
**Co-PI:** Pate, Russ  
42,962

**The LIFE Study** - (11530-FA62)  
**Sponsor:** LSU - Pennington Biomedical Research Center/Univ of FL/NIH  
29,008

**Additional Analyses in the Aerobics Center Longitudinal Study** - (11530-JA04)  
**Sponsor:** The Coca-Cola Company  
6,215

**Planning and Pilot Study on Energy Balance** - (11530-JA05)  
**Sponsor:** The Coca-Cola Company  
139,800

**Travel Support for the 3rd International Congress on Physical Activity and Public Health** - (11530-JJ00)  
**Sponsor:** The Coca-Cola Company  
11,500

**COEE-MATCH: Healthful Lifestyles** - (22000-LA07)  
**Sponsor:** Health Sciences South Carolina (HSSC)  
450,000

Carson, James

**Cachexia in ApcMin/+ mice: The Role of IL-6** - (11530-FA49)  
**Sponsor:** National Institutes of Health (NIH)  
**Co-PI:** Baynes, John, Berger, Franklin, Davis, J. Mark  
270,375

Davis, J. Mark

**Fort Jackson Identifying Health Barriers Project/Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD) - Phase 2** - (11530-FA60)  
**Sponsor:** US Army Medical Research and Materiel Command/DOD  
**Co-PI:**  
462,279

**Oncology Rehabilitation Program Coordinator** - (11530-LA00)  
**Sponsor:** Greenville Hospital Systems  
**Co-PI:**  
157,901
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Durstine, J. Larry
GA: Thomas Ryan Cheek - (11530-JP13)
Sponsor: Michelin North America
Co-PI:

GA: Sara Swanton - (11530-JP14)
Sponsor: Blue Cross Blue Shield of South Carolina
Co-PI:

Fayad, Raja
The Role of Adipokines in Inflammatory Bowel Disease (transfer from University of Chicago) - (11530-KA40)
Sponsor: Crohn's and Colitis Foundation of America
Co-PI:

Center for Colon Cancer Research - Start Up - Dr. Fayad - (13130-FA38)
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:

Fritz, Stacy
Examining Parameters of Constraint-Induced Therapy - (11530-FA31)
Sponsor: University of Florida/NIH
Co-PI: Baylis, Gordon

Hand, Gregory
EXPORT Center to Eliminate Health Disparities - Year 4 - (11530-FA52)
Sponsor: National Center for Minority Health and Health Disparities (NCMHD)/NIH
Co-PI:

EXPORT Center for Partnership to Eliminate Health Disparities - Year 5 - (11530-FA59)
Sponsor: National Center on Minority Health & Health Disparities (NCMHD)/NIH
Co-PI:
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<td>McClenaghan, Bruce</td>
<td>Graduate Assistant Support for PROAXIS Therapy, Greenville, SC - (11530-JA06)</td>
<td>PROAXIS Physical Therapy</td>
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<td>Contract to provide Physical Therapy Clinical Services in the Geriatric Mobility Clinic at Palmetto Health Richland - (11530-LL00)</td>
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<td>Murphy, Elizabeth</td>
<td>Curcumin and Quercetin in Colon Cancer: Role of Macrophage-Induced Inflammation - (11530-FA56)</td>
<td>National Cancer Institute (NCI)/NIH</td>
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<td>Davis, J. Mark Carson, James Pena, Maria Berger, Franklin</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Pate, Russ
2008-2010 Public Health Practice Postgraduate Program - (11500-FL23)
Sponsor: SC Department of Health & Environmental Control (DHEC)/CDC/HHS
Co-PI:

Troop Recruit Improvement (TRIM) - Coordinating Center - (11530-FA45)
Sponsor: SC Research Authority (SCRA)/DOD
Co-PI: Blair, Steven Frongillo, Edward Bottai, Matteo

Multi-Component Intervention to Increase Physical Activity in Preschool Children - (11530-FA50)
Sponsor: National Institutes of Health (NIH)
Co-PI: Saunders, Ruth Brown, William Williams, Harriet

Physical Activity During the Transition from Elementary School to Middle School - (11530-FA55)
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Addy, Cheryl Colabianchi, Natalie Forthofer, Melinda

TRIM II - Pilot Study (Sub-contract with SCRA) - (11530-FA57)
Sponsor: SC Research Authority/DOD
Co-PI:

South Carolina Clinical and Translational Research Institute (CTSA sub-contract with MUSC) - (11530-FA58)
Sponsor: Medical University of South Carolina (MUSC)/NIH
Co-PI: Khushf, George Wilcox, Sara Eleazer, Paul Murday, David

Health Promotion and Disease Prevention Research Centers (Center Proposal) - (11570-FA87)
Sponsor: National Center for Chronic Disease Prevention & Health Promotion/CDC/HHS
Co-PI:

Steiner, Jennifer
Detraining and Mitochondria: Benefits of Quercetin - (11530-KA39)
Sponsor: American College of Sports Medicine
Co-PI:
sui, xuemei
Understanding Patterns of Change in Obesity and Physical Activity in Adults - ( 11530-FA63 )
Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
Co-PI: Blair, Steven   Hardin, James

Wilcox, Sara
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches - ( 11530-FA29 )
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Saunders, Ruth   Addy, Cheryl
Supplement to: A Partnership to Promote PA & Healthy Eating in AME Churches 1 R01 HL083858-01 (T. Warren) - ( 11530-FA48 )
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI:

SIP 09-027: Healthy Aging Research Network Collaborating Center (Health Promotion and Disease Prevention Research Center Proposal Cat. 1) - ( 11570-FA85 )
Sponsor: National Center for Chronic Disease Prevention & Health Promotion/CDC/HHS
Co-PI: Leith, Katherine   Friedman, Daniela   Hooker, Steven

SIP 09-028: Evaluation of a Self-directed, Packaged Physical Activity Program for Adults with Arthritis (Health Promotion and Disease Prevention Research Centers: Center Proposal Cat. 1) - ( 11570-FA86 )
Sponsor: National Center for Chronic Disease Prevention & Health Promotion/CDC/HHS
Co-PI: Sharpe, Patricia   McCloughan, Bruce   Leith, Katherine   Moran, Robert

Youngstedt, Shawn
Fort Jackson Identifying Health Barriers Project/Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD) - Phase 2 - ( 11530-FA61 )
Sponsor: US Army Medical Research and Materiel Command/DOD
Co-PI:

Unit Total: 5,514,085
Health Promotion, Education & Behavior

Blake, Christine

Junior Doctors of Health: Comprehensive Obesity Prevention - (11590-KA05) 17,396
  
  Sponsor: MUSC/Duke Endowment
  Co-PI:

Junior Doctors of Health: Comprehensive Obesity Prevention - (11590-KA06) 23,228
  
  Sponsor: MUSC/Duke Endowment
  Co-PI:

Brandt, Heather

COBRE: Project 2 - (13130-FA16) -640
  
  Sponsor: National Center for Research Resources (NCRR)/NIH
  Co-PI:

Center for Colon Cancer Research (Project 3) - (13130-FA30) 10,000
  
  Sponsor: National Center for Research Resources (NCRR)/NIH
  Co-PI:

Community Navigation for Colorectal Cancer Prevention and Control - (18300-KA32) 199,997
  
  Sponsor: The Duke Endowment
  Co-PI: Adams, Swann Annang, Lucy Swan, Suzanne
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Cassady, Ann
GA: Elizabeth Cashen - (11540-GP23)
  Sponsor: SC Department of Health & Environmental Control (DHEC)
  Co-PI: Watkins, Ken
  Amount: 1,552

GA: Lauren Workman - (11540-GP24)
  Sponsor: SC Department of Health & Environmental Control (DHEC)
  Co-PI: Watkins, Ken
  Amount: 13,600

GA: Kyle Craig - (11540-HP20)
  Sponsor: Lexington County Recreation & Aging Commission
  Co-PI: Watkins, Ken
  Amount: 2,200

GA: Natalie Pennywell - (11540-HP21)
  Sponsor: Richland County School District 1
  Co-PI: Watkins, Ken
  Amount: 3,100

GA: Kyle Craig - (11540-HP22)
  Sponsor: Lexington County Recreation & Aging Commission
  Co-PI: Watkins, Ken
  Amount: 2,200

GA: Kristopher Corwin - (11540-JP32)
  Sponsor: BCBS SC Clinical Quality
  Co-PI: Watkins, Ken
  Amount: 3,221

GA: Denika Hiter - (11540-JP33)
  Sponsor: BCBS SC Clinical Quality Health Management
  Co-PI: Watkins, Ken
  Amount: 6,253

GA: Rebecca Stewart - (11540-JP34)
  Sponsor: Blue Cross Blue Shield of South Carolina
  Co-PI: Watkins, Ken
  Amount: 3,000

GA: Vanessa Congdon - (11540-JP35)
  Sponsor: Blue Cross Blue Shield of SC Clinical Quality Health Mgt
  Co-PI: Watkins, Ken
  Amount: 5,049

GA: Kristopher Corwin - (11540-JP36)
  Sponsor: Blue Cross Blue Shield of South Carolina
  Co-PI: Watkins, Ken
  Amount: 3,221

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GA: Kayce Singletary - (11540-LP46)

Sponsor: Sexual Trauma Services of the Midlands
Co-PI: Watkins, Ken

GA: Anna Schafer - (11540-LP47)

Sponsor: Blue Cross Blue Shield of South Carolina
Co-PI: Watkins, Ken

GA: Rebecca Stewart - (11550-JR01)

Sponsor: Blue Cross Blue Shield of South Carolina
Co-PI: Watkins, Ken

Fletcher, Faith


Sponsor: National Center for HIV, Viral Hepatitis, STDs and TB Prevention/CDC
Co-PI: Richter, Donna Annang, Lucy

Jones, Sonya

Fort Jackson Identifying Health Barriers Project/Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD) - Phase 2 - (11590-FA32)

Sponsor: US Army Medical Research and Materiel Command/DOD
Co-PI:

Kenison, Kelli

Sustainable Improvements in Family Planning Clinic Processes - (11580-KA07)

Sponsor: SC Department of Health & Environmental Control (DHEC)/Robert Wood Johnson Foundation (RWJF)
Co-PI: Gillam, Pamela
Richter, Donna
*Institute for HIV Prevention Leadership - ( 11500-FA11 )*  
**Sponsor:** Association of Schools of Public Health (ASPH)/CDC  
**Co-PI:**

*Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 3 - ( 11500-FA12 )*  
**Sponsor:** National Center on Minority Health and Health Disparities (NCMHHHD)/NIH  
**Co-PI:**

*The Convergence of Animal and Public Health - ( 11500-KA03 )*  
**Sponsor:** W. K. Kellogg Foundation  
**Co-PI:** Glover, Saundra

*Laying the Groundwork for a Statewide HIV/AIDS Strategy for Youth: A Planning Grant Proposal - ( 11500-KA06 )*  
**Sponsor:** The New Morning Foundation  
**Co-PI:**

*Infrastructure and Project-specific Support for the South Carolina Public Health Institute - ( 11540-KA17 )*  
**Sponsor:** The Duke Endowment  
**Co-PI:**

*Infrastructure and Project-specific Support for the South Carolina Public Health Institute (Year Two) - ( 11540-KA24 )*  
**Sponsor:** The Duke Endowment  
**Co-PI:**

*Infrastructure and Project-specific Support for the South Carolina Public Health Institute (SCPHI)- Year 3 - ( 11540-KA28 )*  
**Sponsor:** The Duke Endowment  
**Co-PI:**

*Infrastructure and Project-specific Support for the South Carolina Public Health Institute (PASOs) - Year 3 - ( 11540-KA29 )*  
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**Co-PI:**
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<td>Palmetto Health: Addendum</td>
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<td>Hispanic Folic Acid Program</td>
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<td>Exploring Current Smokers' Interest in Using Smokeless Tobacco Products</td>
<td>Health Research Inc., Roswell Park Cancer Institute/NIH</td>
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<td>Tobacco Control Policies in Low and Middle Income Countries</td>
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<td>Tobacco Packaging and Labeling Policies: Expanding the Evidence on Novel</td>
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<td>A Multilevel HIV Prevention Strategy for High Risk Youth - Administrative</td>
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Unit Total: 3,006,372
Health Services Policy and Management
Do, Diem-Phuong (Phoenix)

Casual Estimates of Neighborhood Poverty on Health and Mortality - ( 11550-FA21 )

Sponsor: National Institutes of Health (NIH)
Co-PI:
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#### Individual Awards - FY2010

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<td>Contract Between South Carolina Department of Health and Environmental Control, Bureau of Maternal and Child Health and the University of South Carolina. Contract No. MC-09-099</td>
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<td>Development of an Environmental Scan of South Carolina Healthcare Providers that use Electronic Medical Records and a State Level Health Information Exchange</td>
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<td>Healthcare System Profiles for AccessHealth: How Prepared are South Carolina Counties for Meeting the Needs of the Uninsured?</td>
<td>SC Hospital Association/Duke Endowment</td>
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Probst, Janice

**South Carolina Rural Health Research Center Cooperative Agreement** - (11550-FA18)  
- $111,407

**Sponsor:** Health Resources & Services Administration (HRSA)/HHS  
**Co-PI:** Martin, Amy   Glover, Saundra

**Rural Health Research Grant Program Cooperative Agreement** - (11550-FA20)  
- $771,407

**Sponsor:** Health Resources & Services Administration (HRSA)/HHS  
**Co-PI:** Martin, Amy   Glover, Saundra

**GA: Lana Furnish** - (11550-JP99)  
- $4,000

**Sponsor:** Blue Cross Blue Shield of SC dba Companion Global Healthcare, Inc.  
**Co-PI:**

**GA: Tonia Cable** - (11550-KP26)  
- $2,000

**Sponsor:** Eben Howard, PhD  
**Co-PI:**
Xirasagar, Sudha
GA: Neema Patel and
   Myra Wearing Cochran - ( 11550-FP16 )
   Sponsor: Dorn VA Hospital
   Co-PI:
   21,600

GA: Geoff Zar - ( 11550-JR00 )
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:
   3,000

GA: Ayshe Tanyel - ( 11550-JR02 )
   Sponsor: PHT Services, Ltd.
   Co-PI:
   1,250

GA: Atara Howard - ( 11550-JR03 )
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:
   2,000

GA: Justin Warren - ( 11550-JR04 )
   Sponsor: Columbia Cardiology
   Co-PI:
   2,500

GA: Ayshe Tanyel - ( 11550-JR05 )
   Sponsor: PHT Services, Ltd.
   Co-PI:
   2,000

GA: Atara Howard - ( 11550-JR06 )
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:
   4,250

GA: Kristopher Corwin - ( 11550-JR07 )
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:
   6,150

GA: Upasana Singh Nayak - ( 11550-JR08 )
   Sponsor: Columbia Cardiology
   Co-PI:
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

GA: Justin Warren - ( 11550-JR09 )
    Sponsor: Columbia Cardiology
    Co-PI:
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GA: Kolby Taylor - ( 11550-KP27 )
    Sponsor: SC Hospital Association
    Co-PI:
    10,000

GA: Rachel Hamby - ( 11550-KP28 )
    Sponsor: SC Campaign to Prevent Teen Pregnancy
    Co-PI:
    1,500

GA: Tyler Pruessner - ( 11550-KP29 )
    Sponsor: SC Cancer Alliance
    Co-PI:
    3,000

GA: Rachel Hamby - ( 11550-KP30 )
    Sponsor: SC Campaign to Prevent Teen Pregnancy
    Co-PI:
    1,800

GA: Sharonda Williams-Alcide - ( 11550-LR14 )
    Sponsor: Palmetto Health
    Co-PI:
    4,000

GA: Crystal Glover - ( 11550-LR15 )
    Sponsor: Palmetto Health Richland
    Co-PI:
    3,000

GA: Chris Miller - ( 11550-LR16 )
    Sponsor: Palmetto Health
    Co-PI:
    6,000

GA: Tyler Pruessner - ( 11550-LR17 )
    Sponsor: Palmetto Health IT Department
    Co-PI:
    2,500

GA: Kyle Shah - ( 11550-LR18 )
    Sponsor: Palmetto Health Childrens Hospital
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Individual Awards - FY2010

GA: Furman Lovett - (11550-LR40)  1,875
   **Sponsor:** Palmetto Health, Corporate
   **Co-PI:**

   **Unit Total:** 3,482,420

**Prevention Research Center**

Hooker, Steven

*Impact of Physical Activity on Stroke and Cognitive Function in Older Adults* - (11570-FA82)  1,182,186
   **Sponsor:** National Institute of Neurological Disorders & Stroke (NINDS)/NIH
   **Co-PI:** Blair, Steven Colabianchi, Natalie Vena, John

**Health Promotion and Disease Prevention Research Centers (Center Proposal)** - (11570-FA84)  790,000
   **Sponsor:** National Center for Chronic Disease Prevention & Health Promotion/CDC/HHS
   **Co-PI:** Sharpe, Patricia Wilcox, Sara Colabianchi, Natalie Forthofer, Melinda

**A Community Initiative to Increase Use of the Mary Black Foundation Rail Trail and Wadsworth Trail** - (11570-KA17)  11,286
   **Sponsor:** Partners for Active Living/Mary Black Foundation
   **Co-PI:**

Sharpe, Patricia

*Research Supplements to Promote Diversity in Health-Related Research (Gaynelle Magwood): Parent Grant* - Behavioral/Support Intervention for Diet and Exercise Among Underserved Women - (11570-FA83)  138,079
   **Sponsor:** National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
   **Co-PI:** Wilcox, Sara

   **Unit Total:** 2,121,551

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

Pearson, Joseph

*NNPHI Organizational Development Grant* - (11500-KJ06)  9,999
   **Sponsor:** National Network of Public Health Institutes/Robert Wood Johnson Foundation Institutes
   **Co-PI:**

**South Carolina Public Health Institute Health Policy Certificate Program** - (11500-KJ07)  55,000
   **Sponsor:** Sisters of Charity Foundation of South Carolina
   **Co-PI:**
### Sponsored Awards Management (SAM)
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<td>Excellence in Innovative Public Health Preparedness Solutions (sub-award contract with DHEC Region 7) - (11500-FL21)</td>
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Individual Awards - FY2010

Smith, Lillian
Southeast Public Health Training Center Contract - (11500-FJ28) 15,000
Sponsor: Southeast Public Health Training Center/HRSA
Co-PI:

2008-2010 Public Health Practice Postgraduate Program - (11500-FL22) 15,625
Sponsor: SC Department of Health & Environmental Control (DHEC)/CDC/HHS
Co-PI: Pate, Russ

2008-2010 Public Health Practice Postgraduate Program - (11500-GL03) 499,874
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI: Hand, Gregory

South Carolina Public Health Consortium--Director - (11500-GL05) 104,380
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI: Hand, Gregory

2010-2012 Public Health Practice Postgraduate Program - (11500-GL06) 50,000
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI: Hand, Gregory Pate, Russ Brown, William

Fundamentals in Public Health Program - (11500-KJ05) 189,400
Sponsor: The Duke Endowment
Co-PI:

Smithwick-Leone, Julie
Culturally and Linguistically Appropriate Preconception and Perinatal Health Messages - (11500-KL05) 1,478
Sponsor: March of Dimes, SC Chapter
Co-PI:

Unit Total: 1,169,655

Public Health, Arnold School of - General
Truell, Deborah
Type 1 Diabetes Genetics Consortium - (11590-FL00) 100
Sponsor: Benaroya Research Institute at Virginia Mason/NIH
Co-PI:

Unit Total: 100

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Research in Nutrition & Health Disparities, Center for
Nichols, Michele
Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) - (11590-FA33)
Sponsor: George Washington University/NIH
Co-PI:

Unit Total: 37,935
Division Total: 26,537,135

Research & Graduate Education, Vice President
Research, Vice President for - (General)
Boccanfuso, Anthony
Strategic Support for the University Industry Demonstration Partnership - (15500-FA08)
Sponsor: National Academy of Sciences
Co-PI:

Little, Jim
Strategic Support for the South Carolina Hydrogen Fuel Cell Alliance - (22000-KA08)
Sponsor: SC Hydrogen Fuel Cell Alliance (SCHFCA)
Co-PI:

Moskowitz, Jay
Go Grant: An Open Source Research Permissions Management System for South Carolina - (22000-FA05)
Sponsor: National Library of Medicine (NLM)/NIH
Co-PI:

CITIA-SC: Creating a Healthier South Carolina through Health Information Technology - (22000-FL05)
Sponsor: ONC - Office of National Coordinator/HHS
Co-PI:

Parks, John
FY 09 University Center Economic Development Program - (22000-FL04)
Sponsor: Economic Development Administration(EDA)/DOC
Co-PI:

Unit Total: 8,945,995
Division Total: 8,945,995
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<td>Harmon, Sarah</td>
<td>H-02 Wetland Organic Matter/Toxicity Study (2009-2010) - (17110-FA28)</td>
<td>University of Georgia/DOE</td>
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<td>Hudock, Virginia</td>
<td>Aiken Cardiac Enhancement Program - (17110-JL00)</td>
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<td>Jara, Michael</td>
<td>USCA Federal Energy Improvement Projects - (17110-FQ01)</td>
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Leverette, Chad

*Development of Metallic and Dielectric-based Substrates by Electroless Deposition and Glancing Angle Vapor Deposition (GLAD)* - (17110-FA27)

**Sponsor:** SCUREF/SRNL/DOE

Co-PI:

**Advancing SEIRA Technology** - (17110-FA30)

**Sponsor:** SCUREF/DOE

Co-PI:

Pirkle, William

*Nuclear Forensics Junior Faculty Award Program* - (17110-FA31)

**Sponsor:** SCUREF/DOE

Co-PI:

*Curriculum Module for Nuclear Forensics (American Physical Society - Education Module)* - (17110-FL43)

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

Co-PI:

Priest, Jeffrey

*University of South Carolina Aiken Gifted and Talented Graduate Courses Program* - (17110-GL40)

**Sponsor:** SC Department of Education

Co-PI:

Reid, Thomas

*Distance Education for Developing Highly Qualified Middle School Mathematics Teachers (Yr 2)* - (17110-FJ11)

**Sponsor:** SC Commission on Higher Education/USDE

Co-PI:

Rhodes, Lynne

*National Writing Project Potential Site Funding Application* - (17110-FL33)

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

Co-PI: Rhodes, Lynne
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Senn, Gary
Center of Excellence in Middle-level, Interdisciplinary Strategies for Teaching (CE-MIST) - ( 17110-GA03 )

    Sponsor: SC Commission on Higher Education
    Co-PI: McMurtie, Deborah    Lintner, Timothy    Coleman, Bridget    MacPhee, Deborah

Aiken County Public School System/Science Center Affiliation - ( 17110-H403 )

    Sponsor: Aiken County School System
    Co-PI:

Science & Technology Enrichment Program (STEP) - ( 17110-KL03 )

    Sponsor: National Audubon Society, Inc.
    Co-PI:

Smith, Garriet
University of South Carolina Aiken Biofuels Laboratory in Aiken, SC - ( 17110-FA29 )

    Sponsor: Department of Energy
    Co-PI:

Tuten, Jane
Proposal for Continuation of Contract for DOE-SR Public Reading Room at the University of South Carolina Aiken - ( 17110-FL38 )

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

Weed, Keri
Precursors of Retardation in Children with Teen Mothers - ( 17110-FA24 )

    Sponsor: University of Notre Dame/NIH
    Co-PI:

Unit Total: 1,465,954

USC Beaufort - Academic Affairs
Ji, Yiming
NETS:Small:RUI: Dynamic Indoor Location Computing and Benchmarking - ( 17210-FA06 )

    Sponsor: National Science Foundation (NSF)
    Co-PI:
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<td>LCOG proposal for Northern Beaufort County - (17210-HA02)</td>
<td>Lowcountry Council of Governments</td>
<td>Glasson, James</td>
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<td>Hilton Head Island Residential Survey - (17210-HA03)</td>
<td>Town of Hilton Head Island</td>
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<td>PASOS March of Dimes Beaufort County - (17210-KL03)</td>
<td>BJHCHS/March of Dimes</td>
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<td>43,707</td>
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<td>Sediment Characteristics and Metals Assessment at Two Marine Corps Rifle and Bombing Ranges: Marine Corps Base Camp Lejeune and Marine Corps Air Station Cherry Point (Task 5) - (17210-FA07)</td>
<td>US Army Corps of Engineers/DOD</td>
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<td>Town of Bluffton Water Quality Laboratory - (17210-HL00)</td>
<td>Town of Bluffton, SC</td>
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**USC Beaufort - Finance & Operations**

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<td>SC Energy Office/DOE</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

**USC Beaufort - General**
Upshaw, Jane

*Computational Science at the University of South Carolina Beaufort - (17220-FA06)*  
**Sponsor:** SC Research Authority (SCRA)/SC EPSCoR/NSF  
**Co-PI:** Ji, Yiming  
**Amount:** 113,990

*Performing Arts Center - (17220-KL18)*  
**Sponsor:** Coastal Community Foundation of South Carolina  
**Co-PI:**  
**Amount:** 7,500

**Unit Total:** 121,490

**USC Beaufort - Student Development**
Oblander, Doug

*Opportunity Scholars Program - (17220-FL18)*  
**Sponsor:** US Department of Education (USDE)  
**Co-PI:**  
**Amount:** 246,470

*Opportunity Scholars Program - Grant-in-Aid - (17220-FL19)*  
**Sponsor:** US Department of Education (USDE)  
**Co-PI:**  
**Amount:** 55,921

**Unit Total:** 302,391

**USC Lancaster**
Ammons, Robert

*GEAR UP - (17550-FL19)*  
**Sponsor:** Lancaster County School District/USDE  
**Co-PI:** Bailey, Thelathia  
**Amount:** 80,863

Bailey, Thelathia

*Student Support Services - (17550-FL15)*  
**Sponsor:** US Department of Education (USDE)  
**Co-PI:**  
**Amount:** 246,994

*Student Support Services - Grant-in-Aid - (17550-FL16)*  
**Sponsor:** US Department of Education (USDE)  
**Co-PI:**  
**Amount:** 33,872

*Upward Bound - (17550-FL20)*  
**Sponsor:** US Department of Education (USDE)  
**Co-PI:** Bailey, Thelathia  
**Amount:** 249,940
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<td>Criswell, Stephen</td>
<td>USC Lancaster South Carolina Native American Oral History Project: The Catawba</td>
<td>The Humanities Council SC/NEH</td>
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<td>Gregory, Sherri</td>
<td>Stall Hall Chiller and Exterior Door Replacement</td>
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<td>JOHNSON, PAUL</td>
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<td>New USC Lancaster Gateway: Phases I and II</td>
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<td>Banner, Carolyn</td>
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<td>Carmichael, Ann</td>
<td>Advancing Innovation Project: The Duke Endowment</td>
<td>Allendale County Hospital/Duke Endowment</td>
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**USC Salkehatchie**
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<td>Chavous, Warren</td>
<td><strong>STEP Allendale County School</strong> - (17660-HL00)</td>
<td>Allendale County School District</td>
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<td><strong>A-F Middle School 2010 Summer STEP program</strong> - (17660-HL01)</td>
<td>Allendale County School District</td>
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<td><strong>Salkehatchie Summer Scholars 2010</strong> - (17660-KL29)</td>
<td>Gaylord &amp; Dorothy Donnelley Foundation</td>
<td>55,000</td>
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<td>Craig, Mark</td>
<td><strong>USC Salkehatchie Energy Conservation Plan</strong> - (17660-FQ00)</td>
<td>SC Energy Office/DOE</td>
<td>64,296</td>
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<td>Nairn, Camille</td>
<td><strong>REACT: Revitalizing and Energizing the Allendale Community Together</strong> - (17660-KL27)</td>
<td>Sisters of Charity Foundation of South Carolina</td>
<td>120,000</td>
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<td>Rice, Anne</td>
<td><strong>Salkehatchie Lures(SL)/Regional Tourism Study</strong> - (17660-FL26)</td>
<td>Western Carolina Higher Education Commission/USDA Rural Development</td>
<td>162,691</td>
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<td><strong>WCHEC/USDA RBEG - Leadership Institute Operations Subaward</strong> - (17660-FL27)</td>
<td>Western Carolina Higher Education Commission/USDA</td>
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<td><strong>Leadership Development in Salkehatchie Region - Subaward Proposal to Stranahan Foundation (2009)</strong> - (17660-KL28)</td>
<td>Western Higher Education Commission/Stranahan Foundation</td>
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**Unit Total:** 966,988
Sponsored Awards Management (SAM)
Individual Awards - FY2010

**USC Sumter**

Blumberg, Bruce

Replace Pneumatic Control System and Add (2) Variable Frequency Drives - (17440-FQ00)  
*Sponsor:* SC Energy Office/DOE  
*Co-PI:* Groover, Joann  

Sunka, Andrew

Tournees Festival Grant 2010 - (17440-KL02)  
*Sponsor:* French-American Cultural Exchange (FACE) Council  
*Co-PI:*

Rosdail, Lisa

Student Support Services - (17440-FL10)  
*Sponsor:* US Department of Education (USDE)  
*Co-PI:*

Student Support Services - Grant-in-Aid - (17440-FL11)  
*Sponsor:* US Department of Education (USDE)  
*Co-PI:*

**Unit Total:** 393,717

**USC Union**

Lee, Michele

Career Start 2010-2011 - (17770-FJ04)  
*Sponsor:* Upstate Workforce Investment Board - Spartanburg/DOL  
*Co-PI:* Rowland, Hugh

SC Subsidized Transitional Employment Program (STEP) - Donna Brown - (17770-FJ05)  
*Sponsor:* SC Department of Social Services/US Office of Personnel Management  
*Co-PI:* Jett, Susan

Federal Energy Stimulus Grant - (17770-FQ00)  
*Sponsor:* SC Energy Office/DOE  
*Co-PI:* Rowland, Hugh

Rowland, Hugh

Career Start Program - (17770-FJ03)  
*Sponsor:* Workforce Investment Board - Spartanburg/DOL  
*Co-PI:*
Sponsored Awards Management (SAM)
Individual Awards - FY2010

Stokes, Tammy
Student Support Services - ( 17770-FL05 )

Sponsor: US Department of Education (USDE)
Co-PI:

Unit Total: 400,447

USC Upstate
Beck, Judy
Real World Education through Virtual World Application - ( 17880-GA02 )

Sponsor: University Center of Greenville
Co-PI: Toole, Cecilia Kaufmann, Laura

Dowell, Marsha
Utley Nursing Education Endowment - ( 17880-K121 )

Sponsor: Carolina Piedmont Foundation
Co-PI:

Healthy Living Initiative - ( 17880-KL16 )

Sponsor: Carolina Piedmont Foundation and ReGenesis Community Health Center
Co-PI:

Ellis, Timothy
Proposal to Develop Virtual World Technology for SETM 320 - ( 17880-GA00 )

Sponsor: University Center of Greenville
Co-PI:

From, Heidi
Child Care Access Means Parents in Schools (CCAMPIS) 2009 - ( 17880-FL74 )

Sponsor: US Department of Education (USDE)
Co-PI:

Family Daycare Homes 2009-10 - ( 17880-FL76 )

Sponsor: SC Department of Social Services/USDA
Co-PI:

Fulbright, Ron
Immersive Innovation: Exploring the Use of 3-Dimensional Problem Formulator Diagrams for Innovative Problem Solving - ( 17880-GA01 )

Sponsor: University Center of Greenville
Co-PI:
Gibson, Lynette
SC Cancer Alliance - Women of Worth Upstate Conference - (17880-KL17)  
Sponsor: SC Cancer Alliance
Co-PI:

Herzberg, Tina
Preparing Highly Qualified Personnel to Serve Children with Visual Impairment (Combined Personnel Preparation 84.25K) - (17880-FJ22)  
Sponsor: US Department of Education (USDE)
Co-PI:

The Possibilities Are Endless: Promoting Braille Throughout South Carolina - (17880-FJ26)  
Sponsor: US Department of Education (USDE)
Co-PI:

Hightower, Mary
Advanced Placement Summer Teacher Institute - Studio Art (2010) - (17880-GJ10)  
Sponsor: SC Department of Education
Co-PI:

Hope, Deryle
Spartanburg Scholars Academy - (17880-FJ18)  
Sponsor: US Department of Education (USDE)
Co-PI: Love, Charles

Love, Charles
The College of Educational Enrichment - (17880-KL10)  
Sponsor: Carolina Piedmont Foundation/Charles Lea Center
Co-PI:

Marlow, David
Talkin' bout South Carolina: Encouraging Language Diversity, Tolerance, and Inclusivity - (17880-FL75)  
Sponsor: The Humanities Council of South Carolina/NEH
Co-PI:
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<td>Merriweather, Helen</td>
<td>ACHIEVE Program 2009-10 - (17880-FJ24)</td>
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<td>ACHIEVE 2010-11 - (17880-FJ27)</td>
<td>Upstate Workforce Investment Board(WIB)/DOL</td>
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<td>Minsky, Ina</td>
<td>SSS: Opportunity Network - Grant-in-Aid - (17880-FL61)</td>
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<td>SSS: Opportunity Network - (17880-FL62)</td>
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<td>Nodine, Jane</td>
<td>USC Upstate: The Warhol Project - (17880-HL00)</td>
<td>Spartanburg County</td>
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<td>Orr, Walter</td>
<td>USC Upstate HVAC Energy Savings - (17880-FQ00)</td>
<td>SC Energy Office/DOE</td>
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<td>Pae, Holly</td>
<td>Special Education Preservice Improvement 84.325T - (17880-FJ23)</td>
<td>US Department of Education (USDE)</td>
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<td>Polymeric Membranes for Energy and the Environment - (17880-FA10)</td>
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<td>OEO: Contract Courses, Memorandum #09227,09302,09403,09404,09405 - (17880-LX00)</td>
<td>Upstate Regional Center for Educational Support</td>
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<td>SC Quality Forum - (17880-JL00)</td>
<td>Carolina Piedmont Foundation/Various Sponsors</td>
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<td>Thomas, Tasha</td>
<td>National Writing Project 2005 - (17880-FL42)</td>
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<td>Watershed Ecology Center Education Program - (17880-KL00)</td>
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<td>Microbial Study - (17880-L101)</td>
<td>Milliken &amp; Company</td>
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<td>Teacher Cadet Grant - (17880-G206)</td>
<td>SC Center for Teacher Recruitment</td>
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**Unit Total:** 2,817,505  
**Division Total:** 8,029,842
Social Work, College of

Families in Society, Institute for

Baxter, Suzanne

Integrated Recall of Diet and Physical Activity in Children - (10010-FA41) 180,000

Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Pate, Russ

School Meals and BMI Percentile: Secondary Analyses of Non-Self-Report Data - (10010-FA42) 216,000

Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI:

Forthofer, Melinda

Institute for Families in Society - (10010-K400) 110,000

Sponsor: Nord Family Endowment Fund
Co-PI:

Best Practices for Community Engagement in Health Research - (10010-KA10) -56,809

Sponsor: The Duke Endowment
Co-PI:

Best Practices for Community Engagement in Health Research - (11520-KA22) 269,908

Sponsor: The Duke Endowment
Co-PI:
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<td><strong>SC Center for Fathers &amp; Families TANF Task Order - (10010-FA46)</strong></td>
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<td><strong>Improving Access to Healthcare for Low-Income Non-Custodial Fathers - (10010-KA13)</strong></td>
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<td><strong>Lancaster Fatherhood Project - J. Marion Sims Task Order - (10010-KA14)</strong></td>
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<td><strong>Sponsor:</strong> The SC Center for Fathers and Families/J. Marion Sims Foundation</td>
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<td><strong>Use of a Community-University Partnership to Eliminate Environmental Stressors: Administrative Supplement for Undergraduate Student Experience - (10010-FA47)</strong></td>
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<td><strong>APHA’s Environment Section Educational Activities - (10010-KJ00)</strong></td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Unit Total: 1,687,858

Social Work, College of Andrews, Arlene

Researching and Evaluating School-Based Mental Health Programs - (15900-GA08) 20,666
  Sponsor: SC Department of Mental Health
  Co-PI:

Program Evaluation of the Family Services Project at A Child's Haven - (15900-KL18) 18,020
  Sponsor: A Child's Haven, Inc.
  Co-PI:

Brown, Elsbeth

A Child's Haven, Inc. Proposed Early Care and Education Center - (15900-KL20) 49,982
  Sponsor: A Child's Haven, Inc.
  Co-PI:

Browne, Teri

Social Networks and Pathways to Transplant Parity for Black Hemodialysis Patients - (15900-FA24) 421,091
  Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
  Co-PI:

The Creation of a Model Program for Dialysis Social Work Field Placements - (15900-KA15) 10,988
  Sponsor: National Kidney Foundation
  Co-PI: Pooler, David

Chou, Rita

Geriatric Education Center - (15900-FJ31) 6,480
  Sponsor: Health Resources & Services Administration (HRSA)/HHS
  Co-PI:

Job Satisfaction and Productive Aging: A Longitudinal Study of Older Workers Based on A Nationally Representative Sample 50,000
  Sponsor: John A. Hartford Foundation
  Co-PI:
Flynn, Cynthia

Character Development in South Carolina: Evaluation and Technical Assistance - (15900-FA19) $-19,731

Sponsor: SC Department of Education/USDE
Co-PI: 

Evaluation of Character Development - (15900-FA23) $86,072

Sponsor: SC Department of Education/USDE
Co-PI: 

The Purchase of Social Work Training for DSS Staff and Agents: Program Evaluation and Accountability - (15900-FA25) $1,385,695

Sponsor: SC Department of Social Services (DSS)/HHS
Co-PI: 

The Purchase of Social Work Training for DSS Staff and Agents - Training - (15900-FJ33) $4,049,501

Sponsor: SC Department of Social Services (DSS)/HHS
Co-PI: Butkus, Stanley

The Purchase of Social Work Training for DSS Staff and Agents - Program Administration - (15900-FJ34) $514,577

Sponsor: SC Department of Social Services (DSS)/HHS
Co-PI: Butkus, Stanley

The Purchase of Social Work Training for DSS Staff and Agents - Information Design - (15900-FJ35) $726,046

Sponsor: SC Department of Social Services (DSS)/HHS
Co-PI: Butkus, Stanley

The Purchase of Social Work Training for DSS Staff and Agents - Education & Community Initiatives - (15900-FJ36) $663,536

Sponsor: SC Department of Social Services (DSS)/HHS
Co-PI: Butkus, Stanley

The Purchase of Social Work Training for DSS Staff and Agents - Consortium - (15900-FJ37) $845,237

Sponsor: SC Department of Social Services (DSS)/HHS
Co-PI: Butkus, Stanley

South Carolina Interagency Deaf Blind Project - (15900-FL39) $20,000

Sponsor: SC School for the Deaf and the Blind/USDE
Co-PI:
Sponsored Awards Management (SAM)
Individual Awards - FY2010

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<th>Project Title</th>
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<td>DHEC IQP/Translation Language Assistance Program</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)</td>
<td>15900-GL19</td>
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<td>Freedman, Darcy</td>
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<td>15900-KA18</td>
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<td>Ha, Yoonsook</td>
<td>SC Department of Social Services/HHS</td>
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<td>SC Department of Social Services/HHS</td>
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<td>Memorandum of Understanding Between United Way of the Midlands and the College of Social Work</td>
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<td>Memorandum of Understanding (MOU) between United Way of Greenville County (UWGC) And USC College of Social Work (COSW)</td>
<td>United Way of Greenville County (UWGC)</td>
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sinha, sunny

*Women in Non-brothel Based Sex Work in Kolkata: Using Cultural Biography to Understand Risk Perceptions*

- (15900-KA16)

**Sponsor:** Fahs-Beck Fund

**Co-PI:** Farber, Naomi

5,000
Ward, James
GA: Kim Robinson - ( 15900-HP16 )
Sponsor: Asheville City Schools
Co-PI:

GA: Kimberly Marshall - ( 15900-HP17 )
Sponsor: Richland County School District Two
Co-PI:

GA: Michael Pesant - ( 15900-JP37 )
Sponsor: Research Associates
Co-PI:

GA: Elaine Stephens - ( 15900-JP38 )
Sponsor: Research Associates
Co-PI:

GA: Candance Morgan - ( 15900-KR49 )
Sponsor: Center for Capital Litigation
Co-PI:

GA: Priscilla Brooks - ( 15900-KR51 )
Sponsor: Hospice Cleveland County
Co-PI:

GA: Ellen Rogers - ( 15900-KR52 )
Sponsor: CooperRiss
Co-PI:

GA: Jeri Martinez - ( 15900-KR53 )
Sponsor: Senior Resources, Inc.
Co-PI:

GA: Mary Belk - ( 15900-KR54 )
Sponsor: Senior Resources, Inc.
Co-PI:

GA: Matthew Henry - ( 15900-KR55 )
Sponsor: Center for Capital Litigation
Co-PI:
### Sponsored Awards Management (SAM)

**Individual Awards - FY2010**

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<tr>
<th>GA: Deborah McNeill - ( 15900-KR56 )</th>
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<td><strong>Sponsor:</strong> Covenant Presbyterian Church</td>
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<th>GA: Marilyn Cromer - ( 15900-KR58 )</th>
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<th>GA: Rebecca Jester - ( 15900-KR59 )</th>
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<td><strong>Sponsor:</strong> Interfaith Hospitality Network of Augusta</td>
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<th>GA: Kelli Middleton - ( 15900-KR60 )</th>
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<th>GA: Danashia Walker - ( 15900-KR61 )</th>
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<td><strong>Sponsor:</strong> Charlotte Mecklenburg Senior Centers, Inc.</td>
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Sponsored Awards Management (SAM)
Individual Awards - FY2010

Wolfer, Terry
Geriatric Social Work in Congregations: Creating Roles and Attracting and Developing Social Work Leaders - (15900-KA11)

Sponsor: Social Work Leadership Institute at the New York Academy of Medicine
Co-PI:

Maintaining Vital Connections Between Faith Communities and their Organizations - (15900-KA17)

Sponsor: University of Maryland/ Lilly Endowment, Inc.
Co-PI:

Worrell, Cheryl
An Agreement between the University of South Carolina College of Social Work, Center for Child and Family Studies, and the South Carolina Department of Education for the Provision of a Survival English Compact Disc II - (15900-GJ00)

Sponsor: SC Department of Education
Co-PI:

Unit Total: 9,987,416
Division Total: 11,675,274

Student Affairs, Division of

Student Health
Harring, Holly
Community Based Farmers Markets Specialty Crops Small Grant Program - (71000-GL00)

Sponsor: SC Department of Agriculture
Co-PI:

South Carolina Tobacco Collaborative Community Partnership Grant - (71000-KL08)

Sponsor: SC Tobacco Collaborative
Co-PI:

Healthy Carolina Lactation Support Program - (71000-KL09)

Sponsor: Eat Smart Move More South Carolina
Co-PI:
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<td>O'Brien, Marguerite</td>
<td>The South Carolina Contraception Initiative Seed Grant Proposal - (71000-KL07)</td>
<td>The South Carolina Emergency Contraception Initiative</td>
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<td>Wilson, Ryan</td>
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<td><strong>Student Life</strong></td>
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<td>Atkins, Allison</td>
<td>Palmetto Initiative for Campus/Community Collaborative (PICC) - (46300-FL34)</td>
<td>SC Department of Alcohol and Other Drug Abuse Services (DAODAS)/DOJ</td>
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<td>Pettus, Karen</td>
<td>Career Opportunities for Students with Disabilities - (46000-FJ00)</td>
<td>SC Developmental Disabilities Council/HHS</td>
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<td>Keup, Jennifer</td>
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<td>Boyd, Kate</td>
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<td>National Endowment for the Humanities (NEH)</td>
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Horton, Mary
William Gilmore Simms Initiatives - (30000-KA02) 480,580
  Sponsor: Watson Brown Foundation
  Co-PI:

Sudduth, William
ASERL Collaborative Federal Depository Project - (30000-FL05) 62,136
  Sponsor: Association of Southeastern Research Libraries (ASERL)/IMLS
  Co-PI:

  Unit Total: 849,035
  Division Total: 849,035

USC Affiliations
SC Research Infrastructure
Pastides, Harris
RIA Funding for Innovista - (22000-GA00) 6,217,605
  Sponsor: State of South Carolina
  Co-PI:

  Unit Total: 6,217,605
  Division Total: 6,217,605

USC Hospital Partners
Greenville Hospital Systems
Pastides, Harris
Greenville Hospital Systems Grants, Studies & Research Accts. - (22000-KA11) 3,327,165
  Sponsor: Greenville Hospital Systems
  Co-PI:

Walton, Ed
GHS Medicaid MCO Supplements - (22000-K403) 2,737,737
  Sponsor: Health Sciences South Carolina/Various Sources
  Co-PI:

  Unit Total: 6,064,902
### Sponsored Awards Management (SAM)
#### Individual Awards - FY2010

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<th>Palmetto Health Systems</th>
<th>Faulkner, Larry</th>
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<td><strong>Support/Reimb-Affiliates-RMH</strong> - (18300-K101)</td>
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**Unit Total:** 4,119,658

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<td><strong>VISN 7 Research Career Development</strong> - (18020-FA38)</td>
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**Unit Total:** 895,194

**Division Total:** 11,079,754

**Report Total:** $218,832,517