Arts and Sciences, College of

**Baruch Institute**

Allen, Wendy

*North Inlet-Winyah Bay National Estuarine Research Reserve* - 21600-FB36  
**Sponsor:** NOAA Estuarine Reserves Division/DOC  
**Co-PI:**  

Morris, James

*The South Carolina Ecological Observatory Network Planning* - 21600-GA07  
**Sponsor:** SC EPSCoR  
**Co-PI:**

Porter, Dwayne

*An Assessment of Stormwater Best Management Practices for Coastal South Carolina: The Oak Terrace Preserver Monitoring Project* - 21600-FB37  
**Sponsor:** SC Sea Grant Consortium/NOAA  
**Co-PI:** Hayes, Lisa  
Lewitus, Alan  
Pollack, Jeffrey

**Biological Sciences**

Bowman, Lewis

*Small RNAs in Rice and Maize* - 13010-FA87  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:**

Dixon, Dan

*COBRE: Project 4* - 13130-FA17  
**Sponsor:** National Center for Research Resources (NCRR)/NIH  
**Co-PI:**

Ely, Berten

*REU Site: Undergraduate Research in Integrative Evolutionary Biology* - 13010-FA89  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Hughes, Austin

Felder, Michael

*Development of Peromyscus Genomics* - 13010-FA72  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**
Helmuth, Brian

Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels - 13010-FB18

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

**Co-PI:** Wethey, David  Hilbish, Thomas  Lakshmi, Venkataraman

---

Mousseau, Timothy

Postdoctoral Academic Career Development Scholar - Kenney-Hunt - 13010-FB24

**Sponsor:** SC EPSCoR/IDeA/NSF

---

Pena, Maria

COBRE: Animal Core - 13130-FA12

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

---

Pinckney, James

Determining the Potential for Algal Bloom in Lake Maurepas: Effects of Changing Nutrient Load from Freshwater Diversion and Changes in Human Population - 13010-FB25

**Sponsor:** Southeastern Louisiana University/EPA

---

Reisman, David

Research and Evaluation for LifeBlood Medical, Inc. - 13010-JA04

**Sponsor:** LifeBlood Medical, Inc

---

Richardson, Tammi

Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC - 21600-FB33

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

---

Waldman, Alan

Thymineless Stress, DNA Repair and Recombination - 13010-FA80

**Sponsor:** National Cancer Institute (NCI)/NIH
**Chemistry & Biochemistry**

**Angel, S.**

**CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Bacterial Chemical Communication.**  -  13020-FA95  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Ferry, John  
Ferguson, P.  
86,888

**Dawson, John**

**Reactivity of Transient Cyt P450 Oxygen Intermediates**  -  13020-FB10  
**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH  
**Co-PI:**  
273,328

**Ferguson, P.**

**Editing: Journal of Inorganic Biochemistry**  -  13020-J400  
**Sponsor:** Elsevier Science, Inc.  
**Co-PI:**  
5,916

**Ferry, John**

**CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Bacterial Chemical Communication.**  -  13020-FA97  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Angel, S.  
Ferry, John  
85,184

**Ferry, John**

**CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Bacterial Chemical Communication.**  -  13020-FA96  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:** Angel, S.  
Ferguson, P.  
85,110

**Murphy, Catherine**

**Journal of Physical Chemistry Editorship**  -  13020-KL00  
**Sponsor:** American Chemical Society  
**Co-PI:**  
3,177

**Myrick, Michael**

**Ometric Research Services**  -  22040-JA00  
**Sponsor:** Ometric Corporation  
**Co-PI:**  
10,000
### Sponsored Awards Management (SAM)
#### June, 2007  New Awards

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Co-PI</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rassolov, Vitaly</td>
<td><em>Semiclassical Dynamics and Description of Interference and Nonadiabatic Effects in Mixed Representation</em> - 13020-FA92</td>
<td>National Science Foundation (NSF)</td>
<td></td>
<td>100,000</td>
</tr>
<tr>
<td>Thompson, Paul</td>
<td><em>Haloacetamidine based inactivators of Protein Arginine Deiminase 4</em> - (Supplement for Tanesha Osborne) - 13020-FB23</td>
<td>National Institute of General Medical Sciences (NIGMS)/NIH</td>
<td></td>
<td>53,265</td>
</tr>
<tr>
<td>Wang, Qian</td>
<td><em>MURI: Bio-Directed Hierarchical Assembly of Multifundtional Materials</em> - 13020-FA68</td>
<td>University of Massachusetts/ARO</td>
<td></td>
<td>112,702</td>
</tr>
<tr>
<td>Wuthier, Roy</td>
<td><em>Role of Matrix Vesicles in Calcification</em> - 13020-FA35</td>
<td>National Institute of Arthritis &amp; Musculoskeletal &amp; Skin Diseases (NIAMS)/NIH</td>
<td></td>
<td>20,000</td>
</tr>
<tr>
<td>zur Loye, Hans-Conrad</td>
<td><em>Collaborative Research: Preparation of New Organic/Inorganic Hybrid Materials: A Multi-Disciplinary Approach to Integrate Research and Undergraduate Education</em> - 13020-FB24</td>
<td>National Science Foundation (NSF)</td>
<td></td>
<td>195,000</td>
</tr>
<tr>
<td><strong>COBRE: Center for Colon Cancer Research</strong></td>
<td><strong>Berger, Franklin</strong></td>
<td><strong>COBRE: Administrative Core</strong> - 13130-FA11</td>
<td></td>
<td>20,000</td>
</tr>
</tbody>
</table>

**COBRE: Center for Colon Cancer Research**

**Berger, Franklin**

COBRE: Administrative Core - 13130-FA11
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
**Criminology & Criminal Justice, Department of**  
Smith, Michael  
*Violent Crime Assessment in the Cities of Charleston and North Charleston*  -  12200-HL00  

**Sponsor:** City of Charleston and City of North Charleston  
**Co-PI:** Rojek, Jeffrey  
45,482

**Environment, School of the**  
Barnes, Phil  
*Environmental Management System Sustainability and Resource Conservation at the Naval Hospital Beaufort and its Clinics*  -  10060-FL09  

**Sponsor:** Naval Hospital Beaufort/DOD  
**Co-PI:**  
8,000

**Geography**  
Mitchell, Jerry  
*South Carolina Geographic Alliance, 2007-2008*  -  13540-GJ10  

**Sponsor:** SC General Assembly  
**Co-PI:**  
246,000

**Geological Sciences**  
Kellogg, James  
*Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences*  -  13040-J400  

**Sponsor:** Elsevier Science, Ltd.  
**Co-PI:**  
5,200

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

**Sponsor:** ExxonMobil Equatorial Guinea, Inc.  
**Co-PI:** Knapp, James  
125,000

**Knapp, James**  
*Collaborative Research: Discrete vs. Continuous Continental Deformation and the Role of the Lower Crust in the Tien Shan*  -  13040-FA55  

**Sponsor:** National Science Foundation (NSF)  
**Co-PI:**  
83,295
Lakshmi, Venkataraman

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

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels - 13040-FB36

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

Thunell, Robert

Collaborative Research: The Cariaco Basin Oceanographic Time Series Program - 13040-FA58

Sponsor: National Science Foundation (NSF)

Co-PI:

White, Scott

Collaborative Research: Anatomy of an Overlapping Spreading Center; Geochemical and Geological Study of the EPR 9°03’N OSC - 13040-FB25

Sponsor: National Science Foundation (NSF)

Co-PI:

Wilson, Alicia

An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamics - 21600-FB32

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI: Morris, James

History

Doyle, Don

Secession: Authors Workshop - 21900-KA01

Sponsor: Watson-Brown Foundation

Co-PI: Smith, Gordon
### Sponsored Awards Management (SAM)

**June, 2007  New Awards**

<table>
<thead>
<tr>
<th>Project Details</th>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
</table>
| Weyeneth, Robert  
GA: Alisha Cromwell  -  13550-GP54 | SC Department of Archives & History | 5,000 |
| GA: Carrie Giauque  -  13550-GP55 | SC Department of Parks, Recreation & Tourism | 11,100 |
| GA: Lindsay Crawford  -  13550-GP56 | SC Department of Parks, Recreation & Tourism | 5,550 |
| GA: Halie Nowell  -  13550-KP25 | Columbia Museum of Art | 9,072 |
| GA: Jan Levinson  -  13550-KP26 | Historic Columbia Foundation | 11,000 |

#### Linguistics Program

Holt, D.E.

<table>
<thead>
<tr>
<th>Project Details</th>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA: Nikki Leigh Anderson  -  12070-GP03</td>
<td>SC Department of Education</td>
<td>3,973</td>
</tr>
</tbody>
</table>

#### Mathematics

DeVore, Ronald

<table>
<thead>
<tr>
<th>Project Details</th>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capturing Sparsity In High Dimensional Data  -  13060-FA36</td>
<td>DEPSCoR/Office of Naval Research (ONR)</td>
<td>371,264</td>
</tr>
<tr>
<td>Highly Effective Representations for Surface and Solid Spherical Studies  -  13060-FA39</td>
<td>National Science Foundation (NSF)</td>
<td>23,000</td>
</tr>
</tbody>
</table>
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: Berube, David  Johnson, Ann  Bueno, Otavio  Tourney, Chris

Physics & Astronomy
Blanpied, Gary
Mathematics and Science Partnership - 13070-FJ03
Sponsor: SC Department of Education/USDE
Co-PI:

Johnson, Joseph
Continued Maintenance and Enhancement of IVIS - 13070-FA73
Sponsor: SC Department of Public Safety/DOJ
Co-PI:

Myhrer, Fred
Theoretical Studies of Hadronic and Nuclear Dynamics - 13070-FA55
Sponsor: National Science Foundation (NSF)
Co-PI: Kubodera, Kuniharu

Rosenfeld, Carl
Experimental Particle Physics - 13070-F117
Sponsor: US Department of Energy (DOE)
Co-PI: Purohit, Milind

Psychology
Booze, Rosemarie
South Carolina EPSCoR/IDeA Program Postdoctoral Academic Career Development (PACD) Program - 13580-FA58
Sponsor: SC EPSCoR/IDeA/NSF
Co-PI:

Brown, Martha
GA: Jennifer Duffy - 13580-KP11
Sponsor: SC Campaign to Prevent Teen Pregnancy
Co-PI:
<table>
<thead>
<tr>
<th>Grants Successful in April 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Griffin, Eugena</td>
</tr>
<tr>
<td><strong>Racial Stress Coping Scale</strong> - 13580-FA23</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> National Institute of General Medical Sciences (NIGMS)/NIH</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 10,386</td>
</tr>
<tr>
<td>Harrod, Steven</td>
</tr>
<tr>
<td><strong>Prenatal IV nicotine: Long-term Vulnerability to Stimulant Drugs</strong> - 13580-FA59</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> National Institute on Drug Abuse (NIDA)/NIH</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 252,000</td>
</tr>
<tr>
<td>Smith, Bradley</td>
</tr>
<tr>
<td><strong>Challenging Horizons Summer Program for Youth in School District Five of Richland and Lexington Counties (2007)</strong> - 13580-HL02</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> School District Five of Lexinton and Richland Counties</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 17,381</td>
</tr>
<tr>
<td>Vendemia, Jennifer</td>
</tr>
<tr>
<td><strong>Brain Imaging Research: The Detection of Deception Utilizing HD-ERP, fMRI, and Pupillometry</strong> - 13580-FA38</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> US Army Research Medical Command/DOD</td>
</tr>
<tr>
<td><strong>Co-PI:</strong> Schillaci, Michael</td>
</tr>
<tr>
<td><strong>Grant:</strong> 1,172,000</td>
</tr>
<tr>
<td>Wilson, Dawn</td>
</tr>
<tr>
<td><strong>Self-Determination for Increasing Physical Activity</strong> - 13580-FA34</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> National Institute of Child Health &amp; Human Development (NICHD)/NIH</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 567,616</td>
</tr>
<tr>
<td>Public Service &amp; Policy Research, Institute for</td>
</tr>
<tr>
<td>Oldendick, Robert</td>
</tr>
<tr>
<td><strong>South Carolina Adult Tobacco Survey</strong> - 21100-FL22</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> SC Department of Health &amp; Environmental Control (DHEC)/CDC</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 182,000</td>
</tr>
<tr>
<td>Conduct Mail and Telephone Surveys for the South Carolina Health Alert Network - 21100-FL23</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> SC Department of Health &amp; Environmental Control (DHEC)/CDC</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 15,000</td>
</tr>
<tr>
<td>Citizen/Internal Services Surveys - 21100-HL03</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> City of Columbia</td>
</tr>
<tr>
<td><strong>Co-PI:</strong></td>
</tr>
<tr>
<td><strong>Grant:</strong> 19,188</td>
</tr>
</tbody>
</table>
Statistics
Nelson, Kerrie

Modeling Inter-Rater Agreement Using Mixed Models
- 13080-FA18

Sponsor: National Cancer Institute (NCI)/NIH
Co-PI: Edwards, Donald

Pena, Edsel

COBRE: Biometry Core - 13130-FA13

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

Business, Moore School of

Small Business Development Center
Lenti, John

SBDC 2007 - State Director’s Office - 21250-FL34

Sponsor: US Small Business Administration (SBA)
Co-PI:
Education, College of

Education Leadership & Policies
Chaddock, Katherine
GA: Katherine DiSimoni - 15230-LP15  300
  Sponsor: Coker College
  Co-PI:

GA: Johanna Easley - 15230-LP16  12,200
  Sponsor: Columbia College
  Co-PI:

GA: Kelly Prather - 15230-LP17  12,500
  Sponsor: Columbia College
  Co-PI:

GA: Sabrena O'Keefe - 15230-LP18  12,500
  Sponsor: Columbia College
  Co-PI:

GA: Erin Payseur - 15230-LP19  12,500
  Sponsor: Columbia College
  Co-PI:

GA: Cameron Hill - 15230-LP20  12,200
  Sponsor: Columbia College
  Co-PI:

Lindsay, Sandra
Professional Development in Leadership for New and Aspiring and Seasoned/Experienced Administrators - 15230-HL07  10,000
  Sponsor: Georgetown County School District
  Co-PI:

Georgetown County School District: Professional Development Project - Assistant Principals - 15230-HL08  5,000
  Sponsor: Georgetown County School District
  Co-PI:
### Sponsored Awards Management (SAM)

#### June, 2007   New Awards

<table>
<thead>
<tr>
<th><strong>Instruction &amp; Teacher Education</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Donnelly, Amy</td>
<td></td>
</tr>
<tr>
<td>SC Reading First Summer 2007</td>
<td>15250-FJ21</td>
</tr>
<tr>
<td><strong>Sponsor:</strong> SC Department of Education/USDE</td>
<td>6,600</td>
</tr>
<tr>
<td><strong>Co-PI:</strong> Stephens, Diane</td>
<td></td>
</tr>
</tbody>
</table>

| Freeman, Nancy                     |          |
| South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network | 15250-FJ22 |
| **Sponsor:** SC Department of Social Services/HHS | 12,500   |
| **Co-PI:**                          |          |

| **Office of Program Evaluation**   |          |
| Fisher, Steven                     |          |
| Continuation for the State Improvement Grant Evaluation | 15290-FA04 |
| **Sponsor:** SC Department of Education/USDE | 10,000   |
| **Co-PI:**                          |          |

| Proposal: Analysis of the 2007 Survey Responses for the South Carolina Reading Initiative | 15290-GL25 |
| **Sponsor:** SC Department of Education | 10,000    |
| **Co-PI:**                          |          |

| **Physical Education**             |          |
| Mensch, James                      |          |
| Certified Athletic Trainer -- Forward Program | 15210-FA00 |
| **Sponsor:** Fort Jackson/DOD      | 25,000   |
| **Co-PI:**                          |          |

| GA: TBA                           | 15210-HP10 |
| **Sponsor:** Newberry County School District | 57,000    |
| **Co-PI:**                          |          |

| GA: TBA                           | 15210-HP11 |
| **Sponsor:** Ben Lippen School    | 18,000    |
| **Co-PI:**                          |          |

| **School Improvement Council Assistance** |          |
| Norman, Jean                         |          |
| SC School Improvement Council        | 15280-GL07 |
| **Sponsor:** SC General Assembly     | 50,000    |
| **Co-PI:**                          |          |
Sponsored Awards Management (SAM)
June, 2007   New Awards

Engineering & Computing, College of

Chemical Engineering
Davis, Thomas
  Fuel Cell Bus for University of South Carolina Campus - 15510-FB11  127,212
    Sponsor: Center for Transportation and the Environment (CTE)/DOT
    Co-PI:
  Matthews, Michael
    INBRE (Year 3) - Engineering - 15510-FB12  161,944
    Sponsor: National Center for Research Resources (NCRR)/NIH
    Co-PI: Pirisi-Creek, Lucia

Civil & Environmental Engineering
Cetin, Mecit
  2007 Eisenhower Graduate Fellowship for Gurcan Comert (Travel Money) - 15520-FA51  1,500
    Sponsor: Federal Highway Administration/DOT
    Co-PI:
  Goodall, Jonathan
    GeoInformatics: CUAHSI Hydrologic Information Systems - 15520-FA53  49,660
    Sponsor: Univ of Texas at Austin/NSF
    Co-PI:
  Haselbach, Liv
    Concrete and CO2 Sequestering: How much? How Fast? - 15520-FA52  60,000
    Sponsor: National Science Foundation (NSF)
    Co-PI:
  Imran, Jasim
    Numerical Modeling of Turbidity Current in Sinuous Submarine Channels - 15520-JA06  151,889
    Sponsor: Shell International Exploration & Production
    Co-PI:
Sponsored Awards Management (SAM)
June, 2007   New Awards

**Computer Science & Engineering**
Farkas, Csilla
CAREER: Semantic Web-Interoperation versus Security - 15590-FA16 67,785

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

Huhns, Michael

*Sponsor:* F. Thomas Abstract, Inc.
*Co-PI:*

Matthews, Manton
GA: Rahaul Deshpande and Chaitanya Evani - 15590-JP42 10,600

*Sponsor:* US Computing, Inc.
*Co-PI:*

Tang, Jijun
CRI: CRD Acquisition of a High-Performance Shared-Memory Computer for Biological and Medical Research in South Carolina - 15590-FQ01 461,065

*Sponsor:* National Science Foundation (NSF)
*Co-PI: Rose, John   Valafar, Homayoun   Wang, Song*

**Mechanical Engineering**
Reynolds, Anthony
Collaborative Research for a Friction Stir Processing I/UCRC - 15540-FA48 125,000

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

Effects of Defects Study in FSW of 7075-T6 Sheet and Proof of Concept for FSW of 304 Stainless Steel Sheet - 15540-JA35 30,014

*Sponsor:* Lockheed-Martin
*Co-PI:*

Voglewede, Philip
Cooper Power Tools Gear Manufacturing Study - 15540-JA36 63,347

*Sponsor:* Cooper Power Tools
*Co-PI:*

Page 14
Hospitality, Retail & Sport Management, College of

*Hospitality, Retail & Sport Management - (Dean)*

Jordan, Donald

SC Academy of Science - 13000-GL00 70,000

**Sponsor:** SC Academy of Science  
**Co-PI:**

---

**Hotel, Restaurant & Tourism Administration**

Harrill, Richard

A Membership Survey for the Greater Columbia Chamber of Commerce - 14050-KA01 3,500

**Sponsor:** Greater Columbia Chamber of Commerce  
**Co-PI:**

---

**Law, School of**

*Law, School of*

Morris, Carolyn

Department of Juvenile Justice - Juvenile Detention Project - 15810-GL01 50,000

**Sponsor:** SC Department of Juvenile Justice  
**Co-PI:**

IOLTA - Services for Lawyers and Guardians ad Litem - 15810-KL01 133,627

**Sponsor:** SC Bar Foundation, Inc.  
**Co-PI:**

---

**Medicine, School of**

*Cell & Developmental Biology & Anatomy*

Baudino, Troy

COBRE: Project 1 - 13130-FA19 5,000

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

Borg, Thomas

INBRE (Year 3) - School of Medicine - 18020-FA46 122,589

**Sponsor:** National Center for Research Resources (NCRR)/NIH  
**Co-PI:**
<table>
<thead>
<tr>
<th>Name</th>
<th>Co-PI</th>
<th>Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hrushesky, William</td>
<td>Wood, Patricia</td>
<td>National Center for Research Resources (NCRR)/NIH</td>
<td>5,000</td>
</tr>
<tr>
<td>Janicki, Joseph</td>
<td>Brower, Gregory</td>
<td>National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
<td>343,715</td>
</tr>
<tr>
<td>Brower, Gregory</td>
<td></td>
<td>Philip Morris USA, Inc.</td>
<td>43,200</td>
</tr>
<tr>
<td>Price, Robert</td>
<td></td>
<td>National Center for Research Resources (NCRR)/NIH</td>
<td>5,000</td>
</tr>
<tr>
<td>Keisler, David</td>
<td></td>
<td>Medical University of South Carolina (MUSC)</td>
<td>10,000</td>
</tr>
<tr>
<td>McDermott, Suzanne</td>
<td></td>
<td>Centers for Disease Control (CDC)/HHS</td>
<td>20,000</td>
</tr>
<tr>
<td>Meriwether, Rebecca</td>
<td></td>
<td>Tulane University/CDC</td>
<td>13,562</td>
</tr>
</tbody>
</table>
Internal Medicine

Ahuja, Divya
South Carolina HIV/AIDS Clinical Training Center - 18190-FJ04 230,000
Sponsor: Emory University/HRSA/HHS
Co-PI:

Albrecht, Helmut
Ryan White HIV/AIDS Treatment Modernization Act (Base Funds) - 18190-FL44 500,000
Sponsor: SC Department of Health & Environmental Control (DHEC) - STD HIV Division/HRSA
Co-PI: Raley, Nancy

Ryan White HIV/AIDS Treatment Modernization Act (Emerging Communities) - 18190-FL45 95,466
Sponsor: SC Department of Health & Environmental Control (DHEC) - STD HIV Division/HRSA
Co-PI: Raley, Nancy

HOPWA Case Management for HIV/AIDS Clients - 18190-FL48 331,252
Sponsor: City of Columbia/HUD
Co-PI: Parker, R David

An Open-label, Multicenter Trial to Compare the Efficacy, Safety, and Tolerability of PREZISTA by Gender and Race when Administered in Combination With an Individually Optimized Background Regimen Over a 48 Week Treatment Period (Tibotec Therapeutics Clin) 4,500
Sponsor: Tibotec Therapeutics Clinical Affairs
Co-PI:

Duffus, Wayne
Abbot RealTime CT/NG Specimen Collection 14,235
Protocol No.: 9JT-02-04S03-01 - 18190-JA31
Sponsor: Abbott Molecular, Inc.
Co-PI:

Lin, Tu
Eli Lilly B7A-MC-MBBR LY333531 Treatment of Peripheral Neuropathy in Patients with Diabetes-Phase 3 Pivotal Clinical Trial - 18190-JA08 6,279
Sponsor: Quintiles, Inc.
Co-PI:
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:**

**Parker, R David**

**HOPWA/HUD Case Management Services for Homeless Persons with HIV/AIDS and Disabilities** - 18190-FL49

**Sponsor:** The Healing Properties, Inc./HOPWA/HUD
**Co-PI:** Albrecht, Helmut

**Rizvi, Ali**

**A Prospective, Open-Label, Observational Study Evaluating SYMLIN (pramlintide acetate) Injection Use in Insulin-Using Patients With Type 2 and Type 1 Diabetes Following SYMLIN Introduction Into the Marketplace** - 18190-JA30

**Sponsor:** Amylin Pharmaceuticals, Inc.
**Co-PI:**

**Medical Sciences, School of - (Dean)**

**Fowler, Stanley**

**Center of Research Excellence/Undergraduate Program** - 18360-KJ03

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

**Neuropsychiatry**

**Hwang, Te-Long**

**PRoFESS-Prevention Regimen for Effectively Avoiding Second Stroke** - 18120-JA01

**Sponsor:** Boehringer Ingelheim Pharmaceuticals, Inc.
**Co-PI:**

**Narasimhan, Meera**

**A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Aripiprazole as Adjunctive Therapy in the Treatment of Patients with Major Depressive Disorder** - 18120-JA04

**Sponsor:** Bristol-Myers Squibb Pharmaceutical Research Institute
**Co-PI:**

**Obstetrics & Gynecology**

**Burgis, Judith**

**Family Planning and STI Education for Teen Clinic Patients and their Partners** - 18110-KL00

**Sponsor:** March of Dimes SC Chapter
**Co-PI:**
Pathology & Microbiology
Buckhaults, Phillip

COBRE: Project 3 - 13130-FA18 5,000
  Sponsor: National Center for Research Resources (NCRR)/NIH
  Co-PI:

Gene Mutation Profiling to Predict Breast Cancer Recurrence - 18060-KA10 517,000
  Sponsor: SC Cancer Center (SCCC)/Palmetto Health Foundation
  Co-PI:

Creek, Kim

EXPORT - Year 3 - Research Core - 18300-FA09 251,691
  Sponsor: National Center on Minority Health & Health Disparities (NCMHD)/NIH
  Co-PI:

Mayer, Eugene

Further Development of Curcumin, Muscadine, Quercetin and Caffeine as Natural Food Additives to Delay Fatigue and Enhance Physical Stamina and Mental Alertness - 18060-FA29 78,810
  Sponsor: Clemson University/SCRA/DOD
  Co-PI:

Pirisi-Creek, Lucia

INBRE (Year 3) - Administrative Core - 22050-FA10 715,182
  Sponsor: National Center for Research Resources (NCRR)/NIH
  Co-PI: Rose, John Hughes, Austin Carver, Wayne

Wargovich, Michael

Nitric Oxide as a Target for Dietary Intervention in Colitis - 18060-FA26 172,353
  Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH
  Co-PI:

Pediatrics
Derrick, C.

South Carolina Institute for Childhood Obesity and Related Disorders - 18140-KL02 217,826
  Sponsor: The Duke Endowment
  Co-PI:
### Sponsored Awards Management (SAM)

**June, 2007   New Awards**

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Sponsor</th>
<th>Co-PI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ferrante, Richard</strong></td>
<td><strong>South Carolina Assitive Technology Program - 18140-FL59</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> Rehabilitation Services Administration/USDE</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Project:</strong> 1,658,216</td>
<td><strong>Training and Certification for Attendant Care Services - 18140-FL63</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> SC Department of Health &amp; Human Services/HHS</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Co-PI:</strong> 490,000</td>
<td><strong>South Carolina University Center for Excellence in Developmental Disabilities - 18140-FL64</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> Administration on Developmental Disabilities, Administration on Children and Families (FAA)/HHS</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Co-PI:</strong> 669,365</td>
<td><strong>Training Programs and Technical Assistance for Staff - 18140-GL24</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> SC Department of Disabilities &amp; Special Needs (SDDSN)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Co-PI:</strong> 9,000</td>
<td><strong>Neuberg, Ronnie</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Children's Oncology Group/National Childhood Cancer Foundation - 18140-FA06</strong></td>
<td>National Childhood Cancer Foundation (NCCF)/NCI/NIH</td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> 445</td>
<td><strong>Schwartz, I. David</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tercica Protocol MS301: Recombinant Human Insulin-Like Growth Factor-1 (rhlGF-1)</strong> Treatment of Prepubertal Children with Growth Failure Associated with Primary IGF-1 Deficiency: A Phase 3, Randomized, Open-Label, Observation-Controlled, Multicenter, Parallel</td>
<td>Tercica, Inc.</td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> 2,373</td>
<td><strong>Pharmacology, Physiology &amp; Neuroscience</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Fisher, Janet</strong></td>
<td><strong>Structural Determinants of GABA-A Receptor Function - 18080-FA04</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sponsor:</strong> National Institute of Neurological Disorders &amp; Stroke (NINDS)/NIH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Sponsored Awards Management (SAM)
June, 2007   New Awards

McDonald, Alexander
Synaptic Organization of the Basolateral Amygdala  -  18080-FA01  300,815
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH
Co-PI:

Sweitzer, Sarah
Development of Protein Kinase C Inhibitors as Novel Analgesics - 18080-JA04  103,600
Sponsor: KAI Pharmaceuticals, Inc.
Co-PI:

Research & Special Projects

Howe, Duncan
Marlboro County First Steps Partnership Board Contract - 18360-GL07  10,000
Sponsor: Marlboro County First Steps Partnership
Co-PI:

Surgery

Morrison, James
Linezolid in the Treatment of Subjects with Complicated Skin and Soft Tissue Infections Proven to be Due to a Methicillin-Resistant Staphylococcus Aureus - 18200-JA06  418
Sponsor: Covance Periapproval Services/Pfizer Pharmaceuticals Group
Co-PI: Bynoe, Raymond   Bell, Richard McMurtry   Nottingham, James

Nursing, College of

Nursing

Zager, Lydia
"Post Certificate, Defining and Refining the Cs of Leadership" Development for the Southeast Region of the Veterans Administrative Hospital  -  11200-FJ06  2,500
Sponsor: Veterans Administration/VA
Co-PI:

Pharmacy, SC College of

Basic Pharmaceutical Sciences

Hofseth, Lorne
COBRE: Project 2  -  13130-FA16  5,000
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI:
Wyatt, Michael  
*Thymineless Stress, DNA Repair and Recombination* - 11110-FA16  
**Sponsor:** National Cancer Institute (NCI)/NIH  
**Co-PI:**

**Public Health, Arnold School of Communication Sciences & Disorders**

Frank, Elaine  
*Project Speech-Language Pathologist - Recruitment and Retention in Schools Cohort A* - 11560-FJ06  
**Sponsor:** SC Department of Education/USDE  
**Co-PI:**

*Project Speech-Language Pathologist - Recruitment and Retention in Schools - Cohort B* - 11560-FJ07  
**Sponsor:** SC Department of Education/USDE  
**Co-PI:**

Healy, Eric  
*Spectro-temporal Processing of Speech by Normal and Impaired Listeners* - 11560-FA06  
**Sponsor:** National Institute on Deafness & Other Communication Disorders (NIDCD)/NIH  
**Co-PI:** Montgomery, Allen

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

**Environmental Health Sciences**

Decho, Alan  
*CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Bacterial Chemical Communication* - 11510-FA92  
**Sponsor:** National Science Foundation (NSF)  
**Co-PI:**
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Sponsor</th>
<th>Co-PI</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feigley, Charles</td>
<td>Support for Environmental Epidemiology Faculty - 11500-FJ07</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/CDC</td>
<td>Richter, Donna</td>
<td>5,000</td>
</tr>
<tr>
<td></td>
<td><strong>Copper Air Quality Program</strong> - 11510-FB15</td>
<td>Advanced Technology Institute/USAMRMC</td>
<td>Khan, Jamil</td>
<td>132,066</td>
</tr>
<tr>
<td></td>
<td><strong>Graduate Education in Industrial Hygiene</strong> - 11510-FJ09</td>
<td>National Institute for Occupational Safety &amp; Health (NIOSH)/CDC</td>
<td>Co-PI:</td>
<td>66,419</td>
</tr>
<tr>
<td></td>
<td><strong>Epidemiology &amp; Biostatistics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colbianchi, Natalie</td>
<td><strong>Defining the Built Environment</strong> - 11520-FA69</td>
<td>National Cancer Institute (NCI)/NIH</td>
<td>Co-PI:</td>
<td>2,155</td>
</tr>
<tr>
<td></td>
<td><strong>Purchase and Provision of Alzheimer's Disease Registry Management and Training and Development Related to Dementia</strong> - 11520-FA75</td>
<td>SC Department of Health &amp; Human Services/HHS</td>
<td>Co-PI:</td>
<td>50,000</td>
</tr>
<tr>
<td></td>
<td><strong>Methods for Improved Diet and Exercise Measurement</strong> - 22080-FA06</td>
<td>Oregon Research Institute/NIH</td>
<td>Hurley, Thomas</td>
<td>59,887</td>
</tr>
<tr>
<td>Hebert, James</td>
<td><strong>Genetic &amp; Epidemiologic Cohort Study on Asthma and Allergy</strong> - 11520-FA57</td>
<td>Michigan State University/NIH</td>
<td>Co-PI:</td>
<td>113,825</td>
</tr>
<tr>
<td></td>
<td><strong>Analysis of Data of the OSSM project at Michigan State University</strong> - 11520-FA76</td>
<td>Michigan State University/CDC</td>
<td>Co-PI:</td>
<td>15,500</td>
</tr>
</tbody>
</table>
Vena, John

*Shifts, Extended Work Hours, and Fatigue: An Assessment of Health and Personal Risks for Police Officers* - 11520-FA68

**Sponsor:** University at Buffalo, SUNY/NIJ/DOJ

**Co-PI:**

**Exercise Science**

Blair, Steven

*LIFE Pilot Study (sub-contract with the University of Florida)* - 11530-FA41

**Sponsor:** University of Florida/NIH

**Co-PI:**

Davis, J. Mark

*Effects of Quercetin Feedings on Susceptibility to Respiratory Infection Following Exercise Stress: Role of Lung Macrophages* - 11530-FA35

**Sponsor:** Defense Advanced Research Projects Agency (DARPA)

**Co-PI:** Murphy, Elizabeth

*Further Development of Curcumin, Muscadine, Quercetin and Caffeine as Natural Food Additives to Delay Fatigue and Enhance Physical Stamina and Mental Alertness* - 11530-FA36

**Sponsor:** Clemson University/SCRA/DOD

**Co-PI:** Mayer, Eugene

Hand, Gregory

*EXPORT - Acupuncture and Oral Immune Function - Project #3.* - 11530-FA43

**Sponsor:** National Center on Minority Health & Health Disparities (NCMHD)/NIH

**Co-PI:**

Pate, Russ

*National Physical Activity and Nutrition Survey of High School Students* - 11530-FA40

**Sponsor:** Macro International, Inc./CDC

**Co-PI:** Dowda, Marsha  Pfeiffer, Karin  Mayer-Davis, Elizabeth  Evans, Alexandra

Williams, Harriet

*Implementing a Matter of Balance Program in Lee County, SC* - 11530-GJ00

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

**Co-PI:**
### Health Promotion, Education & Behavior

**Frongillo, Edward**

Mainstreaming Nutrition in Maternal and Child Health Program - 11540-KA09

**Sponsor:** International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B)

**Co-PI:**

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

**Co-PI:** Wilcox, Sara

### Health Services & Policy Research, Center for

**Dauner, Kimberly**

Evaluation of the South Carolina Medicaid Family Planning Waiver FY 2008 - 11580-FA22

**Sponsor:** SC Department of Health & Human Services/HHS

**Co-PI:**

**Sponsor:** SC Department of Health & Human Services/HHS

**Co-PI:**

**Gillam, Pamela**

SCDHHS Medicaid Eligibility Quality Improvement 2007-2008 Contract - 11580-FA23

**Sponsor:** SC Department of Health & Human Services/HHS

**Co-PI:**

**Simensen, Erik**

Systems Transformation Grant SFY 2008 Evaluation - 11580-FA24

**Sponsor:** Lieutenant Governor's Office on Aging/HHS

**Co-PI:** Leith, Katherine
### Health Services Policy and Management

**Glover, Saundra**

- **Project:** African American Public Health Fellowship and Development Program to Address Health Disparities - 11500-KJ03
  - **Sponsor:** W. K. Kellogg Foundation
  - **Co-PI:**
  - **Funding:** $167,000

- **EXPORT - Year 3 - Administrative Core - 22070-FA04**
  - **Sponsor:** National Center on Minority Health & Health Disparities (NCMHD)/NIH
  - **Co-PI:**
  - **Funding:** $594,893

- **EXPORT - Year 3 - Research, Education and Training Core - 22070-FA06**
  - **Sponsor:** National Center on Minority Health & Health Disparities (NCMHD)/NIH
  - **Co-PI:** Creek, Kim / Hand, Gregory
  - **Funding:** $275,991

**Laditka, Sarah**

- **GA:** Lindsay Brooke Rozovich - 11550-JP75
  - **Sponsor:** Kulbersh Women's Center
  - **Co-PI:**
  - **Funding:** $3,000

**Probst, Janice**

- **GA:** Nathaniel Patterson - 11550-GP29
  - **Sponsor:** SC Department of Health & Environmental Control (DHEC)
  - **Co-PI:**
  - **Funding:** $9,500

### Public Health, Arnold School of - Dean

**Pearson, Joseph**

- **Project:** South Carolina Citizen Awareness and Preparedness Project - 11500-FA06
  - **Sponsor:** SC Law Enforcement Division (SLED)/DHS
  - **Co-PI:** Duhe, Sonya
  - **Funding:** $242,000

### Research & Nutrition & Health Disparities, Center for

**Jones, Sonya**

- **Project:** South Carolina Food Stamp Nutrition Education Demonstration - 11590-GA00
  - **Sponsor:** SC Department of Social Services/USDA
  - **Co-PI:**
  - **Funding:** $10,263
Research & Health Sciences, Vice President

**Families in Society, Institute for**  
Lopez-DeFede, Ana  
*Independent Program Evaluation and Technical Assistance and Consultation Efforts with Medically Complex Medicaid Recipients* - 10010-FA35  
**Sponsor:** SC Department of Health & Human Services/HHS  
**Co-PI:** Mayfield-Smith, Kathy  
3,352,453

**Lucky, Irene**  
*Evaluation and Capacity Building Contract* - 10010-FA34  
**Sponsor:** South Carolina Center for Fathers and Families/ACF/HHS  
76,992

**Fatherhood Project** - 10010-FA36  
**Sponsor:** SC Center for Fathers and Families/HUD  
9,000

**Fatherhood Project - Mary Black and IOLTA** - 10010-KA06  
**Sponsor:** SC Center for Fathers and Families/IOLTA & The Mary Black Foundation  
13,000

**Motes, Patricia**  
*EXPORT - Year 3 - Community Partnerships Outreach Core* - 22070-FA05  
**Sponsor:** National Center on Minority Health & Health Disparities (NCMHD)/NIH  
349,663

Sponsored Awards Management  
Rooney, Lisa  
*Knowledge Management Software Development* - 21000-LA00  
**Sponsor:** SC Launch/SC Research Authority(SCRA)  
200,000
Sponsored Awards Management (SAM)
June, 2007  New Awards

Social Work, College of Social Work, College of
Ward, James
GA: Karen Pelletier  -  15900-HP14
   Sponsor: Mecklenburg County Community Support Services
   Co-PI:

GA: Catherine Henderson  -  15900-JP32
   Sponsor: DataWeb Corporation
   Co-PI:

GA: TBA  -  15900-KR09
   Sponsor: Florence Crittenton Programs of South Carolina
   Co-PI:

GA: Deborah McNeill  -  15900-KR10
   Sponsor: Charlotte Center for Urban Ministry
   Co-PI:

GA: Maggie Tucker  -  15900-KR11
   Sponsor: Trinity Housing Corporation
   Co-PI:

USC Aiken
USC Aiken
Allen, Gloria
Mathematics Science Partnership Initiative  -  17110-FL34
   Sponsor: SC Department of Education/USDE
   Co-PI:

Leverette, Chad
Differentiation of Uranyl Ion Complexes Utilizing Surface-Enhanced Vibrational Spectroscopy  -  17110-FA20
   Sponsor: SCUREF/WSRC/DOE
   Co-PI:
Smith, Garriet  
*Establishment of a Microbial Biofuel Laboratory at the Center for Hydrogen Research,*  
Aiken County, SC - 17110-HA00  
**Sponsor:** Center for Hydrogen Research/The Economic Development Partnership for Aiken and Edgefield Counties  
**Co-PI:**  

Weed, Keri  
*Precursors of Retardation in Children with Teen Mothers* - 17110-F166  
**Sponsor:** University of Notre Dame/NICHD/NIH  
**Co-PI:**

**USC Salkehatchie**

**USC Salkehatchie**  
Carmichael, Ann  
*Distance Learning Technology* - 17660-FL99  
**Sponsor:** Western Carolina Higher Education Commission/Rural Utilities Service/USDA  
**Co-PI:**

**USC Sumter**

**USC Sumter**  
Kunka, Andrew  
*Tournees Festival Grant* - 17440-KL00  
**Sponsor:** French-American Cultural Exchange (FACE) Council  
**Co-PI:**

**USC Upstate**

**USC Upstate**  
McConnell, Thomas  
*National Collegiate Honors Council Portz Grant* - 17880-KJ04  
**Sponsor:** National Collegiate Honors Council  
**Co-PI:**  

Mounce, Amy  
*Teacher Cadet Grant* - 17880-G206  
**Sponsor:** SC Center for Teacher Recruitment  
**Co-PI:**
<table>
<thead>
<tr>
<th>Name</th>
<th>Project Title</th>
<th>Sponsor</th>
<th>Co-PI</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pae, Holly</td>
<td>Project CREATE 2006-07 - 17880-FJ16</td>
<td>SC Department of Education/USDE</td>
<td></td>
<td>17,053</td>
</tr>
<tr>
<td>Rogers, Susan</td>
<td>ACHIEVE Program 2007-2008 - 17880-FJ17</td>
<td>Workforce Investment Board/DOL</td>
<td></td>
<td>5,000</td>
</tr>
<tr>
<td>Turner, Jack</td>
<td>Microbial Study - 17880-L101</td>
<td>Milliken &amp; Company</td>
<td></td>
<td>150</td>
</tr>
</tbody>
</table>

Report Total: $26,648,152