Business and Finance
Facilities Planning/Energy Services
Coonrod B.

Tree Protection Fencing and Training - (FL00) $5,375
SC Forestry Commission/US Forest Service

College of Education
Education
Van Scoy I.

Troops to Teachers - (FJ01) $50,000
Clemson University/SCCHE/DOD

Education Leadership & Policies
Thompson T.

Project Inquiry - (FL02) $67,599
Berkeley County School District/NSF

Educational Psychology
Johnson R.

Develop South Carolina Standards-Based Arts Assessment - (FL00) $34,583
SC Department of Education/USDE

Evaluation of Arts Grant Applications - (GL00) $16,000
SC Department of Education

Instruction & Teacher Education
Baker H.

Writing Improvement Network - (GL04) $50,000
SC EIA Select Committee

Exemplary Writing Project - (FL03) $20,000
SC Department of Education/USDE

Busching B.

National Writing Project - (F421) $28,000
National Writing Project/USDE

Kuhs T.

Language Arts Standards Leadership Training - (GL03) $53,600
SC Department of Education
SC Educational Policy Center

Monrad D.

An Investigation of Technical Issues Related to the SC Accountability System - (GA02) $100,000
SC Department of Education

School Improvement Council Assistance

Norman J.

Middle Grades Parent Involvement: Emphasis on Risk Behavior Prevention - (GL01) $23,000
SC Educational Oversight Committee

School Improvement Council Assistance - (GL00) $50,000
School Improvement Council Assistance

College of Engineering & Information Technology

Chemical Engineering

Amiridis M. Van Zee J.

REU Site for Materials Research in Chemical Engineering - (FA06) $140,000
National Science Foundation (NSF) - General

Ritter J. Ploehn H.

Magnetic Separations for Environmentally Benign Processing Proposal - (F118) $15,000
National Science Foundation (NSF) - General

Van Zee J.

Performance Recovery Schemes for Membrane Electrode Assemblies Exposed to CO Poisoning in PEM Fuel Cells - (I139) $139,875
SCRI/W.L. Gore & Associates

Civil & Environmental Engineering

Chaudhry M.

Experimental Investigations of Scour Around Bridge Piers - (F143) $100,000
SC Department of Transportation/DOT

Computer Science & Engineering

Huhns M.

GA: US Computing Inc. - (JP17) $7,920
US Computing, Inc.

Vidal J.

An Analysis of the Dynamics of Adaptive Multiagent Systems, with Application to Global Information Exchange Systems - (FA06) $350,000
National Science Foundation (NSF) - General
Mechanical Engineering

Barnes P.          Peters W.

GA: Wood - Manufacturing Companies - (GA00) $15,000
CMAT/Various Wood Companies

Lyons J.

Tensile Impact of Hybrid Composites - (I153) $4,000
SCRI/Composite Solutions, Inc.

Peters W.

Sustainable Universities Initiative - (KA00) $3,000
USC Educational Foundation/Kann Rasmussen Foundation

Rhodes C.

Automation Layout for Coastal Technologies - (I154) $1,517
SCRI/Coastal Technologies, Inc.

SCAMP

Williams A.

Matching Funds from the SC Commission on Higher Education - (GA04) $397,800
SC Commission on Higher Education

College of Hospitality, Retail & Sports Management

Center For Retailing Studies

Fowler D.

Lake Carolina Retail Feasibility Study - (JA00) $20,816
Lake Carolina

College of Journalism & Mass Communications

Journalism & Mass Communications, College of

Collins E.

GA: SC Educational Radio - (GP06) $20,800
SC Educational Radio

GA: SC Department of Alcohol and Other Drug Abuse Services - (GP07) $6,706
SC Department of Alcohol & Other Drug Abuse Services

GA: Central Carolina Community Foundation - (K716) $2,000
Central Carolina Community Foundation

Farrar R.

Strategic Communications Training - August - (FL10) $50,391
Social Security Administration
College of Liberal Arts

Archaeology & Anthropology, Institute of
DePratter C. South S.

Delineation of Cemetery 2 and Search for Additional Cemeteries on Marine Corps Recruit Depot, Parris Island, South Carolina - (I110) SCRI/US Marine Corps/DOD $64,601

Smith S.

HABS II Documentation, Fort Bragg - (FA08) US Army Corps of Engineers $2,000

Art

Voros D.

Sustainable Universities Initiative - (KA00) USC Educational Foundation/Kann Rasmussen Foundation $3,000

Geography

Kovacik C.

CSS Hunley Project - (KL01) National Geographic Society Educational Foundation $41,540

Government & International Studies

Hays S.

GA: SC State Housing Finance & Development Authority - (G744) SC State Housing Finance & Development $6,024

Schneider S.

GA: Hispanic Connections, Inc. - (JP00) Hispanic Connections, Inc. $1,000

History

Wilson C.

Papers of John C. Calhoun - (FA01) National Archives & Records Administration $49,149

Psychology

Follingstad D.

GA: Palmetto Health Alliance - (L713) Palmetto Health Alliance $24,108

GA: Family and Preventive Medicine - (LP04) Family and Preventive Medicine $8,500

GA: Palmetto Health Alliance - (LP02) Palmetto Health Alliance $12,054

GA: Lexington County School District Two - (HP01) Lexington County School District Two $11,500
Psychology

GA: Lexington School District Two - (H730) $12,500
Lexington School District Two

GA: Lexington School District Two - (H729) $12,500
Lexington School School District Two

GA: William S. Hall Psychiatric Institute - (GP04) $15,000
William S. Hall Psychiatric Institute/SCDMH

GA: Palmetto Health Alliance - (LP03) $48,000
Palmetto Health Alliance

Lugo J. Kelly S.
Alcohol Exposure, Social Behavior and the Amygdala - (F147) $22,607
National Institute on Alcohol Abuse & Alcoholism

Nagle R.

GA: The Nuturing Center - (K731) $2,500
The Nurturing Center

GA: Pine Grove School - (J728) $24,000
Pine Grove School

College of Library & Information Science

Library & Information Science, College of

Douglas G.

GA: Lexington Medical Center - (LP02) $8,785
Lexington Medical Center

College of Nursing

Academic & Student Affairs

Loquist R.

Colleagues in Caring - (L101) $2,898
Robert Wood Johnson-Various Sources

College of Pharmacy

Basic Pharmaceutical Sciences

Sowell J.

Biological Evaluation Agreement - (I127) $2,250
SCRI/DuPont

College of Science and Math

Baruch Institute

Beseres J.

Field and Laboratory Feeding Dynamics of Penaeid Shrimp - (KA01) $600
Slocum-Lanz Foundation
Baruch Institute

Gielazyn M.

Genotoxicity of Chromium in Crassostrea Virginica II: Oxidative Damage and Reproductive Effects - (KA02) $600
Slocum-Lunz Foundation

Hall R.

The Effects of Zinc on Arm Regeneration Rates and Developmental Patterns in the Brittlestars Amphipholis Gracillima and Ophiothrix Angulata - (KA03) $800
Slocum-Lunz Foundation

Johnson W.

Microbial Community Responses to Eutrophication in a Southeastern US Salt Marsh Estuary - (FA13) $16,500
National Oceanic & Atmospheric Administration/DOC

Matsui G.

The Distribution and Effects of Oxygen on Sulfate Reducing Bacterial Populations in the Burrows of the Marine Polychaetes Diopatra Cuprea and Chaetopterus Variopedatus - (KA04) $800
Slocum-Lunz Foundation

Murphy S.

Long Term Sediment Dynamics in a Tidal Salt Marsh, North Inlet South Carolina - (KA05) $400
Slocum-Lunz Foundation

Schneider K.

Differential Movement Patterns in Mytilus as a Mechanism of Selection - (KA06) $850
Slocum-Lunz Foundation

Stancyk S.

GA: Department of Natural Resources - (GP02) $7,362
SC Department of Natural Resources

Biological Sciences

Dewey M.

Mouse Models for the Study of Longevity Genes - (I190) $97,217
SCRI/University of Kentucky/NIH

Ely B.

REU Site: Undergraduate Research in Evolutionary Biology - (F175) $6,500
National Science Foundation (NSF) - General
**Biological Sciences**

*Hauswaldt S.*

*Use of Diamondback Terrapin (Malaciemys Terrapin) as a Biological Indicator for Chemical Pollution of South Carolina Estuaries - (FA16)*

National Oceanic & Atmospheric Administration/DOC

$16,500

*Hughes A.*

*Establishing a Bioinformatics Core Facility - (KQ02)*

SC Research Institute

$32,000

*Spencer T.*

*Attenuation of Chemotherapy Induced Myelosuppression - (F169)*

National Cancer Institute/NIH

$93,850

*Chemistry & Biochemistry*

*Dawson J.*

*Spectroscopic and Mechanistic Studies of Heme Enzymes - (F104)*

National Institute of General Medical Sciences/NIH

$244,321

*Editing: Journal of Inorganic Biochemistry - (J400)*

Elsevier Science, Inc.

$2,833

*Spectroscopic and Mechanistic Studies of Heme Enzymes - (FA10)*

National Institute of General Medical Sciences/NIH

$4,214

*Murphy C. Little S.*

*REU SITE: Undergraduate Research in Nanoscience - (F186)*

National Science Foundation (NSF) - General

$32,001

*Myrick M.*

*University of South Carolina CB Support: Basic Research in Materials and Techniques for Optical Computing Standoff Sensors - (F103)*


$2,209,999

*Shaw T.*

*SGER: The Utility of the 227AC and 228RA Isotope Pair as Tracers of Upwelling Intensity and Lateral Transport - (FA09)*

National Science Foundation (NSF) - General

$50,001

**Geological Sciences**

*Eddins S.*

*Non-Point Source Runoff and Water Quality in a Rapidly Growing Urban Watershed - (FA13)*

Clemson University/US Geological Survey

$5,000
**Geological Sciences**

**Howell M.**

*The Neogene Paleoceanographic/Climatic History of the Marion Plateau: A Geochemical and Paleontological Approach* - (FA14)  
Texas A&M Research Fdn/US Science Support Program  
$3,000

**Kendall C.**

*Carnarvon Basin Data - Donated Software* - (LA00)  
Wiltshire Geological Services Pty. Ltd.  
$20,361

**Knapp J.**

*Lithospheric Structure and Tectonic Evolution of the Southeast* - (FA11)  
National Research Council/NSF  
$9,300

*Equitorial Guinea Training Support* - (KA00)  
USC Educational Foundation  
$1,206

**Lakshmi V.**

*The Influence of Land-Atmosphere Interactions on Variability of the North American Monsoon* - (F183)  
National Aeronautics & Space Administration (NASA) - General  
$40,739

**Owens T.**

*Development of a General Purpose “Educational” Seismic Data Viewer* - (FA10)  
Incorporated Research Institutions for Seismology/DOE  
$93,539

*The South Carolina Earth Physics Project* - (GA15)  
SC Commission on Higher Education  
$48,000

**Talwani P.**

*Support for the South Carolina Seismic Network* - (KA01)  
USC Educational Foundation  
$10,000

**Torres R.**

*Characterization of Estuarine Channel Networks* - (FA12)  
National Oceanic & Atmospheric Administration/DOC  
$16,500

**Yogodzinski G.**

*The Korovin Geological Mapping Project* - (FA09)  
US Geological Survey/DOI  
$25,000

**Physics & Astronomy**

**Djalali C.**

*SURA Graduate Fellowship Assistance at Jefferson Laboratory* - (F136)  
Southeastern Universities Research Association/NSF  
$14,387
Physics & Astronomy

Johnson J.

- Development of a South Carolina State-Wide Prosecution Case Management System - (FA10)
  SC Commission on Prosecution Coordination/DOJ $230,000

- Development and Demonstration of a Voice-Accessible Traffic Incident and Vehicle Inspection Routing System - (GA01)
  SC State University $20,488

- Image and Database System Development and Management Contract - (G102)
  SC Ethics Commission $5,000

Purohit M. Rosenfeld C.

- Experimental Particle Physics - (F117)
  US Department of Energy $515,000

Whisnant S.

- The Study of Nuclear Physics - (F133)
  Brookhaven National Laboratory/DOE $11,130

Science & Math Administration

Crawley G.

- Internationalizing a Science-Business Master's Program - (FA00)
  US Department of Education $88,500

College of Social Work

Social Work, College of

Farber N.

- Community Alliance for Pregnancy Prevention Education - (KL01)
  Raven/Communities in Schools (CIS) $1,671

Raymond F.

- GA: The Potters Touch: UMC Counseling Services - (LP04)
  The Potter's Touch $3,012

- GA: Catawba Family Center - (LP03)
  Catawba Family Center $3,012

- GA: Carolina Children's Home - (KP18)
  Carolina Children's Home $6,024

- GA: Research Associates - (JP01)
  Research Associates $6,027

- GA: The Caring House (Palmetto Richland Hospital) - (LP02)
  The Caring House $7,530
Social Work, College of
Wright L.

Character Education Conference - (GL02)  
SC Department of Education  
$53,813

Supporting Elementary Education Through School Social Work - (GL01)  
SC Department of Education  
$26,155

Child Abuse and Neglect Interdisciplinary Training - (F429)  
SC Department of Social Services/HHS  
$205,368

Victim Services Professional Development - (F428)  
Office of Justice Programs/DOJ  
$110,029

The Purchase of Educational Services to Acquire an MSW Degree - (F295)  
SC Department of Social Services/HHS  
$746,749

Darla Moore School of Business
Business Administration - Division Of Research
Roenfeldt R.

GA: South Financial Group - (JP17)  
South Financial Group  
$4,825

GA: SC Department of Transportation - (GP06)  
SC Department of Transportation  
$4,850

GA: SCANA Corporation - (JP18)  
SCANA Corporation  
$6,530

GA: Northwestern Mutual Life - (J735)  
Northwestern Mutual Life  
$1,005

Earth Sciences & Resources Institute
Earth Sciences & Resources Institute
Shafer J.

GIS Installation and Training - (I199)  
SCRI/City of Boulder Public Works Department  
$2,264

Institute for Families in Society
Families in Society, Institute for
Lopez-DeFede A.

South Carolina Medically Fragile Children's Program - (FA02)  
SC Department of Health & Human Services/HHS  
$100,000

South Carolina Medically Fragile Children's Program - (FA02)  
SC Department of Health & Human Services/HHS  
$231,310
**Institute of Public Affairs**

*Public Affairs, Institute of*

**Kelsey H.**

*Implementation of a Nonpoint Education for Municipal Officials (NEMO) Program* - (GL02)  
Hazardous Waste Management Fund  
$18,367

*Transportation Community System Preservation Pilot Program* - (FL01)  
SC Budget & Control Board/DOT  
$46,263

**Oldendick R.**

*Provide Workshops on Design, Development and Administration of Surveys* - (GJ00)  
SC Department of Health & Environmental Control  
$2,000

*Trends in Satisfaction with DHEC Services* - (G150)  
SC Department of Health & Environmental Control  
$18,000

**Law School**

*Law School*

**Byars W.**

*Nexuskids Training Plan for Children's Services* - (FL02)  
SC Department of Social Services/HHS  
$71,196

**Norman J. Arnold School of Public Health**

*Center for Health Services and Policy Research*

**Murday D.**

*South Carolina Traumatic Brain Injury (TBI) State Planning Federal Grant Project* - (FL00)  
SC Department of Disabilities & Special Needs/HRSA  
$50,000

**Woods J.**

*Traumatic Brain Injury Service-Linkage Project* - (I102)  
SCRI/Nat'l. Center for Injury Prevention & Control/MUSC/CDC  
$6,775

**Environmental Health Sciences**

**Feigley C.**

*Graduate Education in Industrial Hygiene* - (FJ01)  
Centers for Disease Control/HHS  
$81,253

**Epidemiology & Biostatistics**

**Hebert J.**

*Multicenter Coordinating Site for 24-hour Recall* - (I104)  
SCRI/Emory University/NIH  
$119,908
<table>
<thead>
<tr>
<th>Field</th>
<th>Name</th>
<th>Organization</th>
<th>Amount</th>
<th>Project Description</th>
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<tbody>
<tr>
<td><strong>Exercise Science</strong></td>
<td>Carson J. McClung J.</td>
<td>American College of Sports Medicine Foundation</td>
<td>$2,500</td>
<td>B-1 Integrin Signaling During Disuse Skeletal Muscle Atrophy - (KA00)</td>
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<td><strong>Health Administration</strong></td>
<td>Wilcox S.</td>
<td>American College of Sports Medicine Foundation</td>
<td>$14,983</td>
<td>Physical Activity in Rural African American and White Women - (KA01)</td>
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<td><strong>Health Promotion &amp; Education</strong></td>
<td>Neal A.</td>
<td>Palmetto Health Alliance</td>
<td>$20,000</td>
<td>National Youth Sports Program Supplementary Grant One - (KL00)</td>
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<td><strong>Norman J. Arnold School of Public Health - Dean</strong></td>
<td>Wheeler F.</td>
<td>University of North Carolina/HRSA</td>
<td>$11,500</td>
<td>Southeast Public Health Training Center - (FJ01)</td>
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<td><strong>Prevention Research Center</strong></td>
<td>Shepard D.</td>
<td>SC Department of Health and Environmental Control</td>
<td>$9,000</td>
<td>Epidemiologic Assistance to SC DHEC - (G103)</td>
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</table>
Regional and Four-Year Campuses

USC Aiken

Priest J.

Natural Resources Science, Mathematics, Engineering Education Program - (F498) $666,600
Savannah River Research Institute/USDA

SC SSI Strategic Planning Grant - (FL05) $8,400
SC Department of Education/NSF

Central Savannah River Area Hub-SC DoEd - (GL02) $270,892
SC Department of Education

Strom D.

Cell Cycle Regulation by the AML-1B Transcription - (FA07) $129,496
National Cancer Institute/NIH

USC Beaufort

Callahan C.

Season Brochure, Festival Series and Gallery Events - (HL02) $12,000
City of Beaufort

Casey M.

Student Support Services Program - (FL01) $215,113
US Department of Education

Quick G.

Equipping Jasper County School District Students for Research Science - (KQ00) $10,000
The Community Foundation, Inc.

Yanker M.

USCB Center for Coastal Ecology - (GL01) $40,000
SC Department of Health & Environmental Control

USC Lancaster

Beasley P.

Upward Bound - (FL01) $211,152
US Department of Education

USC Salkehatchie

Williams P.

Character Education Teacher's Academy - (GJ00) $41,487
SC Department of Education
USC Spartanburg
Minsky I.

Student Support Services Program - (FL05)  $216,454
US Department of Education

Rogers S.

USCS Achieve Program - Pregnant and/or Parenting Youth - (FL03)  $15,000
SC Employment Security Commission/DOL

USCS Achieve Program - Youth Offenders - (FL04)  $13,500
SC Employment Security Commission/DOL

Turner J.

Microbiobial Study - (L101)  $960
Milliken

School of Medicine

Cell Biology & Neurosciences
Lavoie H.

Ovarian LDL Receptor and Star Gene Regulation - (F176)  $133,621
National Institute of Child Health & Human Development/NIH

Developmental Biology & Anatomy
Carver W.

Role of ADAMs in Heart Myocyte Development - (FA01)  $252,875
National Heart, Lung & Blood Institute/NIH

Cardiac Mast Cell: Role in Pathogenesis of Heart Failure - (F180)  $10,000
Albnum University/NIH

Patel C.

Regulation of Homeobox Gene HOXA9EC in Endothelium - (KA03)  $66,000
American Heart Association

Potts J.

Cell-Cell and Cell-ECM Interaction in AV Canal Formation - (KA02)  $66,000
American Heart Association

Family & Preventive Medicine
McDermott S.

The South Carolina Disability Network - (FA02)  $150,000
Centers for Disease Control/HHS
Internal Medicine

Gonzalez F.

AG3340-009 A Randomized Double-Blind, Placebo Controlled, Phase III Study of Matrix Metalloproteinase Inhibitor AG3340 in Hormone-Refractory Prostate Cancer - (J136)
Agouron Pharmaceuticals, Inc.

$1,350

A Study of the Tolerance and Efficacy of Mito Extra in Patients with Solid Tumors Who Have Failed Previous Therapy - (J134)
Clinical Research Group, Inc.

$6,075

Lin T.

A 24 Month, Double-Blind Multicenter Study of Zenarestat (CI1014-1) in the Treatment of Diabetic Neuropathy - (J127)
Pfizer, Inc.

$2,375

Omoigui N.

Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102)
Health Science Center/NHLBI

$910

Neuropsychiatry

Chubon R.

Rehabilitation Long-Term Training: Rehabilitation Counseling - (F260)
US Department of Education

$98,017

Jerrell J.

Research and Training - Homeless Outreach Project - Little River - (GA00)
SC Department of Mental Health

$34,380

Kress M.

Rehabilitation Long-Term Training in Rehab Counseling - (F259)
US Department of Education

$98,703

Obstetrics & Gynecology

Best R.

Genetic Services for Indigent and Underserved Patients (DHEC) - (GL00)
SC Department of Health & Environmental Control

$66,043

Whitman-Elia G.

A Phase 3, Prospective, Randomized, Assessor Blind, Multicenter, Multinational, Comparative Trial of a New Formulation of R-FSH Versus Fertinex and Gonal-F in Oligoanovulatory Infertile Women Undergoing Ovulation Induction - (JA00)
Serono, Inc.

$18,000
Ferrante R.

Training Materials and Programs for SC Department of Disabilities & Special Needs - (GL05)  
SC Department of Disabilities & Special Needs  
$649,234

Access to Assistive Technology Partnership - (GL07)  
SC Access to Information Technology Partnership/PSC  
$75,000

Operation of CARE Center-Columbia - (GL04)  
SC Department of Disabilities & Special Needs  
$159,900

SC Traumatic Brain Injury State Planning Federal Grant Project - (FL03)  
SC Department of Disabilities & Special Needs/HRSA  
$45,656

South Carolina University Affiliated Program - (F485)  
Administration on Children, Youth & Families/HHS  
$347,000

Kotchmar G.

SC Department of Health & Environmental Control Division of STD/HIV - (FL01)  
SC Department of Health & Environmental Control/HHS  
$9,814

Mayfield-Smith K.

Travel for Pediatric Advocate/DHEC - (GL03)  
SC Department of Health & Environmental Control  
$10,000

Early Intervention Technical Assistance Collaborative - (GL02)  
SC Department of Health & Environmental Control  
$336,117

Rivers D.

Operation of South Carolina Services Information System - (GL06)  
SC Department of Disabilities & Special Needs  
$100,925

Research & Special Projects

Faulkner L.

USC School of Medicine Psychiatry Training Program - (K204)  
The Fullerton Foundation  
$110,282

Fowler S.

SCCC Undergraduate Research Training Program - (H101)  
Palmetto Richland Memorial Hospital  
$32,400
Surgery
Nottingham J.

Clinical Protocol for Multi-Center, Double-Blind, Randomized Study of the Efficacy and Safety of a Single Dose of IV Parecoxib Sodium Followed by Up to Seven Days of Oral Valdecoxib for the Pain Following Laparoscopic Cholecystectomy - (JA00)
Quintiles Pacific, Inc.

$2,000

School of the Environment
School of the Environment
Dow K.

Urban Forests and Community Education in the USC's A.C. Moore Garden - (FL00)
SC Forestry Commission/US Forest Service

$9,300

Owensby B.

Wood Residue Generation, Recycling, and Biomass to Energy Development Database - (FA01)
SC Forestry Commission/US Forest Service

$10,914

South Carolina Honors College
South Carolina Honors College
Sederberg P.

A Research-Based Learning Program to Strengthen General Education at a Research University - (KJ00)
The William & Flora Hewlett Foundation

$130,000

Vice President for Research
Nanocenter
Ploehn H. Murphy C. Amiridis M.

NIRT: Dendrimer-Stabilized Nanoparticles for Next-Generation - (FA00)
USCRF/National Science Foundation (NSF) - General

$1,000,000

Grand Total

$14,053,305