

Office of Research
IT and Data Management Office

July, 2013 Awards

Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of

Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110 214,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Rice, Nena

South Carolina Archaeology Month Poster 2013 - 21300-FL09 4,700

Sponsor: SC Department of Archives and History (SCDAH)/DOI

Co-PI: Lowe, Susan

Biological Sciences

Boggs, Carol

Allocation, Life History and Senescence: An Integrated Approach - 13010-FC24 56,127

Sponsor: National Science Foundation (NSF)

Co-PI:

Dudycha, Jeffrey

Characterization and Genetics Analysis of Aging in Daphnia - 13010-FC25 10,000

Sponsor: National Institute on Aging (NIA)/NIH

Co-PI: Place, Sean Patel, Rekha

Ely, Berten

South Carolina Post-Baccalaureate Research Program - 13010-FB79 -90,807

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

Co-PI: Hunt, Richard

South Carolina Post-Baccalaureate Research Program - 13010-FC16 115,016

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

Co-PI: Hunt, Richard

University of South Carolina Initiative for Maximizing Student Development - 13010-FC18 21,986

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

Co-PI: Hunt, Richard

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Hughes, Austin
Adoptive Transfer of Immunity Elicied by Attenuated HIV Vaccines - 13010-FB86 40,460
Sponsor: Board of Regents of the University of Wisconsin System/NIH
Co-PI:

Marton, Laszlo
Arundo and Sida Technology Maintenance Fee - 13010-JA08 180,000
Sponsor: Arundo Cellulose Farming Kft.HUNGARY
Co-PI: Czako, Mihaly

Matesic, Lydia
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1 - 13010-FB71 -156,179
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Price, Robert

Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1 - 13010-FC19 156,179
Sponsor: National Heart, Lung & Blood Institute (NHLBI)/NIH
Co-PI: Price, Robert

Richardson, Tammi
REU Site: Marine Biogeochemistry at the University of South Carolina - 21600-FC06 119,291
Sponsor: National Science Foundation (NSF)
Co-PI:

Shim, Minsub
The Role of COX-2 in Skeletal Development and Osteoarthritis - 13010-FC23 10,000
Sponsor: National Institutes of Environmental Health Sciences (NIEHS)/(NIH)
Co-PI:

Tufford, Daniel
Coordinator for the Gills Creek Watershed Association - 10060-KL05 50,000
Sponsor: Gills Creek Watershed Association
Co-PI:

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July, 2013 Awards

Chemistry & Biochemistry

Dawson, John

Editing: Journal of Inorganic Biochemistry - 13020-J400

917

Sponsor: Elsevier Science, Inc.

Co-PI:

Murphy, Catherine

Journal of Physical Chemistry Editorship - 13020-KL00

7,947

Sponsor: American Chemical Society

Co-PI:

Outten, Caryn

Glutathione and Redox Control in the Mitochondrial Intermembrane Space - 13020-FB81

-46,268

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

Co-PI:

Glutathione and Redox Control in the Mitochondrial Intermembrane Space - 13020-FC24

46,268

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

Co-PI:

Shimizu, Linda

Self-assembled Organic Nanotubes from Cyclic Ureas - 13020-FC33

260,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Vogt, Thomas

Novel Nanotechnology using Pressure-Induced Auxetic Materials - 22040-JA02

52,420

Sponsor: Yonsei University/Korea Ministry of Education, Science and Technology (MEST)

Co-PI:

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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 140,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Crystal Growth of Complex Luminescent Oxides - 13020-FC32 140,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Graduate Assistance in Areas of National Need (GAANN) Fellowship Program - Chemistry - 13020-FJ03 134,172

Sponsor: US Department of Education (USDE)

Co-PI: Wang, Qian Shimizu, Linda Bryson, Thomas

Earth and Ocean Sciences

John, Seth

Collaborative Research: Experimental Constraints on Marine Fe Isotope Effects: Biology, Ligands, and Particles - 13040-FC13 273,926

Sponsor: National Science Foundation (NSF)

Co-PI:

Thunell, Robert

Sediment Trapping Program in the Gulf of Mexico - 13040-FB91 14,054

Sponsor: US Geological Survey (USGS)/DOI

Co-PI:

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Geography

Emrich, Christopher

Impacts and Vulnerabilities related to Climate Variabilities in Florida - 13540-FB12 21,000

Sponsor: Florida Department of Health/CDC

Co-PI:

Collaborative Research: Measuring Social Vulnerability--Reducing Uncertainty and Validating Indicators - 13540-FB13 174,000

Sponsor: National Science Foundation (NSF)

Co-PI:

Hodgson, Michael

ArchSite II: An Web-Based System for Collecting and Publishing Archaeological and Historic Site Information - 13540-GA03 54,499

Sponsor: South Carolina Department of Archives and History (SCDAH)

Co-PI:

Mitchell, Jerry

South Carolina Geographic Alliance, 2013-2014 - 13540-GJ16 110,079

Sponsor: SC General Assembly

Co-PI:

Mathematics

Lu, Linyuan

Spectral, Probabilistic, and Information-theoretic Analysis for Graphs and Hypergraphs - 21400-FA21 45,075

Sponsor: Office of Naval Research (ONR)

Co-PI:

Szekely, Laszlo

Extremal and Probabilistic Combinatorics with Applications - 21400-FA22 156,635

Sponsor: National Science Foundation (NSF)

Co-PI: Lu, Linyuan

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July, 2013 Awards

Wang, Qi

Experimentally Guided In-Silico Analysis of Cellular Aggregate Fusion in Bioprinting (GEAR) - 21400-LA01 100,000

Sponsor: SC EPSCOR/IDEA

Co-PI: Sun, Yi

Philosophy

Khushf, George

Center for Bioethics - 21150-LA00 27,787

Sponsor: USC School of Medicine Educ. Trust/PHA

Co-PI:

Physics & Astronomy

Kulkarni, Varsha

Graduate Assistance in Areas of National Need Program (GAANN) - 13070-FJ04 134,172

Sponsor: US Department of Education (USDE)

Co-PI: Gudkov, Vladimir

Schindler, Matthias

Hadronic Parity Violation in Few-nucleon Systems - 13070-FB25 150,000

Sponsor: US Department of Energy (DOE)

Co-PI:

Political Science

Tompkins, Mark

GA: Missy Caughman - 13570-HP33 3,456

Sponsor: City of Columbia

Co-PI:

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July, 2013 Awards

Psychology

Fairchild, Amanda

Mediation in Survival and Onset-to-Growth Models Applied to Youth Substance Onset - 13580-FA87 -93,266

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

Co-PI:

Mediation in Survival and Onset-to-Growth Models Applied to Youth Substance Onset - 13580-FB11 93,266

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

Co-PI:

Mactutus, Charles

Maternal HIV: Developmental Neurotoxicity - 13580-FB18 275,531

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

Co-PI: Booze, Rosemarie

Patterson, Celesia

GA: Kip Thompson and Melanie Avery - 13580-GP31 21,900

Sponsor: Morris Village, SCDMH

Co-PI:

Prinz, Ron

Concurrent Treatment of Substance Abuse and Child Maltreatment - 13580-FB15 607,997

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

Co-PI:

Online vs Staff Delivery: Child & Family Outcomes, Cost Analysis and Satisfaction - 13580-FB21 10,000

Sponsor: National Institutes of Mental Health(NIMH)/NIH

Co-PI:

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Roberts, Jane

Emergence and Stability of Autism in Fragile X Syndrome - 13580-FA89 -82,115

Sponsor: National Institute of Mental Health (NIMH)/NIH

Co-PI: Richards, John Shinkareva, Svetlana

Emergence and Stability of Autism in Fragile X Syndrome - 13580-FB10 82,115

Sponsor: National Institute of Mental Health (NIMH)

Co-PI:

Schlenz, Alyssa

A Translational Approach to Heterogeneity of Pain in Pediatric Sickle Cell Disease - 13580-FB20 -10,000

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

Co-PI:

Weist, Mark

Strengthening the Quality of School Mental Health - 13580-FB12 18,702

Sponsor: National Institute of Mental Health (NIMH)

Co-PI:

Wilson, Dawn

Families Improving Together (FIT) for Weight Loss - 13580-FB17 549,873

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

Co-PI: Prinz, Ron Van Horn, M.

Business, Moore School of

Business, Moore School of - Division of Research

Von Nessen, Joseph

McGuireWoods: South Carolina's Education-Workforce Matchup - 21200-JA25 35,000

Sponsor: McGuireWoods Consulting

Co-PI: Woodward, Douglas

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July, 2013 Awards

Education, College of

Education

Watson, Lemuel

College of Education Center for Educational Partnerships - 15200-GL03

100,000

Sponsor: SC General Assembly

Co-PI:

Instruction & Teacher Education

Baker, Hannah

Writing Improvement Network, 2013-2014 - 15250-GL37

182,761

Sponsor: SC General Assembly

Co-PI:

Thompson, Stephen

*Expanding Nature-Based Inquiry Opportunities in Elementary Science Education -
13090-FL05*

119,999

Sponsor: SC Commission on Higher Education/USDE

Co-PI: Ely, Berten

Physical Education

Mensch, James

Datalys Center FOA Youth Football Safety Study Year 2 2013 - 15210-KL02

31,100

Sponsor: Datalys Center for Sports Injury Research and Prevention, Inc.

Co-PI:

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Torres-McGehee, Toni

GA: *Kayla Price - 15210-HP22* 23,000

Sponsor: Lee County School District

Co-PI:

GA: *Steele, Lopez, Hirschorn, Sabo, Lazar, Meyer, de Weber, Naumann, Black, Anderson, Medina, Dayton, Lichtenwalner, Szwanki, Gage, Kingsly - 15210-JP02* 279,500

Sponsor: Drayer Physical Therapy Institute, LLC

Co-PI:

GA: *Megan Plumb - 15210-LP25* 20,000

Sponsor: Columbia College

Co-PI:

GA: *Rebecca Younger - 15210-LP26* 21,500

Sponsor: Swansea High School

Co-PI:

GA: *Bryant Parnell - 15210-LP27* 20,000

Sponsor: Fairfield County School District

Co-PI:

GA: *Curtis Kopotic - 15210-LP28* 19,000

Sponsor: Heathwood Hall Episcopal School

Co-PI:

Yeargin, Susan

Datalys Center Graduate Student Research Grant Program: John Dickinson - 15210-KA13 923

Sponsor: Datalys Center for Sports Injury Research and Prevention, Inc.

Co-PI: Dickinson, John

SC Educational Policy Center

Monrad, Diane

South Carolina Educational Policy Center, 2013-2014 - 15270-GL03 75,000

Sponsor: SC General Assembly

Co-PI:

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SC School Improvement Council

Barber, Cassie

SC School Improvement Council, 2013-2014 - 15280-GL20

127,303

Sponsor: SC General Assembly

Co-PI:

Engineering & Computing, College of

Chemical Engineering

Blanchette, James

Living Delivery Systems to Promote Vascular Development in 3D Scaffolds - 15510-FC20

3,400

Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMS)/NIH

Co-PI:

Jabbarzadeh, Ehsan

SAN: Angiogenic Programming of Stem Cells in an Inflammatory Microenvironment - 15510-GA24

10,000

Sponsor: South Carolina EPSCoR/IDeA Program

Co-PI:

Matthews, Michael

National GEM Consortium Network at USC (GEMUSC) - 15510-LA01

8,750

Sponsor: SC EPSCoR/IDeA

Co-PI: Elfenbein, Jessica

Moss, Melissa

SAN: Mechanistic Insight into the Inhibition of Alzheimer's Associated AB Aggregation by Polyphenols - 15510-GA25

10,000

Sponsor: SC EPSCoR/IDeA

Co-PI:

Regalbuto, John

REU Supplement - GOALI: Scientific Syntheses of Bimetallic Catalysts - 15510-FC24

6,000

Sponsor: National Science Foundation (NSF)

Co-PI:

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Weidner, John

Topic 3C-Effect of System and Air Contaminants on PEMFC Performance and Durability-SubContractor to NREL - 15510-FB68 150,000

Sponsor: National Renewable Energy Laboratory (NREL)/DOE

Co-PI:

Civil & Environmental Engineering

Goodall, Jonathan

Interoperability between ESMF and OpenMI: A Case Study - 15520-FB11 65,000

Sponsor: University of Colorado/NOAA

Co-PI:

Song, Jeong-Hoon

Development of Finite Element Modules for Modeling Strong Discontinuity-Based Cohesive Crack - 15520-FA95 39,900

Sponsor: Weidlinger Associates, Inc./ONR

Co-PI:

Multiscale Extended Finite Element Method for Failure - 15520-FB08 43,000

Sponsor: Office of Naval Research (ONR)/DOD

Co-PI:

Electrical Engineering

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 1,000

Sponsor: Various Sponsors

Co-PI:

Koley, Goutam

EAGER: Novel Photoacoustic Sensor using Piezoresistive GaN Microcantilever - 15530-FB48 160,000

Sponsor: National Science Foundation (NSF)

Co-PI:

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Santi, Enrico

GRAPES Industry University Collaborative Research Center - GaN Power Converters - 15530-JA26 8,267

Sponsor: Various Sponsors

Co-PI:

Sudarshan, Tangali

Development of High Quality 4H-SiC Thick Epitaxy for Reliable High Power Electronics Using Chlorinated Precursors - 15530-FB01 60,000

Sponsor: Office of Naval Research (ONR)

Co-PI: Zhao, Feng Mandal, Krishna Chandrashekar, MVS Muzykov, Peter

Engineering & Computing, College of

Boccanfuso, Anthony

Phase II - University-Industry Demonstration Partnership - 15500-FA15 50,400

Sponsor: NAS

Co-PI:

Mechanical Engineering

Giurgiutiu, Victor

Predictive Sensing for Space Applications - 15540-FB96 50,000

Sponsor: Air Force Office of Scientific Research (AFOSR)/DOD

Co-PI:

Knight, Travis

National Academy for Nuclear Training 2013-2014 Fellowship - 15540-KJ04 25,000

Sponsor: National Academy for Nuclear Training

Co-PI:

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Li, Chen

Mechanisms of Enhanced Flow Boiling with High Frequency Self-modulated Microbubble-switched Oscillations - 15540-FC20 40,000

Sponsor: Office of Naval Research (ONR)

Co-PI: Khan, Jamil

Nanotips Induced Boundary Layer to Enhance Flow Boiling in Microchannels - 15540-FC43 305,830

Sponsor: National Science Foundation (NSF)

Co-PI:

McCants, Dale

GE Turbines -Smart Blade Fixture - 15540-JL07 9,999

Sponsor: General Electric

Co-PI:

Enrollment Management

TRIO Programs

Beasley, Paul

Talent Search Program - 21710-FL36 322,039

Sponsor: US Department of Education (USDE)

Co-PI:

Law, School of

Children's Law Center

Holmes, Baron

SC Middle Grades Initiative, 2013-2014 - 15810-GL12 75,000

Sponsor: SC General Assembly

Co-PI:

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July, 2013 Awards

Morris, Carolyn

DSS Task Order 3: Training for External Legal Community, Law School Courses, Consultation and Special Projects - 15810-FL46 100,000

Sponsor: SC Department of Social Services/HHS

Co-PI:

DSS Task Order #6: Children's Justice Act - 15810-FL47 122,474

Sponsor: SC Department of Social Services/HHS

Co-PI:

DSS Task Order #1: Child Welfare Training - 15810-FL48 200,000

Sponsor: SC Department of Social Services/HHS

Co-PI:

DSS Task Order #7: Support of CJA Task Force - 15810-FL49 30,000

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

Co-PI:

Medicine, School of

Cell Biology & Anatomy

Lavoie, Holly

Role of STARD6 in Ovarian Steroidogenesis - 18020-FB18 10,000

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

Co-PI:

Morad, Martin

Suppression of Cardiac Calcium Channels by Acute Hypoxia - 18020-FB15 306,060

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

Co-PI: Cleemann, Lars

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July, 2013 Awards

Price, Robert

Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1 - 18020-FA71 -169

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

Co-PI:

Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1 - 18020-FB12 169

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

Co-PI:

Spinale, Francis

Myocardial Protection and Matrix Proteases - 18020-FA90 -5,179

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

Co-PI:

Myocardial Protection and Matrix Proteases - 18020-FB07 22,810

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

Co-PI:

Family & Preventive Medicine

Mayeaux, Edward (E.J)

Palmetto Health Affiliation - 18130-K401 70,614

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18130-K402 10,090

Sponsor: Palmetto Health Alliance

Co-PI:

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Internal Medicine

Albrecht, Helmut

Ryan White Emerging Communities - Ryan White HIV/AIDS Treatment Extension Act, Part B - (Emerging Communities) - 18190-FM05 70,382

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

Co-PI: Raley, Nancy

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 26,165

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

Co-PI: Raley, Nancy

An International, Multicenter, Prospective Observational Study of the Safety of Maraviroc Used with Optimized Background Therapy in Treatment Experienced HIV 1 Infected Patients. - 18190-JA50 2,040

Sponsor: Pfizer, Inc.

Co-PI: Duffus, Wayne Ahuja, Divya Horvath, Joseph

Protocol GS-US-236-0102, A Phase 3, Randomized, Double-Blind, Study to Evaluate the Safety and Efficacy of Elvitegravir/ Emtricitabine/Tenofovir Disoproxil Fumarate/GS-9350 Versus Efavirenz/Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Infected, An 4,764

Sponsor: Gilead Sciences, Inc.

Co-PI:

Gilead GS-US-264-0110: A Phase 3B, Randomized, Open-Label Study the Safety and Efficacy of a Tablet Regimen of Emtricitabine/Rilpivirine/Tenofovir Disoproxil Fumarate Compared with a Single Tablet Regimen of Efavirenz/Emtricitabine/Tenofovir Disoproxil Fum 3,830

Sponsor: Gilead Sciences, Inc.

Co-PI:

A Phase 3, Randomized, Double-Blind Study to Evaluate the Safety and Efficacy of Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Alafenamide Versus Elvitegravir/Cobicistat/Emtricitabine/Tenofovir Disoproxil Fumarate in HIV-1 Positive, Antiretroviral Treat 9,852

Sponsor: Gilead Sciences, Inc.

Co-PI:

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July, 2013 Awards

Chillag, Shawn

Palmetto Health Affiliation - 18190-K401

238,837

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18190-K402

9,973

Sponsor: Palmetto Health Alliance

Co-PI:

Hoppmann, Richard

Palmetto Health Affiliation - 18100-K401

9,755

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation - 18260-K401

19,827

Sponsor: Palmetto Health Alliance

Co-PI:

McGuire, Franklin

*Study of the AeriSeal System for HyPerInflation Reduction in Emphysema(ASPIRE) -
18190-JA75*

500

Sponsor: Aeris Therapeutics

Co-PI: Newsome, Brandi

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July, 2013 Awards

Rizvi, Ali

Systolic Blood Pressure Intervention Trial (SPRINT) - 18190-FA05 44,382

Sponsor: Wake Forest University/NIH

Co-PI:

Systolic Blood Pressure Intervention Trial (SPRINT) - 18190-FA11 1,000

Sponsor: Wake Forest University/NIH

Co-PI: Sides, Andrew

LEADER--Liraglutide Effect and Action in Diabetes: Evaluation of cardiovascular outcome Results--A long-term, multi-centre, international, randomised double-blind, placebo-controlled trial to determine liraglutide effects on cardiovascular events (Trial I 3,896

Sponsor: Novo Nordisk, Inc.

Co-PI: Schenck, John

Medicine, School of - (Dean)

Pedigo, Norman

USC-SOM Nurse Anesthetist Traineeship (NAT) 2013 - 18080-FJ22 39,304

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

Co-PI:

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 249

Sponsor: BHR Pharma, LLC

Co-PI:

Sen, Souvik

Palmetto Health Affiliation - 18450-K401 24,405

Sponsor: Palmetto Health Alliance

Co-PI:

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Neuropsychiatry

Lachance, Kerry

Cooperative Agreement between SC Vocational Rehabilitation Department & USC - 18120-GJ05 19,200

Sponsor: SC Vocational Rehabilitation Department

Co-PI:

Narasimhan, Meera

Quality, Economic Outcomes and Sustainability of Telepsychiatry (QUEST) (Continuation Application RPPR attached) - 18120-FA13 522,764

Sponsor: National Institute of Mental Health (NIMH)/NIH

Co-PI:

Sustenna Use in Real World Clinical Practice: A Retrospective Analysis of Pooled Data comparing Sustenna to Other Antipsychotics - 18120-JA18 -32,362

Sponsor: Janssen Scientific Affairs, LLC

Co-PI: Neal, Christian

Palmetto Health Affiliation - 18120-K401 81,094

Sponsor: Palmetto Health Alliance

Co-PI:

Obstetrics & Gynecology

Burgis, Judith

Palmetto Health Affiliation - 18110-K401 101,817

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18110-K402 8,171

Sponsor: Palmetto Health Alliance

Co-PI:

Ophthalmology

Cheeseman, Edward

Palmetto Health Affiliation - 18150-K401 13,292

Sponsor: Palmetto Health Alliance

Co-PI:

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Orthopaedic Surgery

Walsh, John

Palmetto Health Affiliation - 18160-K401

71,824

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18160-K402

10,079

Sponsor: Palmetto Health Alliance

Co-PI:

Pathology, Microbiology and Immunology

Ai, Walden

*Function of KLF4-expressing Stem Cells in Mouse Cutaneous Wound Healing -
18060-FA56*

-1,119

Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases
(NIAMSD)/NIH

Co-PI:

*Function of KLF4-expressing Stem Cells in Mouse Cutaneous Wound Healing -
18060-FA76*

1,119

Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases
(NIAMS)/NIH

Co-PI:

Murphy, Elizabeth

*Macrophages in High Fat Diet Enhanced Colorectal Cancer: Regulation by miRNA-
155 - 18060-FA80*

44,696

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI: Fan, Daping Pena, Edsel Singh, Udai

Nagarkatti, Mitzi

*Role of Natural Indoles in Experimental Autoimmune Encephalomyelitis - 18060-
FA92*

10,000

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

Co-PI: Nagarkatti, Prakash

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Nagarkatti, Prakash

Estrogen-T cell Interactions - 18060-FA51 -123,465

Sponsor: National Institute of Environmental Health Sciences (NIEHS)/NIH

Co-PI: Nagarkatti, Mitzi

Estrogen-T cell Interactions - 18060-FA75 147,878

Sponsor: National Institute of Environmental Health Sciences (NIEHS)/NIH

Co-PI: Nagarkatti, Mitzi

South Carolina Clinical and Translational Research Institute (SCTR) - 22000-FA15 1,538

Sponsor: Medical University of South Carolina (MUSC)/NIH

Co-PI:

NSF EPSCoR Research Infrastructure Improvement (RII) Track 1 - 22400-FA02 -53,000

Sponsor: South Carolina EPSCoR/IDeA Program)/NSF

Co-PI:

EPSCoR Support - Revenue Account - 22400-LA00 -157,750

Sponsor: SC Research Authority (SCRA)

Co-PI:

Pediatrics

Rosa, Olga

DHHS/SCCAMRS Administrative Contract FY13-14 - 18140-FM24 226,131

Sponsor: SC Dept of Health and Human Services/HHS

Co-PI:

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Rotholz, David

Clarendon School District Two Autism Consultation Services - 18140-FM20 8,000

Sponsor: Clarendon County School District Two/USDE

Co-PI:

IMPACT SC Self-Advocacy Initiatives - 18140-FM22 21,600

Sponsor: SC Developmental Disabilities Council/HHS

Co-PI:

Autism Consultation Services - 18140-FM23 23,000

Sponsor: Sumter School District/USDE

Co-PI:

Taylor, R. Caughman

Palmetto Health Affiliation - 18140-K401 72,847

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18140-K403 8,182

Sponsor: Palmetto Health Alliance

Co-PI:

Surgery

Nottingham, James

Palmetto Health Affiliation - 18200-K401 69,785

Sponsor: Palmetto Health Alliance

Co-PI:

Palmetto Health Affiliation (Educ. Trust) - 18200-K402 10,028

Sponsor: Palmetto Health Alliance

Co-PI:

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July, 2013 Awards

Nursing, College of

Nursing

Andrews, Jeannette

A Social Ecological Based Smoking Cessation Intervention in Public Housing - 11200-FA16 20,433

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

Co-PI:

Pharmacy, SC College of

Pharmaceutical and Biomedical Sciences

Creek, Kim

A Genetic Model for Early-Onset Breast and Colon Cancer in African Americans - 11110-FA60 15,000

Sponsor: University of Alabama/NIH

Co-PI:

Hofseth, Lorne

Targeting Protein Arginine Deiminases to Prevent Colitis and Colon Cancer - 11110-FA59 297,633

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

Petkov, Georgi

Mechanically Guided Urological Tissue Regeneration in Vitro - 11110-FA47 0

Sponsor: Clemson University/NIH

Co-PI:

BK Channel Function and Regulation in Urinary Bladder Smooth Muscle - 11110-FA62 10,000

Sponsor: National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)/NIH

Co-PI: Hristov, Kiril

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July, 2013 Awards

Zhu, Jun

Impact of HIV-1 Tat Protein on Cocaine-Dopamine Transporter Interaction - 11110-FA61 377,339

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

Co-PI: Booze, Rosemarie Shtutman, Michael Xu, Peisheng

Pharmacy - (Dean)

Rowen, Randall

PHR Clinical Pharmacy Service Agreement - 11150-LL04 81,000

Sponsor: Palmetto Health Richland

Co-PI: Schulz, Richard

Public Health, Arnold School of

Cancer Prevention Control Program

Hurley, Thomas

Families Improving Together (FIT) for Weight Loss - 11500-FA43 4,500

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

Co-PI:

Center for Health Services & Policy Research

Gillam, Pamela

South Carolina Clinical and Translational Research Institute (SCTR) - 11580-FA52 -1,538

Sponsor: Medical University of South Carolina (MUSC)/NIH

Co-PI:

Kenison, Kelli

Evaluation of Eat Smart Move More Colleton County - 11580-KA08 10,059

Sponsor: Eat Smart Move More

Co-PI: Fore, Margaret

Communication Sciences & Disorders

Apel, Kenn

Project CREATE - 11560-FJ27 20,000

Sponsor: South Carolina Dept. of Education/USDE

Co-PI:

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July, 2013 Awards

Fridriksson, Julius

Transcranial Direct Current Stimulation to Treat Aphasia: Phase II Trial - 11560-FA15 40,803

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

Co-PI: Rorden, Christopher Sen, Souvik

Environmental Health Sciences

CHATTERJEE, SAURABH

Free Radical Mechanisms in Environmental Hepatotoxicity - 11510-FB49 248,930

Sponsor: National Institute of Environmental Health Sciences (NIEHS)/NIH

Co-PI:

Porter, Dwayne

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 - Data Management and Communications - 11510-FB50 192,387

Sponsor: Southeast Coastal Ocean Observing Regional Association (SECOORA)/NOAA

Co-PI:

GA: Elizabeth Podmore - 11510-GP00 3,600

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

Co-PI:

Epidemiology & Biostatistics

Forthofer, Melinda

Health Promotion and Disease Prevention Research Centers (Research) - 11570-FB06 4,000

Sponsor: National Center for Chronic Disease Prevention & Health Promotion/CDC/HHS

Co-PI:

Hebert, James

Expanding Mentoring Capacity in High-Risk Populations - 11500-FA44 10,000

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI:

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July, 2013 Awards

Williams, Edith

Improving Quality of Life for African Americans with Lupus - 11520-FB28 10,000

Sponsor: National Institute of Arthritis & Musculoskeletal & Skin Diseases
(NIAMS)/NIH

Co-PI:

*Use of a Community-University Partnership to Eliminate Environmental Stressors
(Sub-contract) - 11550-FA31* 7,865

Sponsor: University of Maryland/NIH

Co-PI:

Exercise Science

Blair, Steven

*ILSI Focal Point in China/Coca-Cola Joint Training Program on Physical Activity and
Health - 11530-KA48* 8,400

Sponsor: International Life Sciences Institute

Co-PI:

Pate, Russ

*Development of an Innovative Physical Activity Self-report Instrument for Youth -
11530-FA90* 10,000

Sponsor: National Cancer Institute (NCI)/NIH

Co-PI: DiStefano, Christine Beets, Michael

Wilcox, Sara

Health Promotion and Disease Prevention Research Centers (Center) - 11570-FB05 0

Sponsor: National Center for Chronic Disease Prevention & Health
Promotion/CDC/HHS

Co-PI: Forthofer, Melinda Sharpe, Patricia

Health Promotion, Education & Behavior

Cassady, Ann

GA: Ryan Falck - 11540-HP32 1,689

Sponsor: Lexington Country LCRAC

Co-PI:

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July, 2013 Awards

Jones, Sonya

COPASCities: Childhood Obesity Prevention in SC Communities - 11540-FA56 0

Sponsor: United States Department of Agriculture and Food Research (USDA)

Co-PI:

COPASCities: Childhood Obesity Prevention in SC Communities - 11590-FA60 10,000

Sponsor: United States Department of Agriculture and Food Research (USDA)

Co-PI:

Walsemann, Katrina

Effects of Criminal Justice System Exposure on Youth's Substance Use Trajectories - 11540-FA46 58,474

Sponsor: Kean University/NIH

Co-PI: Bell, Bethany

Health Services Policy and Management

Gillam, Pamela

Veterans Affairs' Nursing Modules for Evaluation Education and Training (MEET) - 11550-FJ00 380,771

Sponsor: US Department of Veterans Affairs

Co-PI:

Probst, Janice

Rural Health Research Center Cooperative Agreement Program - 11550-FA27 -14,629

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

Co-PI: Martin, Amy Glover, Sandra

Rural Health Research Center Cooperative Agreement - 11550-FA32 14,629

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

Co-PI: Martin, Amy Glover, Sandra

Rural Health Research Center Cooperative Agreement 2013-2014 - 11550-FA39 100,000

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

Co-PI: Martin, Amy Glover, Sandra

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July, 2013 Awards

Williams, Amanda

GA: Casey Browder - 11550-LT32 600

Sponsor: Lexington Medical Center

Co-PI:

GA: Andrew Myers - 11550-LT33 720

Sponsor: Lexington Medical Center

Co-PI:

GA: Sean Brauchle - 11550-LT34 3,000

Sponsor: Saad Healthcare Services Inc.

Co-PI:

GA: Lauren C. Dennis - 11550-LT35 3,200

Sponsor: Palmetto Health Heart Hospital

Co-PI:

Public Health, Arnold School of - Dean

Pearson, Joseph

Institute of Medicine and Public Health - 11500-KA11 25,000

Sponsor: SC Research Foundation

Co-PI:

Health Policy Institute - 11500-KJ09 150,000

Sponsor: The Duke Endowment

Co-PI:

Smithwick, Julie

Choose Today a Healthy Tomorrow - 11500-KL21 23,500

Sponsor: The University of North Carolina at Chapel Hill/W.K. Kellogg Foundation

Co-PI:

Healthy Latino babies-PASOs in South Carolina - 11500-KL25 186,797

Sponsor: March of Dimes Foundation South Carolina Chapter

Co-PI:

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July, 2013 Awards

Research, Vice President for

EPSCoR

Little, Scott

EPSCOR/IDEA State Committee Distribution (State Matching Funds) - 22410-GA00 622,838

Sponsor: SC Commission on Higher Education

Co-PI:

Research, Vice President for - (General)

Herriott, Don

*EDA 2012 University Centers Grant: Innovista Center for Product Realization -
22000-FA18* 128,592

Sponsor: US Economic Development Administration (EDA)/DOC

Co-PI:

Social Work, College of

Families in Society, Institute for

Lopez-DeFede, Ana

*Technical Assistance Support for Coordination of Data Reporting and Data Analytics
for the SC Medicaid Program - 10010-FA55* 605,386

Sponsor: SC Department of Health & Human Services/HHS

Co-PI: Mayfield-Smith, Kathy

Smith, Bradley

*Challenging Horizons Programs Enrichment and Support (Revenue Account) -
10010-LL01* 200

Sponsor: Various

Co-PI:

Social Work, College of

Andrews, Christina

*Impact of health reform on outpatient substance abuse treatment programs - 15900-
FA38* 24,777

Sponsor: Rhode Island Hospital/NIH

Co-PI:

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July, 2013 Awards

DeHart, Dana

Research on the Recovery Programs Transformation & Innovation Fund - 15900-GA11 687,926

Sponsor: SC Department of Health and Human Services/DHHS

Co-PI: Browne, Teri Hock, Robert Iachini, Aidyn

Flynn, Cynthia

USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Child Welfare Training) - 15900-FJ52 2,444,045

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

Co-PI: Wallace, Christine Sullivan, Beck

USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Enhancing Youth Leadership Skills: (GOALL) - 15900-FJ53 544,593

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

Co-PI: Wallace, Christine Sullivan, Beck

USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Facilitation of Limited English Proficiency Programs) - 15900-FJ54 620,591

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

Co-PI: Wallace, Christine Sullivan, Beck

USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Facilitation of the SC Citizens Review Panel) - 15900-FJ55 148,917

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

Co-PI: Wallace, Christine Sullivan, Beck

USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Economic Services Training) - 15900-FJ56 1,309,818

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

Co-PI: Wallace, Christine Sullivan, Beck

USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Adult Protective Services Training) - 15900-FJ57 587,731

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

Co-PI: Wallace, Christine Sullivan, Beck

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July, 2013 Awards

Reitmeier, Melissa

GA: Laquetta Sallie - 15900-HP28 3,000

Sponsor: Charleston County School District

Co-PI:

GA: Ashley Taylor - 15900-KT04 2,413

Sponsor: Columbia County Community Connections

Co-PI:

GA: Tanya C. Presha - 15900-KT05 2,413

Sponsor: Getting Back to the Basics

Co-PI:

GA: Ingrid Wilson - 15900-LP77 2,413

Sponsor: St. Luke Methodist Church

Co-PI:

GA: Linda Powers - 15900-LP78 2,413

Sponsor: Family Promise of Augusta

Co-PI:

Student Affairs, Division of

Student Health

Johnston, Jessica

Healthy Carolina Communities grant - 71000-FL08 -12,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI: Oree, Ernest

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July, 2013 Awards

USC Aiken

USC Aiken

Harmon, Sarah

Development and Implementation of an Enhanced Biology Degree in Environmental Remediation and Restoration - 17110-FJ13 178,970

Sponsor: SRS Community Reuse Organization/DOE

Co-PI: Jackson, William

Padgett, Mila

Healthy Carolina Communities grant - 17110-FL45 2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI:

Aiken Cardiac Rehabilitation Program - 17110-JL01 115,028

Sponsor: Aiken Regional Medical Center

Co-PI:

Priest, Jeffrey

PRIME TIME on Achievement: Projects for Rigorous Instruction in Mathematics Education with Technology Integration for Maximum Effect on Achievement - 17110-FJ23 119,000

Sponsor: SC Commission on Higher Education/USDE

Co-PI: Johnson, Gwendolyn

USC Beaufort

USC Beaufort - Academic Affairs

Warren, Alan

Town of Bluffton Water Quality Laboratory - 17210-HL03 110,000

Sponsor: Town of Bluffton, SC

Co-PI:

Beaufort County Water Quality MOU - 17210-HL05 90,000

Sponsor: Beaufort County

Co-PI:

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July, 2013 Awards

USC Beaufort - General

Logue, Lindsey

Healthy Carolina Communities grant - 17210-FL02

2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI:

Upshaw, Jane

*Computational Science at the University of South Carolina Beaufort (NSF RII) -
17220-FA12*

30,000

Sponsor: South Carolina EPSCoR/IDeA Program/NSF

Co-PI: Ji, Yiming

USC Greenville School of Medicine

Medicine, School of - Greenville Campus

Egan, Brent

*Health Care Costs Associated with Primary and Secondary Cardiovascular and Renal
Outcomes in Patients with Treatment Resistant Hypertension - 16000-JA00*

170,000

Sponsor: Medtronic, Inc.

Co-PI: Davis, Rob

LeClair, Renee

*Cthrc1: A Novel Inhibitor of TGF-beta and Beta Catenin during Vascular Fibrosis -
16000-KA00*

76,843

Sponsor: American Heart Association

Co-PI:

USC Lancaster

USC Lancaster

Sellhorst, Sarah

Healthy Carolina Communities grant - 17550-FL25

2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI:

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July, 2013 Awards

USC Salkehatchie

USC Salkehatchie

Banner, Carolyn

Healthy Carolina Communities grant - 17660-FM00 2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI:

Rice, Anne

SRSCRO Advancing Nuclear Skills Regionally (ANSR) Salkehatchie - 17660-FL31 71,488

Sponsor: SRS Community Reuse Organization/DOE

Co-PI:

USC Sumter

USC Sumter

Weissmann, Kristopher

Healthy Carolina Communities grant - 17440-FL19 2,500

Sponsor: SC Tobacco-Free Collaborative/CDC

Co-PI:

USC Upstate

USC Upstate

Herzberg, Tina

The Possibilities Are Endless: Promoting Braille Throughout South Carolina - 17880-FJ26 99,751

Sponsor: US Department of Education (USDE)

Co-PI:

Merriweather, Helen

ACHIEVE 2013-14 - 17880-FJ42 388,062

Sponsor: Upstate WIA/DOL

Co-PI:

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July, 2013 Awards

Omoike, Anselm

Research and Engineering Apprenticeship Program - 17880-FJ39 2,600

Sponsor: Academy of Applied Science/US Army Research Office/DOD

Co-PI:

Ruppel, Joshua

Research and Engineering Apprenticeship Program - 17880-FJ40 2,600

Sponsor: Academy of Applied Science/US Army Research Office/DOD

Co-PI:

Thomas, Tasha

*Spartanburg Writing Project Title II NWP SEED Grant Teacher Leadership
Development Proposal - 17880-FJ35* -20,000

Sponsor: National Writing Project/USDE

Co-PI:

*Spartanburg Writing Project Title II NWP SEED Grant Teacher Leadership
Development Proposal (Supporting Effective Educator Development Grant
Program) - 17880-FJ41* 20,000

Sponsor: National Writing Project/USDE

Co-PI:

Report Total: \$20,700,535