

Office of Research
IT and Data Management Office

April, 2014 New Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Smith, Steven

Archaeological Services For Metal Detecting Survey Congaree Battlefield - (21300-FA85) 3,370

Sponsor: Brockington and Associates, Inc./The River Alliance/National Park Service/DOI

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Biological Sciences

Krizek, Beth

Regulation of Floral Growth and Patterning in Arabidopsis Thaliana - (13010-FC33) 232,492

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 819,742
PROJECT_YEARS: 4

Chemistry & Biochemistry

Tang, Chuanbing

2014 ACS Project Seed Summer Program at USC - (13020-KA96) 13,000

Sponsor: American Chemical Society(ACS)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Earth and Ocean Sciences

Lang, Susan

Early Career: Instrument and Technician Support for the Isotopic Analysis of Individual Organic Compounds in the Earth System - (13040-FQ02) 99,934

Sponsor: National Science Foundation (NSF)

Co-PI: Benner, Ronald Ziolkowski, Lori

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

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Wilson, Alicia

Girls Go for IT Summer Computer Camp - (13040-KJ00) 1,500

Sponsor: National Center for Women in IT (NCWIT)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Mathematics

Czabarka, Eva

Visiting professor - University of Minnesota: Discrete Structures: Analysis and Application - (13060-FL05) 22,000

Sponsor: University of Minnesota/NSF

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Filaseta, Michael

Number Theoretic Problems on Polynomials - (21400-FA25) 22,537

Sponsor: National Security Agency/DOD

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Griggs, Jerrold

Visiting Professor - University of Minnesota: "Discrete Structures: Analysis and Applications" - (13060-FL04) 22,000

Sponsor: University of Minnesota/NSF

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Lu, Linyuan

Spectral, Probabilistic, and Information-theoretic Analysis for Graphs and Hypergraphs - (21400-FA21) 33,174

Sponsor: Office of Naval Research (ONR)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 196,226

PROJECT_YEARS: 3

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Thorne, Frank
Southeastern Number Theory Meetings - (13060-FA80) 14,670

Sponsor: National Security Agency(NSA)

Co-PI: Filaseta, Michael Boylan, Matthew

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Physics & Astronomy

Guisepppe, Vincente
Majorana Demonstrator Program - (13070-FB28) 41,994

Sponsor: UT-Battelle, LLC/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Kulkarni, Varsha
Connecting the Interstellar Gas and Dust Properties of Distant Galaxies - (13070-FB29) 89,823

Sponsor: NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 309,191

PROJECT_YEARS: 3

Psychology

Kivita, Nicole
Social Mechanisms for Promoting Youth Physical Activity in Afterschool Programs - (13580-FB25) 183,125

Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH

Co-PI: Wilson, Dawn Bell, Bethany

AWARD_PROJECT_AMT. IF AVAILABLE: 402,875

PROJECT_YEARS: 2

Public Service & Policy Research, Institute for

Oldendick, Robert
Buckle Up South Carolina Observational Survey and Attitudinal Survey - (21100-FL54) 24,500

Sponsor: SC Department of Public Safety (DPS)/NHTSA/DOT

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Statistics

Grego, John

SC DOE Special Education Parent Survey Analysis - (13080-FL13) 5,625

Sponsor: SC Department of Education/USDE

Co-PI: Oldendick, Robert Sims, Wilma

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Sims, Wilma

Buckle Up South Carolina Observational Survey and Attitudinal Survey - (13080-FL12) 33,312

Sponsor: SC Department of Public Safety (DPS)/NHTSA/DOT

Co-PI: Grego, John Oldendick, Robert

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Business, Moore School of

Business, Moore School of - Division of Research

Von Nessen, Joseph

SCRA Economic Impact Analysis - (21200-GA25) 30,000

Sponsor: South Carolina Research Authority (SCRA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

S.C. Beer Wholesalers Association Economic Impact Analysis - (21200-JA27) 10,000

Sponsor: SC Beer Wholesalers Association

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Wine and Spirits Wholesalers Association of South Carolina -Economic Impact Analysis - (21200-KA42) 15,000

Sponsor: Wine and Spirits Wholesalers Association of SC

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Education, College of

Education

Watson, Lemuel

Teacher Incentive Fund 4 - (15200-FL03)

2,100

Sponsor: SC Department of Education/USDE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Instruction & Teacher Education

Knopf, Herman

Greenville Health System Help Me Grow Evaluation - (15220-KA00)

49,998

Sponsor: Greenville Health System/Hollingsworth Funds, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Physical Education

Minton, Dawn

Naproxen on Gut Permeability During Thermal Stress in Hydrated, Exercising Humans - (11530-KA56)

4,935

Sponsor: American College of Sports Medicine

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Engineering & Computing, College of

Mechanical Engineering

Farouk, Tanvir

Mathematical Modeling and Simulation of Space based Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program - (15540-FC66)

69,547

Sponsor: National Aeronautics and Space Administration (NASA)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

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Li, Chen

EPRI: On-demand Sweating-Boosted Air Cooled Heat-Pipe Condensers for Green Power Plants - (15540-FC64) 200,729

Sponsor: National Science Foundation (NSF)

Co-PI: Farouk, Tanvir Huang, Xinyu Khan, Jamil

AWARD_PROJECT_AMT. IF AVAILABLE: 675,004

PROJECT_YEARS: 3

Shazly, Tarek

Automated Device for Spinal Rod Contouring - (15540-KA33) 100,000

Sponsor: SC Medical Translational Technology Program

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Sutton, Michael

Transfer of Funds on NSF grant from Univ of Washington to USC - (15540-FC65) 62,208

Sponsor: University of Washington/NSF

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

van Tooren, Michel

Center for Research, Education and Innovation at Skoltech Institute of Science and Technology/Russian Government - (15540-LA03) 447,769

Sponsor: Higher Education Skolkovo Institute of Science and Technology

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 2,116,613

PROJECT_YEARS: 5

Hospitality, Retail & Sport Management, College of

Hospitality, Retail & Sport Management - (Dean)

Hudson, Simon

Santee-Cooper: An Assessment of the Potential Demand for Tourism on the Lower Santee Cooper Waterway - (14000-GA00) 35,090

Sponsor: Santee Cooper and Santee Cooper Country

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Hotel, Restaurant & Tourism Administration

Smith, Scott

Gen-Xers and the Timeshare Industry - (14050-JA05) 4,990

Sponsor: Vacation Villas at Fantasy World Timeshare Owners Association

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Medicine, School of

Pediatrics

Neuberg, Ronnie

COG--F.Hoffman-La Roche, Ltd Pharmaceutical Trial - (18140-JA28) 4,000

Sponsor: Children's Hospital of Philadelphia/Children's Oncology Group

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

COG Study: ACNS1021-Pfizer #WS281593-48 - (18140-JA29) 3,500

Sponsor: Children's Hospital of Philadelphia, on behalf of the Children's Oncology Group/Pfizer

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Roberts, Carla

TCD with Transfusions Changing to Hydroxyeura-Subaward with Cincinnati Children's - (18140-FA21) 34,631

Sponsor: Children's Hospital Medical Center/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Pharmacy, SC College of

Pharmaceutical and Biomedical Sciences

Turner (Ortinski), Jill

Pharmacogenomic Analysis of Nicotine Dependence - (11110-FA66) 249,000

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 747,000

PROJECT_YEARS: 1

Public Health, Arnold School of

Epidemiology & Biostatistics

Merchant, Anwar

Marginal Structural Models for Periodontal Treatments effects on A1C in Diabetes - (11520-FB42) 87,256

Sponsor: WJB Dorn VA Medical Center/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Exercise Science

Beets, Michael

Policy to Practice: Statewide Rollout of YMCA Childhood Obesity Standards - (11530-FB01) 577,134

Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH

Co-PI: Moore, Justin Saunders, Ruth Turner-McGrievy, Gabrielle Khan, Mahmud

AWARD_PROJECT_AMT. IF AVAILABLE: 2,240,154

PROJECT_YEARS: 4

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Pate, Russ

Physical Activity and Nutrition Standards for Home Childcare - Sub-contract with DHEC - (11530-FL00) 63,989

Sponsor: SC Dept of Health & Environmental Control (DHEC)/CDC

Co-PI: Brown, William Beets, Michael O'Neill, Jennifer

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Development of Communication Strategy for Surgeon General's Call to Action on Walking - (11530-FL01) 25,000

Sponsor: McKing Consulting Corporation/CDC

Co-PI: Borden, Janna

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Health Promotion, Education & Behavior

Brandt, Heather

DIDACTIC: Dissemination and Implementation of a Diet and Activity Community Trial In Churches - (11500-FA55) 533,149

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

Co-PI: Hebert, James

AWARD_PROJECT_AMT. IF AVAILABLE: 2,062,578

PROJECT_YEARS: 4

Health Services Policy and Management

Gillam, Pamela

Assessment of Training Approaches for VA Staffing Methodology - (11550-FA47) 13,534

Sponsor: WJB Dorn, VA Medical Center

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Kenison, Kelli

Assessment of Training Approaches for VA Staffing Methodology - (11550-FA48) 16,450

Sponsor: WJB Dorn, VA Medical Center

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Martin, Amy
Medicare Rural Hospital Flexibility, FLEX Program - (11550-FL25) 20,000

Sponsor: SC Office of Rural Health/HRSA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Workman, Lauren
Assessment of Training Approaches for VA Staffing Methodology - (11550-FA49) 21,361

Sponsor: WJB Dorn, VA Medical Center

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Public Health, Arnold School of - Dean

Smithwick, Julie
Latino Best Start Initiative - (11500-KL30) 24,004

Sponsor: Center for New Communities (C4NC)/Urban Strategies/Kellogg Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Social Work, College of

Social Work, College of

Scheyett, Anna
Mobile Telecare for Underserved African-American Elders with Heart Failure - (15900-FA41) 52,729

Sponsor: Environment and Health Group, Inc./NIH

Co-PI: Heiney, Sue

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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University Libraries

University Libraries

Fulmer, Henry

Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South - (30000-FL13) 84,870

Sponsor: National Endowment for the Humanities(NEH)

Co-PI: Nelson, John

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

USC Beaufort

USC Beaufort - Academic Affairs

McCoy, Erin

Peace After War: Collecting Memories of the Vietnam War Era - (17210-FL03) 1,000

Sponsor: The Humanities Council of South Carolina/NEH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Montie, Eric

*Underwater Acoustic Monitoring Program in the May River:
Using Sound to Understand Daily and Seasonal Patterns of Fish Spawning - (17210-
KA12)* 9,683

Sponsor: Palmetto Bluff Conservancy

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

USC Upstate

USC Upstate

Hightower, Mary

AP Studio Art 2014 - (17880-GA08) 15,850

Sponsor: SC Department of Education

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Report Total: \$3,712,562