

**SPONSORED PROGRAMS and RESEARCH**  
**July 2001**

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**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)* **\$128,178**  
SC Department of Transportation/DOT

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

## *Civil & Environmental Engineering*

### **Rizos D.**

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

## *Computer Science & Engineering*

### **Huhns M.**

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

## *Mechanical Engineering*

### **Khan J.**

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

### **Peters W.**

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

## *SCAMP*

### **Perkins M.**

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

### **White R.**

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

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

*SCAMP*

**Williams A.**

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

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

**College of Hospitality, Retail & Sports Management**

*Center For Retailing Studies*

**Wesley S.**

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

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

**Jordan D.**

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

**College of Liberal Arts**

*Archaeology & Anthropology, Institute of*

**Smith S.**

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

*Geography*

**Carbone G.**

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

**Jensen J.**

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

**Kovacik C.**

*South Carolina Geographic Alliance - (KA00)* **\$25,000**  
National Geographic Society Education Foundation

*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)* **\$500**  
Various Sources

#### Murdaugh C.

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

### Family & Community Health Nursing

#### Glenn K.

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

## College of Pharmacy

### Basic Pharmaceutical Sciences

#### Sowell W.

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

## College of Science and Math

### Baruch Institute

#### Fletcher M.

#### Allen D.

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

### Biological Research & Technology, Institute for

#### Ratner P.

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

### Biological Sciences

#### Benner R.

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

#### Marton L.

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

## Biological Sciences

### Morris J.

*Coastal Wetland Indicators - (FA17)* **\$271,850**  
University of North Carolina/EPA

### Mousseau T.

*The South Carolina Statewide Collaboration (SCSC) Providing  
Interactive Biology Research Experience to Minority  
Undergraduates - (FA01)* **\$70,000**  
National Science Foundation (NSF) - General

## Chemistry & Biochemistry

### Bunz U.

*Polyphethylene Ethylenes - (F184)* **\$3,000**  
National Science Foundation (NSF) - General

### Reger D.

*Syntheses of Unique Tris(pyrazolyl) Methane Ligands for the  
Preparation of New Mono and Multi-Metallic Compounds - (FA11)* **\$315,000**  
USCRF/National Science Foundation (NSF) - General

### Shimizu K.

*Synthetic Self-Assembling Polyimides - (F175)* **\$46,967**  
National Science Foundation (NSF) - General

## Geological Sciences

### Kellogg J.

*Editorship of Elsevier Science Ltd: Journal of South American Earth  
Sciences - (J400)* **\$5,200**  
Elsevier Science, Ltd.

### 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)* **\$5,700**  
National Science Foundation (NSF) - General

### Owens T.

*The South Carolina Earth Physics Project - (GA15)* **\$53,250**  
SC Commission on Higher Education

## Statistics

### Piegorsch W.

*Low-Dose Risk Bounds via Simultaneous Confidence Bands - (F137)* **\$108,375**  
National Cancer Institute/NIH

## **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*

### **Roefeldt 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)* **\$43,825**  
SC Sea Grant Consortium/NOAA

## **Institute for Families in Society**

*Families in Society, Institute for*

### **Andrews A.**

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

### **Brown E.**

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

## **Institute of Public Affairs**

*Public Affairs, Institute of*

### **Kelsey H.**

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

### **Lind K.**

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

### **Pierce J.**

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

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

*Center for Health Services and Policy Research*

### **Murday D.**

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

*Environmental Health Sciences*

### **Aelion M.**

*Urbanization and Southeastern Estuarine Systems - (FA16)* **\$1,604**  
SC Sea Grant Consortium/NOAA

## Environmental Health Sciences

### Chandler T.

<i>Urbanization and Southeastern Estuarine Systems - (FA19)</i> SC Sea Grant Consortium/NOAA	<b>\$1,604</b>
<i>Urbanization of Southeastern Estuarine Systems - (FA20)</i> SC Sea Grant Consortium/NOAA	<b>\$1,604</b>
<i>Joint USC-Savannah River Ecology Laboratory Faculty Position in Phytoremediation - (FA14)</i> USCRF/University of Georgia/DOE	<b>\$8,000</b>
<i>Urbanization of Southeastern Estuarine Systems - (FA15)</i> SC Sea Grant Consortium/NOAA	<b>\$1,604</b>

### Decho A.

<i>Urbanization and Southeastern Estuarine Systems - (FA18)</i> SC Sea Grant Consortium/NOAA	<b>\$1,604</b>
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### McKellar H.

<i>Urbanization and Southeastern Estuarine Systems - (FA17)</i> SC Sea Grant Consortium/NOAA	<b>\$1,604</b>
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### Newman L.

<i>NIEHS Superfund Collaboration (Subcontract) - (FA13)</i> USCRF/University of Washington/NIH	<b>\$39,991</b>
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### Porter D.

<i>Development of Spatial Models of Specific Receptor Species for Ecological Risk Assessment (Student Training Grant - Savannah River Ecology Laboratory) - (FJ02)</i> University of Georgia/Savannah River Ecology Laboratory	<b>\$10,000</b>
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## Epidemiology & Biostatistics

### Hebert J.

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

*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)  
Vanguard Center - (F102)* **\$725**  
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)* **\$1,500**  
Bristol-Myers Squibb Company

### Scully J.

*Education, Training and Research - (GL00)* **\$50,000**  
SC Department of Mental Health

## Pediatrics/Center for Developmental Disabilities

### Mayfield-Smith K.

*Training and Certification for Attendant Care - (FL04)* **\$471,454**  
SC Department of Health & Human Services/HHS

## Research & Special Projects

### Fowler S.

*USC-Bennettsville Rural Primary Care Education Project - (K206)* **\$72,178**  
The Duke Endowment

*USC - Kershaw Rural Primary Care Education Project - (K203)* **\$87,000**  
The Duke Endowment

## Surgery

### Wassermann R.

*Cox - 2 and TGFb Isoform Expression in Periprosthetic Capsular Contracture - (KA00)* **\$5,000**  
USCRF/Aesthetic Surgery Education & Research Foundation

*Reduction Mammoplasty, Efficacy, Outcomes and Resource Utilization - (KA01)* **\$3,764**  
Southeastern Society of Plastic & Reconstructive Surgeons

## School of the Environment

### School of the Environment

### Barnes P.

*ISO 14001 GAP Analysis and Compliance Audit - (JL00)* **\$1,200**  
USCRF/Draxlmaier Automotive of America, LLC

*Implementation of ISO 14001 - (JA02)* **\$13,872**  
USCRF/BC Components, Inc.

### Owensby B.

*MEP Project for D&L Recycling/MSDS Generation at Trimite - (LL00)* **\$4,344**  
USCRF/Trimite Powders/SC Manufacturing Extension Partnership

## Grand Total

**\$6,967,120**