

Office of Research
IT and Data Management Office

September, 2014 New Awards

Administration & Finance

Facilities Management/Operational Services

Gibson, Don

Davis College Stabilization and Exterior Renovation - (50020-FQ00) 15,000

Sponsor: SC Department of Archives and History/DOI

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Arts and Sciences, College of

Biological Sciences

Stewart, Jason

Roles of the Mammalian CST Complex in DNA Replication and Chromosome Cohesion - (13010-FC38) 249,000

Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Criminology & Criminal Justice, Department of

Seigny, Eric

Assessing the Congruence of Estimates of Drug-Related Emergency Department Visits Produced by the Drug Abuse Warning Network (DAWN) and the Healthcare Cost and Utilization Project (HCUP): Can HCUP Fill the Gap Left By DAWN? - (12200-FA23) 149,132

Sponsor: Office of National Drug Control Policy - Executive Office of the President

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Analysis of Drug-Involved Driving Data from the Fatality Analysis Reporting System: An Update and Extension through 2014 - (12200-FA24) 64,916

Sponsor: Office of National Drug Control Policy - Executive Office of the President

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

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Earth and Ocean Sciences

Yogodzinski, Gene

Continental Crust Formation at Intra-Oceanic Arc: Arc Foundations, Inception and Early Evolution - (13040-FC27) 46,742

Sponsor: Consortium for Ocean Leadership (Integrated Ocean Drilling Program) (IODP)/Various Federal Agencies.

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Geography

Carr, Edward

Research and Implementation Related to Adaptation to Climate Change - (13540-FB26) 230,000

Sponsor: International Resources Group (IRG)/USAID

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Mathematics

Vasquez, Paula

Collaborative Research: A Molecular-to-Continuum, Data-Driven Strategy for Mucus Transport Modeling - (21400-FA27) 210,000

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

Public Service & Policy Research, Institute for

Oldendick, Robert

2014 Adult Tobacco Survey (Data Collection) - (21100-GL26) 397,557

Sponsor: South Carolina Department of Health and Environmental Control (SC DHEC)

Co-PI: Lyle, Monique Eberth, Jan McLain, Alexander

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

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Science Education, Center for

Jordan, Donald M.

DOD SC Junior Science and Humanities Symposium 2015 - (13090-FL06) 15,300

Sponsor: Academy of Applied Science/DoD

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Statistics

Ma, Yanyuan

A New Treatment to Dimension Reduction via Semiparametrics - (13080-FB51) 282,588

Sponsor: National Science Foundation (NSF)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Business, Moore School of

Business, Moore School of - Dean's Office

Roth, Kendall

APPLICATION FOR GRANTS UNDER THE CENTERS FOR INTERNATIONAL BUSINESS (CIBE) Program 279,200

(CFDA NUMBER: 84.220A)

Funding Opportunity Number: ED-GRANTS-060314-001 - (15000-FA06)

Sponsor: U.S. Department of Education(USDE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 1,134,800
PROJECT_YEARS: 4

Education, College of

Educational Studies, Department of

Drasgow, Erik

Provision of Contract Courses for BACB Examination Qualification Requirements - (15240-GJ03) 67,917

Sponsor: SC Department of Disabilities and Special Needs

Co-PI: Wolfe, Katie

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

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September, 2014 New Awards

Office of Program Evaluation

D'Amico, Leigh

KIPS Evaluation Project - (15290-KA07)

7,265

Sponsor: St. Lawrence Place/United Way of the Midlands

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Engineering & Computing, College of

Chemical Engineering

Hattrick-Simpers, Jason

A Novel Intermediate-Temperature Bifunctional Ceramic Fuel Cell Energy System - (15510-FC47)

195,377

Sponsor: US Department Of Energy (DOE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

White, Ralph

A Novel Intermediate-Temperature Bifunctional Ceramic Fuel Cell Energy System - (15510-FC46)

269,995

Sponsor: US Department Of Energy (DOE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Civil & Environmental Engineering

Matta, Fabio

Prevention, Assessment and Remediation of Corrosion in Corten Steel Transmission Line Structures - (15520-JA23)

93,400

Sponsor: Centre for Energy Advancement through Technological Innovation (CEATI)

Co-PI: Velez, William

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Mechanical Engineering

Huang, Kevin

A Novel Intermediate-Temperature Bifunctional Ceramic Fuel Cell Energy System - (15540-FC77) 2,574,628

Sponsor: US Department Of Energy (DOE)

Co-PI: White, Ralph Hatrick-Simpers, Jason

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

A Novel Intermediate-Temperature Bifunctional Ceramic Fuel Cell Energy System (TT&O) - (15540-FC78) 160,000

Sponsor: US Department Of Energy (DOE)

Co-PI: White, Ralph Hatrick-Simpers, Jason

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

Knight, Travis

Design and Pulsed Power Experiments with Thorium Metal or Thorium Compounds (Phase I: Design) - (15540-JA74) 30,000

Sponsor: ProOrbis Ventures LLC (Ventures)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

National Academy for Nuclear Training 2014-2015 Fellowship - (15540-KJ05) 25,000

Sponsor: National Academy for Nuclear Training

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Li, Chen

Explore a Unified, Ultra-efficient, and Gravity-insensitive Flow Boiling Regime for Space Missions - (15540-FC75) 249,999

Sponsor: College of Charleston/NASA

Co-PI: Khan, Jamil

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 3

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Xue, Xingjian

Intermediate Temperature Nano-Structured Ceramic Hollow Fiber Membranes for Oxygen Separation - (15540-FC76) 500,000

Sponsor: Department of Energy (DOE)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 2

Medicine, School of

Cell Biology & Anatomy

Cui, Taixing

CAM Center for Epigenetic Regulation of Inflammation (Project 2) - (18020-FB33) 158,316

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Fan, Daping

CAM Center for Epigenetic Regulation of Inflammation (Project 4) - (18020-FB32) 160,289

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Spinale, Francis

Fibroblast Phenotype and Function - Effects of GGF-2 - (18020-JA06) 144,535

Sponsor: Acorda Therapeutics, Inc.

Co-PI: Goldsmith, Edie

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Family & Preventive Medicine

Bennett, Kevin

Upper Midlands Regional Health Network 2014-2017 - (18130-FL23) 6,975

Sponsor: Upper Midlands Rural Health Network/ORHP/HRSA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 3

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September, 2014 New Awards

Obstetrics & Gynecology

Burgis, Judith

2014 Carolina Women's Health Research Forum - (18110-KA08) 9,950

Sponsor: SC MedTransTEch

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Pathology, Microbiology and Immunology

Gandy, Kathryn

MicroRNA Regulation of EAE by Resveratrol - (18060-FB07) 57,782

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

Co-PI: Nagarkatti, Mitzi Nagarkatti, Prakash

AWARD_PROJECT_AMT. IF AVAILABLE: 178,854
PROJECT_YEARS: 3

Karan, Dev

Modulation of NK Cell Activity by Dietary Product for Prostate Cancer Prevention - (18060-FB12) 97,145

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Nagarkatti, Mitzi

CAM Center for Epigenetic Regulation of Inflammation (Project 3) - (18060-FB11) 329,965

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 5

Office of Research
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September, 2014 New Awards

Nagarkatti, Prakash

CAM Center for Epigenetic Regulation of Inflammation (Admin. Core) - (18060-FB08) 100,125

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

Co-PI: Nagarkatti, Mitzi

AWARD_PROJECT_AMT. IF AVAILABLE: 8,313,028

PROJECT_YEARS: 5

CAM Center for Epigenetic Regulation of Inflammation (Project 1) - (18060-FB10) 331,820

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Singh, Narendra

CAM Center for Epigenetic Regulation of Inflammation (Analytical Core) - (18060-FB09) 233,625

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Pediatrics

Widener, Rebecca

SC DHEC Div of STD/HIV 14-15 - (18140-FM35) 160,489

Sponsor: SC Dept of Health & Environmental Control/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

SC DHEC Div of STD/HIV 14-15 - (18140-LL00) 36,500

Sponsor: SC Dept of Health & Environmental Control/HHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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Pharmacology, Physiology & Neuroscience

Mott, David

Kainate Receptor Modulation in Epilepsy - (18080-KA48) 32,500

Sponsor: United Negro College Fund and the Merck Company Foundation

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Nursing, College of

Nursing

Culley, Joan

Validating Triage for Chemical Mass Casualty Incidents - A First Step - (11200-FA21) 682,028

Sponsor: National Library of Medicine (NLM)/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 4

Pharmacy, SC College of

Pharmaceutical and Biomedical Sciences

Hofseth, Lorne

CAM Center for Epigenetic Regulation of Inflammation (Project 2) - (11110-FA70) 171,881

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Identification of Citrullinated Biomarkers of Inflammatory Diseases and Cancer - (11110-FA71) 62,500

Sponsor: University of Massachusetts/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE: 312,502

PROJECT_YEARS: 4

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September, 2014 New Awards

Public Health, Arnold School of

Environmental Health Sciences

Chatterjee, Saurabh

CAM Center for Epigenetic Regulation of Inflammation (Project 4) - (11510-FB64) 173,036

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Kloot, Robin

International Year of Soils (IYS): Video Outreach - (11510-FL11) 25,000

Sponsor: Natural Resources Conservation Service/USDA

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Scott, Geoff

Development of Ecosystem Forecasting Tool to Assess Climate Change Vulnerability and Predict Vibrio Bacterial Abundance in National Parks of the US" - (11510-FB63) 10,000

Sponsor: National Park Service - Southeast Region/DOI

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Epidemiology & Biostatistics

Eberth, Jan

A Dissemination Project to Advance Lung Cancer Screening in SC - (11520-FL17) 43,537

Sponsor: South Carolina Cancer Alliance/DHEC/CDC

Co-PI: McDonnell, Karen

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

2014 Adult Tobacco Survey - (11520-GL01) 93,569

Sponsor: South Carolina Department of Health and Environmental Control (SC DHEC)

Co-PI: McLain, Alexander

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

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McDermott, Suzanne

South Carolina Muscular Dystrophy Surveillance System - (11520-FB45) 50,000

Sponsor: SC Department of Health and Environmental Control/CDC

Co-PI: Mann, Joshua Cai, Bo venkatesh, yedatore

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Health Promotion, Education & Behavior

Friedman, Daniela

SIP 14-011: Multi-Level, Community-Clinical Cancer Prevention and Control Interventions - (11570-FB20) 10,400

Sponsor: Centers for Disease Control (CDC)

Co-PI: Hebert, James

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

SIP 14-002: Implementing Road Map Actions through a New Healthy Brain Initiative Network - (11570-FB21) 95,000

Sponsor: Centers for Disease Control (CDC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 5

Health Services Policy and Management

Khan, Mahmud

Economic Studies of Vaccines and Immunization Policies, Programs, and Practices for Adults - (11550-FL27) 149,989

Sponsor: Centers for Immunization & Respiratory Diseases/(CDC)

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

Probst, Janice

Upper Midlands Regional Health Network 2014-2017 - (11550-FL28) 21,158

Sponsor: Upper Midlands Rural Health Network/ORHP/HRSA

Co-PI: Bennett, Kevin

AWARD_PROJECT_AMT. IF AVAILABLE: 78,133

PROJECT_YEARS: 3

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Xirasagar, Sudha

Evaluation of the Impact of Providence Hospital's Primary Care Referral Program on ER Visits and Inpatient Admissions - (11550-LA07) 9,500

Sponsor: Sisters of Charity of Providence Hospitals

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Public Health, Arnold School of - Dean

Smith, Lillian

KershawHealth Planning/Evaluation (Evaluation) - (11500-GL13) 108,000

Sponsor: KershawHealth/SCHHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

KershawHealth Planning/Evaluation (Planning) - (11500-GL14) 44,000

Sponsor: KershawHealth/SCHHS

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Social Work, College of

Social Work, College of

Grace, Breanne

Sisters of Charity - (15900-KA26) 9,191

Sponsor: Sisters of Charity Foundation

Co-PI: Roth, Benjamin

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Levkoff, Sue

Improving Healthy Lifestyles for Older Adults in Urban China - (15900-KA27) 25,000

Sponsor: Bloomberg Philanthropies

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:
PROJECT_YEARS: 1

Office of Research
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September, 2014 New Awards

Reitmeier, Melissa

Training for Transitions: Preparedness for Behavioral Health Social Workers (TFT) - (15900-FJ66) 87,366

Sponsor: Health Resources & Services Administration (HRSA)/HHS

Co-PI: Iachini, Aidyn Browne, Teri

AWARD_PROJECT_AMT. IF AVAILABLE: 925,787

PROJECT_YEARS: 3

Worrell, Cheryl

DHEC/CCFS Interpreter Qualification Project Services - (15900-GL25) 5,576

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

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

University Libraries

University Libraries

Pappas, Lydia

National Film Preservation Foundation Basic Preservation Grant: Gleason Collection - (30000-FL14) 5,050

Sponsor: National Film Preservation Foundation (NFPF)/Library of Congress

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

USC Beaufort

USC Beaufort - Academic Affairs

Cosley, Brandon

Together for Beaufort Community Indicators - (17210-HL07) 20,000

Sponsor: Beaufort County Human Services

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 1

**Office of Research
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September, 2014 New Awards

USC Upstate

USC Upstate

Harrington, Charles

Strengthening USC Upstate By Investing in Student Engagement and Advising Success - (17880-FL84) 422,888

Sponsor: US Department of Education (USDE)

Co-PI: Skul, Jeanne

AWARD_PROJECT_AMT. IF AVAILABLE: 2,242,440

PROJECT_YEARS: 5

Omolo, Bernard

Research Supplements to Promote Diversity - Individualizing Colon Cancer Therapy Using Hybrid RNA and DNA Mol. Signature - (17880-FA13) 134,668

Sponsor: Spartanburg Regional Medical Center/NIH

Co-PI:

AWARD_PROJECT_AMT. IF AVAILABLE:

PROJECT_YEARS: 2

Report Total: \$10,432,369