

Sponsored Awards Management (SAM)

March, 2006 New Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110

310,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Smith, Steven

Archaeological and Historical Services For the Francis Marion Trail Commission - 21300-GA10

74,189

Sponsor: Francis Marion Trail Commission/State Materials Management Office

Co-PI:

Archaeological Reconnaissance Survey of Huck's Defeat Battlefield - 21300-HA01

7,561

Sponsor: York County Culture and Heritage Commission

Co-PI:

Baruch Institute

Porter, Dwayne

An Assessment of Stormwater Best Management Practices For Coastal South Carolina: The Oak Terrace Preserver Monitoring Project - 21600-FB10

85,670

Sponsor: South Carolina Sea Grant Consortium/NOAA

Co-PI: Hayes, Lisa Lewitus, Alan Pollack, Jeffrey

Wilde, Susan

Nutrient and Phytoplankton Samples from ACE Basin National Estuarine Research Reserve - 21600-FB09

11,934

Sponsor: SC Department of Natural Resources/NOAA

Co-PI:

Zingmark, Richard

Functional Relationships (Coupling) between Epiphytic Microalgae and Foodwebs in a Salt Marsh - 21600-FB14

67,160

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Biological Sciences

Dixon, Dan

Post-Transcriptional Gene Targeting in Colorectal Cancer - 13010-FB04

30,000

Sponsor: Medical University of South Carolina/Science Applications International Corporation/ONR

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Ely, Berten

REU Site: Undergraduate Research in Integrative Evolutionary Biology - 13010-FA89 15,700

Sponsor: National Science Foundation (NSF)

Co-PI: Hughes, Austin

Felder, Michael

Alcohol Metabolism Genes in Transgenic Mice - 13010-FA44 270,921

Sponsor: National Institute on Alcohol Abuse and Alcoholism (NIAAA)/NIH

Co-PI:

Marton, Laszlo

Novel Accelerated in Vitro Breeding for Phytoremediation - Phase II STTR - 13010-FB05 33,000

Sponsor: Southern Sun Biosystems, Inc./NIEHS/HHS

Co-PI:

Pinckney, James

Effects of Sublethal Concentrations of Agricultural Herbicides on The Structure and Function of Estuarine Phytoplankton Communities - 21600-FB11 42,184

Sponsor: South Carolina Sea Grant Consortium/ NOAA

Co-PI:

Richardson, Tammi

Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC - 21600-FB12 87,038

Sponsor: South Carolina Sea Grant Consortium/NOAA

Co-PI:

Chemistry & Biochemistry

Genge, Brian

Additives for Strength Augmentation of Biomaterial - 13020-JA09 35,000

Sponsor: Competitive Technologies, Inc.

Co-PI:

COBRE: Center for Colon Cancer Research

Berger, Franklin

Genetics of the Hepatic Acute Phase Response. - 13010-FA30 104,361

Sponsor: Roswell Park Cancer Institute/NIH

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Criminology & Criminal Justice, Department of

Lattimore, Pamela

Evaluation of Project Ceasefire - 12200-GA05 25,000

Sponsor: Office of Safety & Grants/SC Department of Public Safety

Co-PI:

English

Miller, David

Spenser Edition - 12530-FA05 40,000

Sponsor: National Endowment for the Humanities (NEH)

Co-PI:

Geography

Carr, Edward

Exploring the Socioecological Impacts of Economic and Environmental Change in Ghana's Central Region - 13540-KA09 22,000

Sponsor: National Geographic Society

Co-PI: Castro, Marcia

Mock, Cary

Baseline Methods for Reconstructing United States 19th Century Climatic Extremes from Historical Data - 13540-FA25 14,932

Sponsor: National Science Foundation (NSF)

Co-PI:

Geological Sciences

Bulusu, Subrahmanyam

Satellite Data Analysis of Low-Frequency Indian Ocean Climate Variability - 13040-FB12 76,603

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

Kellogg, James

Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - 13040-J400 5,200

Sponsor: Elsevier Science, Ltd.

Co-PI:

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March, 2006 New Awards

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 69,000

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

An Integrated In-situ, Ground and Hydrological Validation of AMSR Soil Moisture Product - 13040-JA05 24,000

Sponsor: Japan Aerospace Exploration Agency (JAXA)/TNK Space Corporation

Co-PI:

Talwani, Pradeep

Cooperative Central and Southeast US Integrated Seismic Network-USC - 13040-FA72 68,000

Sponsor: US Geological Survey (USGS)/DOI

Co-PI:

Voulgaris, George

Collaborative Research: Observation and Modeling of Inner Shelf Sediment Dynamics and Large-Scale Sorting: Cross-shelf or Alongshelf Transport? - 13040-FB13 148,551

Sponsor: National Science Foundation (NSF)

Co-PI:

Wilson, Alicia

Understanding Long-Term Solute Transport in Sedimentary Basins: Simulation Brine Migration in the Alberta Basin, Canada - 13040-FA74 54,368

Sponsor: US Department of Energy (DOE)

Co-PI:

An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamics - 21600-FB13 79,054

Sponsor: South Carolina Sea Grant Consortium/NOAA

Co-PI: Morris, James

Physics & Astronomy

Blanpied, Gary

Pilot Course for Physical Science Companion - 13070-FJ02 14,152

Sponsor: SC Department of Education/USDE

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Johnson, Joseph

Continued Enhancement of Internet Victim Information System (IVIS) - 13070-FA64 74,400

Sponsor: SC Department of Public Safety/DOJ

Co-PI:

Psychology

Prinz, Ron

Risk Reduction via Promotion of Youth Development - 13580-FA15 968,694

Sponsor: National Institute on Drug Abuse (NIDA)/NIH

Co-PI:

Public Service & Policy Research, Institute for

Oldendick, Robert

Targeting Mass Media Interventions for Risky Sexual Behavior - 21100-FL18 98,391

Sponsor: University of Kentucky Research Foundation/NIH

Co-PI:

Statistics

Nelson, Kerrie

Modeling Inter-Rater Agreement Using Mixed Models 45,000
- 13080-FA18

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Education, College of

Educational Studies, Department of

Brown, William

Consultation and Technical Assistance with the South Carolina Education Oversight Committee - 15240-GL08 30,000

Sponsor: The South Carolina Education Oversight Committee

Co-PI:

Instruction & Teacher Education

Freeman, Nancy

Improve the Quality of Child Care for South Carolina Families - Extension - 15250-FJ13 238,771

Sponsor: SC Department of Social Services/HHS

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Stephens, Diane <i>SCRF School Progress and Interventions - 15250-FA10</i> Sponsor: SC Department of Education/USDE Co-PI:	347
Office of Program Evaluation	
Yap, Ching Ching <i>Arts in Education Research Project II - 15290-GL17</i> Sponsor: Winthrop University Co-PI:	16,000
Engineering & Information Technology, College of	
Chemical Engineering	
Papathanasiou, Thanasis <i>Plastication and Compounding of Levan-SBIR Phase I - 15510-FA85</i> Sponsor: Montana Polysaccharides Corp/EPA Co-PI:	11,377
Popov, Branko <i>Development of a Capacity Fade Model for Li- ion Batteries: Demonstration of the Applicability of Li-ion Batteries for Space Applications (State Matching Account for 15510-FA82) - 15510-GA05</i> Sponsor: SC EPSCoR Program/SCRA Co-PI:	10,254
Weidner, John <i>REU Site: Green Chemistry in Chemical Engineering - 15510-FA84</i> Sponsor: National Science Foundation (NSF) Co-PI: Williams, Christopher	284,932
<i>High Performance Electrolyzers for Hybrid Thermochemical Cycles - 15510-FA86</i> Sponsor: US Department of Energy (DOE) Co-PI:	109,010
Civil & Environmental Engineering	
Chaudhry, M. <i>Alfred P. Sloan Foundation Minority PhD Program: Recruitment and Retention Grant - 15520-KA09</i> Sponsor: Alfred P. Sloan Foundation/NACME Co-PI:	2,000

Sponsored Awards Management (SAM)

March, 2006 New Awards

Haselbach, Liv
Cleveland Park Pervious Concrete Samples - 15520-HA01 3,228
Sponsor: City of Greenville - Department of Public Works
Co-PI:

Ziehl, Paul
Concept Study: Bridging Small Gaps with Treadways - 15520-FA42 49,994
Sponsor: US Army Engineer Research and Development Center
Co-PI: Rizos, Dimitris

Computer Science & Engineering

Valtorta, Marco
Applications of Intelligent Software Agent Technology - 15530-JP00 11,593
Sponsor: Digital Support Systems, Inc.
Co-PI:

Prior and Tacit Knowledge Services - 15590-FA25 21,219
Sponsor: Georgia Institute of Technology/DOD
Co-PI: Huhns, Michael

Applications of Intelligent Software Agent Technology - 15590-JP38 11,615
Sponsor: Digital Support Systems, Inc.
Co-PI:

Electrical Engineering

Khan, M. Asif
Robust AlIGaN/GaN Microsensor Dust for Chemical Warfare Agent Detection - 15530-FA38 60,000
Sponsor: Jet Propulsion Laboratory/NASA
Co-PI:

Ponci, Ferdinanda
Novel, Low-Cost, Non-Contact, High Accuracy Sensor for the Simultaneous, Reliable, Real-time Determination and Monitoring of HV Transmission Line Sag, Temperature, Current, and Ampacity - 15530-FA45 8,848
Sponsor: Promethean Devices/DOE
Co-PI:

Doty CryoMAS Probe Controller - 15530-JA08 38,663
Sponsor: Doty Scientific, Inc
Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Mechanical Engineering

Knight, Travis

Analysis and Development of A Robust Fuel for Gas-Cooled Fast Reactors - 15540-FA64 150,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Sutton, Michael

Transfer of Technology for Automated Crack Growth Simulations to USAF - 15540-FA41 169,130

Sponsor: S&K Technologies/US Air Force/DOD

Co-PI: Deng, Xiaomin

Digital Image Correlation - Uncertainty Quantification - 15540-FA65 27,228

Sponsor: Sandia National Laboratory/DOE

Co-PI:

Environment, School of the

Earth Sciences & Resources Institute

De, Sahadeb

Clemson Soil Test Data Repository - 24400-GL00 50,000

Sponsor: Clemson University

Co-PI:

Kloot, Robin

South Carolina Farm Bureau Member Assistance Program - SCDHEC Permitting Process and Violation Avoidance - 24400-KJ00 7,985

Sponsor: South Carolina Farm Bureau

Co-PI:

Shafer, John

Integrated Hydrogeophysical and Hydrogeologic Driven Parameter Upscaling for Dual-Domain Transport Modeling - 24400-FA06 214,604

Sponsor: US Department of Energy (DOE)

Co-PI: Waddell, Michael Knapp, Camelia

Sponsored Awards Management (SAM)

March, 2006 New Awards

Law Enforcement & Safety

Law Enforcement & Safety

Wuchenich, Christopher

Homeland Security Bufferzone Protection Program - 66000-FQ01

181,652

Sponsor: SC Law Enforcement Division (SLED)/Homeland Security

Co-PI:

Law, School of

Law, School of

Morris, Carolyn

Children's Justice Act - Operation of Children's Law Office - 15800-FL27

40,327

Sponsor: SC Department of Social Services/DHHS

Co-PI:

Mass Communications & Information Studies, College of

Library & Information Sciences, School of

Hoerman, Heidi

Information Intermediary Workshops and Development of a Cohort of Respondents for Evaluation and Creation of Direct-to-Consumer Workshops on Consumer Health Information, with Special Emphasis on Services to Spanish-Speaking Populations. - 15700-FJ02

3,704

Sponsor: University of Maryland/ National Library of Medicine/NIH

Co-PI:

Medicine, School of

Cancer Center, South Carolina

Pirisi-Creek, Lucia

Artists Against Breast Cancer - 18060-KA07

5,000

Sponsor: The Arnold P. Gold Foundation

Co-PI:

Cell & Developmental Biology & Anatomy

Goldsmith, Edie

Role of Discoidin Domain Receptor 2 in Valvulogenesis - 18020-FA17

342,542

Sponsor: National Institutes of Health (NIH)

Co-PI: Potts, Jay

Sponsored Awards Management (SAM)

March, 2006 New Awards

Potts, Jay <i>Regulation of AV Canal Formation by the Jak-STAT Pathway - 18020-FA16</i> Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH Co-PI:	303,344
Family & Preventive Medicine	
McDermott, Suzanne <i>SC Disability and Health Project - 18130-FL08</i> Sponsor: Centers for Disease Control (CDC)/HHS Co-PI:	431,818
Internal Medicine	
Bryan, Charles <i>Ryan White CARE Act Title II (Base) - 18190-FL33</i> Sponsor: SC Dept. of Health & Environmental Control (DHEC) - STD HIV Division/HRSA Co-PI:	1,924,830
<i>Ryan White CARE Act Title II (Emerging Communities) - 18190-FL34</i> Sponsor: SC Dept. of Health & Environmental Control (DHEC) - STD HIV Division/HRSA Co-PI:	303,864
<i>Ryan White CARE Act Title II (MAI Sumter Family Health Center) - 18190-FL35</i> Sponsor: SC Dept. of Health & Environmental Control (DHEC) - STD HIV Division/HRSA Co-PI:	29,000
<i>Ryan White CARE Act Title II (MAI Discharge Planning) - 18190-FL36</i> Sponsor: SC Dept. of Health & Environmental Control (DHEC) - STD HIV Division/HRSA Co-PI:	30,827
<i>Ryan White CARE Act Title II (SC ADAP Insurance) - 18190-FL37</i> Sponsor: SC Dept. of Health & Environmental Control (DHEC) - STD HIV Division/HRSA Co-PI:	25,000
<i>HOPWA Services of the Midlands Care Consortium through DHEC - 18190-FL38</i> Sponsor: SC Department of Health & Environmental Control/HUD Co-PI:	53,000

Sponsored Awards Management (SAM)

March, 2006 New Awards

Neuropsychiatry

Narasimhan, Meera

Risperidone Long-Acting for Alcohol and Schizophrenia Treatment (R-Last) - 18120-JA05 5,305

Sponsor: Trustees Dartmouth College/Janssen Medical Affairs

Co-PI:

Obstetrics & Gynecology

Wild, Mark

Early External Cephalic Version 2 Trial - 18110-LA00 95

Sponsor: Canadian Institutes of Health Research (CIHR)

Co-PI: Gregg, Anthony

Pathology & Microbiology

Nagarkatti, Prakash

Cannabinoid-Induced Apoptosis in T Cell Regulation - 18060-FA25 178,000

Sponsor: National Institute on Drug Abuse (NIDA)/NIH

Co-PI: Nagarkatti, Mitzi

Pediatrics

Ferrante, Richard

South Carolina Assistive Technology Program - 18140-FL51 431,507

Sponsor: Rehabilitation Services Administration/USDE

Co-PI:

Roberts, Carla

Phase II, Eval Effects on Liver Iron Concentration..Deferoxamine in Sickle Cell Disease Pts w/Transfusional Hemosiderosis - 18140-JA11 3,150

Sponsor: Palmetto Health Alliance/Novartis

Co-PI: Neuberg, Ronnie

Schwartz, I. David

Tercica Protocol MS301: Recombinant Human Insulin-Like Growth Factor-1 (rhIGF-1) Treatment of Prepubertal Children with Growth Failure Associated with Primary IGF-1 Deficiency: A Phase 3, Randomized, Open-Label, Observation-Controlled, Multicenter, Parall 13,210

Sponsor: Tercica, Inc.

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Pharmacy, College of

Basic Pharmaceutical Sciences

Zhu, Bao Ting

Endogenous Estrogen-Fatty Acid Esters: Mammary-Selective Hormones and Carcinogens - 11110-KA03

161,250

Sponsor: American Cancer Society

Co-PI:

Public Health, Arnold School of

Epidemiology & Biostatistics

Colabianchi, Natalie

Defining the Built Environment - 11520-FA69

10,000

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Vena, John

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

29,051

Sponsor: University at Buffalo,SUNY/NIJ/DOJ

Co-PI:

Exercise Science

Pate, Russ

Physical Activity in Preschool Children - 11530-FA11

15,370

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

Co-PI:

Physical Activity in Preschool Children - Supplement - 11530-FA18

31,969

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

Co-PI:

Health Services Policy and Management

Glover, Sandra

African American Public Health Fellowship and Development Program to Address Health Disparities - 11500-KJ02

100,000

Sponsor: W. K. Kellogg Foundation

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Stoskopf, Carleen
GA: Tiffany Copper - 11550-LP78 500
Sponsor: Palmetto Health
Co-PI:

GA: Tiffany Copper - 11550-LP79 1,000
Sponsor: Palmetto Health
Co-PI:

Prevention Research Center

Pluto, Delores
Safe Routes to School Policy - 11570-KA15 4,500
Sponsor: St Louis University/Chronic Disease Directors
Co-PI:

Public Health, Arnold School of - Dean

Smith, Lillian
South Carolina Public Health Consortium--Director - 11500-GL00 88,000
Sponsor: SC Department of Health and Environmental Control (DHEC)
Co-PI: Richter, Donna

Research & Nutrition & Health Disparities, Center for

Mayer-Davis, Elizabeth
Treatment of Options for Type 2 Diabetes - 11590-FA11 15,000
Sponsor: George Washington University/NIH
Co-PI:

Research & Health Sciences, Vice President

Hydrogen Fuel Cell Research, Institute for

Van Zee, John
I/UCRC Fuel Cell Center - Operating Account - 15510-JA11 35,000
Sponsor: Various Sponsors
Co-PI:

NanoCenter

Vogt, Thomas
Rugged Low-Temperature Actuators for Tunable Fabry-Perot Optical Filters--Phase II SBIR - 22040-FA20 41,250
Sponsor: Perdux Inc./NASA
Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Research, Vice President for - (General)

Boccanfuso, Anthony

*USC Liaison with Savannah River National Laboratory-Consulting Services -
Development, Preparation and Submittal of Engineering and Science Proposals. -
22000-FL02* 45,414

Sponsor: SC Universities Research and Education Foundation
(SCUREF)/WSRC/DOE

Co-PI: Sutton, Michael

Social Work, College of

Social Work, College of

Bond, Pamela

*Southeastern Regional Conference- Collaborative Community Response - 15900-
FL34* 50,000

Sponsor: SC Department of Mental Health/HHS

Co-PI:

Gray, Karen

Durham Community Land Trustees - 15900-KA05 4,000

Sponsor: Lincoln Institute of Land Policy

Co-PI:

Logan, Sadye

Spirit of an Activist: I. DeQuincey Newman - 15900-FL33 1,500

Sponsor: SC Humanities Council/NEH

Co-PI:

USC Aiken

USC Aiken

Leverette, Chad

*Trace Analysis of Uranyl Compounds Utilizing Aligned Nanorod SERS Substrates -
17110-FA17* 13,933

Sponsor: SC Universities Research and Education Foundation (SCUREF)
/WSRC/DOE

Co-PI:

Sponsored Awards Management (SAM)

March, 2006 New Awards

Priest, Jeffrey

2006 Advanced Placement Teacher Institutes - 17110-GJ09

72,584

Sponsor: South Carolina Department of Education

Co-PI:

2006 Advanced Placement Teacher Institutes - 17110-GJ10

37,539

Sponsor: SC Department of Education

Co-PI:

USC Sumter

USC Sumter

Bell, Richard

Trauma Care Surgical Fellowship for South Carolina - 18200-KL00

100,000

Sponsor: Fullerton Foundation

Co-PI:

Fernandes, Pearl

Life Science in Context: Sub-Saharan Africa - 17440-FA00

16,504

Sponsor: Meredith College/NSF

Co-PI:

Macias, Salvador

Sumter Area Psychology Teachers Consortium - 17440-KJ00

300

Sponsor: Western New England College/Society for The Teaching of Psychology

Co-PI:

USC Upstate

USC Upstate

Bradshaw, York

USC Upstate Community Outreach Partnership Center - 17880-FL59

394,536

Sponsor: US Department of Housing and Urban Development (HUD)

Co-PI: Avery, Reginald Paez, Doris

Sponsored Awards Management (SAM)

March, 2006 New Awards

Prioleau, Rachelle

The Rhetoric of Music - 17880-KL08 2,000

Sponsor: Carolina Piedmont Foundation/The Arts Partnership of Greater Spartanburg

Co-PI:

University Singers - 17880-KL09 1,700

Sponsor: Carolina Piedmont Foundation/Arts Partnership of Greater Spartanburg

Co-PI:

Turner, Jack

Watershed Ecology Center Education Program - 17880-KL00 746

Sponsor: Carolina Piedmont Foundation

Co-PI:

Microbial Study - 17880-L101 7,200

Sponsor: Milliken & Company

Co-PI:

Report Total: \$10,115,882