

Sponsored Awards Management (SAM)

November, 2005 New Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110

100,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Clement, Christopher

*Preliminary Site Assessment of 13/15 George Street, Charleston, South Carolina
- 21300-LA00*

5,107

Sponsor: Clemson University

Co-PI:

Baruch Institute

Davis, Braxton

*Meeting the Needs of Southeastern Coastal Resource Managers through Coastal
Ocean Observing Systems, Part 2
- 21600-FB05*

6,000

Sponsor: SEA Grant/Southeast Coastal Ocean Observations Regional Association

Co-PI:

Fletcher, Madilyn

SEA-COOS Initial Implementation - 21600-FA35

6,904

Sponsor: UNC-Chapel Hill/ONR

Co-PI:

SEA-COOS Fall 2005 Workshops - 21600-FB06

7,500

Sponsor: UNC/ONR/DOD

Co-PI:

Wilde, Susan

*Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal
Blooms, and Marine Toxins - 21600-FB04*

124,633

Sponsor: SC Sea Grant Consortium/CDC

Co-PI:

Biological Sciences

Mousseau, Timothy

Muscle Degeneration Under Conditions of Microgravity - 10060-FA09

8,000

Sponsor: College of Charleston/NASA

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Raguso, Robert

Collaborative Research: Detection, Perception and Utilization of Floral CO2 by Manduca Sexta - 13010-FA83 51,385

Sponsor: National Science Foundation (NSF)

Co-PI:

Tufford, Daniel

Characterizing the Hydrodynamics of Breached Former Rice Fields on the Cooper River, SC - 13010-FA99 4,652

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Chemistry & Biochemistry**Chen, Donna**

In-Situ Studies of the Decomposition of Simulated Chemical Warfare Agents on Nanoparticle Catalysis - 13020-FA82 75,000

Sponsor: Army Research Office (ARO)/DOD

Co-PI:

Dawson, John

Editing: Journal of Inorganic Biochemistry - 13020-J400 2,958

Sponsor: Elsevier Science, Inc.

Co-PI:

Myrick, Michael

Creation of a Web-Based MOE Design Studio for NIR Spectroscopy - 13020-FA65 12,000

Sponsor: University of Tennessee/NSF

Co-PI:

Thorpe, Suzanne

Analytical Biochemistry Core for Optimizing Preventative Therapy for Diabetic Complications: Identifying Specific Mechanisms of Reactive Oxygen Specific Generation - 13020-KA13 25,985

Sponsor: Albert Einstein College of Medicine of Yeshiva University/JDRF

Co-PI:

Criminology & Criminal Justice, Department of**Brame, Robert**

A Group-Based Method for Analyzing Development - 12200-FA09 20,384

Sponsor: Carnegie Mellon University/NIH

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Geography

Carbone, Gregory

Investigating the Hydroclimatology of the Carolinas - 13540-GA02 22,500

Sponsor: Southeast Regional Climate Center/SC Department of Natural Resources

Co-PI:

Geological Sciences

Kellogg, James

Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - 13040-J400 2,958

Sponsor: Elsevier Science, Ltd.

Co-PI:

Lakshmi, Venkataraman

Use of Soil Moisture Observations for Improved Prediction of the North American Monsoon Precipitation - 13040-FA91 17,738

Sponsor: National Oceanic & Atmospheric Administration (NOAA)/DOC

Co-PI:

Styles, Richard

SEA-COOS - 21600-FA92 5,499

Sponsor: UNC-Chapel Hill/ONR/DOD

Co-PI:

Voulgaris, George

Collaborative Research: Shelf Circulation, Wave Propagation and Sediment Transport in Long Bay, SC: Measurements and Modeling - 13040-FB08 94,000

Sponsor: US Geological Survey (USGS)/DOI

Co-PI:

SEA-COOS - 21600-FA93 5,519

Sponsor: UNC-Chapel Hill/ONR/DOD

Co-PI:

White, Scott

Exploring Hydrothermal System Response to Crustal Thickness Gradients along the Galapagos Spreading Center - 13040-FA95 11,211

Sponsor: National Oceanic & Atmospheric Administration (NOAA)/DOC

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Mathematics

DeVore, Ronald

Analysis and Numerical Algorithms for Data Processing and Fast Solution of PDEs - 13060-FA07 160,000

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI:

Advanced Mathematical Methods for Processing Large Data Sets - 13060-FA23 80,000

Sponsor: US Army Research, Development & Engineering Command Acquisition Center/DOD

Co-PI: Sharpley, Robert Binev, Peter

Psychology

Shapiro, Cheri

Natural Experiment in Deviant Peer Exposure and Youth Recidivism - 13580-FA46 72,750

Sponsor: National Institutes of Health (NIH)/HHS

Co-PI: Smith, Bradley

Smith, Bradley

After-School Program for Middle-School Students - 13580-HL00 66,200

Sponsor: Richland County School District One

Co-PI:

Public Service & Policy Research, Institute for

Oldendick, Robert

Evaluation of the Combating Underage Drinking Program - 21100-F420 183,516

Sponsor: Wake Forest University/DOJ

Co-PI:

Tobacco Growers' Survey - 2005 - 21100-FA16 50,000

Sponsor: Wake Forest University School of Medicine/NCI/NIH

Co-PI:

Evaluation of Research Activities for the Advanced Performance Outcome Measures Project - 21100-FL16 14,526

Sponsor: SC Lieutenant Governor's Office on Aging

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Science Education, Center for

Jordan, Don

Junior Science and Humanities Symposium 2006 - 13090-FA08 15,300

Sponsor: Academy of Applied Sciences/DOD

Co-PI:

Statistics

Waddell, Peter

Comparative Bioinformatics and Tp53 Expression - 18300-FA06 288,413

Sponsor: National Institutes of Health (NIH)/HHS

Co-PI: Creek, Kim

Education, College of

Education

Field, Bruce

Teacher Cadet Program - 15200-G221 6,048

Sponsor: SC Center for Teacher Recruitment

Co-PI:

Office of Program Evaluation

Fisher, Steven

Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010 - 15290-FJ02 41,119

Sponsor: SC Sea Grant Consortium/NSF

Co-PI:

Engineering & Information Technology, College of

Chemical Engineering

Amiridis, Michael

EPA Fellowship Award - 15510-FA78 8,260

Sponsor: Environmental Protection Agency (EPA)

Co-PI:

Jabbari, Esmaiel

In-Situ Crosslinkable Osteoinductive Poly(lactide) Scaffold for Bone Regeneration - 15510-JA52 71,680

Sponsor: AO Foundation

Co-PI: Eady, John

Sponsored Awards Management (SAM)

November, 2005 New Awards

Popov, Branko <i>Development of Novel Process for Plating Nanostructured Ternary Alloys and Composites for Replacement of Cadmium Coatings - 15510-FA48</i> Sponsor: Office of Naval Research (ONR)/DOD Co-PI:	61,492
Weidner, John <i>REU Site: Materials Research in Chemical Engineering - 15510-FA50</i> Sponsor: National Science Foundation (NSF) Co-PI: Van Zee, John	85,000
White, Ralph <i>Rechargeable Lithium Battery Operating Life Model - 15510-FA77</i> Sponsor: Quallion/Army Space and Missile Defense Command/DOD Co-PI:	45,000
Civil & Environmental Engineering	
Flora, Joseph <i>Mercury Speciation in Coal Fired Power Plant Flue Gas - Experimental Studies and Model Development - 15520-FA40</i> Sponsor: University of Pittsburgh/DOE Co-PI:	20,000
Electrical Engineering	
Dougal, Roger <i>Soldier System Power Sources - 15530-FA29</i> Sponsor: Office of Naval Research (ONR)/DOD Co-PI:	75,000
Sudarshan, Tangali <i>Local PVT Growth of SiC films on 4H-SiC substrates - 15530-JA07</i> Sponsor: GE Global Research Co-PI:	25,000
Mechanical Engineering	
Giurgiutiu, Victor <i>Participation in Phase II of NASA STTR T7-02 - 15540-FA63</i> Sponsor: NextGen Aeronautics, Inc./NASA Co-PI:	56,994

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November, 2005 New Awards

Knight, Travis

*Subcontract to Clemson University's Department of Energy Radiochemistry Education
Award Program Proposal - 15540-FA61* 17,500

Sponsor: US Department of Energy (DOE)

Co-PI:

Reynolds, Anthony

*Understanding the Dynamic Fracture Response of Heterogeneous Structures for
Defense Applications - 15540-FA34* 85,000

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI: Sutton, Michael Deng, Xiaomin

Sutton, Michael

USC-SC Space Grant Consortium Renewal - 15540-FA62 3,000

Sponsor: SC Space Grant Consortium/NASA

Co-PI:

Hospitality, Retail & Sport Management, College of

Retailing, Department of

Carpenter, Jason

Duel in the South 2006 - 14010-LL00 19,978

Sponsor: University of Arizona SIFE

Co-PI:

Medicine, School of

Cell & Developmental Biology & Anatomy

Blake, Charles

Estrogen, Gene Expression, and Gonadal Development - 18020-FA32 109,809

Sponsor: Benedict College/NICHHD/HHS

Co-PI:

Lavoie, Holly

Role of Estrogen in Luteal Function - 18020-FA33 97,300

Sponsor: Benedict College/NICHHD/HHS

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Family & Preventive Medicine

Baxley, Elizabeth

Palmetto Health Affiliation - 18130-K401 75,662

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18130-K402 4,812

Sponsor: Palmetto Health Alliance

Co-PI:

Keisler, David

Diabetes Initiative of South Carolina - 18130-GL09 34,958

Sponsor: Medical University of South Carolina (MUSC)

Co-PI:

Internal Medicine

Chillag, Shawn

Palmetto Health Affiliation - 18190-K401 140,350

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18190-K402 10,999

Sponsor: Palmetto Health Alliance

Co-PI:

Cox, Ramie

USC Lancaster Child Development Center - 17550-GL01 26,054

Sponsor: Lancaster County First Steps Partnership Board

Co-PI:

Eleazer, Paul

SC Consortium for Cardiovascular Disease and Stroke - 18190-LA00 7,500

Sponsor: Palmetto Health Alliance

Co-PI:

Horvath, Joseph

COL103952: A Randomized Trial Comparing the Efficacy and Safety of RTV-Boosted Lexiva with Truvada Versus RTV-Boosted Reyataz with Truvada in Antiretroviral-Naive Patients over 48 Weeks. - 18190-JA26 9,791

Sponsor: GlaxoSmithKline

Co-PI: Postic, Bosko Derajtys, Pat Jackson, Tonda

Sponsored Awards Management (SAM)

November, 2005 New Awards

Moloo, Jamal

Ontarget/Transcend - 18190-JA09

1,890

Sponsor: Hamilton Health Sciences/Boehringer Ingelheim

Co-PI:

Sharma, Sunil

Effect of Daytime Continuous Positive Airway Pressure (CPAP) on Left Ventricular Ejection Fraction in Heart Failure Patients with Cheyne-Stokes Respiration (Pilot Study)

105,250

- 18190-KA03

Sponsor: Palmetto Research Foundation

Co-PI:

Sy, Alexander

Multi-Center Clinical Trial of the Bard Silver Coated Endotracheal Tube to Reduce Ventilator Associated Pneumonia (VAP) - 18190-JA27

5,517

Sponsor: C.R. Bard, Inc.

Co-PI: Barker, James Owens, William

Talwani, Rohit

A Phase IV, Randomized, Multi-Center, Open-label Study to Compare the Safety, Tolerability and Efficacy of TRIZIVIR DID vs. COMBIVIR DID + Atazanavir 400 mg QD in Antiretroviral Naive HIV-1 Infected Subjects Over 48 Weeks (GSK ESS100327). - 18190-JA20

1,264

Sponsor: GlaxoSmithKline

Co-PI: Horvath, Joseph

Sponsored Awards Management (SAM)

November, 2005 New Awards

Medicine, School of - (Dean)

Faulkner, Larry

Palmetto Health Affiliation - 18070-K401 3,864

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation - 18100-K401 13,162

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation - 18260-K401 21,316

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation - 18300-K401 30,953

Sponsor: Palmetto Health Alliance

Co-PI:

Fowler, Stanley

Center of Research Excellence/Undergraduate Program - 18360-KJ03 75,000

Sponsor: Palmetto Health Richland

Co-PI:

Neuropsychiatry

Harding, Richard

Palmetto Health Affiliation - 18120-K401 54,481

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18120-K402 6,875

Sponsor: Palmetto Health Alliance

Co-PI:

Hwang, Te-Long

PRoFESS-Prevention Regimen for Effectively Avoiding Second Stroke - 18120-JA01 1,155

Sponsor: Boehringer Ingelheim Pharmaceuticals, Inc.

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Obstetrics & Gynecology

Bacon, Janice

Palmetto Health Affiliation - 18110-K401 68,758

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18110-K402 10,133

Sponsor: Palmetto Health Alliance

Co-PI:

Ophthalmology

Davis, Richard

Palmetto Health Affiliation - 18150-K401 49,289

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18150-K402 14,767

Sponsor: Palmetto Health Alliance

Co-PI:

Orthopaedic Surgery

Eady, John

Palmetto Health Affiliation - 18160-K401 46,359

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18160-K402 9,167

Sponsor: Palmetto Health Alliance

Co-PI:

Pathology & Microbiology

Fox, Alvin

Function of the *Bacillus anthracis* spore carbohydrate - Minority Supplement
- 18060-FA21 27,408

Sponsor: University of Missouri/NIH

Co-PI:

Science Education and Research Outreach Project of the University of South Carolina
School of Medicine - 18060-KJ00 4,000

Sponsor: Sloan Foundation/National Action Council for Minorities in Engineering, Inc.
(NACME)

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Nagarkatti, Mitzi

Endothelial cell injury by cytolytic lymphocytes - 18060-FA22 210,527

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

Co-PI: Nagarkatti, Prakash

Pediatrics

Derrick, C.

Palmetto Health Affiliation - 18140-K401 58,384

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18140-K403 5,169

Sponsor: Palmetto Health Alliance

Co-PI:

Ferrante, Richard

Personnel Development Collaboration ATP Expo 2006 - 18140-FL47 4,000

Sponsor: SC Department of Education/USDE

Co-PI:

Personnel Development Collaboration TBI - 18140-FL48 3,000

Sponsor: SC Department of Education/USDE

Co-PI:

Neuberg, Ronnie

Children's Oncology Group/National Childhood Cancer Foundation - 18140-FA06 7,629

Sponsor: National Childhood Cancer Foundation/NCI/NIH

Co-PI:

Schwartz, I. David

Noroditropin National Registry Program - 18140-JA08 1,850

Sponsor: Covance Periapproval Services, Inc.

Co-PI:

Surgery

Bell, Richard

Palmetto Health Affiliation (Educ. Trust) - 18200-K402 11,344

Sponsor: Palmetto Health Alliance

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Pharmacy, College of

Pharmacy Practice

Lingle, Earle

Utilization of Atypical Antipsychotics in the SC Medicaid Program and their Association with Metabolic Disorders and Effects on Use of Other Services - 11150-JA05 72,750

Sponsor: Pfizer Inc.

Co-PI: Dickson, W.

Public Health, Arnold School of

Communication Sciences & Disorders

Frank, Elaine

GA: Regina Jackson - 11560-JP00 3,914

Sponsor: Blue Choice Health Plan

Co-PI:

Environmental Health Sciences

Chandler, G. Thomas

Demonstration of a Harpacticoid Copepod Development and Reproduction Test using Amphiascus Tenuiremis - 11510-FB00 82,309

Sponsor: Office of Pollution Prevention and Toxic Substances/EPA

Co-PI:

Newman, Lee

Phytoremediation Monitoring and Nurturing - 11510-FB01 22,184

Sponsor: URS Group, Inc./US Navy/DOD

Co-PI:

Stow, Craig

Bayesian Methods for Regional Scale Stressor Response Models - 11510-FB02 134,929

Sponsor: Duke University/EPA

Co-PI:

Epidemiology & Biostatistics

Hebert, James

Statistical Analyses for the NCI Behavioral Change Consortium Diet Validation Study - 11520-FA64 99,852

Sponsor: National Cancer Institute/NIH

Co-PI: Hurley, Thomas

Sponsored Awards Management (SAM)

November, 2005 New Awards

Hussey, James

GA: Yang Wang - 11520-GP28

2,430

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

Co-PI:

Exercise Science

Durstine, J. Larry

GA: Erin Combs - 11530-JP09

16,000

Sponsor: Michelin North America

Co-PI:

Health Services & Policy Research, Center for

Leith, Katherine

Planning and Facilitation Assistance for the SCDHEC Childhood Lead Poisoning Prevention Program (CLPPP) - 11580-FL13

35,722

Sponsor: SC Department of Health and Environmental Control/HHS

Co-PI:

Woods, John

Center for Health Services and Policy Research - 11580-LA01

10,796

Sponsor: Palmetto Health Alliance

Co-PI:

Center for Health Services and Policy Research - Quality Management - 11580-LA02

85,000

Sponsor: Palmetto Health Alliance

Co-PI:

Health Services Policy and Management

Glover, Sandra

EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS - Administrative Core - 22070-FA01

549,923

Sponsor: National Center on Minority Health and Health Disparities/NIH

Co-PI: Creek, Kim

Martin, Amy

Memorandum of Understanding between Palmetto Health Richland Memorial Hospital, Department of Geriatrics, Columbia, South Carolina (Hospital) and the University of South Carolina School of Public Health, Columbia, South Carolina - 11550-LA02

7,150

Sponsor: Palmetto Health Alliance

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Stoskopf, Carleen

EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS - Research Education and Training Core - 11550-FA09 165,528

Sponsor: National Center on Minority Health and Health Disparities/NIH

Co-PI:

GA: Lisa Dow - 11550-JP47 2,066

Sponsor: Blue Choice Health Plan

Co-PI:

GA: Jessica Kopittke - 11550-JP48 2,000

Sponsor: Oltmann Healthcare Consultants

Co-PI:

Prevention Research Center

Brandt, Heather

EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS - Community Partnerships and Outreach Core - 22080-FA00 335,322

Sponsor: National Center on Minority Health and Health Disparities/NIH

Co-PI:

Research & Nutrition & Health Disparities, Center for

Mayer-Davis, Elizabeth

Look Ahead - 11520-FA59 52,681

Sponsor: Wake Forest University/NIH

Co-PI:

Research & Health Sciences, Vice President

Families in Society, Institute for

Flerx, Vicki

Domestic Violence Services in Rural Health Care Clinics - 10010-FA26 80,109

Sponsor: University of Texas/CDC

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

Social Work, College of

Social Work, College of

Bond, Pamela

DHEC HABLA Language Assistance Program - 15900-GL04

120,156

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

Co-PI:

Poole, Dennis

GA: Stacy Pleaze - 15900-JP27

2,125

Sponsor: The Weathers Group

Co-PI:

USC Beaufort

USC Beaufort

Quick, Gail

Pathways To Success - 17220-KL12

90,000

Sponsor: Arthur M. Blank Family Foundation

Co-PI:

USC Lancaster

USC Lancaster

Riner, William

Diabetes Education Center - 17550-KL00

189,000

Sponsor: J. Marion Sims Foundation

Co-PI:

USC Sumter

USC Sumter

Bell, Richard

Palmetto Health Affiliation - 18200-K401

138,875

Sponsor: Palmetto Health Alliance

Co-PI:

Sponsored Awards Management (SAM)

November, 2005 New Awards

USC Upstate

USC Upstate

Ferrell, Jim

Nursing Education and Research - 17880-K120

3,300

Sponsor: Carolina Piedmont Foundation

Co-PI:

Palmetto Professorship - 17880-K128

5,000

Sponsor: Carolina Piedmont Foundation

Co-PI:

Mounce, Amy

Teacher Cadet Grant - 17880-G206

3,220

Sponsor: SC Center for Teacher Recruitment

Co-PI:

Report Total: \$5,843,796