Arts and Sciences, College of

**Anthropology**

Buxhoeveden, Daniel

*Science and the Orthodox Church* - 13590-KA15

**Sponsor:** Virginia H Farah Foundation

**Co-PI:**

---

**Archaeology & Anthropology, SC Institute of**

Barnes, Jodi

*The Archaeology of the Recent African American Past* - 21300-FJ01

**Sponsor:** SC Humanities Council/NEH

**Co-PI:**

---

Smith, Steven

*Development of a Historic Context For 19th and 20th Century Farmsteads, Camp Atterbury JMTC* - 21300-FA53

**Sponsor:** US Army Construction Engineering Research Laboratory (CERL)/DOD

**Co-PI:**

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**Biological Sciences**

Benner, Ronald


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

**Co-PI:**

---

Mousseau, Timothy

*SC Graduate Steps to STEM* - 13010-FJ00

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

**Co-PI:** Benner, Ronald Torres, Raymond Vogt, Richard Tedeschi, David

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Smith, Deanna

*Examining the Role of the Lissencephaly Protein, Lis1, in Dynein-Based Transport* - 13010-FB33

**Sponsor:** National Institute of Neurological Disorders & Stroke (NINDS)/NIH

**Co-PI:**
Chemistry & Biochemistry

Benicewicz, Brian

New Technology Development for Next Generation High Temperature Polybenzimidazole FC Membranes - 13020-JA17

Sponsor: BASF Fuel Cell, Inc.
Co-PI:

Berg, Mark

Condensed-Phase Dynamics Resolved by Multidimensional Population Spectroscopy - 13020-FB51

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

Chen, Donna

Oxide-supported Bimetallic Au-Pt Clusters as Catalysts for Epoxidation and Oxidation Reactions - 13020-FB61

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

Dawson, John

Editing: Journal of Inorganic Biochemistry - 13020-J400

Sponsor: Elsevier Science, Inc.
Co-PI:

Lavigne, John

Acquisition of a Modulated Differential Scanning Calorimeter - 13020-FQ02

Sponsor: SC EPSCoR/NSF
Co-PI: Wang, Qian zur Loye, Hans-Conrad Shimizu, Linda Reger, Daniel

Murphy, Catherine

Journal of Physical Chemistry Editorship - 13020-KL00

Sponsor: American Chemical Society
Co-PI:

Wang, Qian

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

Sponsor: National Science Foundation (NSF)
Co-PI:
Criminology & Criminal Justice, Department of
Fagan, Abigail
*The Community Youth Development Study: A Test of Communities that Care* - 12200-FA11

**Sponsor:** Univ of Washington/NIH
**Co-PI:**

Geography
Jakubs, John
GA: Susan Dunham
- 13540-GP23

**Sponsor:** SC Military Dept, Office of the Adjutant General
**Co-PI:**

Mathematics
Wang, Qi
*MSPA-MSC: Data-driven Parallelization of Time in Molecular Dynamics Simulations* - 13060-FA57

**Sponsor:** Florida State University/NSF
**Co-PI:**

*Experimental Program to Stimulate Competitive Research & Institutional Development (RII) (State Match for 13060-FA55) - 13060-GA10*

**Sponsor:** SC EPSCoR/IDEA
**Co-PI:**

McKissick Museum
Shaiman, Jason
*The Life and Times of Congressman Robert Smalls* - 34000-FA11

**Sponsor:** The Humanities Council SC/NEH
**Co-PI:**

Philosophy
Khushf, George
*Center for Bioethics* - 21100-KA07

**Sponsor:** USC School of Medicine Educational Trust
**Co-PI:**

Psychology
Baylis, Gordon
*CDMRP TBI/PTSD Study Site* - 13580-FA68

**Sponsor:** SCRA/UC San Diego/CDMRP/DOD
**Co-PI:** Baylis, Leslie
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<th>Name</th>
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<tr>
<td>Booze, Rosemarie</td>
<td>2009 SC EPSCoR/IDeA Travel - 22000-GA16</td>
<td>SC Research Authority (SCRA)/SC EPSCoR</td>
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<td>Prinz, Ron</td>
<td>Parent Opinions Survey - 13580-KA56</td>
<td>Annie E. Casey Foundation</td>
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<td>Parent Opinions Survey - 13580-KA57</td>
<td>Casey Family Programs</td>
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<td>Public Service &amp; Policy Research, Institute for</td>
<td>Behavioral Risk Factor Surveillance Survey - 21100-FA21</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/CDC</td>
<td>309,917</td>
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<td>Oldendick, Robert</td>
<td>Addressing Parental Smoking by Changing Pediatric Office Systems - 21100-FL28</td>
<td>Massachusetts General Hospital/NIH</td>
<td>25,987</td>
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<td>Statistics</td>
<td>Grego, John</td>
<td>SC Department of Education/USDE</td>
<td>11,000</td>
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<td>Item Analysis of PACT for TRIAAD Project - 13080-FA28</td>
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### Business, Moore School of

**Small Business Development Center**

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<th>Name</th>
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<td>Lenti, John</td>
<td>Procurement Technical Assistance Program for Business Firms - USC - 21250-FL42</td>
<td>Defense Logistics Agency/DOD</td>
<td>3,473</td>
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<td>Procurement Technical Assistance Program for Business Firms - State Director's Office - 21250-FL43</td>
<td>Defense Logistics Agency/DOD</td>
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### Education, College of

**Office of Program Evaluation**

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<td>Fisher, Steven</td>
<td>Evaluation of the TRIAAD Project - 15290-FL12</td>
<td>SC State Department of Education/USDE</td>
<td>87,527</td>
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### Engineering & Computing, College of

**Chemical Engineering**

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<td>Amiridis, Michael</td>
<td>Proposal to Boeing Access to Education-Scholarship - 15500-JJ00</td>
<td>The Boeing Company</td>
<td>7,500</td>
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<td>Synthesis and Characterization of Supported Metal Catalysts for Automotive Applications - 15510-JA44</td>
<td>Toyota Technical Center, USA, Inc.</td>
<td>163,799</td>
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<td>Local Support for Installation of a Hydrogen Fueling Station in Columbia - 15510-FB33</td>
<td>Center for Transportation and the Environment/SCRA/HUD</td>
<td>10,441</td>
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<td>Davis, Thomas</td>
<td>Local Support for Installation of a Hydrogen Fueling Station in Columbia - 15510-FB33</td>
<td>Center for Transportation and the Environment/SCRA/HUD</td>
<td>10,441</td>
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**Co-PI:**

- Williams, Christopher
- Haselbach, Liv
### Ploehn, Harry

**Experimental Program to Stimulate Competitive Research & Instiutional Development (RII) (State Match for 15510-FB43) - 15510-GA15**

- **Sponsor:** SC EPSCoR/IDEA
- **Co-PI:**

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<th>Amount</th>
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### Popov, Branko

**State Matching Funds - Development of Advanced Unitized Regenerative Fuel Cell - 15510-GA14**

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

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### Van Zee, John

**I/UCRC Fuel Cell Center - Operating Account - 15510-JA11**

- **Sponsor:** Various Sponsors
- **Co-PI:** Amiridis, Michael

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### Williams, Christopher

**Testing of CO2-Amine Interactions - 15510-JA74**

- **Sponsor:** ALSTOM Power Inc.
- **Co-PI:**

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### Civil & Environmental Engineering

**Huyhn, Nathan**

**Truck Drayage Practices - 15520-FA66**

- **Sponsor:** The Tioga Group Inc. /National Academy of Sciences/DOT
- **Co-PI:**

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### Computer Science & Engineering

**Huhns, Michael**

**Scalability of Service-Oriented Applications - 15590-FA49**

- **Sponsor:** U.S. Navy OPNAV/DOD
- **Co-PI:**

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<th>Amount</th>
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### Quan, Gang

**CAREER: Power Aware Scheduling for Real-Time Embedded Systems - 15590-FA31**

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

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## Sponsored Awards Management (SAM)
**January, 2009  New Awards**

### Electrical Engineering
**Dougal, Roger**

**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

- **Solid State Current Limiter: Simulations Studies for Design Requirements - 15530-FA82**

- **Sponsor:** Arkansas Power Electronics International, Inc./DOD

- **Koley, Goutam**

**CAREER: InN Nanowire Based Multifunctional Nanocantilever Sensors - 15530-FA83**

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

### Mechanical Engineering
**Chen, Fanglin**

**Development of Unitized Regenerative Solid Oxide Fuel Cell Technology to Support NASA’s Planetary Exploration Missions - 15540-FJ04**

- **Sponsor:** South Carolina Space Grant Consortium/NASA

- **Reifsnider, Kenneth**

**PM - Predictive Methods for Large-Scale Progressive Damage in Structural Composites for Aircraft Applications - 15540-FA85**

- **Sponsor:** Air Force Office of Scientific Research (AFOSR)/DOD

- **Reynolds, Anthony**

**Investigation of Factors Leading to Abnormal Grain Growth during Post-Weld Solution Heat Treatment of Alloy 2195 Friction Stir Welds - 15540-FB15**

- **Sponsor:** National Institute of Aerospace/NASA

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

- **Sponsor:** Various Sponsors
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 227,867
Sponsor: SC State University/NSF
Co-PI:

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

Regan, Tom
NASCAR Research: Farm Bureau Insurance Study - 14030-JA01 21,500
Sponsor: SC Farm Bureau Insurance Companies
Co-PI:

Medicine, School of Cell & Developmental Biology & Anatomy

Baudino, Troy
Defining the Role of Myc in Cardiac Development and Disease - 18020-KA20 77,000
Sponsor: American Heart Association (AHA)
Co-PI:

Family & Preventive Medicine

McDermott, Suzanne
Data Management and Biostatistics - 18130-GL16 15,000
Sponsor: SC Department of Disabilities & Special Needs
Co-PI:

Internal Medicine

Ahuja, Divya
South Carolina HIV/AIDS Clinical Training Center - 18190-FJ06 50,000
Sponsor: Emory University/HRSA/HHS
Co-PI:

Albrecht, Helmut
Merck & Co., Inc. MK-0518 Protocol #055-00: A Phase III Open-Lab Single Arm Study to Evaluate the Safety, Tolerability, and Efficacy of MK-0518/Raltegravir in a Diverse Cohort of HIV-Infected Patients - 18190-JA48 2,970
Sponsor: Merck & Company, Inc.
Co-PI:
Raza, Muhammad

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

**Sponsor:** Gilead Sciences, Inc.
**Co-PI:**

A Randomized, Double-Blind, Placebo-Controlled, Phase 2b Study to Assess the Safety and Efficacy Effects of ART-123 on Subjects with Sepsis and Disseminated Intravascular Coagulation - 18190-JA47

**Sponsor:** Artisan Pharma, Inc.
**Co-PI:**

Medicine Library

Anderson, Rozalynd

Linking South Carolina Free Clinics to Quality Health Information - 18280-FL04

**Sponsor:** University of Maryland/National Library of Medicine
**Co-PI:** Riley, Ruth   Livingston, Mary

Neuropsychiatry

Narasimhan, Meera

Risperidone Long-Acting for Alcohol and Schizophrenia Treatment (R-Last) - 18120-JA05

**Sponsor:** Trustees Dartmouth College/Janssen Medical Affairs
**Co-PI:**

Pathology & Microbiology

Ray, Swapan

Proteolytic Control OF Glioblastoma - 18060-FA43

**Sponsor:** National Cancer Institute (NCI)/NIH
**Co-PI:**

Pediatrics

Ferrante, Richard

Autism Spectrum Disorder Collaborative Research Project - 18140-FA13

**Sponsor:** Association of University Centers on Disabilities/CDC
**Co-PI:**
### Pharmacology, Physiology & Neuroscience

**Fisher, Janet**

*Effect of Development on Stiripentol Regulation of GABAA Receptors in Epilepsy* - 18080-JA07  
Sponsor: Biocodex  
Co-PI: Mott, David  
164,000

### Surgery

**Yost, Michael**

*Experimental Program to Stimulate Competitive Research & Institutional Development (RII) (State Match for 18200-FA07) - 18200-GA01*  
Sponsor: SC EPSCoR /IDEA  
Co-PI:  
28,534

### Nursing, College of

**Nursing**

**Cox, Mary**

*SC Office for Healthcare Workforce Analysis and Planning* - 11200-KL02  
Sponsor: Medical University of South Carolina (MUSC)/Duke Endowment  
Co-PI:  
184,611

**Herman, Debbie**

*Nurse Legislators: The Journey to State Capitals* - 11200-KA08  
Sponsor: Sigma Theta Tau, Alpha Xi Chapter  
Co-PI:  
1,000

### Pharmacy, SC College of

**Pharmaceutical & Health Outcomes Sciences**

**Ball, Sarah**

*Medicaid Academic Detailing Program* - 11150-GL00  
Sponsor: SC Department of Health & Human Services  
Co-PI: Voris, John, Bosso, John, DiPiro, Joseph  
1,247,560

**Pharmacy - (Dean)**

**DiPiro, Joseph**

*Editorship of the American Journal of Pharmaceutical Education* - 11100-KL01  
Sponsor: American Association of Colleges of Pharmacy  
Co-PI:  
33,000
Public Health, Arnold School of Communication Sciences & Disorders

Frank, Elaine

Project Speech-Language Pathologist - Recruitment and Retention in Schools (SLP-RRS) Cohort D - Year 1 - 11560-FJ13

Sponsor: SC Department of Education/USDE
Co-PI:

21,680

Epidemiology & Biostatistics

Karmaus, Wilfried

Immune Deficiencies and Infectious and Allergic Manifestations in Children Occurring after the Chernobyl Accident - 11520-FA89

Sponsor: US Civil Research Development Foundation/NSF
Co-PI: Svendsen, Erik

18,000

Svendsen, Erik

Contract Between SCDHEC and USC to Provide Services of an Environmental Epidemiologist - 11520-FA88

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

60,737

Exercise Science

Blair, Steven

Physical Activity and Childhood Obesity (sub-contract) - 11530-FA46

Sponsor: University of Bristol/NIH
Co-PI: Pate, Russ

42,605

Durstine, J. Larry

ACSM Exercise Management for Persons with Chronic Diseases and Disabilities - 11530-KA36

Sponsor: American College of Sports Medicine
Co-PI:

3,000
Health Promotion, Education & Behavior
Cassady, Ann
GA: Leigh Ann Barnes - 11540-HP19
Sponsor: Lexington County Recreation & Aging Commission
Co-PI: Watkins, Ken

GA: Denika Hiter - 11540-JP30
Sponsor: BCBS SC, Clinical Quality Health Management
Co-PI: Watkins, Ken

GA: Reonda Washington - 11540-LP42
Sponsor: Sexual Trauma Services of the Midlands
Co-PI: Watkins, Ken

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:

Valois, Robert
A Multilevel HIV-Prevention Strategy for High-Risk Youth - 11540-FA39
Sponsor: National Institute of Mental Health (NIMH)/NIH
Co-PI: Farber, Naomi

Health Services Policy and Management
Probst, Janice
GA: Kolby Taylor - 11550-KP24
Sponsor: The Baromedical Research Foundation
Co-PI:

GA: Sharonda Williams-Alcide - 11550-LR07
Sponsor: SC Office of Rural Health
Co-PI:

GA: Jacklyn Martin Carter - 11550-LR08
Sponsor: Palmetto Health
Co-PI:
Social Work, College of

Social Work, College of
Flynn, Cynthia

Character Development in South Carolina: Evaluation and Technical Assistance - 15900-FA19

Sponsor: SC Department of Education/USDE
Co-PI:

University Libraries

Thomas Cooper Library
Wilsbacher, Greg

Preserving the Scott Nixon film, "The Augustas" - 30000-FA11

Sponsor: National Film Preservation Foundation (NFPF)/Library of Congress
Co-PI:

USC Aiken

USC Aiken
Tuten, Jane

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

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

USC Lancaster

USC Lancaster
Criswell, Stephen

Teaching Catawba History and Culture Workshop - 17550-KJ00

Sponsor: Charlotte Area Educational Consortium (CAEC)
Co-PI:
USC Salkehatchie

**USC Salkehatchie**

Carmichael, Ann

*Salkehatchie Nursing Program BlueCross/BlueShield of SC - 17660-KL19*  
**Sponsor:** Western Carolina Higher Education Commission/ Blue Cross Blue Shield Fdn of SC  
**Co-PI:**

Rice, Anne

*Salkehatchie Leadership Development - 17660-KL25*  
**Sponsor:** Western Carolina Higher Education Commission/Stranahan Foundation  
**Co-PI:**

USC Upstate

**USC Upstate**

Ericson, Louise

*Center for Student Success Special Projects - 17880-KL15*  
**Sponsor:** Carolina Piedmont Foundation  
**Co-PI:**

Pae, Holly

*Project Create 08-09 - 17880-FJ21*  
**Sponsor:** SC Department of Education/USDE  
**Co-PI:**

Turner, Jack

*Microbial Study - 17880-L101*  
**Sponsor:** Milliken & Company  
**Co-PI:**

van Delden, Sebastian

*The Annual SC Upstate Research Symposium - 17880-GL17*  
**Sponsor:** SC EPSCoR/IDEA  
**Co-PI:**
Sponsored Awards Management (SAM)

January, 2009  New Awards

Report Total:  $7,908,864