

***SPONSORED PROGRAMS and RESEARCH***  
***Award Activity - February 2003***

**Business, Moore School of**

*Business Administration - Division of Research*

**Roenfeldt, Rodney**

*GA: Palmetto Health - (LP00)* **\$3,012**  
Palmetto Health Richland

*GA: SC Department of Consumer Affairs - (GP14)* **\$1,607**  
SC Department of Consumer Affairs

*GA: United Parcel Service - (JP58)* **\$7,648**  
United Parcel Service

**Schunk, Donald**

*The South Carolina Department of Transportation and its Economic Impact  
on the State of South Carolina - (FA05)* **\$1,351**  
SC Department of Transportation/DOT

**Education, College of**

*Education*

**Ebert, Christine**

*Proposal to Evaluate the Center for Ocean Science Education Excellence  
Central Coordinating Office - (FL00)* **\$40,919**  
USCRF/Consortium for Oceanographic Research/NSF

*Educational Psychology*

**Seaman, Michael**

*Study of the Effects of Arts Education Reform (Year 4) - (FA02)* **\$23,580**  
SC Arts Commission/NEA

*Instruction & Teacher Education*

**Clonts, Christy**

*Exemplary Writing Project - (GL09)* **\$23,000**  
SC Department of Education

**Dickey, Ed**

*Creation of Quality Middle Grade Teacher Training Program - (GJ03)* **\$5,000**  
SC Education Oversight Committee

**Engineering & Information Technology, College of**

*Chemical Engineering*

**Matthews, Michael**

*Material Compatability with Liquid Carbon Dioxide - (JA22)* **\$20,000**  
USCRF/Consolidated Machine Corporation

*Chemical Engineering*

**Van Zee, John**

*I/UCRC Fuel Cell Center - Operating Account - (JA11)* **\$105,000**  
USCRF/Various

*Civil & Environmental Engineering*

**Cooper, Adrienne**

*Alfred P. Sloan Foundation: Recruitment and Retention for Minority Ph.D. Students - (KJ00)* **\$2,000**  
Alfred P. Sloan Foundation./NACME

*Computer Science & Engineering*

**Huhns, Michael**

*USDA Pathogen Information System: Agent-Based Infrastructure and Bayesian Analysis - (FA11)* **\$100,000**  
USCRF/US Department of Agriculture (USDA) - General

*Electrical Engineering*

**Ali, Mohammad**

*Career: Flexible, Ultra-Thin, Packaged Antennas and Arrays for Future Generation Wireless Applications - (FA22)* **\$400,000**  
USCRF/National Science Foundation (NSF) - General

**Seminario, Jorge**

*The Science and Technology of Nano/Molecular Electronics: Theory Simulation and Experimental Characterization (DURINT) - (FA19)* **\$70,000**  
USCRF/Stevens Institute of Technology/ARO/DOD

*Mechanical Engineering*

**Sutton, Michael**

**Reynolds, Anthony**

**Myrick, Michael**

*CNT Size Effects on Polymer Composite Properties - (FA28)* **\$250,000**  
USCRF/National Aeronautics & Space Administration (NASA) - General

**Environment, School of the**

*Environment, School of the*

**Coull, Bruce**

*Distinguished Lecturer in the Environment - (KA00)* **\$126,000**  
USC Education Foundation/SCANA & Rasmussen Foundation

*Sustainable Universities Initiative - (K101)* **\$200,000**  
USC Education Foundation/Kann Rasmussen Foundation

**Davis, Thomas**

*Instrumentation for Educational Fuel Cell in New Green Dormitory on the University of South Carolina Campus - (FA04)* **\$149,755**  
SC Energy Office/DOE

**Families in Society, Institute for**  
*Families in Society, Institute for*  
**Hess, Peg**

*TA to Initiative to Enhance Policies, Programs and Practices Related to Visiting Children in Care - (FL06)* **\$31,000**  
USCRF/City of University of NY (CUNY)/HHS

**Law, School of**  
*Law, School of*  
**Morris, Carolyn**

*Legal Training for DSS Staff and Agents - (FL11)* **\$251,611**  
SC Department of Social Services/HHS

*Match for JAIBG Grant - (GL01)* **\$5,000**  
SC Department of Juvenile Justice

*Operation of Children's Law Office - (FL09)* **\$170,944**  
SC Department of Social Services/HHS

*Support of Children's Justice Act Task Force - (FL10)* **\$88,272**  
SC Department of Social Services/HHS

**Liberal Arts, College of**  
*Geography*  
**Cutter, Susan**

*GIS Support for Livestock and Animal Health Emergencies - (FA14)* **\$13,876**  
USCRF/Clemson University/USDA

**Hodgson, Michael**

*GA: Savannah River Ecology Laboratory/DOE - (FP00)* **\$16,340**  
Savannah River Ecology Laboratory/DOE

**Jakubs, John**

*Francis Marion and Sumter National Forest GIS Digital Update - (FA15)* **\$27,000**  
USCRF/US Forest Service/USDA

**Jensen, John**

**Cowen, David**

*Program for a NASA Affiliated Research Center Program at the University of South Carolina - (F165)* **\$100,000**  
National Aeronautics & Space Administration (NASA) - General

**McKissick Museum**  
**Taylor, Saddler**

*Considerable Grace: Fifteen Years of the South Carolina Folk Heritage Awards - (FA03)* **\$1,200**  
The SC Humanities Council/NEH

*Psychology*

**Flaspohler, Paul**

*Daily Challenges and Coping-Competence - (FA17)* **\$29,838**  
USCRF/National Institute of Mental Health (NIMH)/NIH

**Prinz, Ronald**

*Risk Reduction via Promotion of Youth Development - (FA15)* **\$804,946**  
USCRF/National Institute on Drug Abuse (NIDA)/NIH

*Public Service & Policy Research, Institute for*

**Oldendick, Robert**

*E2SC: Environmental Excellence in SC - (G418)* **\$93,018**  
Hazardous Waste Management Research Fund/SCUREF

*Hazardous Waste Management Research Control Center - (G113)* **\$8,000**  
Hazardous Waste Management Research Fund/SCUREF

**Mass Communications & Information Studies, College**

*Journalism & Mass Communications, School of*

**Bierbauer, Charles**

*Basic Communications Training/March-April - (FL18)* **\$127,597**  
USCRF/Social Security Administration (SSA) - General

**Medicine, School of**

*Cell & Developmental Biology & Anatomy*

**Blake, Charles**

*Estrogen, Gene Expression, and Gonadal Development - (FA11)* **\$75,060**  
USCRF/Benedict College/NICHD/HHS

**Borg, Thomas**

*Integrin Shedding in the Heart: In Vivo and in Vitro - (FA08)* **\$401,250**  
USCRF/National Heart, Lung & Blood Institute/NIH

**Goodwin, Richard**

*The Role of LEK1 in the Proliferation and Differentiation of Cardiac Myocytes - (KA00)* **\$65,000**  
American Heart Association

**Lavoie, Holly**

*Role of Estrogen in Luteal Function - (FA12)* **\$62,558**  
USCRF/Benedict College/NICHD/HHS

## Internal Medicine

### Lin, Tu

*A Randomized Comparator, Controlled, Double-Blinded Study of the Pioglitazone HCl versus Glyburide with Metformin and Insulin as Part of Step Therapy in Subjects with Type 2 (Non-Insulin Dependent) Diabetes - (JA02)* **\$1,914**  
USCRF/Ingenix Pharmaceutical Services

*Eli Lilly B7A-MC-MBBR LY333531 Treatment of Peripheral Neuropathy in Patients with Diabetes-Phase 3 Pivotal Clinical Trial - (JA08)* **\$17,840**  
USCRF/Quintiles, Inc.

*Eli Lilly B7A-MC-MBCW LY333531 Treatment of Symptomatic Peripheral Neuropathy in Patients with Diabetes - (JA10)* **\$12,629**  
USCRF/Quintiles, Inc.

### McFarland, Kay

*Increasing Humanism in Medicine through Brief Clinical Life Review -* **\$24,788**  
USCRF/Arnold P. Gold Foundation

## Ophthalmology

### Pakalnis, V. Al

*Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (JA00)* **\$1,097**  
USCRF/Parexel

## Pediatrics/Developmental Disabilities, Center for

### Lamb, Lawrence

*Targeted Immunotherapy for Acute Lymphoblastic Leukemia - (FA02)* **\$49,980**  
USCRF/National Childhood Cancer Foundation/NIH

### Neuberg, Ronnie

*Affiliate Member Institution Agreement/NCCF - (F132)* **\$6,100**  
National Childhood Cancer Foundation

## Research & Special Projects

### Fowler, Stanley

*SC Consortium for Geriatrics - (L101)* **\$15,000**  
Palmetto Health Richland

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

*The Dean's Rural Primary Care Clerkship - (K207)* **\$64,678**  
Fullerton Foundation, Inc.

**Pharmacy, College of**  
*Basic Pharmaceutical Sciences*  
**Sethuraman, Natharajan**

*Natharjan Bridge Fund - (KA05)* **\$58,910**  
USCRF/USC Research Foundation

**Sowell, J. Walter**

*Biological Evaluation Agreement - (JA01)* **\$2,400**  
USCRF/E.I. DuPont

**Zhu, Bao**

*Selective Induction of Estrogen Conjugative Metabolism - (FA06)* **\$207,100**  
USCRF/National Cancer Institute/NIH

*Palmetto Poison Center*

**Michels, Philip J.**

*Reportable Disease Database Contract - (FL02)* **\$5,000**  
SC Department of Health & Environmental Control/CDC

*Pharmacy Practice*

**Rowen, Randall**

*Clinical Pharmacy Service Contract Agreement - (LL01)* **\$91,250**  
Palmetto Health Richland

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

*Epidemiology & Biostatistics*

**McKeown, Robert**

*GA: SC Department of Health & Environmental Control - (GP10)* **\$5,146**  
SC Department of Health & Environmental Control

*Exercise Science*

**Carson, James**

**Thompson R.**

*Effect of Aging on Inflammation During Skeletal Muscle Regeneration  
Following Functional Overload Induced Injury - (KA06)* **\$5,000**  
USCRF/American Federation for Aging Research

*Health Administration*

**Glover, Sandra**

*GA: SC Campaign to Prevent Teen Pregnancy - (KP05)* **\$1,505**  
SC Campaign to Prevent Teen Pregnancy

**Stoskopf, Carleen**

*GA: Population Council - (FP04)* **\$4,250**  
Population Council/NIH

*Health Promotion, Education & Behavior*

**Richter, Donna**

**Stoskopf, Carleen**

<i>Assessment of Bioterrorism Readiness - (FA18)</i> SC Department of Health & Human Services/CDC	<b>\$51,571</b>
<i>GA: Palmetto Health South Carolina Cancer Center - (LP12)</i> Palmetto Health South Carolina Cancer Center	<b>\$3,000</b>

*Prevention Research Center*

**Ainsworth, Barbara**

<i>SIP14-01: Toward Comprehensive Nutrition and Physical Activity Surveillance - (FA41)</i> USCRF/Harvard School of Public Health/CDC	<b>\$24,131</b>
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**Regional and Four-Year Campuses**

*USC Aiken*

**Priest, Jeffrey**

<i>Gifted and Talented Graduate Course - (GL13)</i> SC Department of Education	<b>\$7,500</b>
<i>Natural Resources Science, Mathematics, Engineering Education Program - (F498)</i> Savannah River Research Institute/US Forest Service/USDA	<b>\$10,000</b>
<i>NRSMEEP/Audubon Partnership - (KL00)</i> USCRF/National Audubon Society	<b>\$25,000</b>

**Smyth, Thomas**

<i>Standards and Assessment Grant Project - (FL15)</i> SC Department of Education/USDE	<b>\$15,000</b>
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**Warrick, Douglas R.**

<i>Strategic Alliance Matching Grant Enhancement Program - (K401)</i> National Collegiate Athletic Association	<b>\$13,264</b>
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*USC Beaufort*

**Brunelli, Leslie**

<i>Rewards for Higher Education Energy Efficiency Projects - (GL03)</i> SC Energy Office/SC Budget & Control Board	<b>\$2,000</b>
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**Quick, Gail**

<i>Jasper County Schools/USC Beaufort Partnership - (HL03)</i> Jasper County School District	<b>\$41,524</b>
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*USC Salkehatchie*

**Rice, Anne**

<i>Lowcountry Leadership - (KL07)</i> USCRF/The Community Foundation-Beaufort Fund	<b>\$8,500</b>
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*USC Spartanburg*  
**Dodd, David**

*Campus Networked Computing Infrastructure Upgrades - (GQ00)* **\$5,000**  
SC Commission on Higher Education

**Science and Mathematics, College of**  
*Biological Sciences*

**Benner, Ronald**

*Collaborative Research: Biogeochemical Cycling of Particulate and  
Dissolved Organic Matter in the Artic Ocean Using Molecular Markers -* **\$97,915**  
USCRF/National Science Foundation (NSF) - General

**Berger, Franklin**

*Genetics of the Hepatic Acute Phase Response - (FA30)* **\$97,253**  
USCRF/Health Research, Inc./NIH

**Dewey, Michael**

*A Genetic Stock Center for Peromyscus - (FA28)* **\$150,019**  
National Science Foundation (NSF) - General

**Woodin, Sarah**

*Real-Time Measurements of Sediment Modification by Large Macrofauna -  
(FA49)* **\$68,404**  
USCRF/Office of Naval Research/DOD

*Chemistry & Biochemistry*

**Scrivens, Walter**

*Investigation of Molecular Imprinted Polymers for Analytical Applications -  
(FA34)* **\$13,825**  
SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE

*Geological Sciences*

**Cohen, Arthur**

*Strategic Improvement Plan Educational Activity: Environmental Science  
Research/Training Activities in the Everglades of Florida - (FJ00)* **\$2,526**  
SC Research Authority/EPA

**Kohn, Matthew**

*SGER: Fossil Bone as a Paleoclimate Indicator - (FA42)* **\$24,570**  
USCRF/National Science Foundation (NSF) - General

## *Geological Sciences*

### **Lakshmi, Venkataraman**

*Extended Validation of AMSR-E Soil Moisture Products (AQUA-0084-0032) - (FA17)* **\$25,790**  
National Aeronautics & Space Administration (NASA) - General

### **Talwani, Pradeep**

*SC Seismic Monitoring Network - (F159)* **\$50,000**  
SC Universities Research & Education Foundation (SCUREF)/DOE

### **Voulgaris, George**

### **Torres, Raymond**

*Intertidal Marsh Hydrology and Geomorphology - (FA43)* **\$110,996**  
USCRF/National Science Foundation (NSF) - General

## *Mathematics*

### **DeVore, Ronald**

*Mathematical Analysis for Data and Image Processing - (FA03)* **\$70,001**  
USCRF/US Army Research Office/DOD

## *Physics & Astronomy*

### **Djalali, Chaden**

*Jefferson Lab SURA Fellowship: Photoproduction of Vector Mesons Off Nuclei - (FA28)* **\$7,200**  
SURAJefferson Laboratory/DOE

### **Prozorov, Ruslan**

*Synthesis and Characterization of New Magnetic Superconductors - (FA27)* **\$7,000**  
USCRF/National Research Council/NSF

## *Science & Math Administration*

### **Crawley, Gerard**

*Grad Portal - (FA01)* **\$147,570**  
USCRF/US Department of Education (USDE) - General

## **Social Work, College of**

### *Social Work, College of*

### **Bond, Pamela**

*Services for Children and Young Adults with Deaf Blindness - (FL12)* **\$25,371**  
SC Department of Education/USDE

### **Ginsberg, Leon**

*GA: Family Counseling Center of the CSRA, Inc - (JP11)* **\$2,258**  
Family Counseling Center of the CSRA, Inc.

### **Wright, Lois**

*Video Production Proposal for Food Service Videos - (FJ06)* **\$190,000**  
SC Department of Social Services/USDA

***Grand Total***

**\$5,783,472**