

Sponsored Awards Management (SAM)

April, 2005 New Awards

Arts and Sciences, College of

Baruch Institute

Zingmark, Richard

Functional Relationships (Coupling) between Epiphytic Microalgae and Foodwebs in a Salt Marsh - (21600-FA81)

64,434

Sponsor: SC Sea Grant Consortium/NOAA

Co-PI:

Biological Sciences

Dewey, Michael

Peromyscus Models for Biomedical Research - (13010-FA70)

72,750

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

Co-PI:

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

15,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Ely, Berten

REU Site: Undergraduate Research in Integrative Evolutionary Biology - (13010-FA89)

98,100

Sponsor: National Science Foundation (NSF)

Co-PI: Hughes, Austin

Helmuth, Brian

Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology - (13010-FA66)

270,623

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI:

Mousseau, Timothy

Collaborative Research: Reproductive Behavior and Immune Disease - (13010-FA48)

6,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Quattro, Joseph

Population Genetic and Genomic Approaches to Assessing Coastal Environmental Health - (13010-FA64)

75,000

Sponsor: Medical University of South Carolina/NOS/NOAA

Co-PI:

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April, 2005 New Awards

Stratmann, Johannes <i>Regulation of the SR160/tBRI1 Kinase Domain by Systemin,Brassinolide and Ultraviolet-B Radiation - (13010-FA71)</i> Sponsor: National Science Foundation (NSF) Co-PI:	109,761
Vogt, Richard <i>Expression of Olfactory SNMPs in Drosophila Melanogaster and Manduca Sexta - (13010-FA37)</i> Sponsor: National Science Foundation (NSF) Co-PI:	86,866
Waldman, Alan <i>Effects of Gravity on DNA Transactions in Mammalian Cells - (13010-FA46)</i> Sponsor: National Aeronautics & Space Administration (NASA) Co-PI:	165,357
Chemistry & Biochemistry	
Adams, Richard <i>Sulfides and Disulfides of Di- and Polymetallic Carbonyl Complexes: Precursors to Nano-Catalysts and Nano-Structured Materials - (13020-FA67)</i> Sponsor: National Science Foundation (NSF) Co-PI:	132,000
Chen, Donna <i>In Situ Studies of the Decomposition of Simulated Chemical Warfare Agents on Nanoparticle Catalysis - (13020-FA82)</i> Sponsor: Army Research Office/DOD Co-PI:	50,000
Dawson, John <i>Editing: Journal of Inorganic Biochemistry - (13020-J400)</i> Sponsor: Elsevier Science, Inc. Co-PI:	2,958
Morgan, Stephen <i>Student Program for Forensic DNA Analysis Employment - (13020-GJ00)</i> Sponsor: SC Law Enforcement Division Co-PI:	36,000

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Reger, Daniel <i>Development of Unique Multitopic Ligands for the Syntheses of Highly Organized Multi-Metallic Complexes - (13020-FA70)</i> Sponsor: National Science Foundation (NSF) Co-PI:	117,000
Criminology & Criminal Justice, Department of Miller, J. Mitchell <i>Gang Database Enhancement and Training - (12200-FL00)</i> Sponsor: SC Department of Public Safety/DOJ Co-PI:	27,674
Geography Mock, Cary <i>Tropical Cyclone Reconstructions for The South Atlantic Bight Back into the Late Eighteenth Century - (13540-FA30)</i> Sponsor: North Carolina State University/NOAA Co-PI:	21,877
Geological Sciences Kellogg, James <i>Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (13040-J400)</i> Sponsor: Elsevier Science, Ltd. Co-PI:	5,200
Lakshmi, Venkataraman <i>Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology - (13040-FA69)</i> Sponsor: National Aeronautics & Space Administration (NASA) Co-PI:	109,328
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	30,000
Girardi, Maria <i>Vector-Valued Analysis and Geometry of Banach Spaces - (13060-FA09)</i> Sponsor: National Science Foundation (NSF) Co-PI:	9,168

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Miller, Matthew <i>Commutative Algebra Conference Honoring the Contributions of Phillip Griffith - (13060-FA22)</i> Sponsor: National Security Agency (NSA) Co-PI:	14,712
McKissick Museum	
Robertson, Lynn <i>Woodward Folklife Video Project - (34000-FA08)</i> Sponsor: National Endowment for the Arts (NEA) Co-PI:	20,000
Physics & Astronomy	
Djalali, Chaden <i>SURA - Jefferson Lab Fellowship - (13070-KA01)</i> Sponsor: Southeastern Universities Research Association Co-PI:	1,950
Johnson, Joseph <i>Continued Maintenance and Enhancement of IVIS - (13070-FA54)</i> Sponsor: SC Department of Public Safety/DOJ Co-PI:	78,201
<i>Support for Firefighter Mobilization System - (13070-GA13)</i> Sponsor: SC Department of Labor, Licensing and Regulation Co-PI:	3,600
Kunchur, Milind <i>Transport Behavior of Superconductors at High Dissipative Currents - (13070-F129)</i> Sponsor: US Department of Energy (DOE) Co-PI:	94,500
Myhrer, Fred <i>Theoretical Studies of hadronic and Nuclear Dynamics - (13070-FA55)</i> Sponsor: National Science Foundation (NSF) Co-PI: Kubodera, Kuniharu	139,000
Preedom, Barry <i>Study of the Nucleon Using Polarized Photon Beams and Polarized Targets - (13070-FA31)</i> Sponsor: National Science Foundation (NSF) Co-PI:	52,500

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Tedeschi, David <i>SURA Fellowship for Nathan Baltzell - (13070-KA03)</i> Sponsor: Southeastern Universities Research Association Co-PI:	12,500
Psychology	
Mactutus, Charles <i>Maternal HIV: Developmental Neurotoxicity - (13580-FA22)</i> Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH Co-PI:	294,638
Public Service & Policy Research, Institute for	
Beacham, Jeffery <i>Conestee Foundation Contract - (21100-KL07)</i> Sponsor: Conestee Foundation Co-PI:	17,544
Statistics	
Grego, John <i>Safety Belt Survey - (13080-JL01)</i> Sponsor: Preusser Research Group, Inc. Co-PI:	49,985
Business, Moore School of	
Small Business Development Center	
Lenti, John <i>Defense Economic Transition Assistance - Control Center - (21250-FL23)</i> Sponsor: Small Business Administration (SBA) Co-PI:	33,216

Sponsored Awards Management (SAM)

April, 2005 New Awards

Education, College of

Instruction & Teacher Education

Freeman, Nancy

Coursework and Training for School Age Staff, Agency/ Organization Staff, Regulatory Staff and Early Childhood Faculty and Mentors - (15250-FJ10)

238,771

Sponsor: SC Department of Social Services/HHS

Co-PI:

Stephens, Diane

SCRI 2004-2005 - (15250-GJ12)

60,400

Sponsor: SC Department of Education

Co-PI:

Styslinger, Mary

SCRI Middle Grades June 2005 - (15250-GJ13)

10,000

Sponsor: SC Department of Education

Co-PI:

Office of Program Evaluation

Seaman, Michael

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

65,911

Sponsor: CORE/NSF

Co-PI:

Yap, Ching Ching

Arts Assessment Institute - (15290-GJ01)

60,800

Sponsor: Winthrop University

Co-PI:

Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2004-2005) - (15290-GL10)

4,000

Sponsor: SC Department of Education

Co-PI:

Arts in Education Research Project I - (15290-GL12)

12,500

Sponsor: Arts in Basic Curriculum Project/Winthrop University

Co-PI:

Sponsored Awards Management (SAM)

April, 2005 New Awards

Physical Education

Mensch, James

Richland School District 2 - (15210-HP02)

14,000

Sponsor: Richland County School District 2

Co-PI:

Engineering & Information Technology, College of

Chemical Engineering

Amiridis, Michael

Fellowship: Nanostructured Bimetallic Supported Catalysts - (15510-FA64)

3,500

Sponsor: UT-Battelle, LLC/ Oak Ridge National Laboratory/DOE

Co-PI:

Popov, Branko

Novel Non-Precious Metal Catalyst for PEMFC: Catalyst Selection Through Molecular Modeling and Durability Studies - (15510-FA44)

200,000

Sponsor: US Department of Energy (DOE) - General

Co-PI:

Development of New Process for Plating thin Films of Zn-Ni-P-X (X-Pb,Bi,Ce,Mo or Cd (1-5%) Quarternary Alloys on to Steel to Prevent Corrosion and Hydrogen Embrittlement. - (15510-KA14)

25,000

Sponsor: American Electroplaters and Surface Finishers Society

Co-PI:

Weidner, John

Effect of Structure of Room Temperature Ionic Liquids on Organic Reactions Involving Electrochemically Generated Superoxide Ions - (15510-FA63)

281,882

Sponsor: National Science Foundation (NSF)

Co-PI: Matthews, Michael

Civil & Environmental Engineering

Rizos, Dimitris

Investigation of Strength of Steel Used in the Construction of Heavy-Duty Steel Trailer - (15520-JA12)

3,000

Sponsor: Sandlapper Contractors of Myrtle Beach, Inc.

Co-PI: Ziehl, Paul

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April, 2005 New Awards

Computer Science & Engineering

Wang, Song

Shape Exploration for Medical Applications---From Representation, Correspondence, Deformation to Image Segmentation - (15590-FA15) 12,000

Sponsor: National Science Foundation (NSF)

Co-PI: Kubota, Toshiro

Electrical Engineering

Ali, Mohammad

Career: Flexible, Ultra-Thin, Packaged Antennas and Arrays for Future Generation Wireless Applications - (15530-FA22) 6,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Mechanical Engineering

McNeill, Stephen

Characterization and Model Assessment for Impact Damage Evolution in Functionally Graded Composites Using a Novel Nano-Second 3D Deformation Measurement System - (15540-FA25) 40,000

Sponsor: Department of the Army/DOD

Co-PI:

Reynolds, Anthony

Supplemental Request for Friction Stir Processing IUCRC - (15540-FA55) 33,530

Sponsor: National Science Foundation (NSF)

Co-PI:

Environment, School of the

Environment, School of the

Coull, Bruce

"Interdisciplinary Workshops for SIE Teachers in the South Carolina Lowcountry" - (10060-KL02) 10,000

Sponsor: The Dorothy and Gaylord Donnelly Foundation

Co-PI:

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Jackson, Patricia

Interactive IVT Training - (15600-FL28) 14,690

Sponsor: Social Security Administration (SSA)

Co-PI:

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April, 2005 New Awards

Library & Information Sciences, School of

Williams, Robert

US State Department Training Workshops - (15700-FJ00)

11,769

Sponsor: US State Dept. Foreign Service Institute Office of Acquisitions

Co-PI:

Medicine, School of

Cell & Developmental Biology & Anatomy

Carver, Wayne

Role of ADAMs in Heart Myocyte Development - (18020-FA01)

252,875

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

Co-PI:

Family & Preventive Medicine

McDermott, Suzanne

SC Disability and Health Project 18130-FL06 12/8/04 - (18130-FL07)

354,545

Sponsor: Centers for Disease Control/HHS

Co-PI:

Internal Medicine

Sy, Alexander

A Prospective, Randomized, Double-Blind, Placebo Controlled, Dose Ranging, Multi-Center Study of the Safety and Efficacy of Three Days Continuous Intravenous Infusion of GR270773 in the Treatment of Suspected or Confirmed Gram-Negative Severe Sepsis in Adults - (18190-JA21)

12,027

Sponsor: GlaxoSmithKline

Co-PI: Barker, James Elko, Lucinda

A Phase 3, Multi-Center, Randomized, Placebo-Controlled, Double-Blind, Three-Arm Study to Evaluate the Safety and Efficacy of Tifacogin (Recombinant Tissue Factor Pathway Inhibitor) Administration in Subjects with Severe Community-Acquired Pneumonia - (18190-JA25)

14,400

Sponsor: Chiron Corporation

Co-PI: Barker, James Elko, Lucinda

Neuropsychiatry

Wright, Harry

Molecular and Genetic Epidemiology of Autism - (18120-FA01)

50,000

Sponsor: Duke University/NIH

Co-PI:

Sponsored Awards Management (SAM)

April, 2005 New Awards

Obstetrics & Gynecology

Best, Robert

Genetic Services for Indigent & Underserved Patients (DHEC) - (18110-GL03)

4,618

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

Co-PI:

Pathology

Creek, Kim

HPIV16-Induced TGF-Beta Resistance in Human Keratinocytes - (18070-FA02)

258,100

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Pharmacy, College of

Pharmacy Practice

Dickson, W.

Antibiotic Prescribing in the Public and Private Sector - (11150-FL00)

15,500

Sponsor: SC Department of Health & Environmental Control/CDC

Co-PI:

Phillips, Cynthia

Educational Enhancement of University of South Carolina Doctor of Pharmacy Candidates - (11150-GJ04)

7,500

Sponsor: SC Area Health Education Centers

Co-PI: Rowen, Randall

Public Health, Arnold School of

Environmental Health Sciences

Newman, Lee

Joint USC-Savannah River Ecology Laboratory Faculty - (11510-FA41)

35,000

Sponsor: University of Georgia/DOE

Co-PI:

Sponsored Awards Management (SAM)

April, 2005 New Awards

Exercise Science

Pfeiffer, Karin

Baseline BMI Surveillance in Children - (11530-FA23)

4,500

Sponsor: SC Research Authority/DHEC/HHS

Co-PI:

Prevention Research Center

Vena, John

Impact of Physical Fitness and Exercise - (11570-FA47)

17,951

Sponsor: The Cooper Institute

Co-PI:

Public Health, Arnold School of - Dean

Glover, Sandra

African American Public Health Fellowship and Development Program to Address Health Disparities - (11500-KJ01)

75,000

Sponsor: W. K. Kellogg Foundation

Co-PI:

Social Work, College of

Families in Society, Institute for

Motes, Patricia

Traucny and Other School Related Offenses: An Investigation of Disproportionate Minority Contact in South Carolina's Juvenile Justice System - (10010-FA30)

50,702

Sponsor: SC Department of Education/DOJ

Co-PI:

Social Work, College of

Paget, Kathleen

Proposal to Evaluate the Hendley Homes Hope VI Revitalization Project - (15900-FL26)

35,260

Sponsor: City of Columbia Housing Authority/HUD

Co-PI:

Sponsored Awards Management (SAM)

April, 2005 New Awards

Senior and Regional Campuses

USC Aiken

Allen, Gloria

Mathematics and Science Unit Coaching Initiative - (17110-GL24)

3,000

Sponsor: SC Department of Education

Co-PI:

USC Lancaster

Cox, Ramie

USC Lancaster Child Development Center - (17550-GL01)

49,214

Sponsor: Lancaster County First Steps Partnership Board

Co-PI:

USC Salkehatchie

Goodson, Suzanne

Character Education Professional Development Teacher's Academy - (17660-GL04)

45,600

Sponsor: SC Department of Education

Co-PI:

Report Total: \$4,711,157