Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110 197,500

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

Baruch Institute

Quattro, Joseph

MARFIN: Genetic Evaluation of Population Bottlenecks in GAG (Mycteroperca microlepis) - 21600-FB80 40,948

Sponsor: SC Department of Natural Resources/NOAA
Co-PI:

Smith, Erik

Determining the Role of Stormwater Ponds as Sources of Bioreactive Organic Carbon and Nitrogen to the Coastal Zone - 21600-FB79 16,435

Sponsor: SC Sea Grant Consortium/NOAA
Co-PI: Spicer, Jennifer  Saladin, Nicole

Biological Sciences

Showman, Richard (Rich)

UVA Subaward: Improving STEM Retention through Instruction: Leveraging Faculty Expertise - 15250-FA20 220,248

Sponsor: Univ of Virginia/NSF
Co-PI:

Tufford, Daniel

Lake Wateree Water Quality Data Acquisition and Analysis - Extension - 13010-KA59 13,992

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

Waldman, Alan

RecQ Helicases and Genomic Instability - 13010-FB41 242,352

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Co-PI: Waldman, Barbara
Chemistry & Biochemistry
Dawson, John
Editing: Journal of Inorganic Biochemistry - 13020-J400 2,125
Sponsor: Elsevier Science, Inc.
Co-PI:

zur Loye, Hans-Conrad
Wide Temperature, High Energy Density Capacitors for Power System Conditioning - 13020-FB80 27,500
Sponsor: Luna Innovations/DOD
Co-PI:

Geography
Jakubs, John
Francis Marion and Sumter National Forest GIS Digital Update - 13540-FA51 11,867
Sponsor: US Forest Service/USDA
Co-PI:

Jensen, John
Analysis of Closure Cap Remote Sensing - 13540-FA76 42,677
Sponsor: SCUREF - South Carolina University Research and Education Foundation/DOE
Co-PI:

Kasakoff, Alice
Modeling Spatial and Family Factors in the Transmission of Wealth - 13540-FA71 48,668
Sponsor: Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD)/NIH
Co-PI:

Geological Sciences
Kellogg, James
GEGEO-Technical and Scientific Cooperation Between the National University of Equatorial Guinea and the University of South Carolina - 13040-LA02 44,725
Sponsor: ExxonMobil Equatorial Guinea, Inc.
Co-PI: Thunell, Robert

Owens, Thomas
Operation of the Mid-America Integrated Seismic Network - 2010-2014 - USC - 13040-FL03 82,992
Sponsor: US Geological Survey/DOI
Co-PI:
Thunell, Robert
  **Sediment Trapping Program in the Gulf of Mexico** - 13040-FB75  14,054
  **Sponsor:** US Geological Survey (USGS)/DOI
  **Co-PI:**

**Physics & Astronomy**
Avignone, Frank
  **CUORE: Phase I Construction and Crystal Bolometer Research and Development** - 13070-FA75  456,617
  **Sponsor:** National Science Foundation (NSF)
  **Co-PI:** Creswick, Richard   Rosenfeld, Carl

Johnson, Joseph
  **Support for Continued Development of Software Support for SC Firefighter Mobilization (SEMS)** - 13070-GA19  6,000
  **Sponsor:** SC Department of Labor Licensing and Regulation (SCLLR)
  **Co-PI:**

**Psychology**
Prinz, Ron
  **Parenting and Family Research Center** - 13580-JA00  187,168
  **Sponsor:** Triple P International
  **Co-PI:**

**Business & Finance**

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

**Education, College of**

**Instruction & Teacher Education**
Wilson, Jennifer
  **Norwegian-American Teacher Exchange** - 15250-FL29  2,400
  **Sponsor:** US Department of State
  **Co-PI:**
## Sponsored Awards Management (SAM)

**February, 2010  New Awards**

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<td><strong>OPE Evaluation for the Safe and Drug Free Schools Steps to Respect Program</strong></td>
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<tr>
<td>15290-FA07</td>
<td>Sponsored: Richland County School District 1/USDE</td>
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### Chemical Engineering

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<th>Jabbari, Esmaiel</th>
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<tr>
<td><strong>Biodegradable Scar-Inhibiting Implants for Guided Spinal Cord Regeneration</strong></td>
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<td>15510-GA17</td>
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<td><strong>Scientific Action Network Track II: Dr. Shelly Peyton, NSF RII Faculty Candidate in Chemical Engineering at the University of South Carolina</strong></td>
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<td>15510-FB69</td>
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### Civil & Environmental Engineering

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<td><strong>PIRE: Modeling of Flood Hazards and Geomorphic Impacts of Levee Breach and Dam Failure</strong></td>
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<td><strong>Testing of Connections between Prestressed Concrete Piles and Precast Concrete Bent Caps</strong></td>
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<td>15520-FA77</td>
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<td><strong>Co-PI:</strong></td>
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</table>
Computer Science & Engineering
Eastman, Caroline
REU Site: Multidisciplinary Research in Secure Computing - 15590-FA65 329,364
Sponsor: National Science Foundation (NSF)
Co-PI: Bowles, John

Huang, Chin-Tser
TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic - 15590-FA64 200,000
Sponsor: National Science Foundation (NSF)
Co-PI:

Electrical Engineering
Dougal, Roger
Uncertainty-based, Self-configuring Simulation for Design Support - 15530-FA65 69,899
Sponsor: Office of Naval Research (ONR)
Co-PI:

Khan, Asif
Osram Sylvania AlGaN Development - 15530-JA22 182,000
Sponsor: Osram Sylvania, Inc.
Co-PI:

Mechanical Engineering
Chen, Fanglin
Novel Intermediate Temperature Unitized Regenerative Solid Oxide Cell Technology to Support NASA’s Planetary Exploration Missions - 15540-FB46 16,000
Sponsor: SC Space Grant Consortium/NASA
Co-PI: Reifsnider, Kenneth

Medicine, School of
Cell & Developmental Biology & Anatomy
Morad, Martin
Electrophysiology of Neonatal and Adult Heart - 18020-FA66 335,100
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Cleemann, Lars

Price, Robert
IVIS Spectrum Imaging System for the University of South Carolina (ARRA - S10: Shared Instrumentation Grant Program) - 18020-FQ05 381,491
Sponsor: National Center for Research Resources (NCRR)/NIH
Co-PI: Berger, Franklin   Pena, Maria
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<td>Methods to Detect Maternal Exposures and Child Outcomes - 18130-FA13</td>
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<td><strong>Sponsor:</strong> National Institute of Environmental Health Sciences (NIEHS)/NIH</td>
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<td><strong>Co-PI:</strong> Cai, Bo</td>
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<th><strong>Internal Medicine</strong></th>
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<td>A Randomized, Multicenter, Double-Blind, Group-Sequential Study to Evaluate the Efficacy, Immunogenicity, and Safety of a Single Dose of Merck 0657 Staphylococcus aureus Vaccine (V710) in Adult Patients Scheduled for Cardiothoracic Surgery - 18190-JA52</td>
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<td><strong>Sponsor:</strong> Merck &amp; Company, Inc.</td>
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<td>Building a Sustainable Collaborative Platform for HIV/AIDS Prevention, Comprehensive Care, and Clinical Research in South Carolina - 18190-FA04</td>
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<td><strong>Sponsor:</strong> Medical University of South Carolina (MUSC)/Univ of Miami/NIH</td>
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<td>Donald W. Reynolds Grant (Subrecipient grant: Technical Assistance) - 18190-KL01</td>
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| **Comprehensive Program to Strengthen Physician Training in Geriatrics - 18190-KL05** |
| **Sponsor:** University of Alabama at Birmingham |
| **Co-PI:** |

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

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<td>Housing Case Management for Persons with Disabilities - 18190-FL69</td>
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<td><strong>Sponsor:</strong> The Healing Properties, Inc./HOPWA/HUD</td>
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<td><strong>Co-PI:</strong> Albrecht, Helmut</td>
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**Medicine, School of** - *(Dean)*

Fowler, Stanley

*Sharp Curriculum for Health Promotion* - 18360-KJ06

**Sponsor:** USC Education Foundation  
**Co-PI:** Howe, Duncan

**Neuropsychiatry**

Dwyer, R. Gregg

*Internet Chat Room Solicitation of Children: A Study of Psychosocial and Criminal Justice Factors as They Relate to Public Safety Risk* - 18120-KA02

**Sponsor:** AAPL Institute for Education and Research  
**Co-PI:**

Narasimhan, Meera

*An Open-Label, 8-week Flexible Dose Trial of Escitalopram (Lexapro) in Comorbid Major Depression with Amyotrophic Lateral Sclerosis and Multiple Sclerosis* - 18120-JA10

**Sponsor:** Forest Research Institute  
**Co-PI:**

*High Dose Risperdone Consta for Patients with Schizophrenia with Unsatisfactory Response to Standard Dose Risperidone or Long Acting Injectable* - 18120-JA11

**Sponsor:** Vanderbilt University Medical Center/Ortho-McNeil Janssen Scientific Affairs, LLC  
**Co-PI:**

*A Phase 2, Multicenter, Randomized, Double-blind, Placebo-controlled Study of the Safety and Efficacy of OPC-34712 as Adjunctive Therapy in the Treatment of Patients with Major Depressive Disorder* - 18120-JA13

**Sponsor:** Otsuka Pharmaceutical Development and Commercialization, Inc.  
**Co-PI:**

**Pathology & Microbiology**

Nagarkatti, Prakash

*Estrogen-T cell Interactions* - 18060-FA51

**Sponsor:** National Institute of Environmental Health Sciences (NIEHS)/NIH  
**Co-PI:** Nagarkatti, Mitzi
**Sponsored Awards Management (SAM)**  
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**Pediatrics**

Jackson, Malaka  
*Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes* - 18140-FA14  
**Sponsor:** University of South Florida/NIH  
**Co-PI:**

*(MS 305) Increlex (mecasermin [rDNA origin] injection) Growth Forum Database IGFD Registry: A Patient Registry for Monitoring Long-term Safety and Efficacy of Increlex* - 18140-JA17  
**Sponsor:** Tercica, Inc.  
**Co-PI:** Jackson, Malaka

Neuberg, Ronnie  
*National Childhood Cancer Foundation* - 18140-FA12  
**Sponsor:** National Childhood Cancer Foundation/COG/NIH  
**Co-PI:**

**Research & Special Projects**

Howe, Duncan  
*John T. Stevens Foundation Scholarship - Lora Elizabeth Greene* - 18360-KJ05  
**Sponsor:** John T. Stevens Foundation  
**Co-PI:**

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

**Pharmacy, SC College of**

**Palmetto Poison Center**

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

**Pharmaceutical and Biomedical Sciences**

Petkov, Georgi  
*Identification and Characterization of Potassium Ion Channels as New Therapeutic Targets to Control Overactive Bladder* - 11110-GA01  
**Sponsor:** MUSC - South Carolina Clinical and Translational Research Institute (SCTR)  
**Co-PI:**
**Sponsored Awards Management (SAM)**

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**Provost, Office of the**

*Provost, Office of the*

Spearen, Charlene

**Literary Arts Touring Application - 61000-FJ00**

* Sponsor:  Southern Arts Federation/NEA  
* Co-PI: 

1,792

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**Public Health, Arnold School of**

*Center for Health Services & Policy Research*

Fore, Margaret

**ADRC Expansion Grant 2010 - 11580-FA43**

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

23,750

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Leith, Katherine

**Evaluation of the State Incentive Grants for Treatment of Persons with Co-Occurring Substance Related and Mental Disorders - Year 4 Continuation - 11580-FA40**

* Sponsor:  SC Department of Mental Health/SAMHSA  
* Co-PI:  Kenison, Kelli 

24,442

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**Communication Sciences & Disorders**

Fridriksson, Julius

**A Unified Neuroanatomical Model of Speech Production and Perception: Implications for Apraxia of Speech and Conduction Aphasia - 11560-FA08**

* Sponsor:  National Institute on Deafness & Other Communication Disorders (NIDCD)/NIH  
* Co-PI:  Rorden, Christopher 

303,907

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**Epidemiology & Biostatistics**

Karmaus, Wilfried

**Multiple Modes of Infant Feeding and Trajectories Influencing Infant Health - 11520-FB00**

* Sponsor:  Health Resources & Services Administration (HRSA)/HHS  
* Co-PI:  Zhang, Hongmei 

100,000

**GA: Kelly Johnson - 11520-GP56**

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

7,577
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Liu, Jihong
The Influences of Immigrant Status and Acculturation on Obesity among US Mexican American Children and Adolescents - 11520-FB01 95,490
Sponsor: Health Resources & Services Administration (HRSA)/HHS
Co-PI: Frongillo, Edward Probst, Janice

Exercise Science
Blair, Steven
Additional Analyses in the Aerobics Center Longitudinal Study - 11530-JA04 6,215
Sponsor: The Coca-Cola Company
Co-PI:

Health Promotion, Education & Behavior
Brandt, Heather
Community Navigation for Colorectal Cancer Prevention and Control - 18300-KA32 199,997
Sponsor: The Duke Endowment
Co-PI: Adams, Swann Annang, Lucy Swan, Suzanne

Smithwick-Leone, Julie
A Proposal for Partnership Between the SC Research Foundation/PASOs Program and Palmetto Health: Addendum - 11500-LJ00 25,000
Sponsor: Palmetto Health
Co-PI:

Health Services Policy and Management
Martin, Amy
Healthcare System Profiles for AccessHealth: How Prepared are South Carolina Counties for Meeting the Needs of the Uninsured? - 11550-KL04 75,000
Sponsor: SC Hospital Association/Duke Endowment
Co-PI:
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<td><strong>GA:</strong> Tyler Pruessner - 11550-KP29</td>
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<td><strong>Sponsor:</strong> SC Cancer Alliance</td>
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<td><strong>Co-PI:</strong></td>
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| **GA:** Rachel Hamby - 11550-KP30 | 1,800 |
| **Sponsor:** SC Campaign to Prevent Teen Pregnancy |   |
| **Co-PI:** |   |

| **GA:** Kyle Shah - 11550-LR38 | 1,200 |
| **Sponsor:** Palmetto Health Childrens Hospital |   |
| **Co-PI:** |   |

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<td><strong>NNPHI Organizational Development Grant - 11500-KJ06</strong></td>
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<td><strong>Sponsor:</strong> National Network of Public Health Institues/Robert Wood Johnson Foundation Institutes</td>
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| **Smith, Lillian** |   |
| **Fundamentals in Public Health Program - 11500-KJ05** | 189,400 |
| **Sponsor:** The Duke Endowment |   |
| **Co-PI:** |   |

| **Research in Nutrition & Health Disparities, Center for** |   |
| **Nichols, Michele** |   |
| **Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) - 11590-FA33** | 10,000 |
| **Sponsor:** George Washington University/NIH |   |
| **Co-PI:** |   |

| **Research & Graduate Education, Vice President** |   |
| **Families in Society, Institute for** |   |
| **Forthofer, Melinda** |   |
| **Best Practices for Community Engagement in Health Research - 10010-KA10** | 213,099 |
| **Sponsor:** The Duke Endowment |   |
| **Co-PI:** |   |
Social Work, College of

Flynn, Cynthia
SC Interagency Deaf Blind Project - 15900-FL40
Sponsor: SC School for the Deaf Blind/USDE
Co-PI:

Jones, Johnny
SC Kinship Navigator Program/USC and SC Department of Social Services - 15900-FJ32
Sponsor: SC Department of Social Services/HHS
Co-PI:

Poole, Dennis
Memorandum of Understanding (MOU) between United Way of Greenville County (UWGC) And USC College of Social Work (COSW) - 15900-KL19
Sponsor: United Way of Greenville County (UWGC)
Co-PI:

sinha, sunny
Women in Non-brothel Based Sex Work in Kolkata: Using Cultural Biography to Understand Risk Perceptions - 15900-KA16
Sponsor: Fahs-Beck Fund
Co-PI: Farber, Naomi

Student Affairs, Division of

Harring, Holly
Community Based Farmers Markets Specialty Crops Small Grant Program - 71000-GL00
Sponsor: SC Department of Agriculture
Co-PI:
USC Beaufort

USC Beaufort - Finance & Operations
Parrott, Michael

USC Beaufort Stimulus Funded Projects - 17260-FQ00 82,756

Sponsor: SC Energy Office/DOE
Co-PI:

USC Lancaster

USC Lancaster
Ammons, Robert

GEAR UP - 17550-FL19 80,863

Sponsor: Lancaster County School District/USDE
Co-PI: Bailey, Thelathia

USC Salkehatchie

USC Salkehatchie
Carmichael, Ann

Advancing Innovation Project: The Duke Endowment - 17660-KJ01 105,000

Sponsor: Allendale County Hospital/Duke Endowment
Co-PI:

USC Upstate

USC Upstate
Dowell, Marsha

Utley Nursing Education Endowment - 17880-K121 3,070

Sponsor: Carolina Piedmont Foundation
Co-PI:

Stockwell, John

SC Quality Forum - 17880-JL00 5,000

Sponsor: Carolina Piedmont Foundation/Various Sponsors
Co-PI:
Sponsored Awards Management (SAM)

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Report Total: $6,926,642