

Sponsored Awards Management (SAM)

February, 2007 New Awards

Arts and Sciences, College of

Anthropology

Toumey, Chris

Citizens' School of Fuel Cell & Hydrogen Technology (CSFC&HT) - 22040-LL04 10,000

Sponsor: SC Research Authority/Greater Columbia Fuel Cell Challenge

Co-PI:

Archaeology & Anthropology, SC Institute of

Leader, Jonathan

South Carolina Institute of Archeology and Anthropology Facility Upgrade - 21300-GA14 90,000

Sponsor: SC Budget & Control Board

Co-PI:

Art

Berry, Karla

PA Bootcamp Workshop - 12510-GJ00 8,500

Sponsor: SC Department of Commerce

Co-PI:

Baruch Institute

Porter, Dwayne

Development of a Conceptual Model for an Integrated Coastal Prediction and Forecasting Initiative 167,564

- 11510-FB12

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI: Chandler, G. Thomas

Integrating Terrestrial, Estuarine and Marine Observing Systems in Support of an Improved Understanding of Hypoxic Events in Long Bay, SC 38,932

- 21600-FB28

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Development of a Conceptual Model for an Integrated Coastal Prediction and Forecasting Initiative 66,429

- 21600-FB30

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

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February, 2007 New Awards

Wilde, Susan

The Expansion of the South Carolina Harmful Algal Bloom Project - 21600-FB29 215,525

Sponsor: SC Department of Natural Resources/NOAA

Co-PI:

Biological Sciences

Ely, Berten

REU Site: Undergraduate Research in Integrative Evolutionary Biology - 13010-FA89 93,337

Sponsor: National Science Foundation (NSF)

Co-PI: Hughes, Austin

Helmuth, Brian

*Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change:
From MODIS to Mussels - 13010-FB18* 50,000

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI: Wethey, David Hilbish, Thomas Lakshmi, Venkataraman

Raguso, Robert

*Collaborative Research: Detection, Perception and Utilization of Floral CO2 by
Manduca Sexta - 13010-FA83* 54,018

Sponsor: National Science Foundation (NSF)

Co-PI:

Chemistry & Biochemistry

Angel, S.

Raman Waveguide Studies - 13020-FB19 64,973

Sponsor: Univ of California/Lawrence Livermore National Laboratory/DOE

Co-PI:

Dawson, John

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

Sponsor: Elsevier Science, Inc.

Co-PI:

Murphy, Catherine

Journal of Physical Chemistry Editorship - 13020-KL00 6,926

Sponsor: American Chemical Society

Co-PI:

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Myrick, Michael
Ometric Research Services - 22040-JA00 5,000
Sponsor: Ometric Corporation
Co-PI:

zur Loye, Hans-Conrad
Synthesis of New Platinum Group Metal Oxides - 13020-FA79 130,000
Sponsor: National Science Foundation (NSF)
Co-PI:

Earth Sciences & Resources Institute

Shafer, John
Strategic Planning Support for Aquifer Dewatering Operation and Assessment at the Holcim, Inc. Quarry at Holly Hill, South Carolina - 24400-JA12 71,000
Sponsor: Holcim USA, Inc.
Co-PI:

Waddell, Michael
The Use of Non-Invasive Geophysical Methods for Identifying Possible Karst Induced Stability Problems in Holcim Inc. Quarry Near Holly Hill, South Carolina - 24400-JA13 66,014
Sponsor: Holcim Inc.
Co-PI: Knapp, Camelia

Environment, School of the

Jerman, Patricia
Sustainable Universities Initiative - 10060-K101 20,000
Sponsor: USC Educational Foundation/Kann Rasmussen Foundation
Co-PI:

Geography

Cutter, Susan
Natural and Human-Induced Disasters and other Factors Affecting Future Emergency Response and Hazard Management: An Outlook Paper - 13540-FA47 35,254
Sponsor: Camp Dresser & McKee/US Army Corps of Engineers/DOD
Co-PI:

Geological Sciences

Knapp, Camelia
The Use of Non-Invasive Geophysical Methods for Identifying Possible Karst Induced Stability Problems in Holcim Inc. Quarry Near Holly Hill, South Carolina - 13040-JA08 9,986
Sponsor: Holcim Inc.
Co-PI:

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Lakshmi, Venkataraman <i>Aqua/AMSR-E Soil Moisture Algorithm and Product Improvements - 13040-FA84</i> Sponsor: Jet Propulsion Laboratory/NASA Co-PI:	38,235
Owens, Thomas <i>IRIS FISSURES Development Center - 13040-FB19</i> Sponsor: Incorporated Research Institutions for Seismology (IRIS)/NSF Co-PI:	5,800
Mathematics	
Sharpley, Robert <i>Multiresolution Methods for Vision-Based Guidance, Navigation and Control - 13060-FA15</i> Sponsor: University of Florida/USAF/DOD Co-PI:	65,000
Physics & Astronomy	
Crawford, Thomas <i>Coherently-Controlled Ultrafast Magnetic Fields for Switching Magnetic Recording Media - 22040-JA01</i> Sponsor: Seagate Technology LLC Co-PI:	90,202
Psychology	
Wilson, Dawn <i>A Qualitative Study on Barriers and Facilitators with Weight Loss in African American Families - 13580-KA36</i> Sponsor: South Carolina Research Authority/Nutrition Research Consortium Co-PI:	18,850
Public Service & Policy Research, Institute for	
Sheheen, Fred <i>Final Phase Civil Rights Anthology Project - 21100-FA18</i> Sponsor: The Humanities Council of SC/NEH Co-PI:	6,100
Science Education, Center for	
Feller, Robert <i>Colleton Professional Development Program - 13090-FJ01</i> Sponsor: SC Department of Education/USDE Co-PI: Singer, Jonathan Lotter, Christine	120,000

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February, 2007 New Awards

Sociology

Simpson, Brent

Doctoral Dissertation Research: Norm Conformity and Social Identity in Collective Action Groups - 13530-FA10 5,928

Sponsor: National Science Foundation (NSF)

Co-PI: Irwin, Kyle

Education, College of

Education

Field, Bruce

Teacher Cadet Program - 15200-G221 6,766

Sponsor: SC Center for Teacher Recruitment

Co-PI:

Seaman, Michael

Coordination of the Centers for Ocean Sciences Education Excellence (COSEE) Network Evaluation - 15290-FA03 68,205

Sponsor: Consortium for Oceanographic Research and Education (CORE)/NSF

Co-PI:

Instruction & Teacher Education

Freeman, Nancy

Improve the Quality of Child Care for South Carolina Families - 15250-FJ17 13,500

Sponsor: SC Department of Social Services/HHS

Co-PI:

Kuhs, Therese

Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2- and 4-Year Colleges - 15250-FJ07 0

Sponsor: US Department of Education (USDE)

Co-PI: Dickey, Ed Thompson, Stephen Zenger, Jane

Engineering & Information Technology, College of

Chemical Engineering

Amiridis, Michael

Synthesis and Characterization of Supported Metal Catalysts for Automotive Applications - 15510-JA44 144,276

Sponsor: Toyota Technical Center, USA, Inc.

Co-PI: Williams, Christopher

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February, 2007 New Awards

Gadala-Maria, Francis

Rheological Measurements on Samples for the Food Industry - 15510-JL00

225

Sponsor: The Stellar Group

Co-PI:

Ploehn, Harry

PFI: Polymer Nanocomposites Manufacturing Partnership - 22040-FA22

600,000

Sponsor: National Science Foundation (NSF)

Co-PI: Pastides, Harris Pond, David zur Loye, Hans-Conrad Karwan, Kirk

Van Zee, John

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

21,875

Sponsor: Various Sponsors

Co-PI: Amiridis, Michael

Computer Science & Engineering**Quan, Gang**

CCLI: Novel Instruction Material Development for Embedded System Education in Undergraduate Curriculum - 15590-FA40

149,788

Sponsor: National Science Foundation (NSF)

Co-PI: Bowles, John

Electrical Engineering**Khan, Asif**

Non-polar Epitaxy for Growth of Quasi-bulk A-GaN (STTR - Phase I) - 15530-FA59

30,000

Sponsor: Sensor Electronics Technology, Inc./Army

Co-PI:

Development of a Large Format, Interface Engineered III-nitride UV Imaging Arrays - 15530-FA61

50,000

Sponsor: Jet Propulsion Laboratory/NASA

Co-PI:

Sudarshan, Tangali

Investigation of Degradation Phenomena in SiC NPN Bipolar Junction Transistors - 15530-FA60

50,000

Sponsor: CREE, Inc./Army Research Lab/DOD

Co-PI:

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February, 2007 New Awards

Mechanical Engineering

Addison, Veronica

An Interactive GIS Based Model for Active Transportation in the Built Environment - 15540-KA15 25,687

Sponsor: Robert Wood Johnson Foundation

Co-PI: Peters, Walter Wilson, Dawn

Reynolds, Anthony

Effects of Defects Study in FSW of 7075-T6 Sheet and Proof of Concept for FSW of 304 Stainless Steel Sheet - 15540-JA35 32,057

Sponsor: Lockheed-Martin

Co-PI:

Medicine, School of

Cell & Developmental Biology & Anatomy

Price, Robert

DAKO ACIS II Image Analysis System for the University of South Carolina - 18020-FQ02 178,850

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

Co-PI:

Internal Medicine

Chang, Lydia

VISION: A Randomized, Double-blind, Placebo-Controlled Study to Evaluate the Safety and Efficacy of the Addition of Inhaled Iloprost in Patients with Pulmonary Arterial Hypertension Receiving Oral Sildenafil - 18190-JA32 9,480

Sponsor: CoTherix, Inc.

Co-PI:

Duffus, Wayne

Abbot RealTime CT/NG Specimen Collection Protocol No.: 9JT-02-04S03-01 - 18190-JA31 40,315

Sponsor: Abbott Molecular, Inc.

Co-PI:

Medicine, School of - (Dean)

Fowler, Stanley

Integration of Physician Training and Biomedical Research in South Carolina - 18360-KJ01 290,000

Sponsor: The Fullerton Foundation, Inc.

Co-PI:

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February, 2007 New Awards

Neuropsychiatry

Narasimhan, Meera

Cannabina and Schizophrenia: Effects of Clozapine (subcontract to NIH award through Dartmouth University) - 18120-FA04 497

Sponsor: Dartmouth Colleg/NIH

Co-PI:

A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of the Safety and Efficacy of Aripiprazole as Adjunctive Therapy in the Treatment of Patients with Major Depressive Disorder - 18120-JA04 102,896

Sponsor: Bristol-Myers Squibb Pharmaceutical Research Institute

Co-PI:

Risperidone Long-Acting for Alcohol and Schizophrenia Treatment (R-Last) - 18120-JA05 28,889

Sponsor: Trustees Dartmouth College/Janssen Medical Affairs

Co-PI:

A Multi-Center, Double-Blind Randomized, Parallel-Group, Placebo-Controlled Phase III Study of the Efficacy and Safety of Quetiapine Furmarate Sustained Release (Seroquel SR) in Combination With an Antidepressant in the Treatment of Patients with Major Dep 9,200

Sponsor: AstraZeneca Pharmaceuticals LP

Co-PI:

Pediatrics

Ferrante, Richard

South Carolina Assistive Technology Program - 18140-FL59 163,165

Sponsor: Rehabilitation Services Administration/USDE

Co-PI:

Schwartz, I. David

Noroditropin National Registry Program - 18140-JA08 8,050

Sponsor: Covance Periapproval Services, Inc.

Co-PI:

Research & Special Projects

Howe, Duncan

Glen Sharp Stroke Prevention Project - 18360-KA01 25,000

Sponsor: USC Educational Foundation

Co-PI:

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Surgery

Bell, Richard McMurtry

Trauma Care Surgical Fellowship for South Carolina - 18200-KL00

100,000

Sponsor: Fullerton Foundation

Co-PI:

Pharmacy, College of

Basic Pharmaceutical Sciences

Petkov, Georgi

Beta-adrenergic Relaxation of Urinary Bladder Smooth Muscle - 11110-FA25

133,733

Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

Co-PI:

Public Health, Arnold School of

Communication Sciences & Disorders

Frank, Elaine

GA: Stephanie Zoch - 11560-JP05

1,388

Sponsor: Blue Choice Health Plan

Co-PI:

Epidemiology & Biostatistics

Cornman, Carol

Dementia Dialogues Revenue Account - 11520-LJ00

540

Sponsor: Various Sponsors

Co-PI:

Hussey, James

GA: Junlong Wu - 11520-KP10

2,515

Sponsor: The Baromedical Research Foundation

Co-PI:

Exercise Science

Blair, Steven

HYPGENE - Genetics, Fitness, Obesity, and Risk of Hypertension (Sub-contract) - 11530-FA33

15,967

Sponsor: Pennington Biomedical Research Center/NIH

Co-PI:

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Health Promotion, Education & Behavior

Cassady, Ann

GA: India Rose - 11540-JP28 1,257

Sponsor: Blue Choice Health Plan

Co-PI: Watkins, Ken

GA: Marlie Floyd - 11540-LP31 7,500

Sponsor: Lexington Medical Center - Health Directions

Co-PI: Watkins, Ken

GA: J. Chris Davis - 11540-LP32 2,850

Sponsor: Palmetto Health - Office of Community Services

Co-PI: Watkins, Ken

GA: Keisha Hightower - 11540-LP33 7,500

Sponsor: Lexington Medical Center-Health Directions

Co-PI: Watkins, Ken

Health Services & Policy Research, Center for

Dauner, Kimberly

Evaluation Subcontract of Implementation of FoCaS Project in Orangeburg, SC
- 11580-KL03 6,900

Sponsor: American Cancer Society, South Atlantic Division, Inc.

Co-PI: Gillam, Pamela

Public Health, Arnold School of - Dean

livet, melanie

Improving Disaster Behavioral Health Response following a Public Health Emergency
or Disaster - 11500-FL11 25,000

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

Co-PI:

Research & Health Sciences, Vice President

Research, Vice President for - (General)

Boccanfuso, Anthony

Jadoo/Millennium Cell Project at Ft. Jackson - 22000-LQ00 40,000

Sponsor: SCRA/Greater Columbia Fuel Cell Challenge

Co-PI:

Sponsored Awards Management (SAM)

February, 2007 New Awards

USC Aiken

USC Aiken

Rhodes, Lynne

National Writing Project Potential Site Funding Application - 17110-FL33

30,000

Sponsor: National Writing Project Corporation/USDE

Co-PI: Rhodes, Lynne

USC Salkehatchie

USC Salkehatchie

Carmichael, Ann

Salkehatchie Nursing Program BlueCross/BlueShield of SC - 17660-KL19

149,940

Sponsor: Western Carolina Higher Education Commission/ Blue Cross Blue Shield
Fdn of SC

Co-PI:

USC Upstate

USC Upstate

Timonov, Alex

*U.S. Army Research Laboratory and U.S. Army Research Office (ARO) grant
W911NF-05-0378 - 17880-FA09*

23,000

Sponsor: University of North Carolina at Charlotte/ARO

Co-PI:

Report Total:

\$4,153,342