SPONSORED PROGRAMS and RESEARCH
Award Activity December 2002

Business, Moore School of
Business Administration - Division of Research
Teel, Sandra
Customer Input Concerning Highway Maintenance - (FA08)
SC Department of Transportation/DOT
$46,516

Small Business Development Center
Lenti, John
SC Manufacturing Extension Program (SC MEP) - (FL10)
USCRF/SC Manufacturing Extension Partnership/DOC
$20,000

Education, College of
Education Leadership & Policies
Stevenson, Kenneth
Evaluation of the “TECH” Program of the Educational Television Endowment of South Carolina - (FA00)
SCETV/NSF
$19,881

Instruction & Teacher Education
Freeman, Nancy
First Steps Resources for Readiness - (GL11)
USCRF/Richland County First Steps/SC Department of Education
$7,795

Stephens, Diane
SCRI Public Awareness Video - (GL10)
SC Department of Education
$7,000
South Carolina Reading Initiative Training - (GJ02)
SC Department of Education
$76,000

School Improvement Council Assistance
Norman, Jean
Alliance for SC’s Children Parent Involvement Project - (FJ01)
USCRF/The Alliance for SC’s Children/USDE
$12,000

Engineering & Information Technology, College of
Chemical Engineering
Amiridis, Michael
New Heterogeneous Catalyst for Selective Reduction of NOx Emissions to Improve Vehicular Transportation - (F166)
US Department of Energy
$95,000
**Chemical Engineering**

*Van Zee, John*

*I/UCRC Fuel Cell Center - Operating Account* - (JA11)  
USCRF/Various  
$210,000

**Engineering & Information Technology, College of**

*White, Ralph*

*SCUREF Project #16 Distinguished Scientist* - (FA02)  
SC Universities Research and Education Foundation/DOE  
$125,000

**Mechanical Engineering**

*Sutton, Michael  Reynolds, Anthony  Deng, Xiaomin*

*Crack Growth and Stress Intensity Prediction Techniques* - (FA05)  
USCRF/Air Force Research Laboratory/DOD  
$153,999

**Liberal Arts, College of**

*Geography*

*Cutter, Susan*

*Comparative Indicators of Hazards Vulnerability in Urban Areas* - (FA11)  
USCRF/National Science Foundation (NSF) - General  
$13,200

*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  
$25,000

**Philosophy**

*Preston, Christopher  Williams, Douglas*

*Humanizing Environmental Research on the South Carolina Coast* - (FA02)  
USCRF/New Directions Initiative/NSF  
$10,000

**Psychology**

*Prinz, Ronald*

*Risk Reduction via Promotion of Youth Development* - (FA15)  
USCRF/National Institute on Drug Abuse (NIDA)/NIH  
$90,000

**Wandersman, Abraham**

*Formative and Summative Evaluation of SC EPSCoR and BRIN Grants* - (GA01)  
SC Research Authority (SCRA)  
$58,266

*Participatory Research of an Empowerment Evaluation System* - (FA14)  
USCRF/RAND Corporation/CDC  
$135,561
Medicine, School of
Cancer Center, South Carolina

Butler, William

Can Study of Breast Cancer in West Africa Help Explain Ethnic Differences Seen in South Carolina - (KA09) $29,000
Palmetto Health Foundation Breast Health Fund/SC Cancer Center

Internal Medicine
Bryan, Charles

Midlands Care Consortium - ADAP Funds - (FL07) $50,000
SC Department of Health & Environmental Control/HHS
Perinatal HIV Prevention Services - (FL00) $40,000
SC Department of Health & Environmental Control/HHS

Lin, Tu

Eli Lilly B7A-MC-MBBR LY333531 Treatment of Peripheral Neuropathy in Patients with Diabetes-Phase 3 Pivotal Clinical Trial - (JA08) $1,600
USCRF/Quantiles, Inc.

Research & Special Projects
Fowler, Stanley

Greenville Hospital and USC School of Medicine Video Communications $104,116
Corridor Equipment Purchase - (KQ02)
Greenville Hospital System

Howe, Duncan

Parenting Skills Home Visitation Services, Marlboro County First Steps - (GL04) $91,400
Marlboro County First Steps

Surgery
Yost, Michael

Cardiovascular Tissue Engineering - (FA03) $10,837
Medical University of South Carolina/NASA
Cardiovascular Tissue Engineering - (GA00) $6,503
SC EPSCoR

Pharmacy, College of
Pharmacy Practice
Sutton, Scott

An Epidemiological Observational Study of Deep Vein Thrombosis - (JA02) $10,650
USCRF/Genecom
### Language and Pre-literacy Training in Monolingual Hispanic Children, Ages 4 and 5 (GA00)

- **Varne doe, Danielle**
- **Crosby-Quinataoa G.**
- Richland County First Steps/SC Dept of Education
- **Amount:** $7,141

### Epidemiology & Biostatistics

**Cunningham, Joan**
- **GA: Palmetto Health Foundation - (KP03)**
  - Palmetto Health Foundation
  - **Amount:** $2,513

**Hebert, James**
- **Purchase and Provision of Services to Maintain the Alzheimer's Disease Registry and to Provide Educational Training and Program Development and Evaluation - (FA07)**
  - SC Department of Health & Human Services/HHS
  - **Amount:** $576,721

**Smith, Sharon**
- **Factors Effecting Blood Pressure: The Role of Obesity - (FA28)**
  - National Heart, Lung, and Blood Institute (NHLBI)/NIH
  - **Amount:** $17,067

### Exercise Science

**Durstine, John L.**
- **GA: South Carolina Heart Center - (JP05)**
  - SC Heart Center
  - **Amount:** $3,667

**Wilcox, Sara**
- **Factors Influencing Physical Activity among People with Arthritis - (FA10)**
  - USCRF/Association of Schools of Public Health/CDC
  - **Amount:** $112,239

### Health Administration

**Baker, Samuel**
- **GA: South Carolina State Office of Rural Health, Inc. - (JP19)**
  - SC State Office of Rural Health, Inc.
  - **Amount:** $1,500

**Glover, Saundra**
- **GA: Baromedical Research Foundation - (KP01)**
  - Baromedical Research Foundation
  - **Amount:** $2,091
Health Administration

Probst, Janice

GA: Lexington Medical Center - (LP33)
Lexington Medical Center

Stoskopf, Carleen

GA: Kershaw County Medical Center - (LP30)
Kershaw County Medical Center

GA: Lexington Medical Center - (LP32)
Lexington Medical Center

GA: Palmetto Health Richland - (LP31)
Palmetto Health Richland

Prevention Research Center

Parra-Medina D.

Youth Development and Empowerment: South Carolina Legacy - (KA00)
CDC Foundation

Sharpe, Patricia

Evaluation of Automated Systems for Assessing Physical Activity in Specific Environments - (KA05)
USCRF/Robert Wood Johnson Foundation

Impact of HR-HPV Positivity on Women: Formative Research - (FA40)
USCRF/Centers for Disease Control/HHS

Regional and Four-Year Campuses

USC Salkehatchie

Refinetti, Roberto

Circadian Rhythms: Photic Sensitivity and Behavior - (FA00)
USCRF/National Institute of Mental Health (NIMH)/NIH

USC Spartanburg

Smith, Carol

Teacher Cadet Grant - (G206)
SC Center for Teacher Recruitment

Science and Mathematics, College of

Baruch Institute

Lewitus, Alan

A Proposed Harmful Algal Bloom Initiative for South Carolina - (FA39)
SC Department of Natural Resources/NOAA

ECOHAB: Toxic Dinoflagellates and Nutrients: A Regional Comparative Study - (F112)
University of Maryland/NOAA

Reichert, Marcel

Dean, John

IOU Larval/Juvenile Fish Survey: Larval and Juvenile Fish of Bottomland Hardwood Floodplains in the Savannah River Site (SC) - (FA19)
USCRF/University of Georgia/DOE
Biological Sciences

Berger, Franklin

TS Inhibitors and Cancer Chemotherapy in the MIN Mouse - (F168) $224,844
National Cancer Institute (NCI)/NIH

Morris, James

Ecological Models of Marsh Dieback Processes - (FA45) $21,901
USCRF/University of Louisiana/LADNR/NOAA

Chemistry & Biochemistry

Berg, Mark

Ultrafast DNA Dynamics Using Novel Photophysical Probes - (FA03) $193,160
National Institute of General Medical Sciences (NIGMS)/NIH

Dawson, John

Editing: Journal of Inorganic Biochemistry - (J400) $2,834
Elsevier Science

Geological Sciences

Karabanov, Eugene

Decadal to Centennial History of Lena River Discharge to the Arctic Ocean - $257,570
(FA38)
USCRF/National Science Foundation (NSF) - General

Social Work, College of

Social Work, College of

Bond, Pamela

DHEC HABLA Language Assistance Program - (GL04) $120,156
SC Department of Health & Environmental Control

Ginsberg, Leon

Quality Assurance Services for Office of Senior Services and Long Term Care - $108,219
(FL11)
SC Department of Health & Human Services/HHS
Grand Total $4,189,610