Sponsored Awards Management (SAM)
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FY2010 YTD (July - March)

DOE

Arts and Sciences, College of
Knapp, James
Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage - 13040-FB74
Sponsor: US Department of Energy (US DOE/NETL)

Shafer, John
Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage - 24400-FA18
Sponsor: US Department of Energy (US DOE/NETL)

Business & Finance
Stevenson, Charles
Energy Efficiency Funding for Public School Districts, Public Colleges and Universities, and State Agencies - 50040-FQ00
Sponsor: SC Energy Office/DOE

USC Aiken
Jara, Michael
USCA Federal Energy Improvement Projects - 17110-FQ01
Sponsor: SC Energy Office/DOE

USC Beaufort
Parrott, Michael
USC Beaufort Stimulus Funded Projects - 17260-FQ00
Sponsor: SC Energy Office/DOE

USC Lancaster
Gregory, Sherri
Stall Hall Chiller and Exterior Door Replacement - 17550-FQ00
Sponsor: SC Energy Office/DOE

USC Salkehatchie
Craig, Mark
USC Salkehatchie Energy Conservation Plan - 17660-FQ00
Sponsor: SC Energy Office/DOE
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USC Union
Lee, Michele
Federal Energy Stimulus Grant - 17770-FQ00
Sponsor: SC Energy Office/DOE

USC Upstate
Orr, Walter
USC Upstate HVAC Energy Savings - 17880-FQ00
Sponsor: SC Energy Office/DOE

Sponsor Totals: DOE 3,962,262

DOJ

Law Enforcement & Safety
Bocchino, Vinny
Recovery Act: Edward Byrne Memorial Competitive Grant Program - Law Enforcement Equipment - 66000-FQ04
Sponsor: SC Department of Public Safety (SCDPS)/DOJ

Sponsor Totals: DOJ 72,614

EPA

Business & Finance
Evans, Richard
USC Project to Retrofit Trucks, Produce Biodiesel and Reduce Emissions - 66000-FQ05
Sponsor: SC Department of Health and Environmental Control(DHEC)/EPA

Sponsor Totals: EPA 22,597

HHS (excl. nih)

Education, College of
Knopf, Herman
ARRA Child Care Quality Enhancement Project - 15250-FJ37
Sponsor: SC Department of Social Services (DSS)/HHS

Sponsor Totals: 557,939
Public Health, Arnold School of
Addy, Cheryl
ARRA Public Health Traineeships - 11500-FJ31 75,971
Sponsor: Health Resources & Services Administration (HRSA)/HHS

Sponsor Totals: HHS (excl. nih) 633,910

Medicine, School of
Parker, R David
ARRA: Homelessness Prevention and Rapid ReHousing Program (HPRP) Case Management - 18190-FL74 95,800
Sponsor: City of Columbia/HUD

Sponsor Totals: HUD 95,800

Arts and Sciences, College of
Berger, Franklin
Administrative Supplement: Center for Colon Cancer Research - 13130-FA41 400,000
Sponsor: National Center for Research Resources (NCRR)/NIH

Felder, Michael
Peromyscus Laboratory Models for Biomedical Research NCRR Supplement -- Translational - 13010-FB63 343,792
Sponsor: National Center for Research Resources (NCRR)/NIH

Kasakoff, Alice
Modeling Spatial and Family Factors in the Transmission of Wealth - 13540-FA71 223,629
Sponsor: Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD)/NIH

Outten, Franklin
Administrative Supplement: Characterization of the Suf Fe-S Cluster Biosynthesis Pathway Under Stress - 13020-FQ03 30,000
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH
Prinz, Ron
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training - 13580-FA72

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Creating the Scientific Infrastructure for the Promise Neighborhood Initiative - 13580-FA76

Sponsor: Oregon Research Institute/NIH

Richards, John
Administrative Supplement: The Development of Sustained Attention in Infants - 13580-FA70

Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH

Thompson, Paul
Administrative Supplement: Haloacetamidine-based inactivators of Protein Arginine Deiminase 4 - 13020-FB78

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Waldman, Alan
Administrative Supplement: RecQ Helicases and Genomic Instability - 13010-FB61

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Engineering & Computing, College of

Jabbari, Esmaiel
SC IDeA Network of Biomedical Research Excellence: Administrative Supplement for Students and Science Educators under Recovery Act (ARRA) - 15510-FB53

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

Tang, Jijun
NIH Administrative Supplement: Phylogenetic Analysis with Complex Genome Rearrangement Events - 15590-FA62

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Valafar, Homayoun
Administrative Supplement: Structure and Dynamics of Membrane Proteins from NMR Orientational Constraints - 15590-FA66

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Medicine, School of

Duffus, Wayne
Building a Sustainable Collaborative Platform for HIV/AIDS Prevention, Comprehensive Care, and Clinical Research in South Carolina - 18190-FA04

Sponsor: Medical University of South Carolina (MUSC)/Univ of Miami/NIH
### Sponsored Awards Management (SAM)

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**FY2010 YTD (July - March)**

<table>
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<tr>
<th>Sponsor</th>
<th>Project Title</th>
<th>Sponsorship Details</th>
<th>Funding</th>
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<tr>
<td>Goodwin, Richard</td>
<td>ARRA Administrative Supplement - The Role of Fluid Flow in Valvulogenesis</td>
<td>18020-FA61 National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
<td>150,700</td>
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<td>Haqqi, Tariq</td>
<td>Chondroprotective Activity of Pomegranate Extract</td>
<td>18060-FA46 National Center for Complementary &amp; Alternative Medicine (NCCAM)/NIH</td>
<td>137,004</td>
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<td>Piris-Creek, Lucia</td>
<td>SC IDeA Network of Biomedical Research Excellence: Administrative Supplement for Students and Science Educators under Recovery Act (ARRA)</td>
<td>22050-FA13 National Center for Research Resources (NCRR)/NIH</td>
<td>226,832</td>
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<td>Administrative Supplement: SC INBRE - NCRR ARRA Supplement - Workforce Development</td>
<td>22050-FA14 National Center for Research Resources (NCRR)/NIH</td>
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<td>Price, Robert</td>
<td>IVIS Spectrum Imaging System for the University of South Carolina</td>
<td>18020-FQ05 National Center for Research Resources (NCRR)/NIH</td>
<td>381,491</td>
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<td>Nursing, College of</td>
<td>Administrative Supplement: Teleconference Group: Breast Cancer in African Americans</td>
<td>11200-FA12 National Cancer Institute (NCI)/NIH</td>
<td>139,059</td>
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<td>Public Health, Arnold School of</td>
<td>LIFE-Main Study (sub-contract with Pennington Biomedical Research Center)</td>
<td>11530-FA62 LSU - Pennington Biomedical Research Center/Univ of FL/NIH</td>
<td>29,008</td>
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<td>Administrative Supplement: Throat Clearing, Coughing, and Alternative Behaviors</td>
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<td>Casual Estimates of Neighborhood Poverty on Health and Mortality</td>
<td>11550-FA21 National Institutes of Health (NIH)</td>
<td>195,468</td>
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## Sponsored Awards Management (SAM)

### Externally Sponsored - Congressional District 6

#### FY2010 YTD (July - March)

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<td>Fridriksson, Julius</td>
<td>Administrative Supplement: Neural Predictors of Anomia Recovery in Aphasia</td>
<td>National Institute on Deafness &amp; Other Communication Disorders (NIDCD)/NIH</td>
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<td>11560-FA09</td>
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<td>Administrative Supplement: A Unified Neuroanatomical Model of Speech Production and Perception</td>
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<td><strong>Sponsor:</strong> National Institute on Deafness &amp; Other Communication Disorders (NIDCD)/NIH</td>
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<td>Hebert, James</td>
<td>South Carolina Cancer Disparities Community Network - Administrative Supplement</td>
<td>National Cancer Institute (NCI)/NIH</td>
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<td>(Expansion of the SBYWA and the Witness Project) - 22080-FA29</td>
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<td>South Carolina Cancer Disparities Community Network: CHE Administrative Supplement</td>
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<td>Pueett, Robin</td>
<td>Air Pollution and Cognitive Aging in Older Women</td>
<td>Rush University Medical Center/NIH</td>
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<td><strong>Sponsor:</strong> Rush University Medical Center/NIH</td>
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<td>Valois, Robert</td>
<td>A Multilevel HIV Prevention Strategy for High Risk Youth - Administrative Supplement</td>
<td>11540-FA40</td>
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<td><strong>Sponsor:</strong> National Institute of Mental Health (NIMH)/NIH</td>
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### Research & Graduate Education, Vice President

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<td>Moskowitz, Jay</td>
<td>Go Grant: An Open Source Research Permissions Management System for South Carolina</td>
<td>National Library of Medicine (NLM)/NIH</td>
<td>2,823,426</td>
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<td>Wilson, Sacoby</td>
<td>Administrative Supplement for Assessment of a Novel Environmental Justice Community-University Partnership</td>
<td>10010-FA43</td>
<td>16,946</td>
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<td><strong>Sponsor:</strong> National Institute of Environmental Health Sciences (NIEHS)/NIH</td>
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### Sponsor Totals:

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NSF

Arts and Sciences, College of

Bizimis, Michael
Collaborative Research: Serpentization and Cycling of B, Nd and Sr in Submarine Hydrothermal Systems: An Experimental Study on the Effects of pH and Temperature - 13040-FB69
Sponsor: National Science Foundation (NSF)

Ju, Lili
Study on Algorithms and Applications of Centroidal Voronoi Tessellations - 13060-FA63
Sponsor: National Science Foundation (NSF)

Kulkarni, Varsha
Damped and Sub-damped Lyman-alpha Absorbers: What Are They, and What Do They Tell Us About Galaxy Evolution? - 13070-FA89
Sponsor: National Science Foundation (NSF)

Markovsky, Barry
Fairness and the Provision of Public Goods - 13530-FA15
Sponsor: National Science Foundation (NSF)

Tedeschi, David
The Study of Nuclear Physics with Intermediate Energy Probes - 13070-FA88
Sponsor: National Science Foundation (NSF)

Woodin, Sarah
Linking Infaunal Hydraulic Activities, Porewater Flow and Biogeochemical Processes in Marine Sediments - 13010-FB60
Sponsor: National Science Foundation (NSF)

Engineering & Computing, College of

Bakos, Jason
Co-Processors for High-Performance Genome Analysis - 15590-FA56
Sponsor: National Science Foundation (NSF)
Caicedo, Juan
CAREER: Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS) - 15520-FA72
Sponsor: National Science Foundation (NSF)
CAREER: (REU Supplement) Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS) - 15520-FA73
Sponsor: National Science Foundation (NSF)

Dougal, Roger
Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems - 15530-FA93
Sponsor: National Science Foundation (NSF)
Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems (REU Supplement) - 15530-FA94
Sponsor: National Science Foundation (NSF)

Heyden, Andreas
Multiscale Modeling of Bifunctional Catalysts for the Water-Gas-Shift Reaction - 15510-FB62
Sponsor: National Science Foundation (NSF)

Hu, Jianjun
CAREER: Computational Analysis and Prediction of Genome-wide Protein Targeting Signals and Localizations - 15590-FA57
Sponsor: National Science Foundation (NSF)

Lyons, Jed
Creating Industry-Ready PhD Graduates - 15540-FB26
Sponsor: National Science Foundation (NSF)

Nelakuditi, Srihari
Sponsor: National Science Foundation (NSF)

Reynolds, Anthony
Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC - 15540-FB27
Sponsor: National Science Foundation (NSF)
Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC (REU Supplement) - 15540-FB28
Sponsor: National Science Foundation (NSF)
Sponsored Awards Management (SAM)
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Tang, Jijun
Collaborative Research: Understanding Whole-genome Evolution through Petascale Simulation - 15590-FA59
Sponsor: National Science Foundation (NSF)

Weidner, John
REU Site: Sustainable Energy in Chemical Engineering - 15510-FB56
Sponsor: National Science Foundation (NSF)

Medicine, School of
Lessner, Susan
Novel Experimental and Theoretical Approaches to Understand Biomechanics of Atherosclerotic Plaque Rupture - 18020-FA60
Sponsor: National Science Foundation (NSF)

University Technology Services
Hogue, William
An ESCoR Desktop to Teragrid EcoSystem: Integrating Campus-based with National Cyberinfrastructure in a Flat World - 65200-FA00
Sponsor: SC Research Authority (SCRA)/NSF

USC Beaufort
Ji, Yiming
NETS: Small: RUI: Dynamic Indoor Location Computing and Benchmarking - 17210-FA06
Sponsor: National Science Foundation (NSF)

Sponsor Totals: NSF 6,755,360

USDA

USC Salkehatchie
Rice, Anne
Salkehatchie Lures(SL)/Regional Tourism Study - 17660-FL26
Sponsor: Western Carolina Higher Education Commission/USDA Rural Development

Sponsor Totals: USDA 162,691
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Report Total $19,273,060