College of Education  
*Education Leadership & Policies*  
**Stevenson K.**

*Study of the Relationship of School Facilities to Educational Outcomes, Structure, and Organization* - (GA00)  
Education Oversight Committee  
$25,000

*Instruction & Teacher Education*  
**Kuhs T.**  
**Toner T.**

*Professional Development School Enhancement Project* - (FL00)  
SC Department of Education/USDE  
$8,000

*Office of Research*  
**Johnson R.**  
**Kuhs T.**

*Assessment of Learning in the Teacher Cadet Program* - (GA00)  
SC Center for Teacher Recruitment  
$14,295

*SC Educational Policy Center*  
**Monrad D.**

*Development of Principal Evaluation Instrumentation* - (GA00)  
SC Department of Education  
$60,053

*College of Engineering & Information Technology*  
*Chemical Engineering*  
**Matthews M.**  
**Weidner J.**

*Electrochemical Oxidation in Room Temperature Ionic Liquids* - (FA01)  
National Science Foundation  
$100,000

**Popov B.**

*Deposition of Coatings on NASA AerMet 110 Specimens* - (I129)  
SCRI/ Marshall Space Flight Center/NASA  
$7,502

*Development and Characterization of Novel Zn-Ni-X [X = Cd on Sn] Ternary Alloys to Prevent Corrosion and Hydrogen Embrittlement* - (I130)  
SCRI/Naval Air Systems Command/DOD  
$52,170

**Van Brunt V.**

*Solid-Liquid Separation Studies for Two Mixtures of Monosodium Titanate with Simulated Sludge for Salt Disposition at SRS* - (FA00)  
SC Universities Research & Education Foundation/DOE  
$164,412
Chemical Engineering

White R.  

Integrated Power System Study: Modeling from First Principles - (I128)  
SCRI/Veridian-MRJ  
$99,000

Computer Science and Engineering

Huhns M.

GA: (1) US Computing Inc. - (JP02)  
US Computing, Inc.  
$1,485

Internet Application Software - (I102)  
SCRI/Terrasoft Solutions, Inc.  
$6,160

GA: (1) Solectron - (JP03)  
Solectron  
$9,360

Electrical & Computer Engineering

Sudarshan T.

High Temperature Epitaxial Growth of SIC - (F173)  
Office of Naval Research/DOD  
$40,000

Mechanical Engineering

Giurgiutiu V.

Field-Portable NDE Equipment Concepts for Tagged Smart Composites Application - (F164)  
US Army CERL/DOD  
$15,333

McNeill S.  

Seed Funds to Develop a Research Cluster for Measurements and Modeling of Nano-Materials and Electronic Components - (FA04)  
SC Space Grant Consortium/NASA  
$25,000

College of Liberal Arts

Archaeology & Anthropology, Institute of

Clement C.

Phase II Evaluation of Ten Archaeological Sites at Fort Jackson, Richland County, South Carolina - (FA02)  
US Army/DOD  
$106,654

Geography

Mock C.

Collaborative Research: Historical Climatic Reconstructions for the Southeastern United States - (F167)  
National Science Foundation  
$58,757
History
Wilson C.

The Papers of John Calhoun - (L108) Various Sources $2,000

Naval Science
Moon V.

NROTC Educational Instruction: Chemistry and Biology - (FJ01) US Navy/DOD
NROTC Educational Instruction: Calculus and Physics - (FJ00) US Navy/DOD

Psychology
Baylis G.

Modeling the Effects of Stroke with Transcranial Magnetic Stimulation - (KQ00) SC Research Institute $29,000

Follingstad D.

GA: (2) SC Department of Corrections - (GP00) SC Department of Corrections $29,120

Prinz R.

Risk Reduction via Promotion of Youth Development - (F113) National Institute of Mental Health/NIH $624,750

Richards J.

Research Assistant Professor/Research Training in Cognitive Psychophysiology and Detection of Deception - (F144) US Department of Defense $150,000

College of Pharmacy
Basic Pharmaceutical Sciences
Zhu B.

Therapeutic Effects of Combining Navelbine with 2-Methoxy-Estradiol on Breast Cancers - (JA00) Glaxo-Wellcome, Inc. $40,000

Clinical Pharmacy
Rowen R.

Clinical Pharmacy Service Contract Agreement - (LL00) Palmetto Richland Memorial Hospital $25,000
Palmetto Poison Center
Metts B.

Emergency Medical Services for Children - (FL00) $40,000
SC Department of Health & Environmental Control/HHS

Pharmacy Practice
Reeder C.

Fellowship in Pharmacoeconomics and Health Outcomes Research - (JA02) $38,045
Glaxo-Wellcome, Inc.

College of Science and Math
Baruch Institute
Bushek D.

The Caribbean Oyster: Genetic Resource for American Oyster Culture - (F127) $7,596
Harbor Branch Oceanographic Institute/NOAA

Lewitus A.

A Proposed Harmful Algal Bloom Initiative for South Carolina: Assessing the Potential Environmental Impacts of Red Tides, Pfiesteria, and Toxic Algae - (FA06) $140,060
SC Department of Natural Resources/DOC

Biological Sciences
Vance V.

Viral and Plant Suppressors of Gene Silencing - (FA04) $300,000
US Department of Agriculture

Center For Science Education
Astwood P.

South Carolina Junior Science and Humanities Symposium - (FA00) $12,470
Academy of Applied Science/DOD

Chemistry
Baynes J.

Purchase of Quadrupole-Time of Flight (QTOF) Liquid Chromatograph Tandem Mass Spectrometer-Mass Spectrometer (LC/MS/MS) - (KQ01) $50,000
SC Research Institute

Dawson J.

Purchase of a Double Beam UV-Visible Absorption Spectro-Photometer - (KQ00) $18,000
SC Research Institute

Editing: Journal of Inorganic Biochemistry - (J400) $2,667
Elsevier Science Inc.
Chemistry

Reger D.

Minority Supplement: Cadmium-113 MNR of Systems of Biological Interest - (I104)  $32,976
SCRI/Battelle Memorial Institute/NIH

Cadmium-113 NMR of Systems of Biological Interest - (I103)  $17,000
SCRI/Battelle Memorial Institute/NIH

Zur Loye H.

Investigation of the Reaction Between Carbon Dioxide and Transition Metal Oxides - (I198)  $78,421
SCRI/Air Products and Chemicals, Inc.

Geological Sciences

Talwani P.

SC Seismic Monitoring Network - (F159)  $96,650
SC Universities Research and Education Foundation/DOE

Statistics

Edwards D.

GA: (1) SC Commission on Higher Education - (GP00)  $8,625
SC Commission on Higher Education

Finch H.

Safety Belt Use Survey - (FA00)  $12,075
SC Department of Public Safety/DOT

College of Social Work

Social Work, College of

Wright L.

Elementary School Counseling Demonstration Program - (FL03)  $124,494
Allendale County Schools/USDE

AFL Demonstration Project: It's OK to Wait - (FA02)  $20,000
SC Department of Health & Environmental Control/HHS

DHEC HABLA Language Assistance Program - (GL00)  $63,000
SC Department of Health & Environmental Control

Darla Moore School of Business

Business Administration - Division Of Research

Markland R.

GA: (2) SCT Corporation - (J747)  $2,000
SCT Corporation
Business Administration - Division Of Research
Teel S.
Assessment of Public Opinion of SC Department of Transportation - (FA01)
SC Department of Transportation/DOT
$40,624

Woodward D.
Economic Impact of Proposed Clemson Road Development - (JA01)
Kahn Development Company
$14,889

Earth Sciences & Resources Institute
Earth Sciences & Resources Institute
Waddell M.
Non-Invasive Determination of the Location and Distribution of Free-Phase DNAPL's by Science Reflection Techniques - (I199)
SCRI/US Department of Energy
$161,000

Institute for Families in Society
Families in Society, Institute for
Brown W.
PROJECT RESPOND - Year 4 - (1116)
SCRI/US Department of Education
$138,171

Institute of Public Affairs
Public Affairs, Institute of
Lind K.
Survey of Attitudes about Fatherhood - (KA00)
Sisters of Charity Foundation of SC
$19,924

Prince C.
Transportation Community System Preservation Pilot Program - (FL01)
SC Budget & Control Board/DOT
$44,943

Steagall C.
Encouraging Environmental Excellence Through the Implementation of EPA's National Performance Track Program - (FL02)
SC Department of Health & Environmental Control/EPA
$19,938

Norman J. Arnold School of Public Health
Environmental Health Sciences
Aelion M.
Urbanization of Southeastern Estuarine Systems - (F174)
SC Sea Grant Consortium/NOAA
$48,763
Environmental Health Sciences

Chandler T. Siewicki

Urbanization of Southeastern Estuarine Systems - (F171)
SC Sea Grant Consortium/NOAA

$65,661

Urbanization of Southeastern Estuarine Systems - (F170)
SC Sea Grant Consortium/NOAA

$68,962

Decho A.

Urbanization of Southeastern Estuarine Systems - (F169)
SC Sea Grant Consortium/NOAA

$35,925

McKellar H.

Urbanization of Southeastern Estuarine Systems - (F173)
SC Sea Grant Consortium/NOAA

$85,346

Scott G.

Urbanization of Southeastern Estuarine Systems - (F168)
SC Sea Grant Consortium/NOAA

$110,503

Vernberg J. Vernberg W.

Urbanization of Southeastern Estuarine Systems - (F172)
SC Sea Grant Consortium/NOAA

$51,870

Epidemiology and Biostatistics

Coker A.

Demonstration Projects for the Early Intervention and Prevention of Sexual Violence and Intimate Partner Violence among Racial and Ethnic Minority Populations - (FA04)
Centers for Disease Control/HHS

$399,720

Sanderson M.

Multilevel Analysis of SES and Prostate Cancer Risk - (FA03)
Association of Schools of Public Health/HHS

$146,383

Buccal Cell Collection for South Carolina Older Men’s Health Project - (FA02)
National Cancer Institute/HHS

$24,413

Health Administration

Pastides H.

Design Development and Construction Document - (FL01)
US Department of Housing & Urban Development

$462,500

Health Promotion and Education

Richter D.

Marketing TB Elimination - (FA00)
Association of Schools of Public Health/ATSOR/CDC

$99,211
Health Promotion and Education

Enhancing CBO Capacity for HIV Prevention - (FA02) $245,405
Association of Schools of Public Health/ATSOR/CDC

Prevention Research Center

Sharpe P.

Effects of Massage on Range of Motion and Flexibility - (KA01) $19,991
American Massage Therapy Association Foundation

Regional and Four-Year Campuses

Aiken

Cubbedge F.

DOE Public Documents Reading Room - (F407) $39,616
US Department of Energy

Kladivko D.

Alcohol Education and Enforcement: USC Aiken’s Social Norms Marketing Campaign and Policy Review - (FL01) $7,637
SC Department of Alcohol & Other Drug Abuse Service/NIH

Priest J.

CSRA Hub Professional Development Program - (GL00) $27,500
SC Department of Education

CSRA Hub-SC SSI Professional Development/Evaluation Program - (FL02) $73,142
SC Department of Education/NSF

Lancaster

Scarlett T.

The Roles of Birds and Mammals as Acorn Predators or Dispersal Agents - (KQ00) $21,450
SC Research Institute

Spartanburg

Bohannan P.

Nursing Education and Research - (K120) $15,219
Carolina Piedmont Foundation

Utley Nursing Education Endowment - (K121) $1,917
Carolina Piedmont Foundation

Brackett J.

Gearing Up for College - (FL00) $102,230
SC Commission on Higher Education/USDE

GEAR-UP for College - (GL01) $67,770
SC Commission on Higher Education
Spartanburg
Shelley A.

Teacher Meeting Place - (K422) Carolina Piedmont Foundation $10,000

Thomas B.

Herpetofaunal Inventory of the Cowpens National Battlefield - (FA00) National Park Service/DOI $1,750

Turner J.

Microbiobial Study - (L101) Milliken & Company $2,640

Cowpens Water Quality Study - (F110) National Park Service/DOI $8,268

School of Medicine
Internal Medicine
Bryan C.

Perinatal HIV Prevention Services - (FL00) SC Department of Health & Environmental Control/HHS $61,492

Gonzalez F.

A Randomized, Double-Blind Multicenter, Parallel Group Trial Comparing the Safety and Efficacy of IGIV-Chromatography, 10% (Experimental) with IGIV Solvent - (JA00) Bayer Corporation $4,273

Omoigui N.

Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102) University of Texas Health Center/NIH $3,545

South Carolina Cancer Center
Woods W.

Children’s Cancer Group - (FL00) Palmetto Health Alliance/HHS $5,416

Vice President for Research
EPSCoR
Balbuena P.

Molecular Modeling of Electrocatalysis - (GA21) SC Commission on Higher Education $20,986
<table>
<thead>
<tr>
<th>Name</th>
<th>Principal Investigator</th>
<th>Funding Agency</th>
<th>Project Description</th>
<th>Amount</th>
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<tr>
<td>DeVore R.</td>
<td>Little S.</td>
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<td><strong>Advance Wavelet Methods for Image and Signal Processing - (GA05)</strong></td>
<td>$44,186</td>
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<td>DeVore W.</td>
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<td><strong>Monitoring Coastal Wetland Change and Modeling Ecosystem Health in South Carolina Using Advances in Remote Sensing Digital Image Processing - (GA01)</strong></td>
<td>$30,120</td>
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<td><strong>Developmental Assistance Supplement - (GA14)</strong></td>
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<td><strong>Strategic Improvement Plan - (GA09)</strong></td>
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<td><strong>NASA EPSCoR Management - (GA03)</strong></td>
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<td><strong>Virtual Entrepreneurial Development Center and Incubator Coordination - (GA11)</strong></td>
<td>$30,466</td>
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<td>Marton L.</td>
<td>Little S.</td>
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<td><strong>Interdisciplinary Biotechnology Program in Environmental Dehalogenation - (GA08)</strong></td>
<td>$44,941</td>
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<td>McNeill S.</td>
<td>Little S.</td>
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<td><strong>Seed Funds to Develop a Research Cluster for Measurements and Modeling of Nano-Materials and Electronic Components - (GA00)</strong></td>
<td>$24,790</td>
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**EPSCoR**

**Porter D. Little S.**

*Monitoring Coastal Wetland Change and Modeling Ecosystem Health in South Carolina Using Advances in Remote Sensing Digital Image Processing - (GA02)*

SC Commission on Higher Education

$17,616

**Seminario J. Little S.**

*Computation Studies of Molecular Systems for Nanotechnology Materials - (GA22)*

SC Commission on Higher Education

$25,724

*Controllers for Molecular Scale Electronics - (GA07)*

SC Commission on Higher Education

$18,773

**Sutton M. Little S.**

*Development and Enhancement of Research Capability for Aircraft Structures and Materials - (GA04)*

SC Commission on Higher Education

$97,461

**White R. Little S.**

*Modeling of On-Board Fuel Cell-Based Power Systems for Naval Ships - (GA06)*

SC Commission on Higher Education

$35,255

**Vice President for Research**

**Barnes P.**

*CMAT Central Operations - CMAT/MEP Activities - FY00 - (G106)*

SC Commission on Higher Education

$29,800

**Grand Total**

$6,576,859