

Office of Research
IT and Data Management Office

August, 2011 New Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Cobb, Charles

Ackia and Ogoula Tchetoka: Defining Two 1736 Battlefields of the French-Chickasaw War, Tupelo, Mississippi - (21300-FA71) 38,120

Sponsor: National Park Service/DOI

Co-PI:

total project dollars if available:

Smith, Steven

Reconnaissance Study of Sherman's Campaign Through South Carolina (Year 2) - (21300-FA69) 1,500

Sponsor: National Park Service/DOI

Co-PI:

total project dollars if available:

Identifying and Integrating Optimal Cultural and Natural Sustainability Strategies For the South Atlantic Landscape Conservation Cooperative Region - (21300-FA70) 42,925

Sponsor: US Fish & Wildlife Service/DOI

Co-PI:

total project dollars if available:

Baruch Institute

Allen, Wendy

North Inlet-Winyah Bay National Estuarine Research Reserve - (21600-FB98) 587,190

Sponsor: NOS Office of Ocean & Coastal Resource Management (OCRM)/NOAA

Co-PI:

total project dollars if available:

Shervette, Virginia

MARFIN: Gray Triggerfish (Balistes Capriscus) Life History in the South Atlantic Bight: The Extensive Collection and Analysis of New Data for Age, Growth, and Reproduction and the Comparison with Data from 1992-1997 - (21600-FB97) 9,000

Sponsor: National Marine Fisheries/NOAA

Co-PI:

total project dollars if available: 146,345

Biological Sciences

Griffen, Blaine

Linking Variation in Metabolic Processes as a Key to Prediction - (13010-FB92) 551,226

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

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Kresovich, Stephen

Genomic and Breeding Foundations for Cellulosic Sorghum Bioenergy Hybrids - (13010-FB90) 1,200,000

Sponsor: US Department of Agriculture (USDA)

Co-PI:

total project dollars if available:

Tufford, Daniel

Coordinator for the Gills Creek Watershed Association - (10060-KL05) 53,573

Sponsor: Gills Creek Watershed Association

Co-PI:

total project dollars if available:

Wethey, David

Climate Change and Biogeography: Effects of Extreme Events - (13010-FB91) 708,066

Sponsor: National Science Foundation (NSF)

Co-PI: Woodin, Sarah Hilbish, Thomas

total project dollars if available:

Physiological Impacts of Climate Change Using Remote Sensing - (13010-FB93) 20,000

Sponsor: National Aeronautics & Space Administration (NASA)

Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman

total project dollars if available: 1,826,213

Chemistry & Biochemistry

Adams, Richard

Synthesis of Polynuclear Transition Metal - Heavy Main Group Metal Carbonyl Complexes for Use as Next-Generation Multimetallic Heterogeneous Nano-Catalysts - (13020-FC04) 435,000

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

Benicewicz, Brian

Designed Interfaces on Nanoparticles via RAFT Polymerization - (13020-FC03) 20,000

Sponsor: Columbia University/NSF

Co-PI:

total project dollars if available:

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Earth and Ocean Sciences

Bizimis, Michael

Collaborative Research: Water Stratigraphy of the Oceanic Lithosphere Using Mantle Xenoliths from Hawaii - (13040-FB93) 120,578

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

John, Seth

Trace-Metal Isotopes in Atlantic Seawater and Particles from Geotraces Transects A03 and A10. - (13040-FB92) 453,513

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

Earth Sciences & Resources Institute

Kloot, Robin

Develop Video Material for Cultural and Natural Resources Outreach and Soils Education - (24400-FA20) 68,465

Sponsor: Natural Resources Conservation Service (NRCS)/USDA

Co-PI: McGill, Denise

total project dollars if available:

Geography

Cutter, Susan

DRRC: Baseline Indicators for Monitoring Disaster Resilience in Rural Places - (13540-FA92) 137,500

Sponsor: National Science Foundation (NSF)

Co-PI: Emrich, Christopher Mitchell, Jerry

total project dollars if available: 275,000

History

Weyeneth, Robert

GA: Jessica Childress - (13550-GP81) 5,500

Sponsor: SC Department of Archives and History

Co-PI:

total project dollars if available:

Mathematics

Dilworth, Stephen

Banach Spaces with Applications to Compressed Sensing and Greedy Convergence - (13060-FA72) 128,504

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

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McKissick Museum

Koverman, Jill

McKissick Museum: Natural Science Collections Inventory & Cataloging Project - (34000-FA13) 149,734

Sponsor: Institute for Museum and Library Services/NEH

Co-PI:

total project dollars if available:

Physics & Astronomy

Crawford, Thomas

Collaborative Research: Pattern Transfer Nanomanufacturing with Magnetically-Recorded Nanotemplates - (13070-FB06) 240,000

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

Kulkarni, Varsha

Rings of Fire: A Spitzer IRAC Study of Polar Ring Galaxies - (13070-FB05) 22,400

Sponsor: California Institute of Technology Jet Propulsion Laboratory/NASA

Co-PI:

total project dollars if available:

Statistics

Pena, Edsel

Recurrent Events, Dynamic Reliability Models, and Multiple Decision-Making with High-Dimensional Data - (13080-FB43) 267,498

Sponsor: National Science Foundation (NSF)

Co-PI: Lynch, James

total project dollars if available:

Business, Moore School of

Business, Moore School of - Division of Research

Von Nessen, Joseph

South Carolina Housing Authority Economic Impact Analysis - (21200-GA17) 23,000

Sponsor: SC State Housing Finance & Development Authority

Co-PI:

total project dollars if available:

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Education, College of

Office of Program Evaluation

Paul, Kristina

Gifted and Talented Elementary Program Review for Lexington County School District Two - (15290-FL25) 10,000

Sponsor: Lexington County School District 2/USDE

Co-PI:

total project dollars if available:

Physical Education

Mensch, James

GA: Mark Hilla, Jared Gogel, Jenna Charles, Bri Gomez, Victoria Stanislawski - (15210-HP19) 5,000

Sponsor: Richland County School District One

Co-PI:

total project dollars if available:

Engineering & Computing, College of

Civil & Environmental Engineering

Matta, Fabio

Collaborative Research: Resilient and Sustainable Engineered Fiber-Reinforced Earthen Masonry for Windstorm Regions - (15520-FA89) 95,000

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

Mechanical Engineering

Bayoumi, Abdel

CBM: Natural Language Processing Applied to the V-22 (Osprey) Platform Data - (15540-FC00) 100,000

Sponsor: SC National Guard/DOD

Co-PI:

total project dollars if available:

Du, Yanhai

Liquid-Fueled Solid Oxide Fuel Cells - (15540-FC02) 124,251

Sponsor: Protonex Technology Corporation/ARO/DOD

Co-PI: Reifsnider, Kenneth

total project dollars if available:

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Huang, Kevin

Theoretical Design and Experimental Evaluation of Molten Carbonate Modified LSM Cathode for Ultra Low Temperature Solid Oxide Fuel Cells - (15540-FC04) 172,455

Sponsor: Benedict College/DOD

Co-PI:

total project dollars if available: 172,455

Khan, Jamil

University of South Carolina Nuclear Engineering Faculty Excellence Program - (15540-FB99) 450,000

Sponsor: US Nuclear Regulatory Commission

Co-PI: Knight, Travis

total project dollars if available:

Knight, Travis

A Course on Risk Analysis with Application to the Current and New Nuclear Plants and Fuel Cycle Facilities - (15540-FC05) 135,263

Sponsor: US Nuclear Regulatory Commission (NRC)

Co-PI:

total project dollars if available:

Li, Xiaodong

Flexible Core/Shell Nanocable - Carbon Microfiber Hybrid Composite Electrodes for High-Performance Supercapacitors - (15540-FC01) 240,000

Sponsor: National Science Foundation (NSF)

Co-PI:

total project dollars if available:

Enrollment Management

TRIO Programs

Beasley, Paul

Talent Search Program - (21710-FL36) 339,811

Sponsor: US Department of Education (USDE)

Co-PI:

total project dollars if available: 1,656,919

Educational Opportunity Centers Program - (21710-FL37) 31,890

Sponsor: US Department of Education (USDE)

Co-PI:

total project dollars if available: 2,203,335

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August, 2011 New Awards

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Covington, Randy

VOA Training - Broadcasting Board of Governors - (15600-FJ09)

15,000

Sponsor: Broadcasting Board of Governors

Co-PI:

total project dollars if available:

Mass Communications & Information Studies, College of

McGill, Denise

Develop Video Material for Cultural and Natural Resources Outreach and Soils Education - (15600-FA07)

10,644

Sponsor: Natural Resources Conservation Service (NRCS)/USDA

Co-PI:

total project dollars if available:

Medicine, School of

Internal Medicine

Duffus, Wayne

Association of Cardio-metabolic Disorders with Antiretroviral Therapy Use among Individuals with HIV-infection - (18190-KA11)

23,000

Sponsor: American Heart Association

Co-PI:

total project dollars if available:

Neurology

Sen, Souvik

The Role of a Quick "Brain Attack" MRI in Acute Stroke Thrombolysis Decision - (18450-KA00)

1,500

Sponsor: American Heart Association

Co-PI:

total project dollars if available:

Neuropsychiatry

Srinivasan, Shilpa

A Multicenter, Randomized, Double-blind, Active-Controlled Study of the Efficacy and Safety of Flexibly-Dosed BMS-820836 in Patients with Treatment Resistant Major Depression - (18120-JA19)

3,134

Sponsor: Bristol-Myers Squibb Company

Co-PI:

total project dollars if available:

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August, 2011 New Awards

Pharmacy, SC College of

Pharmaceutical and Biomedical Sciences

Roninson, Igor

Secretary Patterns of Senescent Tumor Cells - (11110-FA49)

277,202

Sponsor: National Institute on Aging (NIA)/NIH

Co-PI:

total project dollars if available:

Public Health, Arnold School of

Environmental Health Sciences

Norman, Robert

Investigation of Microbe-based Proton Exchange Membranes (MPEMs) for Microbial Fuel Cells (MFCs) - (11510-FB36)

74,932

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI:

total project dollars if available: 224,796

Epidemiology & Biostatistics

Driver, Stephanie

GA: Alecia Alianell - (11520-GP60)

13,200

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

Co-PI:

total project dollars if available:

GA: Afiba Manza-Azele Agovi - (11520-GP61)

11,000

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

Co-PI:

total project dollars if available:

Liese, Angela

Identifying Food Deserts in the Rural South: A Comparison of Food Access Measures - (11590-FA45)

34,568

Sponsor: Southern Rural Development Center/Mississippi State/USDA

Co-PI:

total project dollars if available:

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Exercise Science

Beets, Michael

Policies to Influence Physical Activity and Nutrition in YMCA Programs - (11530-FA71) 206,700

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

Co-PI: Pate, Russ Saunders, Ruth Jones, Sonya Bottai, Matteo

total project dollars if available:

Fritz, Stacy

Improving Walking and Balance in Veterans with Traumatic Brain Injury - (11530-KA47) 25,000

Sponsor: SCRA/INTRuST PTSD and TBI Clinical Consortium

Co-PI: Baylis, Gordon Baylis, Leslie

total project dollars if available:

Youngstedt, Shawn

Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers - (11530-FA72) 789,928

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

Co-PI: Hardin, James Ginsberg, J

total project dollars if available: 3,701,538

Health Promotion, Education & Behavior

Cassady, Ann

GA: Sarah Moran - (11540-KP46) 7,000

Sponsor: SC Campaign to Prevent Teen Pregnancy

Co-PI: Watkins, Ken

total project dollars if available:

GA: Lesley Craft - (11540-KP47) 18,000

Sponsor: SC Campaign to Prevent Teen Pregnancy

Co-PI: Watkins, Ken

total project dollars if available:

GA: Amy Mattison Faye - (11540-KP48) 18,000

Sponsor: SC Campaign to Prevent Teen Pregnancy

Co-PI: Watkins, Ken

total project dollars if available:

Jones, Sonya

SC Farm-to-School Program and Children's and Parent's Food Choices - (11590-FA44) 5,000

Sponsor: Southern Rural Development Center/Mississippi State/USDA

Co-PI:

total project dollars if available:

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Health Services Policy and Management

Byrd, Michael

GA: *Chris Miller - (11550-LR63)* 6,500

Sponsor: Palmetto Health

Co-PI:

total project dollars if available:

GA: *Christopher Burke - (11550-LR64)* 4,500

Sponsor: Palmetto Health

Co-PI:

total project dollars if available:

GA: *Patricia Jordan - (11550-LR65)* 2,000

Sponsor: Palmetto Health

Co-PI:

total project dollars if available:

GA: *Cora McPherson - (11550-LR66)* 4,400

Sponsor: Palmetto Health Richland

Co-PI:

total project dollars if available:

Social Work, College of

Families in Society, Institute for

Mayfield-Smith, Kathy

CHIPRA Subcontract No. 6816S02223 by and between Mathematica Policy Research, Inc. and the University of SC - (10010-FA52) 15,000

Sponsor: Mathematica Policy Research, Inc./HHS

Co-PI: Lopez-DeFede, Ana

total project dollars if available:

Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant - (10010-FA53) 473,466

Sponsor: SC Department of Health & Human Services/HHS

Co-PI: Lopez-DeFede, Ana

total project dollars if available:

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Social Work, College of

Ward, James

GA: *Robin Wyatt - (15900-HP21)* 3,000

Sponsor: Charleston County School District

Co-PI:

total project dollars if available:

GA: *Ligaya Lowe - (15900-HP22)* 3,000

Sponsor: Charlesotn County School District

Co-PI:

total project dollars if available:

GA: *Pronda Brown - (15900-HP23)* 3,000

Sponsor: Charleston County School District

Co-PI:

total project dollars if available:

GA: *Elaine Sosebee - (15900-KR87)* 2,426

Sponsor: Reconnecting Coalition

Co-PI:

total project dollars if available:

GA: *Priscilla Brooks - (15900-KR88)* 2,426

Sponsor: Hospice Cleveland County

Co-PI:

total project dollars if available:

GA: *Ebony Presha - (15900-KR89)* 2,412

Sponsor: St. James AME Church

Co-PI:

total project dollars if available:

GA: *Kenya Burke - (15900-LP74)* 2,412

Sponsor: LCSW Health Associates, PLLC

Co-PI:

total project dollars if available:

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August, 2011 New Awards

USC Aiken

USC Aiken

Leaver, Echo

USCA Cognitive Neuroscience Learning Community - (17110-FA37)

10,000

Sponsor: University of Wisconsin- Stout/NSF

Co-PI:

total project dollars if available:

USC Beaufort

USC Beaufort - Academic Affairs

Warren, Alan

Town of Bluffton Water Quality Laboratory (2011-2012) - (17210-HL01)

110,000

Sponsor: Town of Bluffton, SC

Co-PI:

total project dollars if available:

USC Salkehatchie

USC Salkehatchie

Carmichael, Ann

Educational Preparation of Minority Disadvantaged Students

78,500

Participating in the USC Salkehatchie Rural Nursing Partnership Program - (17660-KJ02)

Sponsor: Allendale County Hospital/The Duke Endowment

Co-PI:

total project dollars if available:

USC Upstate

USC Upstate

Merriweather, Helen

Friday Future's Academy: A Pilot Project - (17880-KL18)

31,867

Sponsor: AdvanceSC

Co-PI:

total project dollars if available:

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Pae, Holly

Project CREATE 2011 - (17880-FJ33)

35,670

Sponsor: SC Department of Education/USDE

Co-PI:

total project dollars if available:

Report Total:

\$9,311,349