Sponsored Awards Management (SAM)
December, 2009  New Awards

**Arts and Sciences, College of**

*Archaeology & Anthropology, SC Institute of*

**Brooks, Mark**

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

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

**Baruch Institute**

**Greenfield, Dianne**

*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*  

**Sponsor:** SC Sea Grant Consortium(SCSGC)/CDC  
**Co-PI:**

**Biological Sciences**

**Mousseau, Timothy**

*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:**

**Tufford, Daniel**

*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:**

**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
Sponsored Awards Management (SAM)
December, 2009  New Awards

Environment, School of the
Coull, Bruce
SC Lowcountry Humans and Nature Program  -  10060-KL00  20,000
  
  Sponsor: Donnelley Family Trusts
  Co-PI:

South Carolina Lowcountry Initiative of the Center for Humans and Nature
Supplemental Funding  -  10060-KL04  57,120
  
  Sponsor: Center for Humans and Nature
  Co-PI:

Geography
Ellis, Jean
Aiding Mobile Bay, AL Conservation and Restoration with Landsat Data from 1974-present  -  13540-FA75  110,978
  
  Sponsor: National Aeronautics and Space Administration (NASA)
  Co-PI:

Jakubs, John
GA: Susan Dunham  -  13540-GP25  9,472
  
  Sponsor: SC Military Department, Office of the Adjutant General
  Co-PI:

James, L.
Establishing NHD/WBD Stewardship Program and Developing a Protocol for Creating Local Resolution NHD Data for South Carolina  -  13540-FA74  25,000
  
  Sponsor: U.S. Geological Survey/DOI
  Co-PI: Hodgson, Michael

Geological Sciences
Moore, Willard
Collaborative Research: GEOTRACES Atlantic Section: Trace Element Sources and Sinks Elucidated by Short-Lived Radium and Thorium Isotopes  -  13040-FB72  80,501
  
  Sponsor: National Science Foundation (NSF)
  Co-PI:

History
Lekan, Thomas
National Humanities Center  -  13550-KA24  35,000
  
  Sponsor: National Humanities Center
  Co-PI:
Weyeneth, Robert
   GA: Elizabeth Almlie - 13550-GP73
   Sponsor: SC Department of Archives & History
   Co-PI:
   GA: Anjuli Grantham - 13550-GP74
   Sponsor: SC Department of Archives & History
   Co-PI:
   GA: Justin McIntyre - 13550-GP75
   Sponsor: SC Department of Archives & History
   Co-PI:

Mathematics
Devore, Ronald
   Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain - 13060-FA35
   Sponsor: US Army Research Office (ARO)
   Co-PI: Sharpley, Robert  Binev, Peter

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

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

Psychology
Smith, Bradley
   South Carolina Education Oversight Committee Literacy Champions Award - 13580-KL01
   Sponsor: SC Education Oversight Committee/Central Carolina Community Foundation
   Co-PI:
Public Service & Policy Research, Institute for Oldendick, Robert

Two-Year Old Immunization Coverage Study - 21100-FL32

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

Co-PI:

Hospice Data Collection, Processing, Analysis and Reporting - 21100-KL18

Sponsor: Carolinas Center for Hospice and End of Life Care

Co-PI:

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

The Economic Impact of Boeing on South Carolina - 21200-JA19

Sponsor: The Boeing Company

Co-PI:

Small Business Development Center Lenti, John

SBDC Renewal for Current Recipient Organizations - CY 2010 (State Director's Office) - 21250-FL44

Sponsor: US Small Business Administration

Co-PI:

SBDC Renewal for Current Recipient Organizations - CY 2010 (USC) - 21250-FL45

Sponsor: US Small Business Administration

Co-PI:

Procurement Technical Assistance Program for Business Firms (State Director's Office) - 21250-FL46

Sponsor: Defense Logistics Agency/DOD

Co-PI:

Procurement Technical Assistance Program for Business Firms (USC) - 21250-FL47

Sponsor: Defense Logistics Agency/DOD

Co-PI:
Education, College of

Educational Studies, Department of
Brown, William
Preparation of Early Childhood Special Education (ECSE) Personnel in South Carolina - 15240-FJ10
Sponsor: US Department of Education (USDE)
Co-PI: Lopez-DeFede, Ana   Knopf, Herman

Instruction & Teacher Education
James, Ellen
PASS Writing Workshops - 15250-GL31
Sponsor: SC Department of Education
Co-PI:

Office of Program Evaluation
Dickenson, Tammiee
Proposal for Evaluation of the OAASIS Project - 15290-FL09
Sponsor: SC Department of Education/USDE
Co-PI:

Engineering & Computing, College of

Chemical Engineering
Pastides, Harris
The South East Alliance for Graduate Education and the Professoriate (SEAGEP) - 15510-FA65
Sponsor: University of Florida/NSF
Co-PI: Amiridis, Michael

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:
Van Zee, John

**Topic:** 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

64,000

St-Pierre, Jean

**Co-PI:** Various Sponsors

35,000

Amiridis, Michael

**Sponsor:** Various Sponsors

35,000

White, Ralph

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

25,000

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

125,000

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

**Co-PI:** Amiridis, Michael

Civil & Environmental Engineering

Yoon, Yeomin

**Study on Seawater Desalination Guidelines** - 15520-LA04

483

**Sponsor:** The Ministry of Land, Transport, and Maritime Affairs in Korea/Kookmin University

**Co-PI:**

Computer Science & Engineering

Bakos, Jason

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

29,250

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

**Co-PI:**
### Electrical Engineering

**Dougal, Roger**

*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  
**Amount:** 66,000

*Infusion of a Gaming Paradigm into Computer-Aided Engineering Design Tools* - 15530-FA66  
**Sponsor:** Office of Naval Research (ONR)  
**Co-PI:** Tang, Jijun  
**Amount:** 183,000

*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  
**Amount:** 411,049

**Khan, Asif**

*Indium Based III-Nitride Semiconductor Devices* - 15530-FA98  
**Sponsor:** Northrup Grummun Corp/DOD  
**Co-PI:**  
**Amount:** 626,098

### Mechanical Engineering

**Bayoumi, Abdel**

*U.S. Army Conditioned Based Maintenance Program: Aircraft Components Testing FY 10 (CLIN 0007)* - 15540-FB44  
**Sponsor:** SC National Guard/DOD  
**Co-PI:**  
**Amount:** 250,000

*U.S. Army Conditioned Based Maintenance Program: Aircraft Components Testing FY 10 (CLIN 0008)* - 15540-FB45  
**Sponsor:** SC National Guard/DOD  
**Co-PI:**  
**Amount:** 250,000

**Khan, Jamil**

*Professional Development Opportunity Fellowship Program* - 15540-FA97  
**Sponsor:** Sandia National Laboratories/DOE  
**Co-PI:**  
**Amount:** 31,340
Reynolds, Anthony  
*Friction Extrusion Die Geometry Optimization* - 15540-FB43  
**Sponsor:** National Institute of Aerospace/NASA  
**Co-PI:**  
64,473

*FSP I/UCRC Operation Account* - 15540-JA21  
**Sponsor:** Various Sponsors  
**Co-PI:**  
43,750

**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  
**Sponsor:** SC State University/NSF  
**Co-PI:**  
197,289

*State Matching funds for SCAMP FY10 (15580-FA04)* - 15580-GA18  
**Sponsor:** SC State University  
**Co-PI:**  
33,906

**Enrollment Management**

**TRIO Programs**  
Beasley, Paul  
*Upward Bound Program* - 21710-FL34  
**Sponsor:** US Department of Education (USDE)  
**Co-PI:**  
488,392

**Law, School of**

**Children's Law Center**  
Leclair, Thomas  
*Student Clinical Practice and Training Project* - 15800-FL32  
**Sponsor:** U.S. Department of Justice (DOJ)  
**Co-PI:** Wilcox, Robert  
100,000

**Morris, Carolyn**  
*Community Programs: Implementing the Reduction of DMC* - 15810-FJ06  
**Sponsor:** S.C. Department of Public Safety/DOJ  
**Co-PI:**  
163,646
Mass Communications & Information Studies, College of Journalism & Mass Communications, School of

Covington, Randy

BGTime - 15600-KJ05

Sponsor: Central Carolina Community Foundation/The Knight Foundation

Co-PI:

Medicine, School of Internal Medicine

Albrecht, Helmut

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:

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

Lin, Tu

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
Sponsored Awards Management (SAM)
December, 2009  New Awards

**Neuropsychiatry**

**Leech, Linda**

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 (DMH)/SC Commission for the Blind/SC Vocational Rehabilitation

Co-PI:

**Pediatrics**

**Ferrante, Richard**

*Training in Early Childhood Solutions*  -  18140-FJ20

*Sponsor:* SC First Steps to School Readiness/USDE

Co-PI:

**Neuberg, Ronnie**

*A Compassionate Use Open-Label Study of Anti IL-5 (Mepolizumab) Treatment in Subjects with Hypereosinophilic Syndrome MHE104317*  -  18140-JA18

*Sponsor:* GlaxoSmithKline

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:
**Pharmacology, Physiology & Neuroscience**

Wilson, Steven

*Role of ASIC3 in the Etiology of Fibromyalgia* - 18080-FA11  
**Sponsor:** University of Iowa/NIH  
**Co-PI:**

---

**Pharmacy, SC College of**  
**Clinical Pharmacy and Outcome Sciences**

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:**

---

**Pharmaceutical and Biomedical Sciences**

Wyatt, Michael

*Folate Status, Genomic Uracil, and the Balance of Base Excision Repair Activity* - 11110-FA39  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:**

---

**Public Health, Arnold School of**  
**Epidemiology & Biostatistics**

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

---

Hebert, James

*SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN)* - 11570-FA88  
**Sponsor:** National Center for Chronic Disease Prev and Health Promotion/(CDC)  
**Co-PI:**
<table>
<thead>
<tr>
<th>Name</th>
<th>Sponsor</th>
<th>Award Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Svendsen, Erik</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/HHS</td>
<td>11520-FA88</td>
<td>70,000</td>
</tr>
<tr>
<td>Blair, Steven</td>
<td>The Coca-Cola Company</td>
<td>11530-JA05</td>
<td>104,800</td>
</tr>
<tr>
<td>McClenaghan, Bruce</td>
<td>Palmetto Health Richland</td>
<td>11530-LL00</td>
<td>73,320</td>
</tr>
<tr>
<td>Cassady, Ann</td>
<td>Lexington County Recreation &amp; Aging Commission</td>
<td>11540-HP22</td>
<td>2,200</td>
</tr>
<tr>
<td>Watkins, Ken</td>
<td>BlueCross BlueShield of SC</td>
<td>11540-JP36</td>
<td>3,221</td>
</tr>
<tr>
<td>Watkins, Ken</td>
<td>SC Campaign to Prevent Teen Pregnancy</td>
<td>11540-KP27</td>
<td>1,500</td>
</tr>
</tbody>
</table>
Sponsored Awards Management (SAM)
December, 2009  New Awards

Health Services Policy and Management
Xirasagar, Sudha

GA: Megan Elliott  -  11550-LR27
Sponsor: Palmetto Health Medical Education
Co-PI:

GA: Mary Jones  -  11550-LR28
Sponsor: Palmetto Health
Co-PI:

GA: Geoff Zar  -  11550-LR29
Sponsor: Palmetto Health Ambulatory Services
Co-PI:

Public Health, Arnold School of - Dean
Richter, Jane

Excellence in Innovative Public Health Preparedness Solutions (sub-award contract with DHEC Region 7)  -  11500-FL21
Sponsor: SC Department of Health & Environmental Control (DHEC)/CDC
Co-PI:

Research & Graduate Education, Vice President

Families in Society, Institute for
Luckey, Irene

SC Center for Fathers & Families TANF Task Order  -  10010-FA46
Sponsor: SC Center for Fathers and Families/SCDSS/HHS
Co-PI:

Social Work, College of

Social Work, College of
Ward, James

GA: Rebecca Jester  -  15900-KR59
Sponsor: Interfaith Hospitality Network of Augusta
Co-PI:
Student Affairs, Division of

Student Health
Harring, Holly

South Carolina Tobacco Collaborative Community Partnership Grant - 71000-KL08 5,502

Sponsor: South Carolina Tobacco Collaborative
Co-PI:

University Technology Services

University Technology Services
Hogue, William
An ESCoR Desktop to Teragrid EcoSystem: Integrating Campus-based with National Cyberinfrastructure in a Flat World - 65200-FA00 192,800

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

USC Aiken

USC Aiken
Allen, Gloria

S2MART Regional Centers - 17110-GL41 310,728

Sponsor: South Carolina Department of Education
Co-PI:

Tuten, Jane

Proposal for Continuation of Contract for DOE-SR Public Reading Room at the University of South Carolina Aiken - 17110-FL38 47,419

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

USC Lancaster

USC Lancaster
Bailey, Thelathia

Upward Bound - 17550-FL20 249,940

Sponsor: US Department of Education (USDE)
Co-PI: Bailey, Thelathia
Sponsored Awards Management (SAM)

December, 2009   New Awards

USC Sumter

USC Sumter
Kunka, Andrew
Tournees Festival Grant 2010 - 17440-KL02  1,800
Sponsor: French-American Cultural Exchange (FACE Council)
Co-PI:

USC Upstate

USC Upstate
Dowell, Marsha
Healthy Living Initiative - 17880-KL16  35,688
Sponsor: Carolina Piedmont Foundation and ReGenesis Community Health Center
Co-PI:

Love, Charles
Upward Bound 2007-08 - 17880-FL71  210,501
Sponsor: US Department of Education (USDE)
Co-PI: Ward, Gloria

The College of Educational Enrichment - 17880-KL10  7,133
Sponsor: Carolina Piedmont Foundation/Charles Lea Center
Co-PI:

Turner, Jack
Watershed Ecology Center Education Program - 17880-KL00  20,000
Sponsor: Carolina Piedmont Foundation
Co-PI:

Report Total: $8,566,494