

Office of Research
IT and Data Management Office

January, 2014 New Awards

Arts and Sciences, College of

Art

Meaney, Evan

Subaward: Virtual Training Demonstration Project - (12510-FJ01) 12,254

Sponsor: University of Tennessee/DOE

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Biological Sciences

Twiss, Jeff

Effects of the SCI Microenvironment on Intra-Axonal Signaling - (13010-FC31) 165,755

Sponsor: Drexel University/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 1,051,971
PROJECT_YEARS: 5

Chemistry & Biochemistry

Angel, S.

A Miniature, High-resolution, Stationary Grating Spatial Heterodyne UV Raman Spectrometer for Planetary and Space Applications - (13020-FC40) 30,000

Sponsor: College of Charleston/NASA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Benicewicz, Brian

Stabilized PBI Membranes for Hydrogen Purification - (13020-JA21) 160,000

Sponsor: BASF Fuel Cell, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Improved Capacitor Films using Polymer Nanocomposites - (13020-JA22) 90,000

Sponsor: Rensselaer Polytechnic Institute/ABB AB Corporate Research

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

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Geography

Carr, Edward

Research and Implementation Related to Adaptation to Climate Change - (13540-FB21) 288,540

Sponsor: International Resources Group (IRG)/USAID

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Mitchell, Jerry

Planning for Authentic Learning Across the Alliance Network: Integrating Geospatial Technologies as Teaching Tools for Enhancing Geoliteracy - (13540-KA25) 44,432

Sponsor: National Geographic Education Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Languages, Literatures, and Cultures

McCormick, Stephen

Edition and Translation of Huon d'Auvergne, a Pre-Modern Franco-Italian Epic. - (12610-FA01) 56,333

Sponsor: Loyola University Maryland/National Endowment for the Humanities (NEH)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Psychology

Klusek, Jessica

Profiles and Predictors of Pragmatic Language Impairments in the FMR1 Premutation - (13580-FB24) 50,816

Sponsor: National Institute on Deafness & Other Communication Disorders (NIDCD)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 158,550
PROJECT_YEARS: 3

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Religious Studies

Cutsinger, James

Christian Non-Dualism - (12570-KA04)

15,000

Sponsor: The Radius Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Business & Finance

Facilities Management/Operational Services

Cook, Larry

*Palmetto Pride Community Pride Grant Program - USC Special Event Recycling Bins -
(50020-KQ00)*

4,268

Sponsor: Palmetto Pride

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Business, Moore School of

Business, Moore School of - Division of Research

Von Nessen, Joseph

New Carolina: Economic Impact of the S.C. Aerospace Industry - (21200-KA40)

26,000

Sponsor: New Carolina: SC Council on Competitiveness

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Education, College of

Instruction & Teacher Education

Thompson, Stephen

Killian Elementary School Professional Development Project - (15250-FL49)

20,537

Sponsor: Richland School District Two/USDE

Co-PI: Miller, Bridget

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Engineering & Computing, College of

Electrical Engineering

Sudarshan, Tangali

SBIR PHASE II: Efficient Manufacturing of Low Defect Density SiC Substrates using a Novel Defect Capped Planarization Assisted Growth (DC-PAG) Method - (15530-FB54) 100,000

Sponsor: Sinmat, Inc/Air Force

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Mechanical Engineering

Knight, Travis

U3Si2 Fabrication and Testing for Implementation into the BISON Fuel Performance Code - (15540-FC57) 640,000

Sponsor: US Department of Energy (DOE)

Co-PI: Huang, Xinyu

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Yu, Lingyu

Structural Health Monitoring of Nuclear Spent Fuel Storage Facilities - (15540-FC58) 597,832

Sponsor: US Department of Energy (DOE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Bowen, Shannon

Exploring the Role of the Dominant Coalition in Creating an Ethical Culture for Internal Stakeholders - (15600-KA10) 3,500

Sponsor: Arthur W. Page Center at Penn State University - Legacy Scholar

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Medicine, School of

Cell Biology & Anatomy

Lavoie, Holly

A comparative approach to identify functional amino acid response elements of genes controlling ovarian function - (18020-FB26) 149,704

Sponsor: National Institute of Food and Agriculture(NIFA)/USDA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Neurology

Sen, Souvik

Lundbeck Study No. 12649A, Randomised, Double-Blind, Parallel-Group, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Desmoteplase in Acute Ischemic Stroke (DIAS-4) - (18450-JA06) 83,391

Sponsor: Lundbeck

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Nursing, College of

Nursing

Andrews, Jeannette

The Jonas Nurse Leaders Scholar Program (2014-2016 Cohort) - (11200-KA14) 20,000

Sponsor: The Jonas Center for Nursing and Veterans Healthcare

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Public Health, Arnold School of

Epidemiology & Biostatistics

McDermott, Suzanne

Elsevier Editorial contract - (11520-JL01) 27,000

Sponsor: Elsevier, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

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Zhang, Jiajia

Innovative Spatio-temporal Survival Models Allowing Crossing Survival - (11520-FB39) 71,212

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI: Hanson, Timothy Steck, Susan

AWARD_PROJECT_AMT. IF AVAILABLE: 142,424

PROJECT_YEARS: 2

Exercise Science

Durstine, J. Larry

Rehabilitation Technician at Palmetto Health Richland - (11530-LL01) 24,960

Sponsor: Palmetto Health Richland

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Pate, Russ

NCS Vanguard Central ROC Task Order 3 NCS Health Measurement Data Collection - sub-contract with NORC - (11530-FA96) 106,236

Sponsor: NORC at Univ of Chicago/NIH

Co-PI: McIver, Kerry

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Health Services Policy and Management

Brooks, John

Understanding Treatment Effect Estimates When Treatment Effects Are Heterogeneous For More Than One Outcome - (11550-KA09) 962,074

Sponsor: Patient-Centered Outcomes Research Institute (PCORI)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

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Martin, Amy

State Oral Health Plan Technical Assistance - (11550-FL23) 16,000

Sponsor: SC Department of Health and Environmental Control/CDC

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 80,000

PROJECT_YEARS: 1

Feasibility Assessment of Oral Health Programs Supporting State Offices of Rural Health - (11550-KL15) 5,000

Sponsor: DentaQuest Institute, Inc.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Probst, Janice

Evaluation of a Case Study of the Impact of the Community Paramedicine Program on Abbeville Area Medical Center - (11550-KL14) 25,000

Sponsor: Abbeville Area Medical Center/Duke Endowment

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Workman, Lauren

Beaufort County School District Case Study - (11550-FA44) 24,712

Sponsor: South Carolina Campaign to Prevent Teen Pregnancy/HHS

Co-PI: Kenison, Kelli

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Public Health, Arnold School of - Dean

Meetze, Edena

Cuidate - (11500-GL11) 22,504

Sponsor: Campaign to Prevent Teen Pregnancy/SCDSS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Smithwick, Julie

Children's Trust contract with PASOs (expansion funding) - (11500-KJ18) 35,105

Sponsor: SC Children's Trust

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Children's Trust Contract with PASOs (formula funding) - (11500-KJ19) 35,105

Sponsor: SC Children's Trust

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

USC Beaufort

USC Beaufort - Student Development

Mock, Devin

Palmetto Pride Community Pride - (17250-KQ00) 2,730

Sponsor: Palmetto Pride

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

USC Greenville School of Medicine

Medicine, School of - Greenville Campus

Egan, Brent

Healthy South Carolina Initiative: Community Transformation Plan - (16000-FA02) 1,300,000

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

Co-PI: Davis, Rob

AWARD_PROJECT_AMT. IF AVAILABLE: 4,200,000
PROJECT_YEARS: 3

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USC Union

USC Union

Fatemi, Tara

SC Campaign to Prevent Teen Pregnancy- Community Fund - (17770-GJ01)

5,000

Sponsor: SC Campaign to Prevent Teen Pregnancy/SCDSS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS:

1

Report Total:

\$5,221,000