College of Criminal Justice
*Criminal Justice, College of*

**Baker D.**

*GA: South Carolina Department of Public Safety - (GP00)*  
$40,745  
SC Department of Public Safety

College of Education

*Education Leadership & Policies*

**Fidler P.**

*GA: Wofford College - (LP01)*  
$11,044  
Wofford College

*Educational Psychology*

**Jennings L.**

*The Construction of Literacy Practices Through Inquiry-Based Instruction: Analyzing Longitudinal Data Within and Across Elementary Classrooms - (KA00)*  
$5,600  
National Council of Teachers of English

*Investigating Inquiry Based Pedagogies in the Context of Standards Based Reforms - (KA01)*  
$25,000  
National Academy of Education

**Seaman M.**

*Assisting the South Carolina Report Card and Student Retention Projects - (GA01)*  
$12,427  
SC Educational Oversight Committee

*Instruction & Teacher Education*

**Singer J.**

*USC-PT3 Consortium to Improve the Technology Education of Pre-Service Teachers - (FJ02)*  
$40,000  
US Department of Education

College of Engineering & Information Technology

*Chemical Engineering*

**Davis T.**

*Southeastern Hydrogen Study - (FA09)*  
$9,205  
SC Universities Research & Education Foundation (SCUREF)/DOE
Chemical Engineering

Popov B.

Evaluation of Economical & Efficient Method for Corrosion Protection of Structural Concrete Experimental Studies & Mathematical Modeling - (F198)  
SC Department of Transportation/DOT  
$128,178

Development of Electroless Processes for Deposition of Zn Silicate Coatings - (JA02)  
USCRF/Elisha Technologies Co., LLC  
$43,000

Civil & Environmental Engineering

Rizos D.

Software Development for Berthing Analysis and Structural Loading on Waterfront Facilities - (FA05)  
Naval Facilities Engineering Command/DOD  
$71,847

Computer Science & Engineering

Huhns M.

Robust Software with Errors Through Team-Oriented Programming - (FA00)  
National Science Foundation (NSF) - General  
$51,163

Mechanical Engineering

Khan J.

Computational and Experimental Analysis of the Effectiveness of the Argon Reservoir - (FA12)  
SC Universities Research & Education Foundation (SCUREF)/DOE  
$138,820

Peters W.

Assessing the Potential Economic Use of Small Diameter Material in the Edisto River Basin - (FA11)  
SC Forestry Commission/USDA  
$29,876

SCAMP

Perkins M.

USC-Campus State Matching Funds - (GA05)  
SC Commission on Higher Education  
$65,835

White R.

Curriculum and Reform - State Matching Account - (GA07)  
SC Commission on Higher Education  
$20,000

Summer Research Program - State Matching Funds - (GA06)  
SC Commission on Higher Education  
$71,172
**SCAMP**  
*Williams A.*

- **Matching Funds from the SC Commission on Higher Education**  
  (GA04)  
  SC Commission on Higher Education  
  $247,665

- **Funding for the SC Alliance Minority Participation Research Program**  
  (FA01)  
  Savannah River Operations/DOE  
  $20,000

**College of Hospitality, Retail & Sports Management**  
*Center For Retailing Studies*  
*Wesley S.*

- **Tourist-Oriented Shopping Centers: Investigating Customer's Evaluation of Attribute Importance**  
  (KA00)  
  International Council of Shopping Centers Educational Fdn.  
  $11,429

**Hospitality, Retail & Sports Mgmt - Dean's Office**  
*Jordan D.*

- **South Carolina Academy of Science Central Office**  
  (G400)  
  SC Academy of Science/SC Department of Education  
  $62,500

**College of Liberal Arts**  
*Archeology & Anthropology, Institute of*  
*Smith S.*

- **HABS II Documentation, Fort Bragg**  
  (FA08)  
  USCRF/US Army Corps of Engineers/DOD  
  $15,666

**Geography**  
*Carbone G.*

- **GA: Southeast Regional Climate Center**  
  (GP01)  
  Southeast Regional Climate Center  
  $12,387

**Jensen J.**

- **NASA Graduate Student Researchers Program: Machine Learning**  
  GMDH Neuro-Fuzzy Techniques for Inherent Optical Property Estimation  
  (F159)  
  National Aeronautics & Space Administration (NASA) - General  
  $22,000

**Kovacik C.**

- **South Carolina Geographic Alliance**  
  (KA00)  
  National Geographic Society Education Foundation  
  $25,000
Liberal Arts Dean’s Office

Willer D.

A Software and Data Library for Experiments, Simulations, and Archiving - (F101) $6,000 National Science Foundation (NSF) - General

McKissick Museum

Robertson L.

"A Portion of the People" Exhibition Support - (KA00) $2,000 Zuker Family Foundation, Inc.

Philosophy

Baird D. Hughes R.

Sustainable Universities Initiative - (K101) $14,750 USC Educational Foundation/Kann Rasmussen Foundation

Psychology

Follingstad D.

GA: Department of Juvenile Justice - (GP02) $36,000 SC Department of Juvenile Justice

GA: Department of Family & Preventive Medicine - (LP05) $11,000 Family & Preventive Medicine

Nagle R.

GA: Office of Continuum of Care - (GP05) $12,500 Office of Continuum of Care/SC Governor's Office

Religious Studies

Evans C.

Reference and Research for Encyclopedia of Hinduism - (K100) $50,000 India Heritage Research Foundation

College of Library & Information Science

Library & Information Science, College of

Douglas G.

Gates Foundation Fellowship - (KJ00) $17,955 Bill & Melinda Gates Foundation

GA: SC Department of Health and Environmental Control - (GP01) $10,030 SC Department of Health and Environmental Control
College of Nursing

Academic & Student Affairs

Loquist R.

Colleagues in Caring - (L101)  
Various Sources  
$500

Murdaugh C.

Health Promotion/Risk Reduction in Special Populations - (F100)  
National Institute of Nursing Research/NIH  
$292,108

Family & Community Health Nursing

Glenn K.

First Steps for Readiness Grant Program - (KA00)  
Central Carolina Community Foundation  
$7,725

College of Pharmacy

Basic Pharmaceutical Sciences

Sowell W.

Lilly Compound Screening Agreement - (J155)  
Eli Lilly Company  
$1,500

College of Science and Math

Baruch Institute

Fletcher M.  Allen D.

North Inlet - Winyah Bay NERR - (FA14)  
National Oceanic & Atmospheric Administration - General/DOC  
$530,000

Biological Research & Technology, Institute for

Ratner P.

Gene Therapy Research - (L100)  
Paul Ratner  
$2,200

Biological Sciences

Benner R.

Sources, Abundance, and Transformations of Amino Sugars in Marine Organic Matter - (FA02)  
National Science Foundation (NSF) - General  
$150,000

Marton L.

Genetically Engineered Plants Carrying the Cordgrass Dehaloperoxidase Gene for Bioremediation of Soil and Water Polluted with Haloorganics - (G123)  
Hazardous Waste Management Research Fund/SCUREF  
$79,087
**Biological Sciences**

**Morris J.**

*Coastal Wetland Indicators - (FA17)*
University of North Carolina/EPA

$271,850

**Mousseau T.**

*The South Carolina Statewide Collaboration (SCSC) Providing Interactive Biology Research Experience to Minority Undergraduates - (FA01)*
National Science Foundation (NSF) - General

$70,000

**Chemistry & Biochemistry**

**Bunz U.**

*Polyphylene Ethymylene - (F184)*
National Science Foundation (NSF) - General

$3,000

**Reger D.**

*Syntheses of Unique Tris(pyrrozolyl) Methane Ligands for the Preparation of New Mono and Multi-Metallic Compounds - (FA11)*
USCRF/National Science Foundation (NSF) - General

$315,000

**Shimizu K.**

*Synthetic Self-Assembling Polyimides - (F175)*
National Science Foundation (NSF) - General

$46,967

**Geological Sciences**

**Kellogg J.**

*Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (J400)*
Elsevier Science, Ltd.

$5,200

**Knapp J.**

**Owens T.**

*Reflections Under the Scottish Highlands (RUSH II): A Broadband Investigation of the Extent and Origin of Upper Mantle Reflectors in Scotland - (FA00)*
National Science Foundation (NSF) - General

$5,700

**Owens T.**

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

$53,250

**Statistics**

**Piegorsch W.**

*Low-Dose Risk Bounds via Simultaneous Confidence Bands - (F137)*
National Cancer Institute/NIH

$108,375
College of Social Work

Social Work, College of

Farber N.

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

Raymond F.

GA: Town of Kershaw - (HP00) $12,048
Town of Kershaw

GA: SC Commission for Minority Affairs - (GP04) $3,009
State of SC Commission for Minority Affairs

GA: The Salvation Army, Inc. - (KP19) $15,060
The Salvation Army, Inc.

GA: Augusta Urban Ministries - (LP05) $3,012
Augusta Urban Ministries

GA: Gaston Residential Services, Inc. - (JP02) $6,759
Gaston Residential Services, Inc.

Wright L.

Interactive Independent Living Training - (FL01) $198,412
Administration for Children & Families/HHS

Darla Moore School of Business

Business Administration - Division Of Research

Roenfeldt R.

GA: Spherion - (JP19) $4,000
Spherion

Rutstrom E.

A Software and Data Library for Experiments, Simulations, and Archiving - (F161) $3,000
National Science Foundation (NSF) - General

Wheeler H.

Workplace Justice without Unions - (KA02) $55,125
W.E. Upjohn Institute for Employment Research

Woodward D.

An Analysis of the South Carolina Budgetary Process - (KA03) $105,382
Palmetto Business Forum
Earth Sciences & Resources Institute

Earth Sciences & Resources Institute

Rine J.

Implementation of a Nonpoint Source Education for Municipal Officials (NEMO) Program - (F146)  
SC Sea Grant Consortium/NOAA  
$43,825

Institute for Families in Society

Families in Society, Institute for

Andrews A.

Center for Family & Society - (K400)  
Nord Family Endowment Fund  
$60,000

Brown E.

Center for Excellence in Early Childhood Professional Development - (G406)  
Winthrop University/SCCHE  
$46,359

Institute of Public Affairs

Public Affairs, Institute of

Kelsey H.

Implementation of a Nonpoint Source Education for Municipal Officials (NEMO) Program - (F117)  
SC Sea Grant Consortium/NOAA  
$5,758

Lind K.

Customer Satisfaction Survey - (GA00)  
SC Employment Security Commission  
$6,873

Pierce J.

Strategic Planning for Dorchester County - (HL00)  
Dorchester County  
$15,000

Norman J. Arnold School of Public Health

Center for Health Services and Policy Research

Murday D.

Evaluation of Medicaid Family Planning Waiver - (FA00)  
SC Department of Health & Human Services/HHS  
$71,067

Environmental Health Sciences

Aelion M.

Urbanization and Southeastern Estuarine Systems - (FA16)  
SC Sea Grant Consortium/NOAA  
$1,604
### Environmental Health Sciences

**Chandler T.**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbanization and Southeastern Estuarine Systems - (FA19)</td>
<td>$1,604</td>
</tr>
<tr>
<td>SC Sea Grant Consortium/NOAA</td>
<td></td>
</tr>
<tr>
<td>Urbanization of Southeastern Estuarine Systems - (FA20)</td>
<td>$1,604</td>
</tr>
<tr>
<td>SC Sea Grant Consortium/NOAA</td>
<td></td>
</tr>
<tr>
<td>Joint USC-Savannah River Ecology Laboratory Faculty Position in Phytoremediation - (FA14)</td>
<td>$8,000</td>
</tr>
<tr>
<td>USCRF/University of Georgia/DOE</td>
<td></td>
</tr>
<tr>
<td>Urbanization of Southeastern Estuarine Systems - (FA15)</td>
<td>$1,604</td>
</tr>
<tr>
<td>SC Sea Grant Consortium/NOAA</td>
<td></td>
</tr>
</tbody>
</table>

**Decho A.**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbanization and Southeastern Estuarine Systems - (FA18)</td>
<td>$1,604</td>
</tr>
<tr>
<td>SC Sea Grant Consortium/NOAA</td>
<td></td>
</tr>
</tbody>
</table>

**McKellar H.**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbanization and Southeastern Estuarine Systems - (FA17)</td>
<td>$1,604</td>
</tr>
<tr>
<td>SC Sea Grant Consortium/NOAA</td>
<td></td>
</tr>
</tbody>
</table>

**Newman L.**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIEHS Superfund Collaboration (Subcontract) - (FA13)</td>
<td>$39,991</td>
</tr>
<tr>
<td>USCRF/University of Washington/NIH</td>
<td></td>
</tr>
</tbody>
</table>

**Porter D.**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of Spatial Models of Specific Receptor Species for Ecological Risk Assessment (Student Training Grant - Savannah River Ecology Laboratory) - (FJ02)</td>
<td>$10,000</td>
</tr>
<tr>
<td>University of Georgia/Savannah River Ecology Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

### Epidemiology & Biostatistics

**Hebert J.**

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase and Provision of Services to Maintain the Alzheimer's Disease Registry and to Provide Educational Training and Program Development and Evaluation - (FA07)</td>
<td>$20,000</td>
</tr>
<tr>
<td>SC Department of Health and Human Services/HHS</td>
<td></td>
</tr>
<tr>
<td>Cluster Software Modification - (FA08)</td>
<td>$40,272</td>
</tr>
<tr>
<td>SC Department of Health &amp; Environmental Control/CDC</td>
<td></td>
</tr>
<tr>
<td>Reducing Disease Risk in Low-Income Postpartum Women - (F113)</td>
<td>$25,099</td>
</tr>
<tr>
<td>USCRF/Harvard University/NICHD</td>
<td></td>
</tr>
<tr>
<td>Cancer Control Plan Support - (FA09)</td>
<td>$50,310</td>
</tr>
<tr>
<td>SC Department of Health and Environmental Control/CDC</td>
<td></td>
</tr>
</tbody>
</table>
Health Administration

Samuels M.

Rural African-American Research Center - (FA00) $34,991
Health Resources & Services Administration/HRSA

Health Promotion & Education

Richter D.

SC Aids Training Network - (FJ01) $20,000
Emory University/HRSA

Sargent R.

GA: Kershaw Community Health Education Contract - (HP01) $12,500
Town of Kershaw

Regional and Four-Year Campuses

USC Beaufort

Quick G.

Researching the Feasibility of Establishing a Reconstruction Heritage Area - (FA00) $1,200
SC Humanities Council/NEH

USC Lancaster

Bailey T.

Student Support Services Program - (FL02) $216,454
US Department of Education

USC Salkehatchie

Thomas A.

Student Support Services Participants - (FL01) $216,454
USC Salkehatchie/USDE

USC Spartanburg

Bohannan P.

Nursing Special Project (93.359) - (F200) $105,942
Health Resources & Services Administration/HRSA

Nursing Education and Research - (K120) $5,000
Carolina Piedmont Foundation

Connelly B.

JM Smith Computer Lab - (K325) $12,000
Carolina Piedmont Foundation

Frye C.

Upward Bound (Title IV) - (FL06) $252,456
US Department of Education
USC Spartanburg
Prince J.

Quality Teaching and Learning - (K328) $10,000
Carolina Piedmont Foundation

Rogers S.

Achieve Program - (FJ01) $242,808
SC Employment Security Commission/DOL

USC Sumter
McLeod E.

Opportunity Scholars Program (TRIO) - (FL00) $216,454
US Department of Education

USC Union
Guthrie J.

Student Support Services Program - (FL00) $216,454
USCRF/US Department of Education

School of Medicine
Developmental Biology & Anatomy
Carver W.

Cardiac Mast Cell: Role in Pathogenesis of Heart Failure - (F180) $115,366
Auburn University/NIH

Family & Preventive Medicine
Keisler D.

Diabetes Initiative of South Carolina - (GL01) $54,546
Medical University of South Carolina

McDermott S.

The South Carolina Disability Project - (FL00) $127,671
Centers for Disease Control (CDC)/HHS

Internal Medicine
Omoigui N.

Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) $725
Vanguard Center - (F102)
University of Texas Health Science Center/NIH

Microbiology & Immunology
Hunt M.

Vitreous Modulation of Retinal Pigment Epithelium Cells - (F173) $252,875
National Eye Institute/NIH
Neuropsychiatry

Hwang T.

A Double-Blind, Placebo-Controlled, Safety, Efficacy and Dose Response Trial of Two Intravenous Doses of BMS-204352 in Patients with Acute Stroke - (J111)
Bristol-Myers Squibb Company

Scully J.

Education, Training and Research - (GL00)
SC Department of Mental Health

$1,500

$50,000

Pediatrics/Center for Developmental Disabilities

Mayfield-Smith K.

Training and Certification for Attendant Care - (FL04)
SC Department of Health & Human Services/HHS

Research & Special Projects

Fowler S.

USC-Bennettsville Rural Primary Care Education Project - (K206)
The Duke Endowment

USC - Kershaw Rural Primary Care Education Project - (K203)
The Duke Endowment

Surgery

Wassermann R.

Cox - 2 and TGFb Isoform Expression in Periprosthetic Capsular Contracture - (KA00)
USCRF/Aesthetic Surgery Education & Research Foundation

Reduction Mammoplasty, Efficacy, Outcomes and Resource Utilization - (KA01)
Southeastern Society of Plastic & Reconstructive Surgeons

School of the Environment

School of the Environment

Barnes P.

ISO 14001 GAP Analysis and Compliance Audit - (JL00)
USCRF/Draxlmaier Automotive of America, LLC

Implementation of ISO 14001 - (JA02)
USCRF/BC Components, Inc.

Owensby B.

MEP Project for D&L Recycling/MSDS Generation at Trimite - (LL00)
USCRF/Trimite Powders/SC Manufacturing Extension Partnership

Grand Total

$6,967,120