Arts and Sciences, College of

**Anthropology**

Simmons, David

*NSF Graduate Fellowship (Jeremy VanderKnyff) - 13590-FA03*

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

**Archaeology & Anthropology, SC Institute of**

Dawson, Audrey

*Survey of Four Parcels in Aiken and Lexington Counties, South Carolina. - 21300-FA61*

**Sponsor:** SC Army National Guard/DOD  
**Co-PI:**

Rice, Nena

*South Carolina Archaeology Month Poster 2010 - 21300-FL03*

**Sponsor:** SC Department of Archives & History/DOI  
**Co-PI:**

Smith, Steven

*Reconnaissance Study of Sherman's Campaign Through South Carolina - 21300-FA62*

**Sponsor:** National Park Service (NPS)/DOI  
**Co-PI:**

**Art**

Hogue, Susan

*2010-2011 Workshops for Media - 12510-GJ05*

**Sponsor:** SC Film Commission/SC Dept or Parks, Recreation and Tourism  
**Co-PI:**

**Arts and Sciences - (Dean)**

Brown, Sonya

*Salt River Bay National Historical Park and Ecological Preserve Marine Research and Education Center Project Management and Program Development -- Subaward for Education Work Group - 12100-FL00*

**Sponsor:** UNC-Wilmington/Office of Insular Affairs/DOI  
**Co-PI:**
Baruch Institute
Morris, James
Algal Ecology Lab Support - 21600-GA08
Sponsor: SC Department of Natural Resources (SCDNR)
Co-PI:

Morris, Pamela
RAPID-Collaborative Research: The Microbial Response to the Gulf Oil Spill: Linking Metabolomes and Metagenomes - 21600-FB89
Sponsor: National Science Foundation (NSF)
Co-PI:

Neubauer, Scott
Salt-water Intrusion into Coastal Freshwater Wetlands: Effects on Ecosystem Metabolism and Soil Carbon and Nutrient Storage - 21600-FB90
Sponsor: Tulane University/DOE
Co-PI:

Porter, Dwayne
Pesticides Decision-making Tool and Feasible Alternatives for Beaufort, Jasper and Hampton Counties, SC (Wickliffe) - 11510-GJ00
Sponsor: SC Sea Grant Consortium
Co-PI:

Smith, Erik
Water Quality Dynamics in Long Bay, SC - 21600-GA10
Sponsor: SC Sea Grant Consortium/OCRM-SCDHEC
Co-PI:

Biological Sciences
Dudycha, Jeff
Characterization and Genetic Analysis of Aging in Daphnia - 13010-FB73
Sponsor: National Institute on Aging (NIA)/NIH
Co-PI: Patel, Rekha Place, Sean

Lu, Xiongbin
Identification of Novel Protein Phosphatases in the ATM Signaling Pathway - 13010-FB66
Sponsor: National Cancer Institute (NCI)/NIH
Co-PI:
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<th>Name</th>
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<td>Mousseau, Timothy</td>
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<td>SC STEPs to STEM - 13010-FL08</td>
<td>National Science Foundation (NSF)</td>
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<td>Co-PI: Knapp, Loren Johnson, Ann Buell, Duncan Meade, Douglas</td>
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<td>Vogt, Richard</td>
<td>Characterization of Olfactory Proteins of the Yellow Fever Mosquito Aedes aegypti as Targets for the Study of Chemosensory Deterrents - 13010-FB29</td>
<td>US Department of Agriculture (USDA)</td>
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<td>Chemistry &amp; Biochemistry</td>
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<td>Dawson, John</td>
<td>Editing: Journal of Inorganic Biochemistry - 13020-J400</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 - 13020-FB77</td>
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<td>Murphy, Catherine</td>
<td>Journal of Physical Chemistry Editorship - 13020-KL00</td>
<td>American Chemical Society</td>
<td>19,498</td>
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<td>Outten, Franklin</td>
<td>Characterization of a Novel Nickel Metalloregulatory Protein, Yqj - 13020-FB88</td>
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<td>Dr. William Walden: Minority Research Symposium Keynote Speaker - 13020-FB89</td>
<td>SC Research Authority (SCRA)/SC EPSCoR/NSF</td>
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## Sponsored Awards Management (SAM)

### August, 2010  New Awards

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<th>Name</th>
<th>Title</th>
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<td>Sodetz, James</td>
<td>Structure/Function of Terminal Complement Proteins</td>
<td>National Institute of General Medical Sciences (NIGMS)/NIH</td>
<td>293,521</td>
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<td>13020-FB37</td>
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<td>Wang, Qian</td>
<td>1D and 2D Assembly of Plant Viruses for Materials Development</td>
<td>US Department of Energy (DOE)</td>
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<td>13020-FB76</td>
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<td>zur Loye, Hans-Conrad</td>
<td>SCUREF: SC0230 Amide/Borohydride Structural Analysis</td>
<td>SCUREF/WSRC/DOE</td>
<td>13,920</td>
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<td>13020-FB62</td>
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<td>Criminology &amp; Criminal Justice, Department of</td>
<td>Constructing a Drug Consequences Index</td>
<td>Office of National Drug Control Policy</td>
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<td>Sevigny, Eric</td>
<td>12200-FA15</td>
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<td>Earth and Ocean Sciences</td>
<td>GEGEO-Technical and Scientific Cooperation Between the National University of Equatorial Guinea and the University of South Carolina</td>
<td>ExxonMobil Equatorial Guinea, Inc.</td>
<td>89,620</td>
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<td>Kellogg, James</td>
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<td>Thunell, Robert</td>
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<td>Thunell, Robert</td>
<td>Ocean Acidification- Category 1: Real Time Assessment of Ocean Acidification Proxies and Their Incorporation in the Marine Sediment Record</td>
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Sponsored Awards Management (SAM)
August, 2010   New Awards

Voulgaris, George
Benthic Boundary Layer Sediment Transport in the Carolinas - 13040-FB56
Sponsor: U.S. Geological Survey (USGS)/DOI
Co-PI:

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

Water Quality Dynamics in Long Bay, SC - 13040-GA20
Sponsor: SC Sea Grant Consortium/OCRM-SCDHEC
Co-PI:

White, Scott
Collaborative Research: Volcanic Eruptions on the Galapagos Spreading Center: Effect of Variable Magma Supply on Eruption and Magma Chamber Processes on Mid-Ocean Ridges - 13040-FB67
Sponsor: National Science Foundation (NSF)
Co-PI:

Environment, School of the
Barnes, Phil
Veterans Health Administration VEGA Training and Evaluation - 10060-FJ00
Sponsor: Veterans Health Administration
Co-PI:

Fletcher, Madilyn
Sponsor: SC Sea Grant Consortium/NOAA
Co-PI: Porter, Dwayne

Film Studies
Courtney, Susan
Tanner Humanities Ctr Visiting Research Fellowship, "Split Screen Nation" - 12530-LA00
Sponsor: University of Utah, Tanner Humanities Center
Co-PI:
<table>
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<tr>
<th>Geography</th>
<th>Dow, Kirstin</th>
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<td>Carbone, Gregory</td>
<td>Coastal Climate Extension Specialist Support - 13540-FA82</td>
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<td>Sponsor: SC Sea Grant Consortium/NOAA</td>
<td>Co-PI: Dow, Kirstin</td>
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<td>Cutter, Susan</td>
<td>NSF Graduate Fellowship (Eric Tate) - 13540-FA57</td>
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<td>Dow, Kirstin</td>
<td>Informing Coastal Management Adaptation Planning and Decision Making for Climate Change Using an Interactive Risk-based Vulnerability Assessment Tool - 13540-FA78</td>
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<td>Emrich, Christopher</td>
<td>Enhancement of the Social Vulnerability Index (SoVI) for Use in Assessing Coastal Risk - 13540-FA83</td>
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<td>Hodgson, Michael</td>
<td>Francis Marion and Sumter National Forest GIS Digital Update - 13540-FA51</td>
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<td>Sponsor: US Forest Service/USDA</td>
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<td>GA: Leann Sulewski - 13540-GP26</td>
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<td>Sponsor: SC Military Department, Office of the Adjutant General</td>
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<td>Kasakoff, Alice</td>
<td>Modeling Spatial and Family Factors in the Transmission of Wealth - 13540-FA71</td>
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<td>Sponsor: Eunice Kennedy Shriver National Institute of Child Health &amp; Human Development (NICHD)/NIH</td>
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<td><strong>Kupfer, John</strong></td>
<td>Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park</td>
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<td><strong>Mitchell, Jerry</strong></td>
<td>South Carolina Geographic Alliance, 2010-2011</td>
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<td><strong>History</strong></td>
<td>Acting Inca: Ethnic Identity and Quechua Theater in Early Twentieth-Century Highland Bolivia</td>
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<td><strong>Weyeneth, Robert</strong></td>
<td>GA: Haley Grant</td>
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<td><strong>Mathematics</strong></td>
<td>Combinatorial Quasirandomness and its Applications</td>
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<td><strong>Ju, Lili</strong></td>
<td>New Grid and Discretization Technologies for Ocean and Ice Simulations</td>
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**Sponsored Awards Management (SAM)**

**August, 2010 New Awards**
**Sponsored Awards Management (SAM)**

**August, 2010  New Awards**

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<th><strong>Liu, Xinfeng</strong></th>
<th><strong>Mathematical Modeling and Computational Studies for Cell Signaling</strong> - 21400-FA03</th>
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**Philosophy**

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<th><strong>Khushf, George</strong></th>
<th><strong>Center for Bioethics</strong> - 21100-L102</th>
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**Physics & Astronomy**

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<th><strong>Gudkov, Vladimir</strong></th>
<th><strong>Fundamental Neutron Physics: Theory and Analysis</strong> - 13070-FA85</th>
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<th><strong>Kulkarni, Varsha</strong></th>
<th><strong>A Search for Galaxies producing Metal-rich Quasar Absorbers - Fellowship for Lorrie Straka</strong> - 13070-FA94</th>
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<th><strong>Mapping Dust in Galaxies with Spitzer IRAC Imaging of Back-lit Galaxy Pairs</strong> - 13070-FA95</th>
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<th><strong>Transport Behavior of Superconductors at High Dissipative Currents</strong> - 13070-F129</th>
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**Political Science**

Smith, Gordon

*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:**

- 286,975

*Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones* - 21900-FJ05

**Sponsor:** Department of the Army/DOD  
**Co-PI:**

- 162,518

**Psychology**

Booze, Rosemarie

*HIV/Cocaine Neurotoxicity in Females* - 13580-FA83

**Sponsor:** National Institutes of Health (NIH)  
**Co-PI:** Mactutus, Charles  
Aksenov, Michael

- 40,000

Brown, Martha

*GA: Jaquelyn McDaniel* - 13580-GP25

**Sponsor:** SC Department of Mental Health (SCDMH)  
**Co-PI:** Smith, Bradley

- 16,250

Kloos, Bret

*Investigating Environmental Factors Affecting Community Integration* - 13580-FA73

**Sponsor:** US Department of Education (USDE)  
**Co-PI:** Van Horn, M. Lee  
Battersby, Sarah

- 199,585

Palomares, Melanie

*OPAM: A Conference on Object Perception Attention and Memory* - 13580-FA81

**Sponsor:** National Eye Institute (NEI)/NIH  
**Co-PI:**

- 7,500
Prinz, Ron
Creating the Scientific Infrastructure for the Promise Neighborhood Initiative - 13580-FA76
Sponsor: Oregon Research Institute/NIH
Co-PI: 142,422

Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training - 13580-FJ02
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH 141,262
Co-PI:

Shapiro, Cheri
A Comparison of Collaborative Interventions for Strengthening Families and Reducing Maltreatment Risk in Young Children with Developmental Disabilities - 13580-FA82
Sponsor: SC First Steps to School Readiness/HHS 570,957
Co-PI:

Smith, Bradley
YEP At Bennettsville Elementary School - 13580-HL05
Sponsor: Marlboro County School District 13,936
Co-PI:

YEP At Bennettsville Elementary School - 13580-HL08
Sponsor: Marlboro County School District 89,452
Co-PI:

Weist, Mark
Strengthening the Quality of School Mental Health Services - 13580-FA80
Sponsor: National Institutes of Mental Health (NIMH)/NIH 604,018
Co-PI:

Center for Adolescent Research in Schools (CARS) - 13580-FA84
Sponsor: Lehigh University, Institute of Educational Sciences/USDE 5,000
Co-PI:

Public Service & Policy Research, Institute for
Oldendick, Robert
Addressing Parental Smoking by Changing Pediatric Office Systems - 21100-FL28
Sponsor: Massachusetts General Hospital/NIH 84,314
Co-PI:
Sponsored Awards Management (SAM)
August, 2010   New Awards

Statistics
Huang, Xianzheng

Informative Model Specification Tests Using Coarsened Data - 13080-FB34  

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

Business, Moore School of

Business, Moore School of - Division of Research
Woodward, Douglas

The Economic Impact of The South Carolina Research Authority (SCRA) - 21200-GA14

Sponsor: SC Research Authority (SCRA)
Co-PI: Guimaraes, Paulo   Von Nessen, Joseph

Education, College of

Education Leadership & Policies
Bloom, Jennifer

GA: Lucy Fort, Anna Todaro, Leslie West, Whitney McWhorter - 15230-LP23

Sponsor: Columbia College
Co-PI:

Educational Studies, Department of
DiStefano, Christine

Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool - 15240-FA09

Sponsor: US Department of Education (USDE)
Co-PI: Brown, William   Greer, Fred

Marshall, Kathleen

Project CREATE 2010-11 - 15240-FJ19

Sponsor: SC Department of Education/USDE
Co-PI:
**Instruction & Teacher Education**

**Welsh, Kerrie**

*South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network (2010-11) - 15250-FJ39*

*Co-PI:* Knopf, Herman  Baum, Angela  

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

875,430

**Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2010-11 - 15250-FJ41**

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

30,000

**Yow, Jan**

*University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI) - 15250-FL32*

*Sponsor:* National Science Foundation (NSF)

1,399,711

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

**Office of Program Evaluation**

**Petulis, Robert**

*University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI) - 15290-FL21*

*Sponsor:* National Science Foundation (NSF)

50,000

**Physical Education**

**Mensch, James**

*GA: Stephanie Bingham, Jarred Gogel, Rachel Sharpe, Kate Benedict, Camille Valvano - 15210-HP17*

*Sponsor:* Richland County School District One

80,000

*Co-PI:*

*GA: John Stavrinakis - 15210-LP13*

*Sponsor:* Benedict College

18,500
Sponsored Awards Management (SAM)
August, 2010   New Awards

Engineering & Computing, College of

Chemical Engineering
Amiridis, Michael

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

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

Blanchette, James

Establishing Non-Lethal Hypoxic Culture Conditions for ADSC Aggregates - 15510-GA20

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

Jabbari, Esmaiel

Biodegradable Inductive Load-Bearing Bone Regeneration Scaffold - 15510-KA58

Sponsor: AO Foundation
Co-PI:

Matthews, Michael

GOALI: Collaborative Research: Phase Behavior and Reactivity of a Hygroscopic System - 15510-FB39

Sponsor: National Science Foundation (NSF)
Co-PI: Davis, Thomas

Monnier, John


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

Popov, Branko

Development of Ultra Low Platinum Alloy Cathode Catalyst for PEM Fuel Cells - 15510-FB80

Sponsor: US Department of Energy (DOE)
Co-PI: Weidner, John
Ritter, James
Complex Hydrides of Lithium, Aluminum and Boron for Hydrogen Storage
- 15510-FB60
  Sponsor: National Science Foundation (NSF)
  Co-PI: Ebner, Armin Williams, Christopher

Van Zee, John
Collaborative Research: Center for Fuel Cells: a Multi-University I/UCRC - 15510-FB44
  Sponsor: National Science Foundation (NSF)
  Co-PI:

Weidner, John
Development of SO2 Depolarized Electrolyzer for Hydrogen and Sulfuric Acid Production
- 15510-JA89
  Sponsor: Korea Institute of Energy Research/Korean Government
  Co-PI:

Zhou, Xiao-Dong
Mechanistic Studies of Oxygen Electrodes with Simultaneous High Activity and Stability for Solid Oxide Fuel Cells - 15510-FB81
  Sponsor: National Science Foundation (NSF)
  Co-PI:

Civil & Environmental Engineering
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

Gassman, Sarah
Characterization of the Liquefaction Resistance of Aged Soils - 15520-FA49
  Sponsor: Clemson University/NSF
  Co-PI: Talwani, Pradeep

Matta, Fabio
New Structural Materials for Transmission Lines - 15520-JA18
  Sponsor: Centre for Energy Advancement through Technological Innovation (CEATI)
  Co-PI: Pierce, Charles
Saleh, Navid
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment - 15520-FA74

Sponsor: National Science Foundation (NSF)
Co-PI: Ferguson, P. Sabo-Attwood, Tara

Ziehl, Paul
SBIR topic - AF093-179 Built-In Damage State Detection and Localization Capabilities for Composite Engine Structures - 15520-FA79

Sponsor: Texas Research International/ US Air Force
Co-PI:

Computer Science & Engineering
Wang, Song
Robust and Principled Visual Intelligence - 15590-FA75

Sponsor: Purdue University/DARPA/DOD
Co-PI:

Electrical Engineering
Brice, Charles
GRAPES Industry University Collaborative Research Center - Assessment of Rapid Voltage Collapse Induced by Power Electronics - 15530-JA25

Sponsor: Various Sponsors
Co-PI: Shin, Yong-June

Chandrashekhar, MVS
Epitaxial Graphane for Energy-Efficient Smartgrid Nanoscale Electronics and Hydrogen Storage - 15530-KA13

Sponsor: Southeastern Center for Electrical Engineering Education (SCEEE)
Co-PI:

Dougal, Roger
I/UCRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems - 15530-FB10

Sponsor: National Science Foundation (NSF)
Co-PI: Santi, Enrico Simin, Grigory

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

Sponsor: Various Sponsors
Co-PI:
### Sponsored Awards Management (SAM)

**August, 2010  New Awards**

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Description</th>
<th>Funding</th>
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<tbody>
<tr>
<td>Ginn, Herbert</td>
<td>GRAPES Industry University Collaborative Research Center - Flexible Research Control Platform for Grid-connected Converters - 15530-JA24</td>
<td>10,000</td>
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<td>Co-PI:</td>
<td>Various Sponsors</td>
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<td><strong>Koley, Goutam</strong></td>
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<td>Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene - 15530-FB11</td>
<td>120,000</td>
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<td>Sponsor:</td>
<td>National Science Foundation (NSF)</td>
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<td>Co-PI:</td>
<td>Chandashekhar, MVS</td>
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<td><strong>Mandal, Krishna</strong></td>
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<td>Fabrication of Thin Films on Ceramic Substrates - 15530-FB09</td>
<td>50,000</td>
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<td>Sponsor:</td>
<td>SC Universities Research &amp; Education Foundation (SCUREF)/SRNS/DOE</td>
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<td>Co-PI:</td>
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<tr>
<td><strong>Mechanical Engineering</strong></td>
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<td>Baxter, Sarah</td>
<td>Synergistic Modeling: Manufacture and Design of 'Nano' Microstructures - 15540-FB62</td>
<td>320,000</td>
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<td>Sponsor:</td>
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<td>South Carolina Space Grant Consortium Graduate Fellowship - 15540-FB66</td>
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<td>SC Space Grant Consortium/ NASA</td>
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<td>ENGAGE Mini Grant - 15540-FJ07</td>
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<td>Sponsor:</td>
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<td>Co-PI:</td>
<td>Lyons, Jed Peters, Walter Perkins, Michael McNeill</td>
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<tr>
<td>Bayoumi, Abdel</td>
<td>Comprehensive Rotary-Wing Aircraft Research Plan in Support of the U.S. Army Conditioned Based Maintenance Program (CLIN 0001) - 15540-FB11</td>
<td>9,000</td>
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<td>Reifsnider, Kenneth</td>
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Huang, Kevin
*Fabricate and Characterize Proton Conducting Ceramics* - 15540-FB61

**Sponsor:** SCUREF/SRNS/DOE

**Co-PI:**

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Huang, Xinyu
*Collaborative Research: Mixed Ionic Electronic Conducting Cathodes for Intermediate Temperature Solid Oxide Fuel Cells* - 15540-FB65

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

**Co-PI:**

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Knight, Travis
*DOE Nuclear Engineering Scholarship and Fellowship Program at USC* - 15540-FJ05

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

**Co-PI:** Khan, Jamil

---

Li, Xiaodong
*Service for Processes for Diamond-Like Carbon Coatings on Zirlo Nuclear Fuel Cladding Tubes* - 15540-JL02

**Sponsor:** Westinghouse Electric Company LLC

**Co-PI:**

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Reifsnider, Kenneth

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

**Co-PI:**

*High Temperature Hydrogen Generation Systems* - 15540-FB67

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

**Co-PI:** Chen, Fanglin

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Reynolds, Anthony
*NASA EPScR 2010: Fundamental and Applied Studies in Friction Based Consolidation and Extrusion of Finely Divided Metals* - 15540-FB64

**Sponsor:** SC Research Authority (SCRA)/SC EPScR/NASA

**Co-PI:** Sutton, Michael  Deng, Xiaomin

*FSP I/UCRC Operation Account* - 15540-JA21

**Sponsor:** Various Sponsors

**Co-PI:**
Sutton, Michael  
**GEAR GRANT: Basic Studies for Vascular Tree Development: Material Property Estimation in Vasculature at Multiple Length Scales and Hydrogel Interaction with Cellular Aggregates** - 15540-GA19  
*Sponsor:* SC Research Authority (SCRA)/SC EPSCoR  
*Co-PI:* Lessner, Susan  

**29,000**

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**Enrollment Management**

**TRIO Programs**

Beasley, Paul  
**Student Support Services** - 21710-FL35  
*Sponsor:* US Department of Education (USDE)  
*Co-PI:*  

**305,148**

---

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

**Hotel, Restaurant & Tourism Administration**

Turk, Ercan  
**The Role of Pro-Sustainable Values in Predicting Tourists’ Destination Choice Behavior: Theory of Planned Behavior and Pro-sustainable Travel.** - 14050-LA02  
*Sponsor:* University of Las Vegas Nevada (UNLV)  
*Co-PI:*  

**39,695**

---

**Law, School of**

**Children’s Law Center**

Morris, Carolyn  
**Community Programs: Implementing the Reduction of DMC** - 15810-FJ06  
*Sponsor:* SC Department of Public Safety/DOJ  
*Co-PI:*  

**6,000**

---

**Joint Legislative Committee on Children** - 15810-GL05  
*Sponsor:* SC Senate  
*Co-PI:* Davis, Harry  

**250,000**
Law, School of
Robinson, Pamela

SC Bar Foundation Public Interest Fellows - 15800-KL22 12,648

Sponsor: SC Bar Foundation
Co-PI:

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of
Besley, John

RAPID Proposal: The Impact of the BP Oil Spill on Views towards Nuclear Energy - 15600-FA04 30,405

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

Proposal for the Analysis of Media Coverage Associated with the June 2010 AmericaSpeaks: Our Budget, Our Economy National Town Meeting - 15600-KA06 1,800

Sponsor: AmericaSpeaks
Co-PI:

Collins, Erik

GA: Rachael Renken - 15600-JP04 2,300

Sponsor: Riley Communications
Co-PI:

Kenney, Keith

University of South Carolina Journalism School Partnership Project with the Caucasus School of Journalism and Media Management - 15600-FJ06 742,575

Sponsor: US Department of State (DOS)
Co-PI:

Medicine, School of

Cell & Developmental Biology & Anatomy
Ramsdell, Ann

Development of Xenopus as a Model of Human Congenital Heart Disease - 18020-FA50 103,929

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

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:**

Bennett, Kevin

New Awards

**Sponsor:** Health Sciences South Carolina (HSSC)

**Co-PI:**

Internal Medicine

Ahuja, Divya

Enhancing Linkages to HIV Care in Jail Settings - 18190-FA07

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

**Co-PI:** Albrecht, Helmut   Duffus, Wayne

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

**Sponsor:** Emory University/HRSA

**Co-PI:** Sutton, Scott

South Carolina HIV/AIDS Clinical Training Center (MAI) - 18190-FJ11

**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
<table>
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<tr>
<th>Sponsor</th>
<th>Award Description</th>
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<tbody>
<tr>
<td>Sanofi Pasteur Biologics Co.</td>
<td>A Phase II Randomized, Placebo-Controlled, Double-Blind, Dose-Ranging Study to Assess the Immunogenicity and Safety of a Clostridium Difficile Toxoid Vaccine (ACAM-CDIFF) in Subjects with CDI</td>
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<tr>
<td>Medical University of South Carolina (MUSC)/Univ of Miami/NIH</td>
<td>Project AWARE: HIV Testing and Counseling in STD Clinics: An Adaptation of CTN 0032 (AWARE)</td>
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<tr>
<td>Cooperative Ministry/City of Columbia</td>
<td>Integrating Research into Homeless Services/Case Management and Translational Research Services (IRIHS)</td>
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<tr>
<td>Albrecht, Helmut</td>
<td>Rizvi, Ali</td>
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<tr>
<td>Systolic Blood Pressure Intervention Trial (SPRINT)</td>
<td>Molecular Profiling Analysis of Indeterminate Thyroid Nodule Fine Needle Aspirates to Determine Patterns Predictive of Benign or Malignant Disease (Protocol Number VERA001)</td>
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<td>Neurology</td>
<td>Sen, Souvik</td>
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**Neurology**

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<tr>
<td>Univ of Rochester/NIH</td>
<td>Activated Protein C in Acute Stroke Trial</td>
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**Sponsored Awards Management (SAM)**

**August, 2010  New Awards**

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<tr>
<th><strong>Neuropsychiatry</strong></th>
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<tr>
<td><strong>Narasimhan, Meera</strong></td>
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<td>Southern Consortium Node of the Clinical Trials Network - Stimulant Reduction Intervention using Dosed Exercise (STRIDE) - 18120-FA06</td>
<td>443,021</td>
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<tr>
<td><strong>Sponsor:</strong> Medical University of South Carolina (MUSC)/NIDA/NIH</td>
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<td><strong>Co-PI:</strong></td>
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<tr>
<th><strong>Pathology &amp; Microbiology</strong></th>
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<tr>
<td><strong>Ray, Swapan</strong></td>
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<tr>
<td>Inflammation and Degeneration of Optic Nerve in EAE (Subcontract) - 18060-FA50</td>
<td>51,000</td>
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<tr>
<td><strong>Sponsor:</strong> Medical University of SC/NIH</td>
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<td><strong>Co-PI:</strong></td>
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<th><strong>Pediatrics</strong></th>
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<tr>
<td><strong>Brown, Daniel</strong></td>
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<tr>
<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>13,069</td>
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<td><strong>Sponsor:</strong> Gilead Sciences, Inc.</td>
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<td><strong>Co-PI:</strong></td>
<td>Brown, III, David</td>
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<tr>
<th><strong>Ferrante, Richard</strong></th>
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<tr>
<td>Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant - 18140-FJ22</td>
<td>50,000</td>
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<td><strong>Sponsor:</strong> SC Department of Social Services/HHS</td>
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<td><strong>Co-PI:</strong></td>
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<th><strong>Kotchmar, George</strong></th>
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<td>Outpatient Pediatric AIDS Clinic Services 10-11 - 18140-FL94</td>
<td>157,101</td>
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<td><strong>Sponsor:</strong> SC Department of Health &amp; Human Services/HHS</td>
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<th><strong>Neuberg, Ronnie</strong></th>
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<td>Merck &amp; Co., Inc. Protocol No. 134-00: A Multi-center, Open-label, 5-Part Study to Evaluate the Pharmacokinetics, Safety, and Tolerability of Aprepitant and Fosaprepitant Dimeglumine in Pediatric Patients Receiving Emotogenic Chemotherapy - 18140-JA20</td>
<td>500</td>
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<td><strong>Sponsor:</strong> Merck &amp; Company, Inc.</td>
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<td><strong>Co-PI:</strong></td>
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Pharmacology, Physiology & Neuroscience
Fisher, Janet
Effects of Potential Anti-Convulsant Compounds on Recombinant GABAA Receptor Function - 18080-JA12
Sponsor: Neuro Therapeutics Pharma, Inc.
Co-PI:

Wilson, Steven
Master Agreement for Laboratory Services - 18080-JA14
Sponsor: Vertex Pharmaceuticals
Co-PI:

Nursing, College of Nursing
Hewlett, Peggy
Leave No Qualified Nursing Student Behind - 11200-FJ20
Sponsor: Health Resources & Services Administration (HRSA)/HHS
Co-PI:

Pharmacy, SC College of Pharmacy
Clinical Pharmacy and Outcome Sciences
Ball, Sarah
Academic Detailing for the CHIPRA Quality Demonstration Grant (QTIP Project) - 11150-FL03
Sponsor: SC Department of Health & Human Services/HHS
Co-PI:

Palmetto Poison Center
Michels, Jill
SC DHEC Environmental Public Health Tracking Project - 11140-FL13
Sponsor: SC Department of Health & Environmental Control (DHEC)/CDC
Co-PI:

Pharmaceutical and Biomedical Sciences
DiPiro, Joseph
Medical Education/Medicaid Enhanced Teaching - 22000-FL03
Sponsor: Greenville Hospital System/HHS
Co-PI:
Provost, Office of the Provost, Office of the
Curtis, Christine

ADVANCE IT-Catalyst Advancing USC STEM Faculty - 61000-FA02 185,946

Sponsor: National Science Foundation (NSF)
Co-PI: Barker, Drucilla  Baxter, Sarah  Ghoshroy, Kajal  Johnson, Ann

Public Health, Arnold School of

Center for Health Services & Policy Research
Leith, Katherine

2nd Continuation Project: Chronic Disease Self-Management for Older Adults - 11580-FA48 10,000

Sponsor: SC Lieutenant Governor's Office on Aging/HHS
Co-PI:

Environmental Health Sciences
Newman, Lee

Plant Uptake and Interaction with Nanoparticles - 11510-FB25 74,879

Sponsor: National Science Foundation (NSF)
Co-PI: Sabo-Attwood, Tara

Sabo-Attwood, Tara

Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment - 11510-FB33 69,804

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

Epidemiology & Biostatistics
Cai, Bo

Robust Nonparametric Methods with Variable Selection for Clustered Dental Data - 11520-FB04 62,550

Sponsor: Medical University of SC (MUSC)/NIH
Co-PI:
Hebert, James

Expanding Mentoring Capacity in High-Risk Populations - 22080-FA31  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:**

Partnership with NCCCP and the Community Network Program Institutions to Increase Screening in Racial/Ethnic Minority and Underserved and Other Underserved Population - 22080-FA32  
**Sponsor:** SAIC-Frederick, Inc./NCI/NIH  
**Co-PI:**

McKeown, Robert

Longitudinal Follow-up of Youth with ADHD Identified in Community Settings (CLIN0002) - 11520-FA98  
**Sponsor:** Centers for Disease Control (CDC)/HHS  
**Co-PI:**

GA: Kelly Johnson - 11520-GP57  
**Sponsor:** SC Department of Health & Environmental Control (DHEC)  
**Co-PI:**

GA: Alecia Alianell - 11520-GP58  
**Sponsor:** SC Department of Health & Environmental Control (DHEC)  
**Co-PI:**

Svendsen, Erik

Long-Term Lung Health After Exposure to Chlorine Gas - 11520-FB05  
**Sponsor:** National Institute of Environmental Health Sciences (NIEHS)/NIH  
**Co-PI:** Karmaus, Wilfried  
**Co-PI:** Cai, Bo  
**Co-PI:** Wilson, Sacoby

Williams, Edith

Intervention to Reduce Psychosocial and Biological Indicators of Stress in African American Lupus Patients - 11520-JA06  
**Sponsor:** Pfizer  
**Co-PI:**

Zhang, Jiajia

Development and Evaluation of Accelerated Hazards Mixture Cure Model - 11520-FA93  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:**
**Exercise Science**  
Durstine, J. Larry

**GA:** Thomas Ryan Cheek - 11530-JP15

**Sponsor:** Michelin North America

**Co-PI:**

Fritz, Stacy

**Examining Differences in Outcomes for Intensive Mobility Training Compared to Locomotor Training in Chronic Stroke** - 11530-KA32

**Sponsor:** American Heart Association

**Co-PI:** McClenaghan, Bruce  Gaines, Kenneth

Trilk, Jennifer

**Physical Activity and Nonalcoholic Fatty Liver Disease in US Adolescents** - 11530-FJ00

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

**Co-PI:** Pate, Russ  Blair, Steven  Bottai, Matteo
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<th>Health Promotion, Education &amp; Behavior</th>
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<td><strong>Cassady, Ann</strong></td>
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<td><strong>GA</strong>: Kelly Kavanaugh - 11540-HP23</td>
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<td><strong>Sponsor</strong>: Lexington County Recreation &amp; Aging Commission</td>
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<td><strong>Co-PI</strong>: Watkins, Ken</td>
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<tr>
<td><strong>Amount</strong>: 1,800</td>
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| **GA**: Lauren Angelo - 11540-KP31     |
| **Sponsor**: SC Campaign to Prevent Teen Pregnancy |
| **Co-PI**: Watkins, Ken                 |
| **Amount**: 1,800                       |

| **GA**: Elizabeth Benfield - 11540-KP32 |
| **Sponsor**: SC Campaign to Prevent Teen Pregnancy |
| **Co-PI**: Watkins, Ken                 |
| **Amount**: 1,800                       |

| **GA**: Anna Walton - 11540-KP33       |
| **Sponsor**: South Carolina Hispanic/Latino Health Coalition |
| **Co-PI**: Watkins, Ken                 |
| **Amount**: 4,646                       |

| **GA**: Amy Mattison Faye - 11540-KP34 |
| **Sponsor**: SC Campaign to Prevent Teen Pregnancy |
| **Co-PI**: Watkins, Ken                 |
| **Amount**: 7,500                       |

| **GA**: Sarah Moran - 11540-KP35       |
| **Sponsor**: SC Campaign to Prevent Teen Pregnancy |
| **Co-PI**: Watkins, Ken                 |
| **Amount**: 1,800                       |

| **GA**: Elana Navon - 11540-LP48       |
| **Sponsor**: Center for Community Health Partnerships |
| **Co-PI**: Watkins, Ken                 |
| **Amount**: 1,214                       |

| Smithwick-Leone, Julie                 |
| **Greenville Hospital System Office of Philanthropy and Partnerships Proposal - Perinatal Awareness for Successful Outcomes - 11540-KJ01** |
| **Sponsor**: Greenville Hospital System Office of Philanthropy and Partnerships |
| **Co-PI**:                           |
| **Amount**: 14,500                    |

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<tr>
<td><strong>Do, Diem-Phuong (Phoenix)</strong></td>
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<td><strong>Casual Estimates of Neighborhood Poverty on Health and Mortality - 11550-FA21</strong></td>
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<td><strong>Sponsor</strong>: National Institutes of Health (NIH)</td>
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<td><strong>Co-PI</strong>:</td>
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Sponsored Awards Management (SAM)
August, 2010   New Awards

Xirasagar, Sudha
GA: Sunshine Cobb - 11550-JR12  
    Sponsor: Columbia Cardiology  
    Co-PI: 
    Amount: 3,750

GA: Justin Warren - 11550-KP33  
    Sponsor: SC Hospital Association  
    Co-PI: 
    Amount: 4,000

GA: Geof Zar - 11550-LR41  
    Sponsor: Palmetto Health  
    Co-PI: 
    Amount: 4,000

Public Health, Arnold School of - Dean
Smithwick-Leone, Julie
Sisters of Charity Funding for Puentes Project - 11500-KJ08  
    Sponsor: Sisters of Charity Foundation of South Carolina  
    Co-PI: 
    Amount: 50,000

Revenue Account for 11500-KL06 - The Puentes (Bridges) Project: Reproductive Health and Latinos in South Carolina (Stage Two Proposal) - 11500-LL00  
    Sponsor: Robert Wood Johnson Foundation  
    Co-PI: Billings, Deborah  
    Amount: 21,250

Research & Graduate Education, Vice President
Families in Society, Institute for
Baxter, Suzanne
Children's Dietary Recalls: Prompts, Retention Interval, and Accuracy - 10010-FA50  
    Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH  
    Co-PI: 
    Amount: 673,972

Research, Vice President for - (General)
Moskowitz, Jay
Go Grant: An Open Source Research Permissions Management System for South Carolina - 22000-FA08  
    Sponsor: National Library of Medicine (NLM)/NIH  
    Co-PI: 
    Amount: 2,004,583
### Social Work, College of

**Ward, James**

- **GA:** Jennifer Covington - 15900-JP39  
  - **Sponsor:** Research Associates  
  - **Co-PI:**  
  - **Funding:** $5,026

- **GA:** Priscilla Brooks - 15900-KR69  
  - **Sponsor:** Hospice Cleveland County  
  - **Co-PI:**  
  - **Funding:** $2,426

- **GA:** Melanie Mosberg - 15900-KR70  
  - **Sponsor:** Christian Family Services  
  - **Co-PI:**  
  - **Funding:** $2,425

- **GA:** Kaylen Leishman - 15900-KR71  
  - **Sponsor:** Family Alternatives  
  - **Co-PI:**  
  - **Funding:** $2,426

- **GA:** Danashia Walker - 15900-KR72  
  - **Sponsor:** Charlotte Mecklenburg Senior Centers  
  - **Co-PI:**  
  - **Funding:** $2,400

- **GA:** Kimberly Millington-Joseph - 15900-KR73  
  - **Sponsor:** Central Apostolic Faith Mission  
  - **Co-PI:**  
  - **Funding:** $2,426

### USC Aiken

**Allen, Gloria**

- **S2MART Centers SC Innovation Partnership - 17110-GL43**  
  - **Sponsor:** SC Coalition for Mathematics and Science(SCCMS)/SCDE  
  - **Co-PI:**  
  - **Funding:** $157,838
Harmon, Sarah
Wetland Biotic Ligand Model Toxicity Study and Organic Carbon Characterization (June - November 2010) - 17110-FA32
Sponsor: University of Georgia/ Savannah River Ecology Laboratory/DOE
Co-PI:

Senn, Gary
Center of Excellence in Middle-level, Interdisciplinary Strategies for Teaching (CE-MIST) - 17110-GA04
Sponsor: SC Commission on Higher Education (SCCHE)
Co-PI: McMurtrie, Deborah Coleman, Bridget Lintner, Timothy MacPhee, Deborah

Aiken County Public School System/Science Center Affiliation - 17110-H403
Sponsor: Aiken County School System
Co-PI:

USC Beaufort
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

USC Lancaster
USC Lancaster
Bailey, Thelahia
Student Support Services (SSS) - GRANT-IN-AID - 17550-FL22
Sponsor: US Department of Education (USDE)
Co-PI:

USC Salkehatchie
USC Salkehatchie
Banner, Carolyn
Student Support Services 2010-2015 - 17660-FL28
Sponsor: US Department of Education (USDE)
Co-PI:
McClure, Cynthia

*Leave No Qualified Nursing Student Behind - 17660-FJ01*

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

**Co-PI:**

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**USC Sumter**

**USC Sumter**

Rosdail, Lisa

*Student Support Services - 17440-FL13*

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

**Co-PI:**

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**USC Upstate**

**USC Upstate**

Hope, Deryle

*Spartanburg Scholars Academy - 17880-FJ18*

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

**Co-PI:** Love, Charles

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Merriweather, Helen

*ACHIEVE 2010-11 - 17880-FJ27*

**Sponsor:** Upstate Workforce Investment Board(WIB)/DOL

**Co-PI:**

**ACHIEVE 2010-11 (Administrative Account) - 17880-FJ29**

**Sponsor:** Upstate Workforce Investment Board(WIB)/DOL

**Co-PI:**

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Minsky, Ina

*Student Support Services 2010-15 - 17880-FL78*

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

**Co-PI:**

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Williams, George

*NEH Digital Humanities Start Up: BrailleSC.org - 17880-FL79*

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

**Co-PI:**
Report Total: $26,749,757