Business, Moore School of
Business Administration - Division of Research

Roenfeldt, Rodney

GA: Wilbur Smith Associates - (JP65)
Wilbur Smith Associates

Schunk, Donald

Effect of Automobile Tax Cap - (JA05)
USCRF/Dwight F. Drake, Attorney at Law

Woodward, Douglas

Economic Impact of the Health Care Industry - (KA05)
USCRF/SC Hospital Association

Education, College of
Education Leadership & Policies

Stevenson, Kenneth

Evaluation of the “TECH” Program of the Educational Television Endowment of South Carolina - (FA00)
SCETV/NSF

Educational Psychology

Liu, Xiaofeng

Professional Support, School Conditions and First-Year Teacher Attrition - (FA00)
USCRF/American Educational Research Association/NSF

Instruction & Teacher Education

Clonts, Christy

Exemplary Writing Project - (GL09)
SC Department of Education

Freeman, Nancy

Child Care Access Means Parents in Schools (CCAMPIS) - (FL06)
US Department of Education (USDE) - General

Kuhs, Therese

Partners for the Enhancement of Clinical Experiences - (F440)
US Department of Education (USDE) - General
**Engineering & Information Technology, College of**

*Chemical Engineering*

**Amiridis, Michael**  
*Catalytic Performance of Metal Particles on Mesoporous Supports - (FA13)*  
USCRF/Oak Ridge National Laboratory/DOE  
$43,076

**Balbuena, Perla**  
*Modeling Lithium-Ion Conducting - (FA23)*  
USCRF/University of Dayton Research Institute/DOD  
$20,000

**Davis, Thomas A.**  
*Zero-Discharge Seawater Desalination - (FA24)*  
USCRF/US Department of the Interior  
$100,000

**Van Brunt, Vincent**  
*Solid-Liquid Separation Studies for Two Mixtures of Monosodium Titanate with Simulated Sludge for Salt Disposition at SRS - (FA00)*  
SC Universities Research & Education Foundation (SCUREF)/DOE  
$30,237

**Civil & Environmental Engineering**

**Harries, Kent**  
*Strength Characteristics of Concrete Pipe Repaired with Epoxy Materials - (JA04)*  
USCRF/Warren Environmental, Inc.  
$5,220

**Computer Science & Engineering**

**Matthews, Manton**  
*GA: South Carolina National Guard - (GP08)*  
SC National Guard  
$6,000

**Electrical Engineering**

**Simin, Grigory**  
*A1GaN-GaN Material Wafer Supply for RF/Microwave Device Development - (FA20)*  
USCRF/TRW, Inc./DOD  
$816,000

**SC Alliance for Minority Participation (SCAMP)**

**White, Ralph**  
*SC-CSEMS Scholarships - (FA02)*  
USCRF/Claflin College/NSF  
$16,000

**Environment, School of the**

*Environment, School of the*

**Coull, Bruce**  
*SC Lowcountry Humans and Nature Program - (KL00)*  
USCRF/The Hasting Center  
$20,000
Environment, School of the
Temple, Tom

Establishment of the Center for Water Research and Policy at USC - (F102) $800,000
USCRF/US Department of Energy

Liberal Arts, College of

Archaeology & Anthropology, Institute of
DePratter, Chester South, Stanley

Delineation of Cemeteries 3 and 4 and Search for Additional Cemeteries on Marine Corps Recruit Depot, Parris Island SC - (FA06) $9,800
USCRF/US Marine Corps/DOD

Art
Floyd, Minuette

Generations: The Campmeeting Traditions Among African-Americans in South Carolina - (FA00) $1,200
SC Humanities Council

Geography
Cutter, Susan

South Carolina Hazards Assessment Geo-Information Support - (FA12) $58,740
SC Emergency Management Division/FEMA

Government & International Studies
Schneider, Saundra K.

GA: Office of the Governor - (GP05) $6,834
Office of the Governor

History
Wilson, Clyde

The Papers of John C. Calhoun - (FA03) $6,233
USCRF/National Historical Publications & Records

McKissick Museum
Robertson, Lynn

IMLS General Operating Support - (FL01) $112,500
USCRF/Institute of Museum & Library Services

Psychology
Booze, Rosemarie

HIV/Cocaine Neurotoxicity in Females - (FA09) $32,513
USCRF/National Institute on Drug Abuse (NIDA)/NIH
Psychology

Neurodevelopment Basis(es) of Nicotine Sensitization - (FA13) $303,750
USCRF/National Institutes of Health (NIH) - General

Downer, Jason

Describing and Defining Dads: A Father's Role in Promoting Head Start Children's School Readiness - (FA03) $13,393
Administration on Children and Families/HHS

Prinz, Ronald

Population-Based System of Parenting Interventions - (FA12) $1,479,996
USCRF/Centers for Disease Control (CDC)/HHS

Public Service & Policy Research, Institute for

Bryan C.

Center for Bioethics - (L102) $70,000
Palmetto Health Alliance

Bryan, Charles

Center for Bioethics - (L102) $36,470
SOM Educational Trust/Palmetto Health Alliance

Chishom, Andrew

Southern Region Violence & Substance Abuse Prevention Center - Youth Leadership Development - (FL04) $199,000
US Department of Justice

Cumberland, F. Jim

Planning, Evaluation and Analysis Services to Support the Agency in its Development and Implementation on the Strategic Energy Action Plan - (LA01) $26,192
SC Energy Office/Petroleum Violation Escrow Fund

Steagall, Christine

SC Environmental Innovations Pilot Program: PPG Grant - (FL07) $20,193
SC Department of Health & Environmental Control/EPA

Southern Studies, Institute for

Edgar, Walter

The South as Another Place: The 2002 Southern Studies Forum - (FL01) $10,200
The Humanities Council/NEH

Medicine, School of

Basic Science Research

Allen, Donald

Biomedical Research Infrastructure Network - Project 2 - (FA01) $201,938
USCRF/National Center for Research Resources (NCRR)/NIH
**Cell & Developmental Biology & Anatomy**

**Borg, Thomas**  **Goldsmith, Edie**

Administrative Core (COBRE) - (FA07)  
USCRF/Medical University of South Carolina/NIH  

South Carolina COBRE for Cardiovascular Disease: Supplement to Micrarray and Proteomics Core Facility - (FQ01)  
Medical University of South Carolina/NIH  

**Goodwin, Richard**

The Role of the Extracellular Matrix in Cardiomyocyte Proliferation - (FA03)  
USCRF/Medical University of South Carolina/NIH  

**Internal Medicine**

**Lin, Tu**

A Randomized Comparator, Controlled, Double-Blinded Study of the Pioglitazone HCI versus Glyburide with Metformin and Insulin as Part of Step Therapy in Subjects with Type 2 (Non-Insulin Dependent) Diabetes - (JA02)  
Ingenix  

**Medicine Library**

**Riley, Ruth**

Biomedical Research Infrastructure Network BRIN Bioinformatics Core - (FA01)  
USCRF/National Center for Research Resources (NCRR)/NIH  

**Obstetrics & Gynecology**

**Best, Robert**

South Carolina Neural Tube Defect Surveillance, Prevention, and Research Initiative - (F100)  
Greenwood Genetic Center/CDC  

**Ophthalmology**

**Pakalnis, V. Al**

Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (JA00)  
USCRF/Parexel  

**Pathology**

**Wargovich, Michael**

Chemopreventive Efficacy Studies of Rofecocib in the AOM-Induced Rat Aberrant Crypt and Colon Cancer Bio-Assays - (JA00)  
Merck & Co., Inc.  

**Pathology & Microbiology**

**Creek, Kim**  **Pirisi-Creek, Lucia**

Use of In situ PCR in the Determination of Molecular Pathogenesis of HPV - (FA05)  
Claflin University/NIH
Pathology & Microbiology
Ghaffar, Abdul

Novel Cellular and Small Animal Models to Selectively Screen for Functional Food and Dietary Supplements Which Delay Fatigue and Enhance Physical Stamina and Mental Alertness - (FA01)  $183,978
USCRF/Clemson University/DOD

Pediatrics/Developmental Disabilities, Center for
Ferrante, Richard

ABC Special Needs Child Care Voucher Program Public Awareness Services - (GL13)  $97,749
SC Department of Disabilities & Special Needs
South Carolina and Louisiana Community Development Project - (FJ00)  $97,124
USCRF/Administration for Children Youth and Families/HHS

Kotchmar, George

SC DHEC Division of STD/HIV - (FL16)  $88,853
SC Department of Health and Environmental Control/HHS

Lamb, Lawrence

Peripheral Blood Stem Cell Products - (KA00)  $164,816
USCRF/American Red Cross

Neuberg, Ronnie

Affiliate Member Institution Agreement/NCCF - (F132)  $7,600
National Childhood Cancer Foundation/NCI/NIH

Pharmacology, Physiology & Neuroscience
Reagan, Lawrence

Impairment of Insulin Sensitive Glucose Transporter Trafficking in the Hippocampus of Diabetic Rats - (KA04)  $95,000
Juvenile Diabetes Research Foundation

Radiology
Adcock, David

Subcontract: Medical Surveillance for Former DOE Workers - (F101)  $412,435
Medical University of South Carolina/DOE

Research & Special Projects
Fowler, Stanley

South Carolina Consortium for Cardiovascular Disease and Stroke - (L100)  $10,000
Palmetto Health

Howe, Duncan

Improving the Health Literacy of Health Consumers in Southern Lancaster County - (KL01)  $35,640
USCRF/J. Marion Sims Foundation
Nursing, College of  
Academic & Student Affairs  
Parsons, Mary

Nurse Faculty Workforce Initiative - (FJ00)  
SC Employment Security Commission  
$184,572

Pharmacy, College of  
Basic Pharmaceutical Sciences  
Shim, John

Computational Modeling Studies of the Brain Cannabinoid CB1 Receptor Structure and Functions - (FA05)  
USCRF/North Carolina Central University/NIH  
$28,900

Public Health, Norman J. Arnold School of  
Environmental Health Sciences  
Aldrich, Tim

Carolina Asthma Surveillance and Emergency Room Based Interventions - (FA42)  
Centers for Disease Control (CDC)/HHS  
$57,369

Chandler, G. Thomas

Urbanization and Southeastern Estuarine Systems Project (USES) - (FA39)  
SC Sea Grant Consortium/NOAA  
$124,948

Urbanization and Southeastern Estuarine Systems Project (USES) - (FA40)  
SC Sea Grant Consortium/NOAA  
$64,590

Decho, Alan

Microbial Biofilms: A Parameter Altering the Apparent Optical Properties of Sediments, Seagrasses and Surfaces - (F107)  
Office of Naval Research  
$37,389

McKellar, Henry

Nonpoint Source Assessment and TMDL Development for Phosphorus and Coliform Loading in the Upper Catawba River Watershed - (F159)  
SC Department of Health & Environmental Control/EPA  
$25,690

Porter, Dwayne  
Aelion, C. Marjorie

Development of a GIS-Based Database Management and Spatial Modeling Program - (FA46)  
SC Sea Grant Consortium/NOAA  
$82,956

Development of a GIS-Based Database Management and Spatial Modeling Program - (FA47)  
SC Sea Grant Consortium/NOAA  
$34,273

Development of a GIS-Based Database Management and Spatial Modeling Program - (FA48)  
SC Sea Grant Consortium/NOAA  
$30,337
Environmental Health Sciences

Urbanization and Southeastern Estuarine Systems Project (USES) - (FA43)  
Sea Grant Consortium/NOAA  
$73,414

Urbanization and Southeastern Estuarine Systems Project (USES) - (FA44)  
Sea Grant Consortium/NOAA  
$74,626

Epidemiology & Biostatistics

Aldrich, Tim

Carolina Asthma Surveillance and Ed-Based Intervention - (FA23)  
Centers for Disease Control (CDC)/HHS  
$129,591

Mayer-Davis E.

LOOK-AHEAD - (FA26)  
USCRF/Wake Forest University/NIH  
$3,240

Mayer-Davis, Elizabeth

LOOK-AHEAD - (FA26)  
USCRF/Wake Forest University/NIH  
$81,998

Revenue account for 11520-FA11 and the continuation account 11520-FA24. - (LA01)  
Centers for Disease Control (CDC)/HHS  
$4,820

Revenue account for 11520-FA16 and the continuation account 11520-FA26. - (LOOK AHEAD) - (LA02)  
USCRF/Wake Forest University/NIH  
$3,240

McKeown, Robert

Epidemiology of ADHD in Young Children - (FA27)  
USCRF/Centers for Disease Control (CDC)/HHS  
$251,345

Exploring Diabetes and Depression in Youth - (FA25)  
USCRF/National Institute of Mental Health (NIMH)/NIH  
$368,684

GA:  SC Department of Health & Environmental Control - (GP08)  
SC Department of Health & Environmental Control  
$3,458

GA: SCDHEC - (GP07)  
SC Department of Health & Environmental Control  
$9,854

Exercise Science

Wilcox, Sara

Factors Influencing PA among People with Arthritis - (FA10)  
USCRF/Association of Schools of Public Health/CDC  
$37,580

Health-e-AME Faith Based Physical Activity Initiative - (FA09)  
USCRF/Medical University of South Carolina/CDC  
$190,484

Williams, Harriett

GA: Lowman Home - (JP02)  
Lowman Home  
$10,208
### Health Administration

**Glover, Saundra**

*GA: South Carolina Hospital Association - (KP03)*

SC Hospital Association  

$2,500

### Health Promotion, Education & Behavior

**Morrison, Katherine**

*Blacks, Relationship Violence, and Formative Research - (FA16)*

USCRF/Centers for Disease Control (CDC)/HHS  

$19,980

**Richter, Donna**

*GA: Lexington County Recreation and Aging Commission - (HP07)*

Lexington County Recreation & Aging Commission  

$1,611

**Usdan, Stuart**

*A Comprehensive Approach to Alter High-Risk Drinking Perceptions and Behaviors - (FA17)*

USCRF/Mississippi State University/USDE  

$12,562

### Health Services & Policy Research, Center for

**Murday, David**

*Effective Practices Expert - (GL00)*

Office of First Steps/SC Department of Education  

$14,094

### Prevention Research Center

**Ainsworth, Barbara**

*Evaluation of Physical Education Reform Efforts - (FA31)*

USCRF/Association of Schools of Public Health/CDC  

$100,000

*Health Promotion and Disease Prevention Research Centers - (FA32)*

Centers for Disease Control (CDC)/HHS  

$755,000

*SIP 20-01: Surveillance of Physical Activity and Weight Control - (FA37)*

Centers for Disease Control (CDC)/HHS  

$349,976

**Evans, Alexandra**

*SIP 7-00: Nutrition, Physical Activity, and Obesity Network - (FA18)*

Centers for Disease Control (CDC)/HHS  

$10,000

**Hebert, James**

*SIP 2-02: PRC Cancer Prevention and Control Network - (FA33)*

Centers for Disease Control (CDC)/HHS  

$349,886

**Luchok, Kathryn**

*SIP 11-01: Network for Understanding Lack of PAP Follow Up - (FA34)*

Centers for Disease Control (CDC)/HHS  

$324,912

**Pate, Russell**

*Physical Activity Training for Public Health Professionals - (FA36)*

Centers for Disease Control (CDC)/HHS  

$185,000
Prevention Research Center

Pluto, Delores

SIP 19-01: Policy Influences on Physical Activity and Nutrition Behaviors - (FA35)
Centers for Disease Control (CDC)/HHS

Sharpe, Patricia

Participatory Research for Physical Activity Promotion - (FA39)
USCRF/Centers for Disease Control (CDC)/HHS

Wilcox, Sara

SIP 5-01: Creation of a PRC Network for Healthy Aging - (FA38)
Centers for Disease Control (CDC)/HHS

Public Health, Norman J. Arnold School of - (Dean)

Feigley, Charles

University of South Carolina Center for Public Health Preparedness - (FJ04)
USCRF/Association of Schools of Public Health/CDC

Hebert, James

Health Promotion Through Black Churches - (FA00)
National Cancer Institute (NCI)/NIH

Pastides, Harris

Renovation of Carolina Plaza - (FL02)
Health Resources & Services Administration/HHS

School of Public Health Construction - (FL05)
National Institutes of Standards & Technology (NIST)/DOC

Regional and Four-Year Campuses

USC Beaufort

Sproul, Gordon

Teaching Physical and Marine Sciences with Vernier Program - (KJ00)
Fripp Island Yacht Club

USC Salkehatchie

Carmichael, Ann

PSARAS Foundation Planning Grant - (KL05)
USCRF/PSARAS Foundation

USC Spartanburg

Love, Charles

From, Heidi

DHHS Implementation Grant - (GL26)
SC Department of Health & Human Services

Turner, Jack

Watershed Ecology Center Education Program - (KL00)
Carolina Piedmont Foundation
**USC Sumter**

McLeod M.

*Opportunity Scholars Program - (FL01)*

US Department of Education (USDE) - General

$245,079

**USC Union**

Stokes, Tammy

*Student Support Services - (FL01)*

US Department of Education (USDE) - General

$5,000

**Research, Vice President for**

*Biomedical Research Infrastructure Network (BRIN)*

Baynes, John

*Biomedical Research Infrastructure Network BRIN Administrative Core - (FA00)*

USCRF/National Center for Research Resources (NCRR)/NIH

$74,223

Dunlap, R. Bruce

*Biomedical Research Infrastructure Network BRIN Training & Mentoring Core - (FA01)*

USCRF/National Center for Research Resources (NCRR)/NIH

$563,770

**Science and Mathematics, College of**

*Baruch Institute*

Bushek, David

*Aquatic Nuisance Species Task Force - Using the National Estuarine Research Reserve - (FA30)*

USCRF/National Oceanic and Atmospheric Administration (NOAA)/DOC

$66,400

Fletcher, Madilyn

*Planning and Facility Design for an Environmental Learning Center for the North Inlet - Winyah Bay NERR - (FL00)*

USCRF/National Oceanic and Atmospheric Administration (NOAA)/DOC

$52,500

Lewitus, Alan

*Widespread Krytoperidinium Blooms in South Carolina Estuaries: Improving Detection, Understanding Why They Form, and Assessing Their Impact on Shelfish - (FA36)*

USCRF/National Oceanic and Atmospheric Administration (NOAA)/DOC

$449,828

Ogburn-Matthews, Virginia

*Long-Term Coastal Data and Metadata Rescue and Product Dissemination by USC’s Baruch Institute - (FA37)*

USCRF/National Oceanic and Atmospheric Administration (NOAA)/DOC

$106,840

Porter, Dwayne

*Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office - (FA38)*

USCRF/National Oceanic and Atmospheric Administration (NOAA)/DOC

$269,986
Biological Sciences

Ely, Berten

Molecular Genetics of Fish Populations - (FA40) $142,946
SC Sea Grant Consortium/NOAA

Feller, Michael

Alcohol Metabolism Genes in Transgenic Mice - (FA44) $9,000
USCRF/National Institute on Alcohol Abuse and Alcoholism (NIAAA)/NIH

Chemistry & Biochemistry

Baynes, John

Glycation of Protein in Diabetes - (FA26) $227,875
USCRF/National Institute of Diabetes, Digestive, & Kidney Disease (NIDDK)/NIH

Dawson, John

Editing: Journal of Inorganic Biochemistry - (J400) $2,834
Elsevier Science

Morgan, Stephen

Analysis of Fiber Dyes by Raman Spectroscopy - (FA31) $300,594
USCRF/Federal Bureau of Investigation/DOJ

Relative Discriminating Power of Visible, UV/Visible and UV/Fluorescence Spectrophotometry of Dyed Textile Fibers - (FA30) $272,316
USCRF/Federal Bureau of Investigation/DOJ

Reger, Daniel

Biomedical Research Infrastructure Network - Project 1 - (FA29) $131,213
USCRF/National Center for Research Resources (NCRR)/NIH

Salvatore, Brian

Total Synthesis of Fusarochromanone and New Analogs for Probing its Potent Anti-Angiogenic Activity - (JA01) $42,000
USCRF/ISTO Technologies

zur Loye, Hans-Conrad

Investigation of the Reaction Between Carbon Dioxide and Transition Metal Oxides - (J154) $12,829
USCRF/Air Products and Chemicals

COBRE: Center for Colon Cancer Research

Berger, Franklin

Center for Colon Cancer Research - (FA06) $197,592
USCRF/National Institutes of Health (NIH) - General

Center for Colon Cancer Research - (FA07) $82,562
USCRF/National Institutes of Health (NIH) - General

Center for Colon Cancer Research - (FA08) $100,268
USCRF/National Institute on Drug Abuse (NIDA)/NIH
**COBRE: Center for Colon Cancer Research**

*Center for Colon Cancer Research - (FA09)*  
USCRF/National Institutes of Health (NIH) - General  
$290,739

*Center for Colon Cancer Research/Administrative Core - (FA00)*  
USCRF/National Center for Research Resources (NCRR)/NIH  
$657,337

*COBRE: Physical Activity, Energy Balance, and Colon Cancer Risk - (FA04)*  
USCRF/National Center for Research Resources (NCRR)/NIH  
$154,436

**Muga, Stephanie**

*COBRE: Adjuvant Nutrition and Chemotherapeutic Response - (FA03)*  
USCRF/National Center for Research Resources (NCRR)/NIH  
$222,718

**Pena, Maria Majorette**

*COBRE: Mouse Core Facility - (FA05)*  
USCRF/National Center for Research Resources (NCRR)/NIH  
$224,657

**Smith, Deanna**

*COBRE: APC and Mitosis: A Role for Cytoplasmic Dynein - (FA01)*  
USCRF/National Center for Research Resources (NCRR)/NIH  
$206,321

**Wyatt, Michael**

*COBRE: Thymineless Death and Genome Stability - (FA02)*  
USCRF/National Center for Research Resources (NCRR)/NIH  
$224,398

**Geological Sciences**

**Cohen, Arthur**

*Strategic Improvement Plan Educational Activity: Environmental Science Research/Training Activities in the Everglades of Florida - (FJ00)*  
SC Research Authority/EPA  
$5,093

**Owens, Thomas**

*IRIS Fissures Development Center - (FA23)*  
USCRF/IRIS/NSF  
$9,225

**Physics & Astronomy**

**Johnson, Joseph**

*GIS Enhancements for SC EMD IRIS Systems - (GA03)*  
Emergency Management Division-EMD  
$30,000

*Maintenance, Upgrades, and Fixes for Geologic Computer Systems - (JA00)*  
USCRF/Tramontane, Inc.  
$10,000

**Science Education, Center for**

**Astwood, Phillip**

*South Carolina Junior Science and Humanities Symposium - (FA03)*  
USCRF/Academy of Applied Science/Army Research Office (ARO)  
$12,400
Social Work, College of

Ginsberg, Leon

GA: Medical College of Georgia - (LP16)  $6,400
Medical College of Georgia

Wright, Lois

Elementary School Counseling Demonstration Program - (FL03)  $134,329
Allendale County School District/USDE

Enhancing Childrens' Credibility - (GA05)  $5,000
SC Department of Mental Health

The Purchase of Educational Services to Acquire an MSW Degree - (F295)  $590,990
SC Department of Social Services/HHS

Grand Total  $21,564,866