August, 2013 Awards

#### Arts and Sciences, College of

#### Archaeology & Anthropology, SC Institute of

Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110 180,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Smith, Karen

Fort Jackson, South Carolina, Cultural Resources Program for the Cooperative 103,800

Ecosystem Studies Unit - 21300-FA82

Sponsor: Department of the Army

Co-PI:

Smith, Steven

Preserving Fields of Conflict: Battlefield Preservation Workshop - 21300-FJ02 42,790

Sponsor: National Park Service/American Battlefield Protection Program/DOI

Co-PI:

Spirek, James

Charleston Harbor Stone Fleets Survey - 21300-FA83

17,500

Sponsor: SC Department of Archives and History/ National Park Service/DOI

Co-PI: Deming, Ashley

#### **Baruch Institute**

Allen, Wendy

North Inlet - Winyah Bay National Estuarine Research Reserve - 21600-FC21

552,436

Sponsor: Estuarine Reserves Division/NOAA

Co-PI:

Greenfield, Dianne

Development of a Novel Genetic Approach to Rapidly Detect and Quantify Fish Eggs of Commercially Important Species: a New Tool for Fisheries Management - 21600-

24,641

FC15

Sponsor: SC Sea Grant Consortium/NOAA

Smith, Erik	
Assessing Aeration as a Means of Improving Stormwater Pond Performance and Reducing Organic Loading to the Coastal Zone - 21600-FC16	36,754
Sponsor: SC Sea Grant Consortium/NOAA	
Co-PI: Richardson, Tammi	
Biological Sciences	
Chen, Hexin	
HER2 and the Link between Inflammation and Cancer Stem Cells - 13010-FC27	294,899
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
Dudycha, Jeffry	
Characterization and Genetics Analysis of Aging in Daphnia - 13010-FC25	250,447
Sponsor: National Institute on Aging (NIA)/NIH	,
Co-PI: Place, Sean Patel, Rekha	
Ely, Berten	
•	-342 698
South Carolina Initiative for Minority Development - 13010-FB80	-342,698
•	-342,698
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH	-342,698 342,698
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-	,
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH	,
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard	,
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  Felder, Michael	342,698
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  Felder, Michael  Peromyscus Laboratory Models for Biomedical Research - 13010-FC03	342,698
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  Felder, Michael  Peromyscus Laboratory Models for Biomedical Research - 13010-FC03  Sponsor: Office of the Director/NIH	342,698
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  Co-PI: Hunt, Richard  Felder, Michael  Peromyscus Laboratory Models for Biomedical Research - 13010-FC03  Sponsor: Office of the Director/NIH  Co-PI: Szalai, Gabor	342,698 -19,004
South Carolina Initiative for Minority Development - 13010-FB80  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI: Hunt, Richard  University of South Carolina Initiative for Maximizing Student Development - 13010-FC18  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI: Hunt, Richard  Felder, Michael Peromyscus Laboratory Models for Biomedical Research - 13010-FC03 Sponsor: Office of the Director/NIH Co-PI: Szalai, Gabor  Peromyscus Laboratory Models for Biomedical Research - 22060-FA00	342,698 -19,004

Griffen, Blaine  NSF Graduate Fellowhsip (Benjamin Toscano) - 13010-FB88 22,000  Sponsor: National Science Foundation (NSF)  Co-Pl: Toscano, Benjamin  Helmuth, Brian  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB98 85,883  Sponsor: National Aeronautics & Space Administration (NASA)  Co-Pl:  Hughes, Austin  NSF Graduate Fellowship (Chase Nelson) - 13010-FC26 22,000  Sponsor: National Science Foundation (NSF)  Co-Pl: Nelson, Chase  Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142  Sponsor: National Aeronautics & Space Administration (NASA)  Co-Pl: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial Heterodyne UV Raman Spectrometer-Towards Miniature UV Raman Sensors and
Sponsor: National Science Foundation (NSF) Co-Pl: Toscano, Benjamin  Helmuth, Brian Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB98 85,883 Sponsor: National Aeronautics & Space Administration (NASA) Co-Pl:  Hughes, Austin NSF Graduate Fellowship (Chase Nelson) - 13010-FC26 22,000 Sponsor: National Science Foundation (NSF) Co-Pl: Nelson, Chase  Wethey, David Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142 Sponsor: National Aeronautics & Space Administration (NASA) Co-Pl: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry Angel, S. Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
Helmuth, Brian  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB98  Sponsor: National Aeronautics & Space Administration (NASA) Co-PI:  Hughes, Austin  NSF Graduate Fellowship (Chase Nelson) - 13010-FC26 Sponsor: National Science Foundation (NSF) Co-PI: Nelson, Chase  Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 Sponsor: National Aeronautics & Space Administration (NASA) Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry Angel, S. Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial  441,500
Helmuth, Brian  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB98  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI:  Hughes, Austin  NSF Graduate Fellowship (Chase Nelson) - 13010-FC26  Sponsor: National Science Foundation (NSF)  Co-PI: Nelson, Chase  Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial
Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB98 85,883  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI:  Hughes, Austin  NSF Graduate Fellowship (Chase Nelson) - 13010-FC26 22,000  Sponsor: National Science Foundation (NSF)  Co-PI: Nelson, Chase  Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
Sponsor: National Aeronautics & Space Administration (NASA) Co-PI:  Hughes, Austin  NSF Graduate Fellowship (Chase Nelson) - 13010-FC26 Sponsor: National Science Foundation (NSF) Co-PI: Nelson, Chase  Wethey, David Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142 Sponsor: National Aeronautics & Space Administration (NASA) Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry Angel, S. Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
Hughes, Austin  NSF Graduate Fellowship (Chase Nelson) - 13010-FC26  Sponsor: National Science Foundation (NSF)  Co-PI: Nelson, Chase  Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93  345,142  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial
NSF Graduate Fellowship (Chase Nelson) - 13010-FC26  Sponsor: National Science Foundation (NSF) Co-PI: Nelson, Chase  Wethey, David Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142 Sponsor: National Aeronautics & Space Administration (NASA) Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry Angel, S. Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial  441,500
Sponsor: National Science Foundation (NSF) Co-PI: Nelson, Chase  Wethey, David Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142 Sponsor: National Aeronautics & Space Administration (NASA) Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry Angel, S. Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
Co-PI: Nelson, Chase  Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
Wethey, David  Physiological Impacts of Climate Change Using Remote Sensing - 13010-FB93 345,142  Sponsor: National Aeronautics & Space Administration (NASA)  Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
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Co-PI: Woodin, Sarah Hilbish, Thomas Helmuth, Brian Lakshmi, Venkataraman  Chemistry & Biochemistry  Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial  441,500
Chemistry & Biochemistry Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
Angel, S.  Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial  441,500
Instrument Development: A Miniature, High-resolution, Stationary Grating Spatial 441,500
"Raman on a Chip" - 13020-FC35
Sponsor: National Sceince Foundation (NSF)
Co-PI:
Benicewicz, Brian
Solution Polymerization Studies of PBI Polymers - 13020-JA20 150,000
Sponsor: PBI Performance Products, Inc.
Co-PI:
Dawson, John
Editing: Journal of Inorganic Biochemistry - 13020-J400 917
Sponsor: Elsevier Science, Inc.
Co-PI:

Ferry, John	
Reaction Networks in Environmental Systems: Connecting Reactive Oxygen Species Generation and Particle Formation during the Oxidation of Ferrous Iron 13020- FC34	50,000
Sponsor: National Science Foundation (NSF)	
Co-PI: Shaw, Timothy	
Karthikeyan, Mythreye	
Investigating the TGFB Superfamily as Therapeutic Targets in Ovarian Cancer - 13020-KA94	111,211
Sponsor: Ovarian Cancer Research Fund Co-PI:	
Murphy, Catherine	
Journal of Physical Chemistry Editorship - 13020-KL00	12,278
Sponsor: American Chemical Society Co-PI:	
Outten, Caryn	
Mechanistic Studies of Iron Regulation in Yeast - 13020-FC19	-114,119
<b>Sponsor:</b> National Institute of General Medical Sciences (NIGMS)/NIH <b>Co-PI:</b>	
Mechanistic Studies of Iron Regulation in Yeast - 13020-FC29	114,119
<b>Sponsor:</b> National Institute of General Medical Sciences (NIGMS)/NIH <b>Co-PI</b> :	
Tang, Chuanbing	
Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism - 13020-FC20	8,026
Sponsor: National Science Foundation (NSF)	
Co-PI: Decho, Alan Ebalunode, Jerry	

zur Loye, Hans-Conrad	
A Synthetic Strategy to Prepare New Complex Uranium and Thorium Containing Oxides: Predictive Solid State Synthesis of New Composition using Radius Ratio Rules and Materials Discovery based on Crystal Growth from High Temperature Solutions - 13020-FC17	96,000
Sponsor: US Department of Energy (DOE) Co-PI:	
Earth and Ocean Sciences Bulusu, Subrahmanyam	
USC- SC Space Grant Consortium Award - 13040-FC07	1,500
Sponsor: College of Charleston/NASA Co-PI:	,
New Approaches to understanding the MJO using Satellite Altimetry and Aquarius Salinity in the Tropical Oceans - 13040-FC15	95,237
<b>Sponsor:</b> National Aeronautics & Space Administration (NASA) <b>Co-PI:</b>	
Lakshmi, Venkataraman	
Physiological Impacts of Climate Change Using Remote Sensing - 13040-FB95	40,404
<b>Sponsor:</b> National Aeronautics & Space Administration (NASA) <b>Co-PI:</b>	
Voulgaris, George	
Benthic Boundary Layer Processes and Sediment Transport during Hurricane Sandy on Fire Island, NY - 13040-FC14	35,000
Sponsor: U.S. Geological Survey (USGS)/DOI Co-PI:	
Southeast Coastal Ocean Observing Regional Association (SECOORA): A Framework for Monitoring, Prediction and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools - USC HF Radar - 13040-FC16	104,286
<b>Sponsor:</b> Southeast Coastal Ocean Observing Regional Association (SECOORA)/NOAA <b>Co-PI:</b>	

Geography Cutter, Susan	
E2E: Identifying and Analyzing the Driving Forces of Hurricane Recovery for Disaster Stricken Areas to Improve Long-term Planning - Continuation Funding - 13540-FB15	23,310
Sponsor: UNC Chapel Hill/DHS Co-PI: Emrich, Christopher	
Emrich, Christopher	
2010 Census Update of the Enhancement of the Social Vulnerability Index (SOVI) for Use in Assessing Coastal Risk - 13540-FL01	50,000
Sponsor: National Oceanic and Atmospheric Administration (NOAA) Co-PI: Gall, Melanie	
Hiscox, April  Regional Models for Used in Understanding Maimaiga Outbreaks - 13540-FB14	20,000
Sponsor: US Forest Service/USDA Co-PI:	
History	
Weyeneth, Robert	
GA: Stephanie Gray - 13550-GP85	5,500
<b>Sponsor:</b> SC Department of Archives and History (State Historic Preservation Office) <b>Co-PI:</b>	
GA: Jessica Childress - 13550-GP86	3,600
<b>Sponsor:</b> SC Department of Archives and History (Archives Division) <b>Co-PI:</b>	
GA: Megan Southern - 13550-GP87	12,000
Sponsor: Historic Columbia Foundation Co-PI:	
Mathematics Binev, Peter	
ATD Collaborative Research: Theory and Algorithms for High Dimensional Learning - 21400-FA17	130,132
<ul><li>Sponsor: National Science Foundation (NSF)</li><li>Co-PI: Ebalunode, Jerry Dahmen, Wolfgang</li></ul>	

Meade, Douglas  Collaborative Research: Maplets for Calculus (M4C) - 21400-FA07	58,294
Sponsor: National Science Foundation (NSF) Co-PI: Dickey, Ed	
<b>,</b> ,	
Sun, Yi	
Multiscale Computational Methods with Applications in Materials Science and Tissue Engineering - 21400-FA23	158,038
Sponsor: National Science Foundation (NSF) Co-PI:	
Wang, Qi	
Collaborative Research: Experimentally Guided Mathematics for the Mechanochemistry of Cell Shape Dynamics - 21400-FA18	146,250
Sponsor: National Science Foundation (NSF)	
Co-PI: Yang, Xiaofeng	
McKissick Museum	
Przybysz, Jane	
SCAC Folklife Partnership - 34000-GL02	64,582
Sponsor: SC Arts Commission	
Co-PI: Taylor, Saddler	
Puchner, Edward	
Created Equal: America's Civil Rights Struggle - 34000-KL03	1,200
Sponsor: The Gilder Lehrman Institute of American History Co-PI: Przybysz, Jane	
Philosophy Khushf, George	
Center for Bioethics - 21150-LA00	27,789
Sponsor: USC School of Medicine Educ. Trust/PHA Co-PI:	

Physics & Astronomy Avignone, Frank	
Participation in the Construction and Operation of the CUORE and Majorana Neutrinoless Double-Beta Decay Experiments - 13070-FB26	332,500
Sponsor: National Science Foundation (NSF) Co-PI: Creswick, Richard	
Gudkov, Vladimir	
Fundamental Neutron Physics: Theory and Analysis - 13070-FA85	10,000
Sponsor: US Department of Energy (DOE)  Co-PI:	
Psychology Patterson, Celesia	
GA: Laura Kurzban - 13580-KP13	12,000
Sponsor: South Carolina Coalition for the Homeless Co-PI:	
GA: Carl Sorenson, Jessica Scherr, Heather Lasky - 13580-LP27	31,050
Sponsor: Pine Grove, Inc. Co-PI:	
GA: Jiang Lilya - 13580-LP28	8,988
Sponsor: Pine Grove, Inc. Co-PI:	
Richards, John	
The Development of Sustained Attention in Infants - 13580-FA94	-9,254
Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH Co-PI:	
The Development of Sustained Attention in Infants - 13580-FB09	9,254
Sponsor: National Institute of Child Health & Human Development (NIHCD)/NIH Co-PI:	

Van Horn, M.  Risk in Context: New Methodology for Modeling Risk by Context Interactions - 13580-FA88	-188,615
Sponsor: Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHHD)/NIH	
Co-PI: Wilson, Dawn Fagan, Abigail	
Risk in Context: New Methodology for Modeling Risk by Context Interactions 13580-FB13	188,615
<b>Sponsor:</b> National Institute of Child Health & Human Development(NICHD)/NIH <b>Co-PI:</b>	
Weist, Mark	
Strengthening the Quality of School Mental Health Services - 13580-FA80	-229,317
Sponsor: National Institutes of Mental Health (NIMH)/NIH Co-PI:	
Strengthening the Quality of School Mental Health - 13580-FB12	229,317
Sponsor: National Institute of Mental Health (NIMH)  Co-PI:	
Public Service & Policy Research, Institute for Oldendick, Robert	
Smoking Cessation for Adolescents - 21100-FL39	-10,000
Sponsor: American Academy of Pediatrics/NIH Co-PI:	
Ongoing Consumer Satisfaction Survey - 21100-FL53	120,000
Sponsor: SC Department of Health & Human Services/HHS Co-PI:	
Surveying Consumers to Identify the Types of Information Needed about the Health Care Reform Law - 21100-GL25	22,200
<b>Sponsor:</b> SC Department of Health & Human Services <b>Co-PI:</b>	

August, 2013 Awards

#### **Statistics**

#### Hanson, Timothy

Innovative Spatial Survival Models with Geographically Varying Coefficients - 13080-

20,361

FB46

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

#### **Business, Moore School of**

#### Business, Moore School of - Dean's Office

#### Folks, William

FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) - 21200-FA21

169,443

Sponsor: US Department of Education (USDE)

Co-PI:

#### Thatcher, Sherry

VOSS Collaborative Research: I Want You to Know Who I Am: Identity Communication and Verification in Virtual Teams - 15000-FA04

81,225

Sponsor: National Science Foundation (NSF)

Co-PI:

#### **Education, College of**

#### **Education Leadership & Policies**

#### **Hudgins, James**

2013-14 SC Technical College Leadership Academy - 15230-GL18

10,000

Sponsor: SC State Board of Technical and Comprehensive Education

Co-PI:

### Educational Studies, Department of

#### Brown, William

Paraprofessionals Preservice Improvement Grant - 15240-FL07

139,931

Sponsor: US Department of Education (USDE)

Co-PI: D'Amico, Leigh

August, 2013 Awards

USC Special Education Program Improvement Project (USC SEPIP) - 15240-FL08

Sponsor: US Department of Education (USDE)	
Co-PI: Yell, Mitchell Dickey, Ed	
Marshall, Kathleen	
Project CREATE 2013-14 - 15240-FJ25	35,000
Sponsor: SC Department of Education/USDE	
Co-PI:	
Plotner, Tony	
Project POSTS: Preparation of Secondary Transition Specialists - 15240-FJ21	248,047
Sponsor: US Department of Education (USDE)	
Co-PI: Marshall, Kathleen Drasgow, Erik	
Instruction 9 Teacher Education	
Instruction & Teacher Education	

189,273

Boutte, Gloria

Christle, Christine

OEO: Contract Courses - Revenue - 15250-LX00 10,000

Sponsor: Various Sponsors

Co-PI:

Knopf, Herman

Management & Administration of the Child Care Resource and Referral Network 2013-1,361,471

2014 - 15220-FL00

Sponsor: SC Department of Social Services (DSS)/HHS

Co-PI:

Management & Administration of the Child Care Resource and Referral Network 2013--1,361,471

2014 - 15250-FL47

Sponsor: SC Department of Social Services (DSS)/HHS

August, 2013 Awards

Schnak	œ, K	errie
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South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network

883,358

(2013-14) - 15220-FJ00

Sponsor: SC Department of Social Services(DSS)/HHS

Co-PI:

South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network (2013-14) - 15250-FJ51

-883,358

Sponsor: SC Department of Social Services(DSS)/HHS

Co-PI:

#### Office of Program Evaluation

Dickenson, Tammiee

Evaluation of SC Gateways: From Cradle to Career - 15290-FL27

80,000

Sponsor: SC Department of Education/USDE

Co-PI:

#### **Engineering & Computing, College of**

#### **Chemical Engineering**

Amiridis, Michael

Parametric Studies of BASF's Purification Catalysts - 15510-J145

60,000

Sponsor: BASF Corporation

Co-PI:

Heyden, Andreas

Collaborative Research: Rational Design of Bifunctional Catalysts for the Conversion

75,000

of Levulinic Acid to Gamma-valerolactone - 15510-FC10

Sponsor: National Science Foundation (NSF) Co-PI:

Jabbari, Esmaiel

Microengineered Osteoinductive and Vasculogenic Scaffold - 15510-FC28

340,422

Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases

(NIAMS)/NIH

August, 2013 Awards

Matthews, Michael

Trulite Product Testing - 15510-FC25 47,629

Sponsor: Engenuity SC/HUD

Co-PI:

Ploehn, Harry

I-Corps: Measuring Parallel Permeation of Gases through Barrier Packaging 20,000

Materials - 15510-FC26

Sponsor: National Science Foundation (NSF)

Co-PI: Chen, Xiaoming

Regalbuto, John

Distributed On-Farm Bioenergy, Biofuels and Biochemicals (FarmBio3) Development 150,000

and Production via Integrated Catalytic Thermolysis. - 15510-FC18

Sponsor: US Department of Agriculture (USDA)

Co-PI:

Shimpalee, Sirivatch

Topic 4A Transport Studies in Modeling in PEM Cell Stack - subcontract to Giner 88,000

Electrochemical Systems, LLC - 15510-FB74

Sponsor: Giner Electrochemical Systems, LLC/DOE

Co-PI:

Williams, Christopher

IGERT: Functional Nanomaterials for Sustainable Energy Solutions - 15510-FC27 3,000,000

197,943

Sponsor: National Science Foundation (NSF)

Co-PI: Lauterbach, Jochen Chen, Donna Sandberg, William

Civil & Environmental Engineering

Berge, Nicole

NUE: Nanotechnology LINK: An integrated approach for nanotechnology education:

End-of-life management of nanomaterial-containing wastes - 15520-FB12

Sponsor: National Science Foundation (NSF)

Co-PI: Pierce, Charles Caicedo, Juan Matta, Fabio Yoon, Yeomin

Saleh, Navid  Collaborative Research: Fate, Transport, and Organismal Uptake of Rod-Shaped Nanomaterials - 15520-FB24  Sponsor: National Science Foundation (NSF)  Co-PI:	119,016
Computer Science & Engineering Bakos, Jason Kernel Library Development for the Texas Instruments Keystone-II DSP Architecture - 15590-JA05	61,000
Sponsor: Texas Instruments  Co-PI:	
Valafar, Homayoun  South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) Bioinformatics (Year 4 of 5) - 15590-FB01  Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH	102,950
Co-PI:	
Electrical Engineering Ali, Mohammod  Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS) -	56,020
15530-FB49  Sponsor: Universal Technology Corporation/USAF/DOD  Co-PI:	
Dougal, Roger  GRAPES Industry University Collaborative Research Center (I/UCRC) - Operating Account for NSF Award 15530-FA93 - 15530-JA18	-9,000
Sponsor: Various Sponsors Co-PI:	
GRAPES Industry University Collaborative Research Center - (Administration Account) - 15530-JA23	5,000
Sponsor: Various Sponsors Co-PI:	

August, 2013 Awards

Khan, Asif	
GOALI: Low Dislocation Density Semi-polar III-Nitride Substrates for Polarization Free Ultraviolet Light Emitting Diodes - 15530-FB26	130,000
Sponsor: National Science Foundation (NSF) Co-PI:	
Shin, Yong-June	
NSF Graduate Research Fellowship (David L. Coats) - 15530-FB50	22,000
Sponsor: National Science Foundation (NSF)	
Co-PI: Coats, David	
Zhang, Bin	
A Lithium-Ion Battery Health Monitoring System - 15530-KA20	18,653
Sponsor: Southeastern Center For Electrical Engineering Education (SCEEE) Co-PI:	
Mechanical Engineering Farouk, Tanvir	
An Experimental and Modeling Study of NOx-CO Formation in High Hydrogen Content (HHC) Fuel Combustion in Gas Turbine Applications - 15540-FC46	500,000
Sponsor: Department of Energy (DOE)  Co-PI: Padak, Bihter	
Giurgiutiu, Victor	
Predictive Sensing for Space Applications - 15540-FB96	125,000
Sponsor: Air Force Office of Scientific Research (AFOSR)/DOD Co-PI:	
Huang, Kevin	
Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells - 15540-FC45	260,685
Sponsor: National Science Foundation (NSF)	
<u> </u>	

Kidane, Addis  Effect of Microstructure and Interface Layer on the Fracture and Thermal Behavior of	174,986
Nanocomposites - 15540-FC44	
Sponsor: National Science Foundation (NSF) Co-PI:	
Knight, Travis	
DOE Nuclear Engineering Scholarship and Fellowship Program at USC - 15540-FJ05	155,000
Sponsor: US Department of Energy (DOE)  Co-PI: Khan, Jamil	
Reynolds, Anthony FSP I/UCRC Operation Account - 15540-JA21	87,500
Sponsor: Various Sponsors  Co-PI:	01,000
<del></del>	
Wang, Guiren	
Collaborative Research: Deciphering Induced-Charge Electrokinetics: Multiscale Simulations and Nanoscale Flow Characterization - 15540-FC47	137,374
Sponsor: National Science Foundation (NSF) Co-PI:	
Enrollment Management	
TRIO Programs Beasley, Paul	
Student Support Services - 21710-FL35	296,956
Sponsor: US Department of Education (USDE) Co-PI:	
Ronald E. McNair Post Baccalaureate Achievement Program - 21710-FL39	221,498
Sponsor: US Department of Education (USDE) Co-PI:	
Student Support Services Program - Grant-in-Aid - 43000-FL80	20,000
Sponsor: US Department of Education (USDE) Co-PI:	

Butler, Issaia  USC Union Student Support Services - 17770-FL06  Sponsor: US Department of Education (USDE)  Co-PI:	233,182
Hospitality, Retail & Sport Management, College of	
Hospitality, Retail & Sport Management - (Dean) Hudson, Simon Measuring Travel Effect on Education - 14000-KA06 Sponsor: United States Travel Association Co-PI:	54,955
Law, School of	
Children's Law Center Morris, Carolyn Court Improvement Training Grant - 15810-FJ11 Sponsor: SC Court Administration/HHS Co-PI:	158,000
Court Improvement Basic Grant - 15810-FL50  Sponsor: SC Court Administration/HHS  Co-PI:	173,000
DSS Task Order #5: Child Abuse / Neglect Investigations - 15810-FL51  Sponsor: SC Department of Social Services/HHS  Co-PI:	100,000
Joint Legislative Committee on Children - 15810-GL10  Sponsor: South Carolina Senate Co-PI:	205,275

August, 2013 Awards

Law, School of Robinson, Pamela SC Bar Foundation Public Interest Fellows Program 2013-14 - 15800-KL25 Sponsor: SC Bar Foundation Co-PI:	15,000
Medicine, School of	
Cell Biology & Anatomy	
Carver, Wayne South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5) - 18020-FB21	184,950
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH Co-PI:	
Fan, Daping	
SsnB, a Chinese Herb-Derived Selective TLR Antagonist - 18020-FA92	-145,064
<b>Sponsor:</b> National Center for Complementary & Alternative Medicine (NCCAM)/NIH <b>Co-Pl:</b>	
SsnB, a Chinese Herb-Derived Selective TLR Antagonist - 18020-FB11	145,064
Sponsor: National Center for Complementary & Alternative Medicine (NCCAM)/NIH Co-PI:	
Role of microRNA-155 in Macrophage Function and Atherosclerosis - 18020-KA31	77,000
Sponsor: American Heart Association Co-PI:	
Goldsmith, Edie	
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE)PACD (Year 4 of 5) - 18020-FB20	182,451
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH	

Lavoie, Holly	
Role of STARD6 in Ovarian Steroidogenesis - 18020-FB18	55,007
Sponsor: National Institute of Child Health & Human Development (NICHD)/NIH Co-PI:	
Morad, Martin	
Suppression of Cardiac Calcium Channels by Acute Hypoxia - 18020-FA82	-266,655
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH Co-PI: Cleemann, Lars	
Suppression of Cardiac Calcium Channels by Acute Hypoxia - 18020-FB15	266,655
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH Co-PI: Cleemann, Lars	
Spinale, Francis	
Localized Targeting of Matrix Proteases Following Myocardial Infarction (Diversity Supplement: Eva Juarez-Perez) - 18020-FB22	40,311
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH Co-PI:	
Tang, Dongqi	
Reveresal of Diabetes by Pdx1-VP16 and Pax4-Induced Islet Regeneration - 18020- FB19	109,944
Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH Co-PI:	
Family & Preventive Medicine McDermott, Suzanne	
Three State Rare Conditions Surveillance Project - 18130-FA20	397,903
Sponsor: Centers for Disease Control and Prevention (CDC) Co-PI: Mann, Joshua	,,,,,
DDSN Data Management Biostatistical Contract - 18130-GL25	15,000
Sponsor: SC Department of Disabilities & Special Needs Co-PI: Mann, Joshua	

August, 2013 Awards

#### **Genetics**

Edwards, Janice

Universal Carrier Screening Task Force - 18210-KL00

20,000

Sponsor: Perinatal Quality Foundation

Internal Medicine	
Albrecht, Helmut	
Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY) - Women's Clinic - 18190- FM10	235,487
Sponsor: SC Department of Health & Environmental Control (DHEC)/HRSA Co-PI: Raley, Nancy	
A Phase 3, Randomized, Double-Blind, Study to Evaluate the Safety and Efficacy of Elvitegravir/ Emtricitabine/Tenofovir Disoproxil Fumarate/GS-9350 Versus Ritonavir-Boosted Atazanavir Plus Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Infected, Ant	1,164
Sponsor: Gilead Sciences, Inc.	
Co-PI:	
Gilead Sciences, Inc. Protocol GS-US-216-0114: A Phase 3, Randomized, Double- Blind Study to Evaluate the Safety and Efficacy of GS-9350-boosted Atazanavir Versus Ritonavir-Boosted Atazanavir Each Administered with Emtricitabine/Tenofovir Disoproxil Fumara	582
Sponsor: Gilead Sciences, Inc.	
Co-PI:	
A Phase IIb Randomized, Controlled, Partially Blinded Clinical Trial to Investigate the Safety, Efficacy and Dose-response of BMS-986001 in Treatment-naive HIV-1-infected Subjects, Followed by an open-label Period on the Recommended Dose (Protocol Al46700	1,800
Sponsor: Bristol-Myers Squibb Company	
Co-PI:	
••••	
A Phase 2, Randomized, Double-Blinded Study of the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/GS-7340 Single Tablet Regimen Versus Elvitegravir/Cobicistat/ Emtricitabine/Tenofovir Disoproxil Fumarate Single Tablet Regimen in HIV-1 Infect	2,100
Sponsor: Gilead Sciences, Inc.	
Co-PI:	

Multicenter, Double-Blind, Randomized, 2-Part, Dose Ranging Study to Compare the Safety, and Antiretroviral Activity of MK-1439 Plus TRUVADAÃÂî Versus Efavirenz Plus TRUVADAÃÂÃî in Antiretroviral Treatment-Naive, HIV-1 Infected Patients - 18190  Sponsor: Merck Sharp & Dohme Corporation Co-PI:	1,800
Amrol, David	
Patient Registry for Berinert(R), a C1-Esterase Inhibitor (Registry No. CE1145_5002) - 18190-JA67	4,860
Sponsor: CSL Behring, LLC Co-PI: Parker, R David	
Gajadhar, Rachelle	
Geriatric Academic Career Award (2010-2015) - 18190-FJ28	75,061
<b>Sponsor:</b> Health Resources & Services Administration (HRSA) <b>Co-PI:</b>	
Hirth, Victor	
Palmetto State Geriatric Education Center II - 18190-FJ20	29,284
Sponsor: Health Resources & Services Administration (HRSA)/HHS Co-PI: Dever-Bumba, Maureen	
Palmetto State Geriatric Education Center II - 18190-FJ27	428,676
Sponsor: Health Resources and Services Administration (HRSA)/HHS Co-PI: Dever-Bumba, Maureen	
Rizvi, Ali	
LEADERLiraglutide Effect and Action in Diabetes: Evaluation of cardiovascular outcome ResultsA long-term, multi-centre, international, randomised double-blind, placebo-controlled trial to determine liraglutide effects on cardiovascular events (Trial I	5,874
Sponsor: Novo Nordisk, Inc. Co-PI: Schenck, John	

Medicine Library McConnaughy, Rozalynd InfoAble Portal - Follow-up Award - 18280-FL12	5,783
<b>Sponsor:</b> University of Maryland/National Library of Medicine/NIH <b>Co-PI:</b> Wilson, Steven	
Neurology Faber, Tom	
A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury ("Synapse") - 18450-JA04	9,234
Sponsor: BHR Pharma, LLC Co-PI:	
Sen, Souvik	
Platelet-Oriented Inhibition in New TIA - 18450-FA01	3,900
Sponsor: EMMES Corp./NIH Co-PI:	
Insulin Resistance Intervention after Stroke (IRIS) Trial - 18450-FA02	1,743
Sponsor: Yale University/NIH	
Co-PI: Selph, James Mrelashvili, Davit Hwang, Te-Long	
Prospective Double-Blind, Sham-Controlled, Randomized Multi-Center Safety and Preliminary Efficacy Study of IV rt-PA plus Transcranial laser Therapy (TLT): StELLAR - 18450-FA05	6,666
Sponsor: Palmetto Health/PhotoThera, Inc./NIH Co-PI:	
A Double-Blind, Randomized, Placebo-Controlled Phase 2 Safety and Efficacy Trial of MultiStem in Adults with Ischemic Stroke - 18450-JA03	2,556
Sponsor: Athersys, Inc. Co-PI:	

Pathology, Microbiology and Immunology Ai, Walden	
Function of KLF4-expressing Stem Cells in Mouse Cutaneous Wound Healing - 18060-FA76	-3,425
<b>Sponsor:</b> National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMS)/NIH	
Co-PI:	
Nagarkatti, Prakash	
Immunopathological Basis of PTSD - 18060-FA58	-194,965
Sponsor: National Institute of Mental Health (NIMH)/NIH Co-PI: Nagarkatti, Mitzi	
Immunopathological Basis of PTSD - 18060-FA81	194,965
Sponsor: National Institute of Mental Health(NIMH)/NIH Co-PI: Nagarkatti, Mitzi	
NSF EPSCoR Research Infrastructure Improvement (RII) Track 1 - 22400-FA02	-12,000
<b>Sponsor:</b> South Carolina EPSCoR/IDeA Program )/NSF <b>Co-PI:</b>	
Nyland, Jennifer	
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity 18060-FA68	21,665
Sponsor: Medical University of SC/NIH Co-PI:	
Oskeritzian, Carole	
Mast Cell S1P Receptor2 in the Initiation and Progression of Chronic Inflammation - 18060-FA86	314,537
Sponsor: National Institute of Allergy & Infectious Diseases (NIAID)/NIH Co-PI:	

Pirisi-Creek, Lucia	
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5) - 18060-FA93	324,442
<b>Sponsor:</b> National Institute of General Medical Sciences (NIGMS)/NIH <b>Co-PI:</b> Little, Scott Carver, Wayne Valafar, Homayoun Goldsmith, Edie	
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) Admin Core (Year 4 of 5) - 22050-FA20	-50,000
<b>Sponsor:</b> National Institute of General Medical Sciences (NIGMS)/NIH <b>Co-PI:</b> Little, Scott Carver, Wayne Valafar, Homayoun Goldsmith, Edie	
Pediatrics Brown, Daniel	
Cystic Fibrosis Foundation Grant 13-14 - 18140-KA12	37,870
Sponsor: Cystic Fibrosis Foundation Co-PI:	
Rotholz, David  Leadership Education in Neurodevelopmental and Related Disorders (LEND)  Subcontract - 18140-FJ34	93,140
Sponsor: Medical University of South Carolina/HHS Co-PI:	
South Carolina Assistive Technology Program - 18140-FM15	333,992
Sponsor: US Department of Education (USDE) Co-PI:	
Training and Certification for Attendant Care Services - 18140-FM25	802,711
Sponsor: SC Department of Health & Human Services/HHS Co-PI:	
widener, rebecca	474.44
SC DHEC Div of STD/HIV 13-14 - 18140-FM26	174,445
Sponsor: SC Dept of Health and Environmental Control/HHS Co-PI:	

Pharmacology, Physiology & Neuroscience Frizzell, Norma	
Detection of S-(2-succino)cysteine (2SC) as a Biomarker of Mitochondrial Disease - 18080-FA33	68,500
<b>Sponsor:</b> National Institute of Child Health & Human Development (NICHD)/NIH <b>Co-PI:</b>	
Mott, David	
Subunit Dependent Properties of Kainate Receptors - 18080-FA31	280,313
Sponsor: National Institute of Neurological Disorders & Stroke (NINDS)/NIH Co-PI: Fisher, Janet	
Reagan, Lawrence	
Effect of Agomelatine Treatment to Reverse Stress-Mediated Alterations in the Morphology of Neurons in the Basolateral Nucleus of the Amygdala after Repeated Restraint Stress - 18080-JA17	-15,000
Sponsor: Institut de Reserches Internationales Servier (I.R.I.S.)	
Co-PI: Grillo, Claudia	
Effect of Agomelatine Treatment to Reverse Stress Mediated Alterations in Glutamate and GABA Efflux Release by in vivo Amicrodialysis in the Central Nucleus and Basolateral Nucleus of the Amygdala after Repreated Restraint Stress - 18080-JA18	53,088
Sponsor: Institut de Recherches Internationales Servier (IRIS) Co-PI: Grillo, Claudia	
Wilson, Steven	
Multigenerational Epigenetic Effects of Cannabis Exposure - 18080-FA32	17,919
Sponsor: Mount Sinai Medical Center/NIH	
Co-PI:	

August, 2013 Awards

#### **Public Health, Arnold School of**

#### **Communication Sciences & Disorders**

#### Fridriksson, Julius

A Unified Neuroanatomical Model of Speech Production and Perception: Implications -101,146 for Apraxia of Speech and Conduction Aphasia - 11560-FA08

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

Co-PI: Rorden, Christopher

A Unified Neuroanatomical Model of Speech Production and Perception: 101.146

Implications - 11560-FA14

Sponsor: National Institute on Deafness & Other Communication Disorders

(NIDCD)/NIH

Co-PI: Rorden, Christopher

#### Richardson, Jessica

2013-2014 Advancing Academic-Research Career (AARC) Award - 11560-KA16 5,000

Sponsor: American Speech-Language-Hearing Association (ASHA)

Co-PI:

#### Werfel, Krystal

2013-2014 Advancing Academic-Research Career (AARC) Award - 11560-KJ05

5,000

Sponsor: American Speech-Language-Hearing Association (ASHA) Co-PI:

#### **Environmental Health Sciences**

#### Norman, Robert

Career: Linking Microbial Phylogenetic and Functional Gene Diversity to Microbial Mat 172,310 Ecosystem Function Following Environmental Disturbance - 11510-FB42

Sponsor: National Science Foundation (NSF)

August, 2013 Awards

Porter, Dwayne

Hazlett, Linda

Co-PI:

GA: Todd Everson - 11520-JP01

740Columbia, SC 29219

Enabling Coastal and Marine Spatial Planning in the South Atlanti Engagement, Comprehensive Data Management and Developme Decision Support Tools - 11510-FB39	•
<b>Sponsor:</b> Southeast Coastal Ocean Observing Regional Asso (SECOORA)/NOAA	ciation
Co-PI: Fletcher, Madilyn	
Southeast Coastal Ocean Observing Regional Association (SECC Framework for Monitoring, Prediction and Assessment to Support Needs for Coastal and Ocean Data and Tools - Water Quality Mod FB51	Decision-Makers
<b>Sponsor:</b> Southeast Coastal Ocean Observing Regional Asso (SECOORA)/NOAA	ciation
Co-PI:	
Epidemiology & Biostatistics Cai, Bo	
Long-Term Lung Health After Exposure to Chlorine Gas - 11520-	-FB08 41,077
Sponsor: Tulane University/NIH	
Co-PI: Karmaus, Wilfried	
Cornman, Carol	
HOME CARE + (Heath Care Innovation Challenge Award) - 1152	20-FL12 908,737
<ul><li>Sponsor: Centers for Medicare and Medicaid Services/HHS</li><li>Co-PI: Davis, Courtney Lane, Marcia</li></ul>	

9,000

Sponsor: BCBS SC Clinical Innovation -Laura Long, MD VPI-20 at Alpine Rd. AX-

Habort James	
Hebert, James Sub - George Washington University Cancer Institute (GWCI) GMap Pilot:Assessing the Effects of BMORE on Participants and Their Partners 11500-FA40	7,697
Sponsor: George Washington University/NIH Co-PI:	
Expanding Mentoring Capacity in High-Risk Populations - 11500-FA44	150,086
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
South Carolina Cancer Disparities Community Network - II (YR4) Admin Core - 11500-FA45	105,744
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
South Carolina Cancer Disparities Community Network - II (YR4) Research Core - 11500-FA46	267,518
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
South Carolina Cancer Disparities Community Network - II (YR4) Community Outreach Core - 11500-FA47	122,122
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
South Carolina Cancer Disparities Community Network - II (YR4) Training Core - 11500-FA48	51,769
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
Williams, Edith	
Improving Quality of Life for African Americans with Lupus - 11520-FB28	101,828
<b>Sponsor:</b> National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMS)/NIH	
Co-PI:	

Zhang, Hongmei	
Transgenerational Epigenetic Inheritance of Allergy in a Multigenerational Cohort - 11520-FB25	49,014
Sponsor: University of Memphis/NIH Co-PI:	
Zhang, Jiajia	
Innovative Spatial Survival Models with Geographically Varying Coefficients - 11520- FB22	15,164
Sponsor: National Cancer Institute (NCI)/NIH	
Co-PI: Steck, Susan Hanson, Timothy	
Exercise Science Beets, Michael	
Physical Activity and Nutrition Intervention in Afterschool Programs - 11530-FA87	627,577
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH	
Co-PI: Pate, Russ Saunders, Ruth Turner-McGrievy, Gabrielle Freedman, Darcy	
Blair, Steven	
Support of Additional Analyses in the Aerobics Center Longitudinal Study - Continuation - 11530-JA10	35,347
Sponsor: Coca-Cola	
Co-PI:	
Pate, Russ	
Development of an Innovative Physical Activity Self-report Instrument for Youth - 11530-FA90	160,375
Sponsor: National Cancer Institute (NCI)/NIH	
Co-PI: DiStefano, Christine Beets, Michael	

Health Promotion, Education & Behavior Blake, Christine	
Junior Doctors of Health - DOD - 11590-FA49	23,000
<b>Sponsor:</b> Medical University of South Carolina/DOD <b>Co-PI:</b>	
Snacking in Young Children: Parental Definitions, Goals, and Feeding Practices - 11590-FA62	5,000
Sponsor: Temple University/NIH Co-PI:	
Thrasher, James	
Building Evidence for Effective and Sustainable Cigarette Warning Label Policy - 11590-FA52	-111,405
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
Building Evidence for Effective and Sustainable Cigarette Warning Label Policy - 11590-FA59	486,516
Sponsor: National Cancer Institute (NCI)/NIH Co-PI:	
Health Services Policy and Management Brown, Debra	
GA: Kelsey Heiter - 11550-LT39	3,000
Sponsor: Palmetto Health Co-PI:	
Gillam, Pamela	440.045
SFY 2014 DHHS MEQA/PERM QM Contract - 11550-FA37	146,815
Sponsor: SC Dept of Health and Human Services/HHS Co-PI:	
Project Merge/SC Works Support Strategies Year 2 Implementation Grant - 11550- KL12	103,566
Sponsor: SC Department of Health & Human Services/Ford Foundation Co-PI:	

Williams, Amanda	
GA: Sara Goldsby - 11550-KT08	2,400
Sponsor: Healthy Columbia Co-PI:	
GA: Sarah Mathis - 11550-LT36	7,117
Sponsor: SC Office of Rural Health Co-PI:	
GA: Ryan McNair - 11550-LT37	3,000
Sponsor: Palmetto Health Co-PI:	
GA: Alexander Macklin - 11550-LT38	3,336
<b>Sponsor:</b> Palmetto Health Baptist <b>Co-PI:</b>	
GA: Kirk Broome - 11550-LT40	3,000
Sponsor: Palmetto Health Co-PI:	
GA: Kelsey Heiter - 11550-LT41	3,000
Sponsor: Palmetto Health Co-PI:	
GA: Sara Montgomery - 11550-LT42	4,080
Sponsor: Palmetto Health Co-PI:	
Public Health, Arnold School of - Dean Meetze, Edena	
Puentes Cuidate Program - 11500-KL19	-400
<b>Sponsor:</b> SC Campaign to Prevent Teen Pregnancy <b>Co-PI:</b>	

August, 2013 Awards

Pearson, Joseph

Institute of Medicine and Public Health - 11500-KA11

25,000

Sponsor: SC Research Foundation

Co-PI:

Smith, Lillian

Public Health Practice Postgraduate Program 2012 - 11500-GL10

912,415

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

Co-PI:

Smithwick, Julie

The Puentes Project - 11500-KJ10

25,000

Sponsor: Sisters of Charity Foundation of South Carolina

Co-PI:

Willms, Lucy

Parenting Skills for Latino Families - 11500-KL26

5,000

Sponsor: Hootie and The Blowfish Foundation Fund/Central Carolina Community

Foundation

Co-PI: Smithwick, Julie

#### Social Work, College of

#### Families in Society, Institute for

Mayfield-Smith, Kathy

Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project - 10010-FA49 151,085

Sponsor: SC Department of Health & Human Services/HHS

Co-PI: Lopez-DeFede, Ana

Smith, Bradley	
Effects of NASA's STEM Program On Middle School Students' Academic Performance - 10010-FA57	7,966
Sponsor: SC Space Grant Consortium/NASA Co-PI:	
LYP After-School Program for Irmo High School - 10010-FL16	15,000
<b>Sponsor:</b> School District 5 of Richland and Lexington Counties/USDE <b>Co-PI:</b>	
Challenging Horizons Program at H.E. Corley Elementary and Seven Oaks Elementary 2012-13 - 10010-FL17	24,000
Sponsor: School district 5 of Richland and Lexington Counties/USDE Co-PI:	
Social Work, College of Hock, Robert	
Evaluation of the South Carolina Pervasive Developmental Disorders Program - 15900-GA09	2,240
Sponsor: SC Department of Disabilities & Special Needs Co-PI:	
Nguyen, Huong	
Study tour from Vietnam Ministry of Labor, Invalids, and Social Affairs - 15900-LJ01	41,460
Sponsor: Vietnam Ministry of Labor, Invalids, and Social Affairs Co-PI:	

Reitmeier, Melissa	
GA: Chelsea Allen - 15900-GP27	3,861
Sponsor: SC Department of Health & Human Services Co-PI:	
GA: Candice Lipsey - 15900-KT06	2,413
Sponsor: Steppingstones To Recovery Co-PI:	
GA: Aubrey Breuckman - 15900-KT07	2,413
Sponsor: Steppingstones To Recovery Co-PI:	
GA: Ebony Presha - 15900-KT08	2,413
Sponsor: St. James AME Church Co-PI:	
GA: Shanicka Boatner - 15900-KT09	2,413
Sponsor: Augusta Partnership for Children, Inc. Co-PI:	
GA: Laura Forbes - 15900-KT10	1,207
Sponsor: The Lydia Project Co-PI:	
GA: Twila Hankinson - 15900-KT11	2,413
Sponsor: Children's Place Co-PI:	
Wooten, Nikki	
Early Identification of Substance Use and Psychological Problems in Army Women Veterans - 15900-FA39	44,689
Sponsor: Brandeis University/NIH Co-PI:	

August, 2013 Awards

#### Student Affairs, Division of

#### Student Health

Johnston, Jessica

Healthy Carolina Communities grant - 71000-FL08 -2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI: Oree, Ernest

Healthy SC Initiative Tobacco Free Campus - 71000-FL09 12,975

Sponsor: Richland Community Health Partners and Healthy SC Initiative/CDC

Co-PI:

#### **University Technology Services**

#### **University Technology Services**

Ebalunode, Jerry

Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism - -8,026 65200-FA02

Sponsor: National Science Foundation (NSF)

Co-PI:

#### **USC Aiken**

#### **USC Aiken**

Senn, Gary

Aiken County Public School System/Science Center Affiliation - 17110-H403 50,000

Sponsor: Aiken County School System

August, 2013 Awards

#### **USC Beaufort**

#### **USC Beaufort - Academic Affairs**

Calvert, Charles

Vision for the Future: A Collaboration between USC Beaufort and the Town of Hilton 84,711

Head Island - 17210-HL04

**Sponsor:** Town of Hilton Head Island **Co-PI:** Barth, Sean Olivetti, Keri

Montie, Eric

Passive Acoustics and Visual Surveys to Monitor the Health of Fish and Bottlenose 5,000

Dolphin Populations in the May River - 17210-KA10

Sponsor: Palmetto Bluff Conservancy

Co-PI:

#### USC Beaufort - General

Upshaw, Jane

South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 174,100 4 of 5) - 17220-FA15

**Sponsor:** National Institute of General Medical Sciences (NIGMS)/NIH **Co-PI**:

USC Greenville School of Medicine

#### Medicine, School of - Greenville Campus

Egan, Brent

Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute - 77,917 16000-FA00

Sponsor: Medical University of SC/DHEC/CDC

Co-PI: Davis, Rob

August, 2013 Awards

#### **USC Lancaster**

LISC	Lancaster
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Bailey, Thelathia

Student Support Services (SSS) - 17550-FL21 233,428

Sponsor: US Department of Education (USDE)

Co-PI:

Student Support Services (SSS) - GRANT-IN-AID - 17550-FL22 9,950

Sponsor: US Department of Education (USDE)

Co-PI:

Criswell, Stephen

Master Potters of the Catawba Indian Pottery Tradition - 17550-FL26 20,000

Sponsor: National Endowment for the Arts (NEA)

Co-PI:

USCL Native American Studies Center Artist-in-Residence Project: Caroleen Sanders, 6,000

Catawba Potter - 17550-GA01

Sponsor: SC Arts Commission

Co-PI:

#### **USC Salkehatchie**

#### **USC Salkehatchie**

Banner, Carolyn

Student Support Services 2010-2015 - 17660-FL40 217,284

**Sponsor:** US Department of Education (USDE)

Co-PI:

Student Support Services 2010-2015 (Grant-in-Aid) - 17660-FL41

10,225

Sponsor: US Department of Education (USDE)

August, 2013 Awards

#### **USC Sumter**

**USC Sumter** 

Rosdail, Lisa

Student Support Services - 17440-FL20 251,788

Sponsor: US Dept of Education

Student Support Services (Grant-in-Aid) - 17440-FL21 15,000

Sponsor: US Dept of Education

Co-PI:

#### **USC Union**

**USC Union** 

Greer, Michael Healthy Carolina Communities grant - 17770-FL08 2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI:

### **USC Upstate**

**USC Upstate** 

Blair, Selena

Student Support Services 2010-15 - 17880-FL78 234,512

Sponsor: US Dept of Education (USDE)

Co-PI:

Student Support Services 2010-15 Grant-in-Aid - 17880-FL80

32,275

Sponsor: US Dept of Education (USDE)

August, 2013 Awards

Gibb, Katharine	
Promise of Nursing School GrantFaculty Development: A Key to Nursing Education's Future - 17880-KJ05	8,700
Sponsor: Foundation of the National Student Nurses' Association, Inc.	
Co-PI:	
Pae, Holly	
Special Education Preservice Improvement 84.325T - 17880-FJ23	98,824
Sponsor: US Department of Education (USDE)	
Co-PI:	
Weber, Louanne	
SC Campaign to Prevent Teen Pregnancy Continuation - 17880-FJ43	7,490
Sponsor: SC Campaign to Prevent Teen Pregnancy/CDC/HHS	
Co-PI:	

\$23,462,481

Report Total: