

**SPONSORED PROGRAMS and RESEARCH**  
**Award Activity 2003 January**

**Business, Moore School of**  
*Business Administration - Division of Research*

**Lenti, John**

*SBDC-Regional Office - (FL13)*  
Small Business Administration (SBA) - General  
$324,207

**Roenfeldt, Rodney**

*GA: Bowdewell Associates - (JP66)*  
Bowdewell Associates  
$1,005

*GA: Michelin Tire Corporation - (JP64)*  
Michelin Tire Corporation  
$1,125

*GA: Wateree Dive Center, Inc. - (JP67)*  
Wateree Dive Center, Inc.  
$1,004

**Small Business Development Center**

**Lenti, John**

*SBDC Control Center - (FL12)*  
Small Business Administration (SBA) - General  
$170,451

*SBDC Control Center - DLA - (FL14)*  
Defense Logistics Agency/DOD  
$102,255

*SBDC Regional Center - DLA - (FL15)*  
Defense Logistics Agency/DOD  
$48,934

**Education, College of**

*Education*

**Bergen, Timothy**

*Teacher Cadet Program - (G221)*  
SC Center for Teacher Recruitment  
$6,842

**Educational Psychology**

**Drasgow, Erik**

*Establishing the 3 Rs - (FA01)*  
USCRF/University of Illinois/USDE  
$42,578

**Jennings, Louise**

*Investigating Inquiry Based Pedagogies in the Context of Standards Based Reforms - (KA01)*  
National Academy of Education  
$25,000
**Instruction & Teacher Education**  
Brown, Mac  
Freeman, Nancy

- **GA: South Carolina Office of First Steps** - (GP00)  
  South Carolina Office of First Steps  
  $1,500

- **Mediated Studio Training Classroom and Control Room in Research Center** - (FL07)  
  SC Department of Health & Human Services/HHS  
  $199,999

- **To Design and Equip 13 Model Indoor Learning Environments** - (FL09)  
  SC Department of Health & Human Services/HHS  
  $199,999

**School Improvement Council Assistance**  
Norman, Jean

- **School Improvement Council Assistance** - (GL02)  
  EIA-School Improvement Council  
  $138,759

**USC Children’s Center**  
Morton, Beth

- **Quality Child Care Enhancement Project** - (GL00)  
  Richland County First Steps/SC Department of Education  
  $7,500

**Engineering & Information Technology, College of Chemical Engineering**  
Popov, Branko

- **Development of Novel Process for Deposition of Nanostructured Ternary Alloys and Composites for Replacement of Cadmium Coatings** - (FA26)  
  Office of Naval Research/DOD  
  $50,000

- **Performance Study of Lithium/SVO Batteries for Implantable Cardioverter Defibrillators** - (JA21)  
  USCRF/St. Jude Medical  
  $40,001

**Civil & Environmental Engineering**  
Gassman, Sarah

- **CAREER: Extending Non-Destructive Infrastructure Assessment Techniques to Micropile Foundation** - (F138)  
  National Science Foundation (NSF) - General  
  $35,000

**Imran, Jasim**

- **Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels** - (FA13)  
  USCRF/National Science Foundation (NSF) - General  
  $80,363

**Computer Science & Engineering**  
Bowles, John

- **GA: Biowatch Medical** - (JP29)  
  Biowatch Medical  
  $5,002
Computer Science & Engineering
Huhns, Michael

GA: SC Budget and Control Board - (GP09) $14,315
SC Budget & Control Board

OmniSeer: Novel Information from Massive Data - (FA10) $50,000
USCRF/Global Infotek, Inc.

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

Zachary, John

Evaluation and Analysis of the Therminator Anomaly Detection System - $30,005
USCRF/Penn State University/ONR/DOD

Electrical Engineering
Khan, Asif

High PRF Ultraviolet Detectors Based on Quarternary AlInGaN Layers and Heterojunctions - (FA05) $7,153
National Aeronautics & Space Administration (NASA) - General

Mechanical Engineering
Sutton M.

NASA EPSCoR - Year 5 - (FA19) $140,602
SC Research Authority/NASA

Environment, School of the
Environment, School of the
Barnes, Phil

State-Level DOD Facility EMS/ISO 14001 Implementation (Tier 1) - (FL04) $13,095
USCRF/University of Louisville/US Army/DOD

State-Level DoD Facility EMS/ISO 14001 Implementation (Tier 2) - (FL05) $49,978
USCRF/University of Louisville/US Army/DOD

Families in Society, Institute for
Families in Society, Institute for
Brown, Elsbeth

Catawba Head Start - (FL04) $51,305
USCRF/Catawba Indian Nation/HHS

Gibson, Renée

Brooklyn Family Tale Outreach Grant - (KL03) $2,000
The Annie E. Casey Foundation
Law, School of Law, School of
Byars, William

Status Offender Audit - (FL08) $9,750
SC Department of Public Safety

Morris, Carolyn

IOLTA-Services for Lawyers and Guardians ad Litem - (KL08) $65,000
USCRF/SC Bar Association

Robinson, Pamela

University of South Carolina School of Law Pro Bono Program - (KL09) $44,881
USCRF/SC Bar Association

Liberal Arts, College of
Archaeology & Anthropology, Institute of
Brooks, Mark

Cultural Resource Management on the SRS - (F110) $150,000
US Department of Energy (DOE) - General

Smith, Sharon

Historical Background Revision Project, Fort Leonard Wood - (FA15) $5,802
USCRF/US Army CERL/DOD

Programmatic Agreement Workshop for SCARNG - (GA07) $12,690
SC Army National Guard

Geography
Hodgson, Michael

GIS and Remote Sensing Characterization of South Carolina Bottom Land Forests - (KA03) $18,418
The Nature Conservancy

Jensen, John

Monitoring Coastal Wetland Change and Modeling Ecosystem Health in SC - (FA05) $51,329
SC Research Authority/NASA

Government & International Studies
Schneider, Saundra

GA: South Carolina Energy Office - (GP04) $3,417
SC Energy Office

GA: South Carolina Respite Coalition - (KP00) $1,344
SC Respite Coalition
History

Weyeneth, Robert

GA: SC Department of Archives and History - (GP15)
SC Department of Archives & History

$4,523

Psychology

Mactutus, Charles

Prenatal Cocaine Exposure and Attentional Dysfunction - (FA16)
USCRF/Cornel University/National Institute on Drug Abuse/NIH

$235,014

Wandersman, Abraham

Web-based IT Solution for Outcome-Based Prevention - (FA10)
USCRF/Kit Solutions/NIH

$29,234

Public Service & Policy Research, Institute for

Bryan, Charles

Center for Bioethics - (L102)
Palmetto Health Alliance

$55,000

Oldendick, Robert

GA: SC Department of Health & Environmental Control - (GP00)
SC Department of Health & Environmental Control

$9,000

Steagall, Christine

SC Environmental Symposium - (GL08)
Hazardous Waste Management Research Fund/SCUREF

$41,601

Mass Communications & Information Studies, College

Journalism & Mass Communications, School of

Bierbauer, Charles

Basic Communications Training/February - (FL17)
USCRF/Social Security Administration (SSA) - General

$127,598

Basic Communications Training/January - (FL16)
USCRF/Social Security Administration (SSA) - General

$63,799

Collins, Erik

GA: Central Carolina Community Foundation - (KP06)
Central Carolina Community Foundation

$2,500

Library & Information Sciences, School of

Douglas, Gayle

GA: Richland County Public Library - (HP03)
Richland County Public Library

$3,609

GA: University Center of Greenville - (LP05)
University Center of Greenville

$4,625
**Medicine, School of**  
*Cancer Center, South Carolina*  

**Butler, William**  

*New Approaches to Inhibition of Human Thymidylate Synthase* - (KA10)  
Palmetto Health Foundation  

$4,500

*New Approaches to Inhibition of Human Thymidylate Synthase* - (KA11)  
Palmetto Health Foundation  

$4,500

**Fowler, Stanley**  

*Genetic Profiling of Breast Cancer in African-Americans in South Carolina* - (KA00)  
Palmetto Health Foundation  

$39,540

**Xie, Da-wen**  

*Research Support* - (KA12)  
Palmetto Health Foundation/SC Cancer Center  

$35,000

**Young, Robert**  

*Gene-Expression Profiles of Carcinoma in Situ and Invasive Breast Cancer in African American Women* - (KA13)  
Palmetto Health Foundation/SC Cancer Center  

$15,000

**Family & Preventive Medicine**  

**Bostick, Robert**  

*Soy Isoflavones and Cell Proliferation* - (FA05)  
USCRF/National Cancer Institute (NCI)/NIH  

$93,924

**Internal Medicine**  

**Moloo, Jamal**  

*Outtarget/Transcend* - (JA09)  
USCRF/Hamilton Health Services/Boehringer Ingleheim Pharmaceuticals  

$7,500

**Neuropsychiatry**  

**Jerrell, Jeanette**  

*Comparative Effectiveness of Antipsychotic Medications Among African Americans* - (JA00)  
USCRF/Lilly Research Laboratories  

$105,190

**Ophthalmology**  

**Pakalnis, V. Al**  

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

$10,742
Pathology & Microbiology

Ghaffar, Abdul

Efficacy of the Polymeric Microsphere Encapsulated Vaccine Stimulate Antibody Production and Resistance - (FA02)
USCRF/Vasmo, Inc./DOD

$16,473

Nachtigal, Maurice

The Effect of Acetaminophen on the Development of Atherosclerosis in Appolipoprotein E Deficient Mice - (JA01)
USCRF/McNeil Consumer & Speciality Pharmaceuticals

$60,000

Pediatrics/Developmental Disabilities, Center for

Schwartz, I. David

Kabi International Growth Study - (JA02)
USCRF/Pharmacia Corporation

$1,100

Surgery

Nottingham J.

Clinical Protocol for a Double-Blind Multicenter Study of the Safety and Efficacy of Parecoxib - (JA02)
USCRF/Pharmacia Corporation

$1,500

Nursing, College of

Family & Community Health Nursing

Andrews, Jeannette

Sister to Sister: Helping Low-Income Women Quit Smoking - (FA00)
USCRF/National Institute of Nursing Research (NINR)/NIH

$29,192

Public Health, Norman J. Arnold School of

Communication Sciences & Disorders

Martin, Judith             Frank, Elaine

USC Stuttering Institute - Fluency Roundup - (FJ00)
SC Department of Education/HHS

$4,000

Environmental Health Sciences

Feigley, Charles

Graduate Education in Industrial Hygiene - (FJ03)
National Institute for Occupational Safety & Health (NIOSH)/HHS

$69,044

Epidemiology & Biostatistics

Lawson, Andrew

Geographic Tools for Surveillance and Study of Disease - (FA21)
USCRF/Robert Wood Johnson Foundation/NIH

$48,493

Mayer-Davis E.

Diabetes Prevention Program Diet Assessment - (FA20)
USCRF/The George Washington University/HHS

$76,852
Epidemiology & Biostatistics
McKeown, Robert

  GA: SC Department of Health & Environmental Control - (GP09)  $4,357
  SC Department of Health & Environmental Control

Exercise Science
Pate, Russell

  Physical Activity in Preschool Children - (FA11)  $357,398
  USCRF/National Institute of Child Health & Human Development (NICHD)/NIH

Health Administration
Glover, Saundra

  GA: Baromedical Research Foundation - (KP01)  $4,444
  Baromedical Research Foundation

  GA: SC Hospital Association - (KP04)  $2,500
  SC Hospital Association

Probst, Janice

  GA: Palmetto GBA - (JP20)  $4,200
  Palmetto GBA

  GA: SC Budget and Control Board - (GP05)  $16,770
  SC Budget and Control Board

  GA: SC Department of Health & Environmental Control - (GP04)  $2,668
  SC Department of Health & Environmental Control

Health Promotion, Education & Behavior
Richter, Donna

  GA: Baromedical Research Foundation - (KP05)  $2,416
  Baromedical Research Foundation

  GA: Carolina Cares - (JP22)  $1,500
  Carolina Cares

  GA: Companion HealthCare - (JP23)  $4,502
  Companion HealthCare

  SC Perinatal HIV Prevention Project - (FJ00)  $10,000
  SC Department of Health & Environmental Control/HHS

Valois, Robert

  The South Carolina Youth Risk Behavior Study - (FA19)  $7,772
  SC Department of Education/HHS

Health Services & Policy Research, Center for
Woods, John

  Center for Health Services and Policy Research - (LA01)  $35,796
  Palmetto Health Alliance

  Center for Health Services and Policy Research - Quality Management -  $100,000
  Palmetto Health Alliance
Prevention Research Center
Ainsworth, Barbara

Supplement to Environmental Physical Prevalence Study - (KA06)
USCRF/San Diego State University Foundation/R. Wood Johnson Foundation

$50,000

Public Health, Norman J. Arnold School of - (Dean)
Pastides, Harris

Columbia Area Public Health Professional Partnership - (K200)
Robert Wood Johnson Foundation

$67,763

Regional and Four-Year Campuses

USC Aiken
Cubbedge, Frankie

DOE Public Documents Reading Room - (F407)
Savannah River Operations/DOE

$39,453

Priest, Jeffrey

NSF/SC DoEd Special Projects - (FL14)
SC Department of Education/NSF

$85,000

USC Beaufort
Yanker, Marge

Beaufort Yesterday and Today: The Reconstruction Era - (HL07)
Beaufort County Council

$15,000

USC Lancaster
Stinson, Margaret

Child and Adult Care Food Program - (FL05)
SC Department of Social Services/USDA

$17,718

USC Salkehatchie
Rice, Anne

Character Education - (FL05)
Office of the Governor/HHS

$11,145

Summer Scholars - (KL06)
USCRF/The Community Foundation

$2,500

USC Spartanburg
Fadel, Jim

USC Spartanburg Americorp - (FL18)
SC Commission on National & Community Service

$65,921
USC Spartanburg

Ferrell, Jim

UCG Nursing Program - (KJ02)
Carolina Piedmont Foundation

$200,000

Hightower, Mary Lou

Advanced Placement Graduate Institute in Studio Art - (GJ03)
SC Department of Education

$12,294

Turner, Jack

Watershed Ecology Center Education Program - (KL00)
Carolina Piedmont Foundation

$2,500

Young, Arlene

Revenue Account for USC Spartanburg AmeriCorps - (LL02)
AmeriCorps

$37,256

Revenue Account for USC Spartanburg AmeriCorps - Member Support -
AmeriCorps

$12,516

USC Spartanburg AmeriCorps-Other Member Support - (FL19)
AmeriCorps

$61,101

Science and Mathematics, College of
Baruch Institute

Porter D.

SC NASA EPSCoR Grant - (FA20)
SC Research Authority

$41,850

Porter, Dwayne

Assessing Community Level Mapping Needs at McCrady Training Center -
Office of Adjutant General

$81,084

Development of an Automated Mapping Technique for Monitoring and
Managing Shellfish Resources - (FA40)
USCRF/GeoMetrics/NOAA

$99,266

Biological Sciences

Morris, James

Succession of Tidal Freshwater Wetlands on the Cooper River, SC:
Ecological Functions and Management Alternatives - (FA47)
SC Sea Grant Consortium/NOAA

$50,000
Biological Sciences

Mousseau, Timothy

Collaborative Research: Reproductive Behavior and Immune Disease - USCRF/National Science Foundation (NSF) - General

Reisman, David

Transcriptional and Oncogenic Activities of Mutations in the p53 Tumor Suppressor - (KA00)
Elsa U. Pardee Foundation

Waldman, Alan

Effects of Gravity on DNA Transactions in Mammalian Cells - (FA46)
USCRF/National Aeronautics & Space Administration (NASA) - General

Chemistry & Biochemistry

Adams, Richard

Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic Synergism and Interface Activity - (F195)
US Department of Energy (DOE) - General

Bryson, Thomas

A.P. Sloan Foundation Recruiting Support for Chemistry and Biochemistry - (KJ00)
Alfred P. Sloan Foundation

Dawson, John

Editing: Journal of Inorganic Biochemistry - (J400)
Elsevier Science, Inc.

Genge, Brian

Scholarly Activities Related to Medicinal Biochemistry and Power Leisure - (JA02)
USCRF/Competitive Technologies

Wuthier, Roy

Salvatore, Brian

Total Synthesis of Fusarchromanone and New Analogs for Probing Anti-Cancer Activity - (FA21)
EPSCoR-BRIN Collaborative Research Program/NSF

Geological Sciences

Kellogg, James

Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (J400)
Elsevier Science Ltd.

Moore, Willard

Collaborative Research: Chemistry of Groundwater Transport Pathways Associated with a Coastal Lagoon System - (FA41)
USCRF/National Science Foundation (NSF) - General
**Geological Sciences**

Voulgaris, George

*Student Participation to SECOS Conference - (GA19)*
SC EPSCoR Program

$2,586

**Physics & Astronomy**

Djalali, Chaden

*Implementation of the Polarized HD Target at the Thomas Jefferson National Accelerator Facility - (FA12)*
USCRF/US Department of Energy (DOE) - General

$146,769

Johnson, Joseph

*South Carolina Firefighter Mobilization System - (GA04)*
SC Department of Labor, Licensing & Regulation

$82,000

Kunchur, Milind

*Transport Behavior of Superconductors at High Dissipative Currents - (F129)*
US Department of Energy (DOE) - General

$3,300

**Statistics**

Habing, Brian

*2003 Advanced Placement Teacher Institute in Statistics - (GJ02)*
South Carolina Department of Education

$12,029

**Social Work, College of**

Social Work, College of

Bond, Pamela

*Social Work Training for DSS Staff and Agents - (FJ03)*
SC Department of Social Services/HHS

$3,823,854

*The Purchase of Educational Services to Acquire the Master of Social Work Degree - (FJ05)*
SC Department of Health & Human Services/HHS

$331,551

Ginsberg, Leon

*GA: Asheville City Schools - (HP04)*
Asheville City Schools

$1,500

*GA: Palmetto Health - (LP17)*
Palmetto Health

$3,780

*GA: SC Department of Health & Environmental Control - (GP13)*
SC Department of Health & Environmental Control

$1,500
Social Work, College of
  GA: Trident United Way - (KP63) $3,718
  Trident United Way
  GA:SC Department of Health & Environmental Control - (GP14) $6,667
  SC Department of Health & Environmental Control

Student Affairs, Division of
  Student Health
    Gardner, Marcous

    Building Healthy Campus Communities - (FL02) $6,260
      USCRF/American College Health Association/CDC

Grand Total $10,248,761