

Sponsored Awards Management (SAM)

February, 2009 New Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Cobb, Charles

Purchase of State-of-the Art Sub-bottom Profiling Equipment - 21300-FQ01 41,600

Sponsor: SC EPSCoR/NSF

Co-PI: Amer, Christopher White, Scott

Dawson, Audrey

Survey of the Proposed Florence/Darlington Technical College (FDTC) FMS Site - 21300-FA54 5,889

Sponsor: SC Army National Guard/DOD

Co-PI:

Baruch Institute

Porter, Dwayne

The Implementation of Low Impact Development Practices for Coastal South Carolina: The Oak Terrace Preserve Research Project - 21600-FB65 72,535

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Biological Sciences

Ely, Berten

REU Site: Undergraduate Research in Integrative Evolutionary Biology - 13010-FA89 98,914

Sponsor: National Science Foundation (NSF)

Co-PI: Hughes, Austin

Stratmann, Johannes

Role of the COP9 Signalosome and its Subunit CSN5 for Regulation of MAPK Pathways and Defense Responses in Tomato. - 13010-FB40 150,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Tufford, Daniel

Lake Wateree Water Quality Data Acquisition and Analysis - 13010-KA41 2,940

Sponsor: Lake Wateree Association

Co-PI: Tufford, Daniel

Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea-Level Conditions - 21600-FB64 46,890

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Chemistry & Biochemistry

Murphy, Catherine

Journal of Physical Chemistry Editorship - 13020-KL00

3,350

Sponsor: American Chemical Society

Co-PI:

zur Loye, Hans-Conrad

SCUREF: SC0230 Amide/Borohydride Structural Analysis - 13020-FB62

37,391

Sponsor: SCUREF/WSRC/DOE

Co-PI:

Earth Sciences & Resources Institute

Kloot, Robin

Lake Wateree Water Quality Data Acquisition and Analysis - 24400-KA08

12,060

Sponsor: Lake Wateree Association

Co-PI: Tufford, Daniel

Shafer, John

Aquifer Dewatering Operational Assessment at the Holcim, Inc. Quarry at Holly Hill, South Carolina - 24400-JA16

50,000

Sponsor: Holcim USA, Inc.

Co-PI:

Environment, School of the

Coull, Bruce

South Carolina Lowcountry Initiative of the Center for Humans and Nature Supplemental Funding - 10060-KL04

28,000

Sponsor: Center for Humans and Nature

Co-PI:

Geological Sciences

Benitez-Nelson, Claudia

Persistence and Fate of Domoic Acid in the Santa Barbara Basin - 13040-FB60

440,929

Sponsor: National Science Foundation(NSF)

Co-PI:

Owens, Thomas

Cooperative Mid-America Integrated Seismic Network-USC - 13040-FL00

90,000

Sponsor: US Geological Survey (USGS)/DOI

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Yogodzinski, Gene

Upgrade of Electron Microprobe Facilities for Geological and Materials Research at the University of South Carolina - 13040-FB61 166,853

Sponsor: National Science Foundation (NSF)

Co-PI: Bizimis, Michael Barbeau, David Zhao, Donggao

Mathematics

DeVore, Ronald

Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data - 13060-FA35 930,000

Sponsor: US Army Reasearch Office (ARO)

Co-PI: Sharpley, Robert Binev, Peter

Vraciu, Adela

Closure Operations in Positive Characteristic - 13060-FA58 20,246

Sponsor: National Security Agency(NSA)

Co-PI:

Political Science

Tyer, Charlie

GA: James Broom - 13570-HP24 5,941

Sponsor: Municipal Association of SC

Co-PI:

Psychology

Kelly, Sandra

Alcohol Exposure, Social Behavior and Development - 13580-FA43 7,925

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

Co-PI:

Roberts, Jane

Molecular-Clinical Correlates in Fragile X Syndrome - 13580-KA58 5,583

Sponsor: National Fragile X Foundation

Co-PI:

Public Service & Policy Research, Institute for

Oldendick, Robert

Conducting a Statewide Child Care Market Rate Survey, Collecting and Analyzing Survey Data - 21100-FL29 26,056

Sponsor: SC Department of Social Services/HHS

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Tomes, William

*Selection Procedure Development, Administration and Scoring for the City of
Columbia Fire Department-2009 Promotions - 21100-HL04*

42,250

Sponsor: City of Columbia

Co-PI:

Business, Moore School of

Business, Moore School of - Division of Research

McInnes, Melayne

*Doctoral Dissertation Research: The Influence of Birth Order on Risk Attitudes and
Behaviors - 21200-FA18*

6,500

Sponsor: National Science Foundation (NSF)

Co-PI: Morgan, Erica

Woodward, Douglas

*The Economic Impact of SPAWAR
- 21200-GA12*

50,000

Sponsor: SC Research Authority (SCRA)

Co-PI:

Education, College of

Office of Program Evaluation

Yap, Ching Ching

*Standards-Based Arts Assessment in South Carolina: Music and Visual Arts
Assessments for Distinguished Arts Programs (2008-2009) - 15290-GL35*

40,849

Sponsor: SC School Districts/SCDE

Co-PI:

Engineering & Computing, College of

Chemical Engineering

Ploehn, Harry

*Energy Storage and Dissipation Mechanisms in Elastomeric Polymer Nanocomposites
- 15510-JA80*

50,000

Sponsor: Michelin North America, Inc.

Co-PI: zur Loye, Hans-Conrad Sandberg, William

Sponsored Awards Management (SAM)

February, 2009 New Awards

Van Zee, John

Collaborative Research: Center for Fuel Cells: a Multi-University I/UCRC - 15510-FB44 53,000

Sponsor: National Science Foundation (NSF)

Co-PI:

I/UCRC Fuel Cell Center - Operating Account - 15510-JA11 35,000

Sponsor: Various Sponsors

Co-PI: Amiridis, Michael

Accelerating the Development of the PEMFCs: A Proposal for the Scientific Fellowship Program between Fraunhofer Institutes and US-American Centers of Excellence (Prof .x2) - 15510-KA35 10,749

Sponsor: Fraunhofer Institutes

Co-PI:

Weidner, John

Nano-structured Electrodes for High Efficient Solar Hydrogen Production by Means of PEM Water Electrolysis - 15510-JA79 136,968

Sponsor: E.ON AG

Co-PI:

White, Ralph

Optimal Design of Compact Fuel Cell Hybrid Power Systems (STTR - Phase II) - 15510-FB26 225,000

Sponsor: IDV (Interactive Data Visualization, Inc.)/US Army

Co-PI: Gatzke, Edward Santi, Enrico

Civil & Environmental Engineering

Ziehl, Paul

Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis - 15520-FA67 398,874

Sponsor: Physical Acoustics/NIST

Co-PI: Giurgiutiu, Victor Caicedo, Juan Huynh, Nathan Gassman, Sarah

Computer Science & Engineering

Eastman, Caroline

USC Participation in STARS Alliance for Broadening Participation in Computing - 15590-FA45 22,261

Sponsor: University of North Carolina at Charlotte/NSF

Co-PI: Bowles, John

Sponsored Awards Management (SAM)

February, 2009 New Awards

Electrical Engineering

Khan, Asif

OSRAM Sylvaniz AlGaIn Development - 15530-JA16 75,000

Sponsor: OSRAM SYLVANIA, Inc.

Co-PI:

Monti, Antonello

Frequency-Agile Wide-Bandwidth Power Interface to Support Incremental Virtual Prototyping - 15530-FA63 150,000

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI: Simin, Grigory Santi, Enrico Bakos, Jason

Simin, Grigory

High Performance Integrated Insulated-Gate III-Nitride RF Switches - 15530-FA84 133,638

Sponsor: Rensselaer Polytechnic Institute/ONR

Co-PI:

Mechanical Engineering

Chen, Fanglin

Nanocrystalline Ceramics Synthesis and Characterization - 15540-FB16 22,707

Sponsor: SC Universities Research and Education Foundation (SCUREF) / Savannah River National Laboratory/DOE

Co-PI:

Li, Xiaodong

Nanoscale Deformation and Toughening Mechanisms of Nacre - 15540-FA86 100,000

Sponsor: US Army Research Office (ARO)/DOD

Co-PI:

Understanding and Preventing Nanocarpet Effect - 15540-FB05 93,937

Sponsor: University of Georgia/NSF

Co-PI:

SC Alliance for Minority Participation (SCAMP)

Perkins, Michael

SCAMP State Matching Funds for 15580-FA04 (Year 2) - 15580-GA17 24,409

Sponsor: SC State University

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Honors College, South Carolina

Honors College, South Carolina

Tanner, Patsy

Center One at Fort Jackson - 12010-FA04

50,000

Sponsor: Fort Jackson/US Army/DOD

Co-PI:

Hospitality, Retail & Sport Management, College of

Hotel, Restaurant & Tourism Administration

Harrill, Richard

Salkehatchie Lures Marketing Plan - 14050-FL01

20,000

Sponsor: Western Carolina Commission for Higher Education/USDA

Co-PI: Carpenter, Jason

Law, School of

Children's Law Center

Morris, Carolyn

Operation of the Children's Law Center - 15810-FL12

136,606

Sponsor: SC Department of Social Services/HHS

Co-PI:

Support of Children's Justice Act Task Force - 15810-FL13

60,095

Sponsor: SC Department of Social Services/HHS

Co-PI:

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Besley, John

SGER Proposal: Testing the Role of Morality Judgements on the Impact of Procedural and Outcome Fairness Perceptions in the Context of Public Hearings About Nuclear Energy - 15600-FA02

9,349

Sponsor: National Science Foundation (NSF)

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Collins, Erik

GA: Jenna Powers-Dingus - 15600-KP10

5,033

Sponsor: South Carolina Press Association

Co-PI:

Covington, Randy

Municipal Association of SC - 15600-KJ04

1,500

Sponsor: Municipal Association of SC

Co-PI:

Cross Media Training for NATO - 15600-LJ01

20,000

Sponsor: Supreme Headquarters Allied Powers Europe/NATO

Co-PI:

Medicine, School of

Family & Preventive Medicine

Mann, Joshua

Genitourinary Infections During Pregnancy and Risk of Epilepsy, Autism, and
ADHD - 18130-FA12

91,450

Sponsor: Health Resources and Services Administration(HRSA)/HHS

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Internal Medicine

Albrecht, Helmut

Ryan White HIV/AIDS Treatment Modernization Act - Part B (ADAP Insurance) - 18190-FL57 20,000

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

Co-PI: Raley, Nancy

Ryan White HIV/AIDS Treatment Modernization Act - Part B (Base funds) - 18190-FL64 3,470,369

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

Co-PI: Raley, Nancy

Ryan White HIV/AIDS Treatment Modernization Act - Part B (Emerging Communities) - 18190-FL65 395,971

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

Co-PI: Raley, Nancy

Ryan White HIV/AIDS Treatment Modernization Act - Part B (SC ADAP Insurance) - 18190-FL67 100,000

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

Co-PI: Raley, Nancy

Merck & Co., Inc. MK-0518 Protocol #055-00: A Phase III Open-Lab Single Arm Study to Evaluate the Safety, Tolerability, and Efficacy of MK-0518/Raltegravir in a Diverse Cohort of HIV-Infected Patients - 18190-JA48 8,650

Sponsor: Merck & Company, Inc.

Co-PI:

Duffus, Wayne

Missed Opportunity for Early HIV Diagnosis in Correctional and Reproductive Health Care Settings - 18190-JA45 21,972

Sponsor: Gilead Pharmaceuticals

Co-PI: Albrecht, Helmut

Owens, William

ACCESS: A Controlled Comparison of Eritoran Tetrasodium and Placebo in Patients with Severe Sepsis - 18190-JA35 187

Sponsor: Eisai Medical Research, Inc.

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Parker, R David

Housing Case Management for Persons with Disabilities - 18190-FL59 6,624

Sponsor: The Healing Properties, Inc./HOPWA/HUD

Co-PI:

DHEC HOPWA Career Services Program - 18190-FL66 56,000

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

Co-PI: Albrecht, Helmut

Neuropsychiatry

Mrelashvili, Davit

Gene Expression and Diagnosis of Autoimmune Disease - 18120-JA12 500

Sponsor: Arthrochip, LLC

Co-PI:

Pathology & Microbiology

Pirisi-Creek, Lucia

Papillomavirus Conferences 2007-12 - 18060-FA34 11,700

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Ray, Swapan

Differentiation and Apoptosis in Malignant Neuroblastoma - 18060-FA40 35,500

Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH

Co-PI:

Pediatrics

Schwartz, I. David

The Genetics and Neuroendocrinology of Short Stature Interantional Study - 18140-JA13 492

Sponsor: Eli Lilly & Company

Co-PI:

Pharmacology, Physiology & Neuroscience

Mott, David

Neuregulin Modulation of Synaptic Plasticity in Epilepsy - 18080-KA30 20,000

Sponsor: Epilepsy Foundation

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Sweitzer, Sarah

Developmental Regulation of Endothelin Pain - 18080-FA15

233,291

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

Co-PI:

Nursing, College of

Nursing

Messias, DeAnne

Subcontract: ENLACE: A Partnership to Promote Physical Activity Among Mexican Immigrant Women - 11200-FA09

74,067

Sponsor: The University of Texas Health Sciences Center at San Antonio/NIH

Co-PI: Sharpe, Patricia

Pharmacy, SC College of

Clinical Pharmacy and Outcome Sciences

Bookstaver, Brandon

Bioactivity of Echinocandin Lock Solutions Against Non-albicans Candida Isolates - 11150-JA08

23,404

Sponsor: Astellas Pharma Global Development, Inc.

Co-PI: Tebbs, Joshua

Pharmaceutical and Biomedical Sciences

McInnes, Campbell

Development of PIM Inhibitors as Anti-cancer Agents - 11100-FA00

25,000

Sponsor: Medical University of South Carolina (MUSC)/NIH

Co-PI: McInnes, Campbell

Drug Design and Synthesis Core - 11100-FA01

25,000

Sponsor: Medical University of South Carolina (MUSC)/NIH

Co-PI:

Public Health, Arnold School of

Epidemiology & Biostatistics

Karmaus, Wilfried

Stress, Endocrine Disruption, and Adverse Pregnancy Outcomes - 11520-FA90

36,000

Sponsor: SC Research Authority (SCRA)/SC EPSCoR/NSF

Co-PI: Sabo-Attwood, Tara Zhang, Hongmei Gregg, Anthony

Sponsored Awards Management (SAM)

February, 2009 New Awards

Liese, Angela

Spatial Epidemiology of Diabetes in the SEARCH for Diabetes in Youth Study - 11590-FA17 258,958

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

Co-PI:

Exercise Science

Kostek, Matthew

MGS: A Drug Dosage Trial in MDX (muscular dystrophy) Mice - 11530-KA34 2,959

Sponsor: USC Research Foundation

Co-PI: Weed, Patricia

Pate, Russ

Partnerships with Title One Schools to Reduce Health Disparities - sub-contract with MUSC - 11530-KA33 24,129

Sponsor: MUSC/Duke Endowment

Co-PI:

Health Promotion, Education & Behavior

Brandt, Heather

Community Navigation for Colorectal Cancer Prevention and Control - 18300-KA32 199,960

Sponsor: The Duke Endowment

Co-PI: Adams, Swann Annang, Lucy Swan, Suzanne

Translating an Efficacious HPV Vaccine into the Control of Cervical Cancer - 22080-FA16 7,076

Sponsor: Medical University of South Carolina (MUSC)/NIH

Co-PI:

Thrasher, James

Cigarette Warning Label Policy and Trajectories of Cognitive Processing: A Latent Curve Approach to Assessing Individual Variation and its Behavioral Impacts - 11540-KA23 23,472

Sponsor: Roswell Park Cancer Institute

Co-PI: DiStefano, Christine

Health Services Policy and Management

Probst, Janice

GA: Kristen Schuller - 11550-JP98 6,528

Sponsor: BlueCross BlueShield of South Carolina

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

Prevention Research Center

Hooker, Steven

Impact of oPhysical Activity on Stroke and Cognitive Function in Older Adults -
11570-FA82

591,323

Sponsor: National Institute of Neurological Disorders and Stroke (NINDS)/NIH

Co-PI: Blair, Steven Colabianchi, Natalie Vena, John

Social Work, College of

Social Work, College of

Wolfer, Terry

Maintaining Vital Connections Between Faith Communities and Their Organizations -
15900-KA14

8,652

Sponsor: University of Baltimore/The Lilly Endowment, Inc.

Co-PI:

USC Aiken

USC Aiken

Martin, Deidre

Edgewood - Stage of Southern History: A Documentary about the Pickens-Salley
House
- 17110-FL40

1,500

Sponsor: The Humanities Council of SC/NEH

Co-PI:

Edgewood - Stage of Southern History: A Documentary about the Pickens-Salley
House - 17110-FL41

8,000

Sponsor: The Humanities Council of SC/NEH

Co-PI:

USC Salkehatchie

USC Salkehatchie

Rice, Anne

Strategic Tourism Plan for the Salkehathcie Region - 17660-FL23

3,297

Sponsor: Western Carolina Higher Education Commission/USDA

Co-PI:

Sponsored Awards Management (SAM)

February, 2009 New Awards

USC Sumter

USC Sumter

Ross, Michelle

2nd Annual Jack Doyle Storytelling Festival - 17440-HL08

1,155

Sponsor: Sumter County Cultural Commission

Co-PI: Reese, Michele

Report Total:

\$10,010,013