SPONSORED PROGRAMS and RESEARCH
December 1999

College of Applied Professions
Applied Professions
Jordan D
- South Carolina Academy of Science Central Office - (G400)
- SC Department of Education

Hotel, Restaurant & Tourism Administration
Pearlman D
- 12,000 Year History Park - (K103)
- The River Alliance

College of Engineering & Information Technology
Chemical Engineering
Amiridis M
- Searching for the Best DeNOx Catalyst - (I119)
- SCRI/WL Gore & Associates, Inc

White R
- DOE/EPSCoR - Human Resource Development - (F181)
- US Department of Energy
- DOE/EPSCoR Research Management - (F182)
- US Department of Energy
- DOE/EPSCoR: Hydrogen Storage/Hydogen Production - (F183)
- US Department of Energy

Civil & Environmental Engineering
Cooper A
- Literature Review in Support of the SCDOT Stormwater Sampling Program - (J114)
- Woolpert LLP

Flora J
- CAREER: Development of Bioelectrochemical Systems for Remediation and Treatment - (F129)
- National Science Foundation

Electrical & Computer Engineering
Dougal R
- Virtual Test Bed for Advanced Electrical Systems - (F170)
- Office of Naval Research

Engineering - Dean's Office
Gibbons J
- SCUREF/DOE Distinguished Scientist - (F119)
- SCUREF/DOE
**Engineering - Dean's Office**

**Ranson W**  
USC School of Information Technology - (G400)  
SC Department of Commerce  
$2,170,000

**Mechanical Engineering**

**Giurgiutiu V**  
Review of Existing Work on "Smart" Control Surfaces - (J149)  
ADC Analysis & Design  
$12,652

**College of Journalism & Mass Communications**

**Journalism & Mass Communications, College of**

**Collins E**  
GA(1): South Carolina Educational Radio - (G716)  
SC Educational Radio  
$1,250

GA(1): Cultural Council of Richland and Lexington Counties - (K713)  
Cultural Council of Richland & Lexington Counties  
$2,000

GA(1): South Carolina Press Association - (K714)  
SC Press Association  
$5,626

**College of Liberal Arts**

**Art**

**Baughman R**  
GA: (1) Palmetto Baptist Medical Center - (L705)  
Palmetto Baptist Medical Center  
$2,058

**Floyd M**  
GA: (1) Columbia Film Society - (K700)  
Columbia Film Society  
$1,600

**Geography**

**Dow K**  
**Carbone G**  
**Cutter S**  
Decision Making and Long-Lead Climate Forecast:A Case Study in Community Water System Management - (F164)  
Penn State University/NOAA  
$33,906

**Jensen J**  
Continuation of the NASA Visiting Investigator Program at USC - (F135)  
NASA  
$47,739

**GIN**

**Hays S**  
GA: (1) State Energy Office - (G741)  
State Energy Office  
$3,182

**History**

**Chesnutt D**  
The Papers of Henry Laurens - (L109)  
Various Sources  
$500

The Papers of Henry Laurens - (L110)  
South Caroliniana Society  
$3,500

**Wilson C**  
The Papers of John Calhoun - (L108)  
Various Sources  
$1,395
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<tr>
<th>Institution</th>
<th>Department</th>
<th>Project Description</th>
<th>Funding Body</th>
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<td>McKissick Museum</td>
<td>Robertson L</td>
<td><strong>Summer Camp for Young People - (G410)</strong></td>
<td>SC Arts Commission</td>
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<td>Psychology</td>
<td>Rowe A</td>
<td><strong>Promoting Accountability - Committed to Effectiveness Project (PACE) - (G106)</strong></td>
<td>SC Department of Juvenile Justice</td>
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<td>Sociology</td>
<td>Faust K</td>
<td><strong>Migration, Contraception, and Social Networks - (F146)</strong></td>
<td>Univ of North Carolina/NIA</td>
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<td>College of Library &amp; Information Science</td>
<td>Williams R</td>
<td><strong>Specialized Information Services - (G403)</strong></td>
<td>SC Department of Health and Environmental Health</td>
<td>$1,948</td>
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<td>College of Nursing</td>
<td>Loquist R</td>
<td><strong>SC Colleagues in Caring Apllication to the Helene Fuld Health Trust - (I100)</strong></td>
<td>SCRI/Helene Fuld Trust</td>
<td>$101,971</td>
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<td>Family &amp; Community Health Nursing</td>
<td>Blackwell D</td>
<td><strong>Gestational Weight Gain Patterns in Adolescent African-American Women - (K104)</strong></td>
<td>SC Nurses Foundation</td>
<td>$1,500</td>
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<td><strong>CASI and Nutrition Education in Pregnant Teens - (K105)</strong></td>
<td>American Nurses Foundation</td>
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<td>Liken M</td>
<td><strong>Sustainable Universities Initiative - (K103)</strong></td>
<td>Kann Rasumssen Fdn</td>
<td>$3,665</td>
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<td>College of Pharmacy</td>
<td>Sowell W</td>
<td><strong>DOW Agro Science Compound Screening Agreement - (J156)</strong></td>
<td>Dow AgroSciences</td>
<td>$900</td>
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<td>Clinical Pharmacy</td>
<td>Voris J</td>
<td><strong>A Detailed Utilization Study of Nefazodone - (J114)</strong></td>
<td>Bristol-Myers Squibb Company</td>
<td>$10,000</td>
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<td>College of Science and Math</td>
<td>Allen D</td>
<td><strong>Supplemental Funding for North Inlet Winyah Bay NERR - (F123)</strong></td>
<td>SC Department of Health and Environmental Control/NOAA</td>
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<td><strong>The Role of Oyster Reefs in the Structure and Function of Tidal Creek Systems - (F166)</strong></td>
<td>Coastal Carolina University/NSF</td>
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**Fletcher M**  
GA: (1) SC Department of Natural Resources - (G707) $6,707  
SC Department of Natural Resources

**Biological Sciences**

**Benner R**  
Cooperative Research on the Isolation and Characterization of Dissolved Organic Matter - (F196) $8,199  
National Science Foundation

**Berger F**  
TS Inhibitors and Cancer Chemotherapy in the MIN Mouse - (F168) $205,764  
National Cancer Institute/NIH

**Hughes A**  
Evolution of Immune Recognition and Evasion - (F194) $25,000  
National Science Foundation

**Chemistry**

**Adams R**  
Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic Synergism and Interface Activity - (F195) $95,000  
US Department of Energy

Catalytic Synthesis of Polythioether Macrocycles From Thietanes and Thiiranes - (F196) $30,000  
National Science Foundation

**Reger D**  
DOE EPSCOR: Hydrogen Storage and Delivery Systems Utilizing Chemical Hydrides - (F169) $140,389  
US Department of Energy

**Geological Sciences**

**Goni M**  
Control of Terrigenous Organic Carbon Inputs to the Gulf of Mexico Over Glacial/Interglacial Scales - (F144) $40,139  
National Science Foundation

Terrestrial Biomarker and Stable Isotope Analyses of Amazon Fan Sediments - A Record of Continental - (K128) $6,024  
Petroleum Research Fund

**Kellogg J**  
Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (J400) $3,500  
Elsevier Science Ltd

**Knapp J**  
Project LITHOCASP - (I174) $21,744  
SCRI/Exxon Ventures (CIS) Inc

**Lakshmi V**  
Coupling Satellite Remote Sensing and Unsteady Flow Modeling for Discharge Estimation - (F173) $22,000  
NASA

**Thunell R**  
Millennial-Scale Variability in Western North Atlantic Intermediate and Deep Water Conditions During MIS 11-12 - (F174) $199,886  
National Science Foundation
**Science & Math Administration**

**Odom J**  
South Carolina DOE/EPSCoR Research Implementation Plan - (F142)  
US Department of Energy  
$19,741

**College of Social Work**  
**Social Work, College of**

**Raymond F**  
Supporting Elementary Education Through School Social Work(DHHS) - (F426)  
SC Department of Health and Human Services/HHS  
$19,754

**Raymond F**  
GA(1): Lowcountry Children's Center, Inc - (K760)  
Lowcountry Children's Center, Inc  
$3,014

GA(1): Lutheran Hospice - (K761)  
Lutheran Hospice  
$1,507

**Social Work, College of**  
GA(1): SC Chapter National Association of Social Workers - (K762)  
SC National Association of Social Workers  
$1,507

**Wright L**  
Supporting Elementary Education through School Social Work (DHEC) - (G420)  
SC Department of Health and Environmental Health  
$15,754

**Wright L**  
Social Work Training for DSS Staff and Agents - (F294)  
SC Department of Social Services/HHS  
$100,000

Consultation with "The Coming Together for Families Project" - (F431)  
SC Department of Social Services/HHS  
$452,979

**Darla Moore School of Business**  
**Business Administration - Division Of Research**

**Markland R**  
GA(1): Thermo-King Columbia, Inc - (J737)  
Thermo-King Columbia, Inc  
$5,000

GA(1): Milhous, DeLoach & Williamson, LLP - (J738)  
Milhous, DeLoach & Williamson, LLP  
$5,310

GA(1): Palmetto Health Foundation - (L701)  
Palmetto Health Foundation  
$3,293

**Rutstrom E**  
POWRE: An Experimental Study of Power, Equity, and Distributional Preferences - (F162)  
National Science Foundation  
$73,557

**Division of Student Affairs**  
**Student Health**

**Phaup T**  
Grant to Combat Violent Crimes Against Women on Campus - (F402)  
US Department of Justice  
$278,360
Institute of Public Affairs
Public Affairs, Institute of

Prince C
SC Nuclear Waste Task Force - (G152)
SC Department of Health and Environmental Control $42,429

Saunders D
Center for Bioethics - (L102)
Palmetto Health Alliance $70,000

School of Medicine
Cell Biology And Neurosciences

Blake C
Toxic and Estrogenic Actions of PCB's in Reproduction - (F177) $53,557
Benedict College/NIH

Millette C
Toxic and Estrogenic Actions of PCB's in Reproduction - (F178) $52,016
Benedict College/NIH

Developmental Biology and Anatomy

Terracio L
Interaction of PDGF and Integrins in the Heart - (F178) $273,982
National Heart, Lung & Blood Institute/NIH

Internal Medicine

Gonzalez F
A Study of the Tolerance and Efficacy of Mito Extra in Patients with Solid Tumors Who Have Failed Previous Therapy - (J134) $21,263
Clinical Research Group

Phase III Double Blind Randomized Placebo-Controlled Study of Porfiromycin When Used as an Adjuvant to Radiation Therapy in Patients with Head and Neck Cancer - (J135) $7,830
Covance

Omoigui N
Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102) $755
University of Texas/NIH

Neuropsychiatry

Hwang T
The Effects of 200mg Citicoline Clinical Outcome and the Evaluation of Lesion Volume in Human Stroke Using Magnetic Resonance Imaging - (J108) $14,475
Quintiles, Inc

Protocol GLYA3002: An International, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess Over 3 Months the Safety, Efficacy and Pharmacoeconomics - (J110) $2,000
GlaxoWellcome

Pediatrics/Center for Developmental Disabilities

Ferrante R
Training Materials and Programs for SCDDSN - (G446) $63,400
SC Department of Disabilities and Special Needs

Mayfield-Smith K
Training and Certification for Attendant Care - (F487) $299,594
SC Department of Health and Environmental Control/HHS
School of Public Health

Environmental Health Sciences

Decho A
Microbial Biofilms: A Parameter Altering the Apparent Optical Properties of Sediments, Seagrasses and Surfaces - (F107)
Office of Naval Research/DOD $51,013

Exercise Science

Durstine L
GA: South Carolina Heart Center - (J705)
South Carolina Heart Center $10,500

Health Administration

Amidon R
GA: (1) SC State Office of Rural Health - (G726)
SC Office of Rural Health $1,506

Glover S
GA: (1) Elliott, Davis & Company, LLP - (J791)
Elliott, Davis & Company, LLP $7,500

Solomon J
GA: (1) Palmetto Richland Memorial Hospital - (L763)
Palmetto Richland Memorial Hospital $10,880

Health Promotion and Education

Gordon A
Signs of Illness, Diagnosis and Treatment Actions for Young Children in Guinea - (I100)
SCRI/Macro International, Inc/ USIA $84,000

Sargent R
GA: (1) Unum Life Insurance Company of America - (J708)
Unum Corporation $9,000

GA: Carolina Care - (L755)
Carolina Care $2,800

GA: (1) SCCC - (L766)
SC Cancer Center $9,026

GA: (1) Greenville Events, Inc - (L767)
Greenville Events, Inc $5,000

Sargent R
GA (1): SC Department of Education - (G747)
SC Department of Education $4,000

Saunders R
GA: (1) American Cancer Society - (K746)
American Cancer Society $1,500

GA: (1) American Cancer Society - (K747)
American Cancer Society $1,500

Prevention Center, The

Ainsworth B
Physical Activity and Inactivity and Child Obesity - A Four County Study - (J102)
University of North Carolina/M&M Mars Corp $16,000

Mayer-Davis E
Strategies for Weight Management in Type 2 Diabetes - (F162)
Center for Disease Control/HHS $512,292
Shepard D
Tenth Annual Prevention Research Centers Scientific Meeting - (F163) $47,000
Center for Disease Control/HHS

School of the Environment
School of the Environment

Warner L
Pay as You Throw Demonstration Project - (G100) $32,246
SC Department of Commerce

University and Four-Year Campuses
Aiken

Alexander R
Aiken County Public School System/Science Center Affiliation - (H403) $50,000
Aiken County School System

Lancaster

Givens C
Student Support Services - (F433) $91,688
US Department of Education

Spartanburg

From H
Quality Child Care Services for Infants and Toddlers - (G449) $5,000
SC Department of Health and Human Services

Turner J
Microbiobial Study - (L101) $680
Milliken