SPONSORED PROGRAMS and RESEARCH
Award Activity - February 2003

Business, Moore School of
Business Administration - Division of Research

Roenfeldt, Rodney

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

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

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

Schunk, Donald

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

Education, College of
Education

Ebert, Christine

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

Educational Psychology

Seaman, Michael

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

Instruction & Teacher Education

Clonts, Christy

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

Dickey, Ed

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

Engineering & Information Technology, College of
Chemical Engineering

Matthews, Michael

- Material Compatibility with Liquid Carbon Dioxide - (JA22)
  USCRF/Consolidated Machine Corporation
  $20,000
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, Mohammod

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 Rasumssen 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) USCRF/City of University of NY (CUNY)/HHS $31,000

Law, School of Law, School of Morris, Carolyn

Legal Training for DSS Staff and Agents - (FL11) SC Department of Social Services/HHS $251,611
Match for JAIBG Grant - (GL01) SC Department of Juvenile Justice $5,000
Operation of Children’s Law Office - (FL09) SC Department of Social Services/HHS $170,944
Support of Children’s Justice Act Task Force - (FL10) SC Department of Social Services/HHS $88,272

Liberal Arts, College of Geography Cutter, Susan

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

Hodgson, Michael

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

Jakubs, John

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

Jensen, John Cowen, David

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

McKissick Museum Taylor, Saddler

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

**Flaspohler, Paul**

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

**Prinz, Ronald**

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

### Public Service & Policy Research, Institute for

**Oldendick, Robert**

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

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

### Mass Communications & Information Studies, College

**Journalism & Mass Communications, School of**

**Bierbauer, Charles**

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

### Medicine, School of

**Cell & Developmental Biology & Anatomy**

**Blake, Charles**

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

**Borg, Thomas**

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

**Goodwin, Richard**

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

**Lavoie, Holly**

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

**Lin, Tu**

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

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

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

**McFarland, Kay**

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

**Ophthalmology**

**Pakalnis, V. Al**

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

**Pediatrics/Developmental Disabilities, Center for**

**Lamb, Lawrence**

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

**Neuberg, Ronnie**

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

**Research & Special Projects**

**Fowler, Stanley**

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

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

- The Dean's Rural Primary Care Clerkship - (K207)
  Fullerton Foundation, Inc.
  $64,678
Pharmacy, College of
Basic Pharmaceutical Sciences
Sethuraman, Natharajan

Natharjan Bridge Fund - (KA05)
USCRF/USC Research Foundation

Sowell, J. Walter

Biological Evaluation Agreement - (JA01)
USCRF/E.I. DuPont

Zhu, Bao

Selective Induction of Estrogen Conjugative Metabolism - (FA06)
USCRF/National Cancer Institute/NIH

Palmetto Poison Center
Michels, Philip J.

Reportable Disease Database Contract - (FL02)
SC Department of Health & Environmental Control/CDC

Pharmacy Practice
Rowen, Randall

Clinical Pharmacy Service Contract Agreement - (LL01)
Palmetto Health Richland

Public Health, Norman J. Arnold School of
Epidemiology & Biostatistics
McKeown, Robert

GA: SC Department of Health & Environmental Control - (GP10)
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)
USCRF/American Federation for Aging Research

Health Administration
Glover, Saundra

GA: SC Campaign to Prevent Teen Pregnancy - (KP05)
SC Campaign to Prevent Teen Pregnancy

Stoskopf, Carleen

GA: Population Council - (FP04)
Population Council/NIH
Health Promotion, Education & Behavior
Richter, Donna  Stoskopf, Carleen

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

Prevention Research Center
Ainsworth, Barbara

SIP14-01: Toward Comprehensive Nutrition and Physical Activity Surveillance - (FA41)  $24,131
USCRF/Harvard School of Public Health/CDC

Regional and Four-Year Campuses
USC Aiken
Priest, Jeffrey

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

Smyth, Thomas

Standards and Assessment Grant Project - (FL15)  $15,000
SC Department of Education/USDE

Warrick, Douglas R.

Strategic Alliance Matching Grant Enhancement Program - (K401)  $13,264
National Collegiate Athletic Association

USC Beaufort
Brunelli, Leslie

Rewards for Higher Education Energy Efficiency Projects - (GL03)  $2,000
SC Energy Office/SC Budget & Control Board

Quick, Gail

Jasper County Schools/USC Beaufort Partnership - (HL03)  $41,524
Jasper County School District

USC Salkehatchie
Rice, Anne

Lowcountry Leadership - (KL07)  $8,500
USCRF/The Community Foundation-Beaufort Fund
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 - $68,404
(FA49)
USCRF/Office of Naval Research/DOD

Chemistry & Biochemistry

Scrivens, Walter

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

Geological Sciences

Cohen, Arthur

Strategic Improvement Plan Educational Activity: Environmental Science $2,526
Research/Training Activities in the Everglades of Florida - (FJ00)
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)
National Aeronautics & Space Administration (NASA) - General
$25,790

Talwani, Pradeep

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

Voulgaris, George        Torres, Raymond

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

Mathematics

DeVore, Ronald

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

Physics & Astronomy

Djalali, Chaden

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

Prozorov, Ruslan

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

Science & Math Administration

Crawley, Gerard

*Grad Portal - (FA01)*
USCRF/U.S Department of Education (USDE) - General
$147,570

Social Work, College of

Bond, Pamela

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

Ginsberg, Leon

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

Wright, Lois

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

*Grand Total* $5,783,472