

Sponsored Awards Management (SAM)

March, 2005 New Awards

Arts and Sciences, College of

Anthropology

Leatherman, Thomas

GA: Sara Kautz - (13590-GP00)

3,000

Sponsor: SC Department of Natural Resources

Co-PI:

Archaeology & Anthropology, SC Institute of

Brooks, Mark

Cultural Resource Management on the SRS - (21300-F110)

250,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Herron, Tammy

Ground Truthing of Remote Sensing Anomalies at Silver Bluff Site, Aiken County, South Carolina - (21300-FA26)

18,182

Sponsor: US Army Construction Eng. Research Laboratory (CERL)/DOD

Co-PI:

Biological Sciences

Dewey, Michael

A Genetic Stock Center for *Peromyscus* - (13010-FA88)

15,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Hughes, Austin

Evolution of Immune Recognition and Evasion - (13010-FA52)

143,088

Sponsor: National Institutes of Health (NIH)

Co-PI:

Interdisciplinary Team for the Study of the Evolutionary Origin of Flight in Birds - (13010-FA85)

9,964

Sponsor: SC EPSCoR Program/IDeA Program/NSF

Co-PI: Hughes, Austin Sawyer, Roger Glenn, Travis Glenn, Nancy

Pinckney, James

Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas - (13010-FA86)

40,880

Sponsor: University of North Carolina at Chapel Hill/NSF

Co-PI:

Sponsored Awards Management (SAM)

March, 2005 New Awards

Vance, Vicki <i>Small RNAs in Rice and Maize - (13010-FA87)</i> Sponsor: National Science Foundation (NSF) Co-PI: Bowman, Lewis	444,705
Woodin, Sarah <i>Expansion to Real-Time Measurements of Sediment Modification by Large Macrofauna - (13010-FA49)</i> Sponsor: Office of Naval Research (ONR)/DOD Co-PI:	26,481
Chemistry & Biochemistry	
Ferry, John <i>Preparation of Analytical Standards for use in HAB Research - (13020-FA81)</i> Sponsor: National Oceanic and Atmospheric Administration (NOAA)/DOC Co-PI: Shimizu, Ken	46,484
Myrick, Michael <i>Support for a Symposium on Polymer Nanocomposites - (22040-FA18)</i> Sponsor: SC EPSCoR Program/NSF Co-PI:	10,000
Wuthier, Roy <i>Role of Matrix Vesicles in Calcification - (13020-FA35)</i> Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMS)/NIH Co-PI:	60,000
zur Loye, Hans-Conrad <i>Structural Investigations of Complex Oxides Using Synchrotron Radiation - (13020-FA60)</i> Sponsor: US Department of Energy (DOE) Co-PI:	149,978
<i>Planning Grant to Develop an IUCRC and GOALI for Polymer Nanocomposites - (13020-FA80)</i> Sponsor: SC EPSCoR Program/NSF Co-PI:	3,000

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March, 2005 New Awards

COBRE: Center for Colon Cancer Research

Berger, Franklin

Genetics of the Hepatic Acute Phase Response - (13010-FA30)

93,282

Sponsor: Roswell Park Cancer Institute/NIH

Co-PI:

English

Williams, Harriett

National Writing Project - (12530-FL03)

5,000

Sponsor: National Writing Project Corporation/USDE

Co-PI:

Geography

Mock, Cary

Baseline Methods for Reconstructing United States 19th Century Climatic Extremes from Historical Data - (13540-FA25)

40,630

Sponsor: National Science Foundation (NSF)

Co-PI:

Power, Helen

Climatic Influences on the Spatial and Temporal Variability of Aerosols over North America - (13540-FA24)

47,037

Sponsor: National Science Foundation (NSF)

Co-PI: Sheridan, Scott

Geological Sciences

Kohn, Matthew

Extensional Unroofing of the Central Menderes Metamorphic Complex, Southwestern Turkey - (13040-FA96)

50,319

Sponsor: National Science Foundation (NSF)

Co-PI:

Moore, Willard

A Pilot Study to Investigate the Possible Linkages Between Submarine Groundwater Fluxes and Amphitheater-Shaped Scarps - (13040-FA98)

15,000

Sponsor: University of North Carolina at Wilmington/PR Sea Grant/NOAA

Co-PI:

Owens, Thomas

Collaborative Research: Lithospheric Foundering Beneath the Sierra Nevada - (13040-FA97)

91,736

Sponsor: National Science Foundation (NSF)

Co-PI:

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March, 2005 New Awards

Talwani, Pradeep <i>Cooperative Central and Southeast US Integrated Seismic Network-USC - (13040-FA72)</i> Sponsor: US Geological Survey/DOI Co-PI:	62,333
Voulgaris, George <i>CORMP 2003-2004: Particle Size Characterization of the Cape Fear Plume - (13040-FA60)</i> Sponsor: UNC at Wilmington/NOAA Co-PI:	15,221
Wilson, Alicia <i>Understanding Long-Term Solute Transport in Sedimentary Basins: Simulation Brine Migration in the Alberta Basin, Canada - (13040-FA74)</i> Sponsor: US Department of Energy (DOE) Co-PI:	53,858
Mathematics	
DeVore, Ronald <i>Highly Effective Geospatial Representation and Analysis - (13060-FA21)</i> Sponsor: Defense Advanced Research Projects Agency (DARPA)/DSO/DOD Co-PI: Petrushev, Pencho Sharpley, Robert	10,000
Physics & Astronomy	
Blanpied, Gary <i>Simulation of the Use of Cosmic Rays for Radiography - (13070-FA52)</i> Sponsor: Los Alamos National Laboratory/DOE Co-PI:	38,000
Prozorov, Ruslan <i>CAREER: Novel Superconducting and Magnetic NanoComposites - (13070-FA53)</i> Sponsor: National Science Foundation (NSF) Co-PI:	160,000
Psychology	
Richards, John <i>Development of Sustained Attention in Infants - (13580-FA04)</i> Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH Co-PI:	260,100

Sponsored Awards Management (SAM)

March, 2005 New Awards

Public Service & Policy Research, Institute for

Oldendick, Robert

National Evaluation of the Free to Grow Program - (21100-FL09)

150,910

Sponsor: Wake Forest University/DOJ

Co-PI:

The Provision of Consumer and Family Surveys - (21100-GL11)

12,500

Sponsor: SC Department of Disabilities and Special Needs

Co-PI:

Science Education, Center for

Feller, Robert

Control of Saltmarsh Cordgrass by Blue Crab Predation on Periwinkle Snails: An Immunological Gut Check - (21600-FA80)

45,000

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Business, Moore School of

Business, Moore School of - Division of Research

Teel, Sandra

2005 South Carolina Investor Profile - (21200-GA04)

2,750

Sponsor: SC Department of Commerce

Co-PI:

Education, College of

Educational Studies, Department of

Lowrey, Karen

South Carolina State Improvement Grant (SIG) - (15240-FL03)

12,500

Sponsor: SC Department of Education/USDE

Co-PI:

Yell, Mitchell

South Carolina State Improvement Grant - (15240-FL02)

25,000

Sponsor: SC Department of Education/USDE

Co-PI: Marshall, Kathleen

Sponsored Awards Management (SAM)

March, 2005 New Awards

Instruction & Teacher Education

Bailey, Lora

Increasing Second and Third Grade Teachers' Mathematics Knowledge Using Standards-Based Instructional Strategies and Homework Assignments - (15250-FJ09) 85,055

Sponsor: SC Commission on Higher Education/USDE

Co-PI: Johnson, George

Stephens, Diane

SCRI 2004-2005 - (15250-GJ12) 16,000

Sponsor: SC Department of Education

Co-PI:

Office of Program Evaluation

Yap, Ching Ching

Arts Assessment Institute - (15290-GJ01) 10,000

Sponsor: Arts in Basic Curriculum Project/Winthrop University

Co-PI:

Arts in Education Project II - (15290-GL13) 11,500

Sponsor: SC Arts Commission

Co-PI:

Engineering & Information Technology, College of

Chemical Engineering

Gadala-Maria, Francis

Plan to Increase the Number of Minority Ph.D. Graduates from the Department of Chemical Engineering at USC - (15510-KJ00) 2,000

Sponsor: Alfred P. Sloan Foundation/NACME

Co-PI:

Popov, Branko

DURIP Proposal to Acquire Fishcroscope XDAL and Mini Plating Plant - (15510-FQ02) 67,425

Sponsor: Office of Naval Research/DOD

Co-PI:

Sponsored Awards Management (SAM)

March, 2005 New Awards

Van Zee, John <i>DOE Award Number DE-FC36-03GO13097 USC Subcontract - (15510-FA62)</i> Sponsor: Plug Power/DOE Co-PI: Shimpalee, Sirivatch	49,670
 <i>I/UCRC Fuel Cell Center - Operating Account - (15510-JA11)</i> Sponsor: Various Sponsors Co-PI:	132,500
Computer Science & Engineering	
Huhns, Michael <i>Virtual Soldier Project - (15590-FA20)</i> Sponsor: UT-Battelle, LLC/DOE Co-PI:	23,429
Valtorta, Marco <i>Prior and Tacit Knowledge Services - (15590-FA25)</i> Sponsor: Georgia Institute of Technology/DOD Co-PI: Huhns, Michael	79,753
Electrical Engineering	
Dougal, Roger <i>S3D: Integrative Environment for Design of Dynamic Ship Systems - (15530-FA32)</i> Sponsor: Florida State/ONR/DOD Co-PI: Monti, Antonello	334,000
Khan, M. Asif <i>III-Nitride MOSHFET Based Advanced RF Circuits - (15530-FA36)</i> Sponsor: US Army SMDC/DOD Co-PI: Simin, Grigory	4,202,099
Shin, YongJune <i>Diagnostics & Treatment of Electric Wiring Systems in Aging Aircraft - (15530-FA39)</i> Sponsor: SC EPSCoR Program/NASA Co-PI: Dougal, Roger	30,000
 <i>Diagnostics & Treatment of Electric Wiring Systems in Aging Aircraft - State Matching Account - (15530-GA01)</i> Sponsor: SC EPSCoR Program/SCRA Co-PI: Dougal, Roger	20,760

Sponsored Awards Management (SAM)

March, 2005 New Awards

Mechanical Engineering

Khan, Jamil

An Innovative High Thermal Conductivity Fuel Design - (15540-FA47) 37,030

Sponsor: US Department of Energy (DOE)

Co-PI:

Li, Xiaodong

Fabrication of Super-Tough, Ultra-High Temperature Resistant Nacre-Like Nanostructured Composites for Aeronautics and Space Applications - (15540-FA54) 30,000

Sponsor: College of Charleston/NASA

Co-PI:

Development of Lightweight, Super-Tough and Ultra-High Temperature Resistant Nacre-Like Nanocomposites - (15540-GA07) 12,266

Sponsor: SC EPSCoR Program/SCRA

Co-PI:

Lyons, Jed

Graduate Teaching Fellows Enhancing STEM Education in South Carolina Schools - (15540-FJ02) 492,023

Sponsor: National Science Foundation (NSF)

Co-PI: Ebert, Christine Sawyer, Roger Thompson, Stephen

Reynolds, Anthony

Ballistic Shields - (15540-FA43) 731,781

Sponsor: US Army Research Laboratory/DOD

Co-PI: Sutton, Michael Giurgiutiu, Victor

Sponsored Awards Management (SAM)

March, 2005 New Awards

Sutton, Michael

Transfer of Technology for Automated Crack Growth Simulations to USAF - (15540-FA41) 279,000

Sponsor: S&K Technologies/US Air Force/DOD
Co-PI: Deng, Xiaomin

Computational and Experimental Studies to Demonstrate Accuracy of CRACK3D: Stable Tearing Predictions Using Large Deformation Kinematics and General 3D Crack Growth Algorithms under Mixed Mode Loading Conditions - (15540-FA53) 123,600

Sponsor: Anteon Corporation/USAF/DOD
Co-PI: Deng, Xiaomin

Development and Validation of a Digital Image Correlation-based Methodology for Accurate Nano-scale Metrology using SEM and AFM Imaging Systems - (15540-JA22) 200,000

Sponsor: Intel Corporation
Co-PI: Li, Xiaodong

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Jackson, Patricia

Communications Training Course - (15600-FL27) 74,003

Sponsor: Social Security Administration (SSA)
Co-PI:

Mass Communications & Information Studies, College of

Priest, Susanna

Nanotechnology and Biotechnology: Understanding Responses of U.S. and Canadian Citizens - (15710-FA00) 58,257

Sponsor: National Science Foundation (NSF)
Co-PI:

Medicine, School of

Cell & Developmental Biology & Anatomy

Borg, Thomas

Integrin Shedding in the Heart: In Vivo and in Vitro - (18020-FA08) 361,250

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

Sponsored Awards Management (SAM)

March, 2005 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:	310,644
Family & Preventive Medicine	
Baxley, Elizabeth <i>Innovations in Primary Care Dissemination Project - (18130-KJ00)</i> Sponsor: Fullerton Foundation Co-PI:	20,000
McDermott, Suzanne <i>SC Disability and Health Project 18130-FL06 12/8/04 - (18130-FL07)</i> Sponsor: Centers for Disease Control (CDC)/HHS Co-PI:	100,000
Internal Medicine	
Lin, Tu <i>A Randomized Comparator, Controlled, Double-Blinded Study of the Pioglitazone HCl versus Glyburide with Metformin and Insulin as Part of Step Therapy in Subjects with Type 2 (Non-Insulin Dependent) Diabetes - (18190-JA02)</i> Sponsor: Ingenix Pharmaceutical Services Co-PI:	1,206

Sponsored Awards Management (SAM)

March, 2005 New Awards

Talwani, Rohit <i>Midlands Care Consortium - Ryan White Services - (18190-FL25)</i> Sponsor: SC Department of Health & Environmental Control/HHS Co-PI:	1,881,169
<i>Midlands Care Consortium - Ryan White Services - (18190-FL26)</i> Sponsor: SC Department of Health & Environmental Control/HHS Co-PI:	50,000
<i>Midlands Care Consortium - Ryan White Services - (18190-FL27)</i> Sponsor: SC Department of Health & Environmental Control/HHS Co-PI:	303,864
<i>Midlands Care Consortium - Ryan White Services - (18190-FL28)</i> Sponsor: SC Department of Health & Environmental Control/HHS Co-PI:	32,858
<i>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)</i> Sponsor: GlaxoSmithKline Co-PI: Horvath, Joseph	1,236
<i>A 12-Week, Prospective, Open-label, Multicenter, Cohort Study to Assess HIV-Patient Quality of Life and Tolerability After Administration of Enfuvirtide-Containing HAART (QUALITE) - (18190-JA24)</i> Sponsor: Roche Laboratories Inc. Co-PI: Horvath, Joseph	1,500
Medicine, School of - (Dean) Fowler, Stanley <i>South Carolina Consortium for Cardiovascular Disease and Stroke - (18360-L100)</i> Sponsor: Palmetto Health Alliance Co-PI:	7,500

Sponsored Awards Management (SAM)

March, 2005 New Awards

Pediatrics

Neuberg, Ronnie

Children's Oncology Group/National Childhood Cancer Foundation - (18140-FA06)

8,000

Sponsor: National Childhood Cancer Foundation/NCI/NIH

Co-PI:

Schwartz, I. David

Kabi International Growth Study - (18140-JA02)

1,200

Sponsor: Pharmacia Corporation

Co-PI:

Trial HGH 21476-Novo Nordisk Pharmaceuticals - (18140-JA03)

6,000

Sponsor: Novo Nordisk Pharmaceuticals, Inc.

Co-PI:

Noroditropin National Registry Program - (18140-JA08)

1,450

Sponsor: Covance Periapproval Services, Inc.

Co-PI:

Surgery

Yost, Michael

Tissue Engineered Artificial Myocardium - (18200-FA00)

139,644

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

Co-PI:

Music, School of

Music, School of

Barnes, Gail

Pulling Strings For Children - (12550-KL01)

6,000

Sponsor: Junior League of Columbia

Co-PI:

Sponsored Awards Management (SAM)

March, 2005 New Awards

Nursing, College of

Nursing

Scharer, Kathleen

Social Support for Mothers of Mentally Ill Children - (11200-FA03)

3,674

Sponsor: National Institute of Nursing Research (NINR)/NIH

Co-PI: Moneyham, Linda

Pharmacy, College of

Palmetto Poison Center

Michels, Jill

South Carolina Poison Center Certification Project - (11140-FL04)

59,767

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

Co-PI:

Public Health, Arnold School of

Environmental Health Sciences

Decho, Alan

Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas - (11510-FA34)

40,279

Sponsor: University of North Carolina/NSF

Co-PI:

Newman, Lee

Phytoremediation - (11510-FA90)

15,000

Sponsor: University of Washington/NIH

Co-PI:

Sponsored Awards Management (SAM)

March, 2005 New Awards

Epidemiology & Biostatistics

Hebert, James

Oral Cancer Prevention and Control: Statewide Perspective - (11520-FA54) 372,576

Sponsor: Medical University of South Carolina/CDC

Co-PI: Adams, Swann

Informed Decision Making for Prostate Cancer - (11520-FA55) 161,914

Sponsor: University of Texas Health Science Center at Houston/CDC

Co-PI:

*Community Participatory Health Promotion and Disease Prevention Expansion
(supplement to PRC) - (11570-FA55)* 100,000

Sponsor: Center for Disease Control (CDC)/HHS

Co-PI:

Health Promotion, Education & Behavior

Richter, Donna

*Contract with DHEC for the Director of the South Carolina Office of Public Health
Consortium - (11500-FL07)* 43,000

Sponsor: SC Department of Health & Environmental Control/HHS

Co-PI:

Usdan, Stuart

Evaluation of the Recovering Professionals Program - (11540-HL01) 14,804

Sponsor: Lexington/Richland Alcohol and Drug Abuse Commission (LRADAC)

Co-PI:

Health Services & Policy Research, Center for

Laditka, James

Evaluation of Surveillance for Mild Traumatic Brain Injury - (11580-FA10) 8,630

Sponsor: SC Department of Health and Environmental Control/HHS

Co-PI:

Sponsored Awards Management (SAM)

March, 2005 New Awards

Health Services Policy and Management

McTigue, James

GA: LeRyah Puffer - (11550-HP01)

2,211

Sponsor: Lexington County Recreation & Aging Commission

Co-PI:

Public Health, Arnold School of - Dean

Corwin, Sara

Year 2 Evaluation of Knight Funded Arts-based After School Programs - (11500-KL02)

125,500

Sponsor: John S. and James L. Knight Foundation

Co-PI: Oglesby, Willie

Research & Nutrition & Health Disparities, Center for

Mayer-Davis, Elizabeth

Diabetes Prevention Program Outcomes Study (DDPOS) - (11590-FA07)

40,680

Sponsor: George Washington University/NIH

Co-PI:

Type 1 Diabetes Genetics Consortium - (11590-FL00)

7,998

Sponsor: Benaroya Research Institute at Virginia Mason/NIH

Co-PI:

Research & Health Sciences, Vice President

Families in Society, Institute for

Flerx, Vicki

Bullying Prevention Program Dissemination - (10010-LL00)

15,836

Sponsor: Clemson University

Co-PI:

Lopez-DeFede, Ana

Enhancing TB Programs' Capacity for Self-Evaluation; Testing New Tools and Developing an Evaluation Toolkit - (10010-FA29)

38,169

Sponsor: RTI International/CDC/HHS

Co-PI: Harris, Muriel

Sponsored Awards Management (SAM)

March, 2005 New Awards

Social Work, College of

Social Work, College of

Bond, Pamela

The Purchase of Social Work Training for DSS Staff and Agents - (15900-FJ15)

5,136,095

Sponsor: SC Department of Social Services/HHS

Co-PI:

Flynn, Cynthia

South Carolina Interagency Deaf-Blind Project - (15900-FL25)

2,500

Sponsor: SC School for the Deaf and Blind/USDE

Co-PI:

USC Aiken

USC Aiken

Priest, Jeffrey

2005 Advanced Placement Teacher Institutes - (17110-GL26)

48,227

Sponsor: SC Department of Education

Co-PI:

K-5 Enhancement Review Project - (17110-GL27)

9,988

Sponsor: South Carolina Department of Education

Co-PI:

USC Beaufort

USC Beaufort

Hill, Bryan

Leadership Development Program - (17220-KL11)

10,000

Sponsor: Sunshine Lady Foundation, Inc.

Co-PI:

USC Salkehatchie

USC Salkehatchie

Chavous, Warren

USC Salkehatchie Summer Scholars 2005 - (17660-KL15)

29,000

Sponsor: Gaylord and Dorothy Donnelley Foundation

Co-PI:

Sponsored Awards Management (SAM)

March, 2005 New Awards

Rice, Anne
USC Salkehatchie Entrepreneurial Development Center Project - (17660-FL06) 74,360
Sponsor: Western Carolina Higher Education Commission/USDA
Co-PI:

USC Upstate

USC Upstate

Ferrell, Jim
Upstate Nursing Consortium - (17880-KL03) 33,333
Sponsor: Carolina Piedmont Foundation
Co-PI:

Turner, Jack
Microbiobial Study - (17880-L101) 1,950
Sponsor: Milliken & Company
Co-PI:

Report Total: \$19,160,486