

Office of Research
IT and Data Management Office

April, 2013 New Awards

Arts and Sciences, College of

Anthropology

DeWitte, Sharon

The Medieval Black Death: Analysis of the Demographic, Health, and Social Consequences of a Historic Emerging Disease - (13590-FA06) 107,721

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Baruch Institute

Quattro, Joseph

Identification of Refuge Areas for Genetically Pure Redeye Bass Micropterus Coosae in Savannah Basin Streams - (21600-FC18) 50,144

Sponsor: SC Department of Natural Resources/DOI

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Biological Sciences

Pinckney, James

Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton - (21600-FC17) 355,659

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Chemistry & Biochemistry

Tang, Chuanbing

ACS PROJECT SEED 2013 - (13020-KA93) 9,300

Sponsor: American Chemical Society

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Geography

Cutter, Susan

*E2E Project: Identifying and Analyzing the Driving Forces of Hurricane Recovery for
Disaster Stricken Areas to Improve Long-term Planning - (13540-FB08)* 24,035

Sponsor: Department of Homeland Security/UNC Chapel Hill

Co-PI: Emrich, Christopher

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

McKissick Museum

Taylor, Saddler

FOLKFabulous - (34000-FL08) 1,000

Sponsor: Humanities Council of South Carolina/NEH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Physics & Astronomy

Rosenfeld, Carl

NOvA Near Detector Installation - (13070-KA23) 8,400

Sponsor: Universities Research Association, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Psychology

Berman, Marc

The Mechanisms and Design Elements of Restorative Experiences at OSSP Sites - (13580-KA90) 653,659

Sponsor: TKF Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Patterson, Celesia

GA: Andrea Lamont - (13580-HP38) 6,000

Sponsor: Richland School District Two

Co-PI: Wandersman, Abraham

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Statistics

Grego, John

Summer Assistantship - (13080-KA09)

3,453

Sponsor: Joseph W. Jones Ecological Research Center

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Sims, Wilma

Statistical Consulting for SC Department of Mental Health - Evaluation, Training and Research - (13080-GL00)

436

Sponsor: SC Department of Mental Health

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Education, College of

Instruction & Teacher Education

Baum, Angela

Improve the Quality of Child Care for South Carolina Families 2013-14 - (15250-FJ50)

184,005

Sponsor: SC Department of Social Services/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Engineering & Computing, College of

Chemical Engineering

Heyden, Andreas

CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts - (15510-FC22)

80,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 400,000

PROJECT_YEARS: 5

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Civil & Environmental Engineering

Huynh, Nathan

Support for the Development and Implementation of an Access Management Program through Research and Analysis of Collision Data - (15520-FB07) 44,999

Sponsor: Clemson University/DOT

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Song, Jeong-Hoon

Multiscale Extended Finite Element Method for Failure - (15520-FB08) 58,778

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 359,554
PROJECT_YEARS: 3

Viparelli, Enrica

The Internal Structure of Deposits Emplaced under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling - (15520-FB06) 100,619

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 201,725
PROJECT_YEARS: 3

Mechanical Engineering

Giurgiutiu, Victor

NATO planning grant - (15540-LA01) 6,521

Sponsor: North Atlantic Treaty Organization (NATO)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Huang, Kevin

EAGER: Exploring a New Bi-ionic Transport Mechanism in Dual-Phase Electrochemical CO2 Separation Membranes - (15540-FC37) 100,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Huang, Xinyu

Experimental Study and Validation of Thermo-Mechanical Robustness of SiC-SiC Composite Cladding - (15540-JA68) 200,000

Sponsor: General Atomics

Co-PI: Knight, Travis Reifsnider, Kenneth

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Majumdar, Prasun

Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability - (15540-FC36) 238,190

Sponsor: College of Charleston/NASA EPSCoR

Co-PI: Yang, Jinkyu Reifsnider, Kenneth Sutton, Michael

AWARD_PROJECT_AMT. IF AVAILABLE: 738,190

PROJECT_YEARS: 3

Hospitality, Retail & Sport Management, College of

Sport & Entertainment Management

Shaomian, Armen

Making Money: Marketing and Audience Development for the Nonprofit and Entertainment Industry - (14030-GL00) 1,000

Sponsor: SC Arts Commission

Co-PI: Ballouli, Khalid Gillentine, Andrew Koesters, Todd

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Medicine, School of

Family & Preventive Medicine

Stanek, Michele

I3 Practice Improvement Collaborative - (18130-KA06) 38,347

Sponsor: University of NC at Chapel Hill/Duke Endowment

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Neuropsychiatry

Narasimhan, Meera

Clozapine for Cannabis Use Disorder and Schizophrenia - (18120-FA11) 104,267

Sponsor: Trustees of Dartmouth College/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 4

Obstetrics & Gynecology

Spiryda, Lisa

Prenatal Non-invasive Aneuploidy Testing Utilizing SNPs Study (PreNATUS) - (18110-JA02) 3,250

Sponsor: Natera, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Pathology, Microbiology and Immunology

Fox, Alvin

LC-MS-MS Analysis of Spore-Associated Proteins - (18060-FA83) 15,000

Sponsor: Science Applications International Corporation(SAIC)/DOD

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Murphy, Elizabeth

Regulation of Macrophages in Obesity-Enhanced Colon Cancer:Benefits of Quercetin - (18060-FA84) 122,489

Sponsor: National Center for Complementary & Alternative Medicine(NCCAM)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 631,931

PROJECT_YEARS: 5

Pediatrics

Burton, O. Marion

Purchase and Provision of Medical Director/Consultant Services for the Medicaid Program - (18140-FM17) 338,177

Sponsor: SC Department of Health and Human Services/HHS

Co-PI: Platt, Tan

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Nursing, College of

Nursing

Andrews, Jeannette

Subaward: Hollywood Smiles - (11200-FA17) 16,756

Sponsor: Medical University of South Carolina/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Burgess, Stephanie

Subaward: Increasing the Primary Care Workforce for South Carolina - (11200-KJ01) 10,000

Sponsor: Medical University of South Carolina/SC AHEC/Duke Endowment

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Heiney, Sue

Story and Adherence: Breast Cancer in African Americans - (11200-KA13) 19,109

Sponsor: Oncology Nursing Society Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

USC Salkehatchie

USC Salkehatchie

Boone, Terri

Hampton County Business Consulting and Microloan Project - (17660-FL38) 60,008

Sponsor: Hampton County/USDA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Report Total:	\$2,961,322
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