

SPONSORED PROGRAMS and RESEARCH
Award Activity 2003 January

Business, Moore School of

Business Administration - Division of Research

Lenti, John

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

Roenfeldt, Rodney

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

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

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

Small Business Development Center

Lenti, John

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

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

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

Education, College of

Education

Bergen, Timothy

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

Educational Psychology

Drasgow, Erik

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

Jennings, Louise

*Investigating Inquiry Based Pedagogies in the Context of Standards Based
Reforms - (KA01)* \$25,000
National Academy of Education

Instruction & Teacher Education

Brown, Mac

Freeman, Nancy

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

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

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

School Improvement Council Assistance

Norman, Jean

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

USC Children's Center

Morton, Beth

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

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) **\$50,000**
Office of Naval Research/DOD

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

Civil & Environmental Engineering

Gassman, Sarah

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

Imran, Jasim

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

Computer Science & Engineering

Bowles, John

GA: Biowatch Medical - (JP29) **\$5,002**
Biowatch Medical

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 Litme - (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, Sandra

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) **\$4,523**
SC Department of Archives & History

Psychology

Mactutus, Charles

Prenatal Cocaine Exposure and Attentional Dysfunction - (FA16) **\$235,014**
USCRF/Cornel University/National Institute on Drug Abuse/NIH

Wandersman, Abraham

Web-based IT Solution for Outcome-Based Prevention - (FA10) **\$29,234**
USCRF/Kit Solutions/NIH

Public Service & Policy Research, Institute for

Bryan, Charles

Center for Bioethics - (L102) **\$55,000**
Palmetto Health Alliance

Oldendick, Robert

GA: SC Department of Health & Environmental Control - (GP00) **\$9,000**
SC Department of Health & Environmental Control

Steagall, Christine

SC Environmental Symposium - (GL08) **\$41,601**
Hazardous Waste Management Research Fund/SCUREF

Mass Communications & Information Studies, College

Journalism & Mass Communications, School of

Bierbauer, Charles

Basic Communications Training/February - (FL17) **\$127,598**
USCRF/Social Security Administration (SSA) - General

Basic Communications Training/January - (FL16) **\$63,799**
USCRF/Social Security Administration (SSA) - General

Collins, Erik

GA: Central Carolina Community Foundation - (KP06) **\$2,500**
Central Carolina Community Foundation

Library & Information Sciences, School of

Douglas, Gayle

GA: Richland County Public Library - (HP03) **\$3,609**
Richland County Public Library

GA: University Center of Greenville - (LP05) **\$4,625**
University Center of Greenville

Medicine, School of

Cancer Center, South Carolina

Butler, William

New Approaches to Inhibition of Human Thymidylate Synthase - (KA10) **\$4,500**
Palmetto Health Foundation

New Approches to Inhibition of Human Thymidylate Synthase - (KA11) **\$4,500**
Palmetto Health Foundation

Fowler, Stanley

Genetic Profiling of Breast Cancer in African-Americans in South Carolina - (KA00) **\$39,540**
Palmetto Health Foundation

Xie, Da-wen

Research Support - (KA12) **\$35,000**
Palmetto Health Foundation/SC Cancer Center

Young, Robert

Gene-Expression Profiles of Carcinoma in Situ and Invasive Breast Cancer in African American Women - (KA13) **\$15,000**
Palmetto Health Foundation/SC Cancer Center

Family & Preventive Medicine

Bostick, Roberd

Soy Isoflavones and Cell Proliferation - (FA05) **\$93,924**
USCRF/National Cancer Institute (NCI)/NIH

Internal Medicine

Moloo, Jamal

Outtarget/Transcend - (JA09) **\$7,500**
USCRF/Hamilton Health Services/Boehringer Ingleheim Pharmaceuticals

Neuropsychiatry

Jerrell, Jeanette

Comparative Effectiveness of Antipsychotic Medications Among African Americans - (JA00) **\$105,190**
USCRF/Lilly Research Laboratories

Ophthalmology

Pakalnis, V. Al

Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (JA00) **\$10,742**
USCRF/Parexel

Pathology & Microbiology

Ghaffar, Abdul

Efficacy of the Polymeric Microsphere Encapsulated Vaccine Stimulate Antibody Production and Resistance - (FA02) **\$16,473**
USCRF/Vasmo, Inc./DOD

Nachtigal, Maurice

The Effect of Acetaminophen on the Development of Atherosclerosis in Appolipoprotein E Deficient Mice - (JA01) **\$60,000**
USCRF/McNeil Consumer & Speciality Pharmaceuticals

Pediatrics/Developmental Disabilities, Center for

Schwartz, I. David

Kabi International Growth Study - (JA02) **\$1,100**
USCRF/Pharmacia Corporation

Surgery

Nottingham J.

Clinical Protocol for a Double-Blind Multicenter Study of the Safety and Efficacy of Parecoxib - (JA02) **\$1,500**
USCRF/Pharmacia Corporation

Nursing, College of

Family & Community Health Nursing

Andrews, Jeannette

Sister to Sister: Helping Low-Income Women Quit Smoking - (FA00) **\$29,192**
USCRF/National Institute of Nursing Research (NINR)/NIH

Public Health, Norman J. Arnold School of

Communication Sciences & Disorders

Martin, Judith

Frank, Elaine

USC Stuttering Institute - Fluency Roundup - (FJ00) **\$4,000**
SC Department of Education/HHS

Environmental Health Sciences

Feigley, Charles

Graduate Education in Industrial Hygiene - (FJ03) **\$69,044**
National Institute for Occupational Safety & Health (NIOSH)/HHS

Epidemiology & Biostatistics

Lawson, Andrew

Geographic Tools for Surveillance and Study of Disease - (FA21) **\$48,493**
USCRF/Robert Wood Johnson Foundation/NIH

Mayer-Davis E.

Diabetes Prevention Program Diet Assessment - (FA20) **\$76,852**
USCRF/The George Washington University/HHS

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, Sandra

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 -
Palmetto Health Alliance \$100,000

Prevention Research Center

Ainsworth, Barbara

Supplement to Environmental Physical Prevalence Study - (KA06) **\$50,000**
USCRF/San Diego State University Foundation/R. Wood Johnson Foundation

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

Pastides, Harris

Columbia Area Public Health Professional Partnership - (K200) **\$67,763**
Robert Wood Johnson Foundation

Regional and Four-Year Campuses

USC Aiken

Cubbedge, Frankie

DOE Public Documents Reading Room - (F407) **\$39,453**
Savannah River Operations/DOE

Priest, Jeffrey

NSF/SC DoEd Special Projects - (FL14) **\$85,000**
SC Department of Education/NSF

USC Beaufort

Yanker, Marge

Beaufort Yesterday and Today: The Reconstruction Era - (HL07) **\$15,000**
Beaufort County Council

USC Lancaster

Stinson, Margaret

Child and Adult Care Food Program - (FL05) **\$17,718**
SC Department of Social Services/USDA

USC Salkehatchie

Rice, Anne

Character Education - (FL05) **\$11,145**
Office of the Governor/HHS

Summer Scholars - (KL06) **\$2,500**
USCRF/The Community Foundation

USC Spartanburg

Fadel, Jim

USC Spartanburg Americorp - (FL18) **\$65,921**
SC Commission on National & Community Service

USC Spartanburg

Ferrell, Jim

UCG Nursing Program - (KJ02) **\$200,000**
Carolina Piedmont Foundation

Hightower, Mary Lou

Advanced Placement Graduate Institute in Studio Art - (GJ03) **\$12,294**
SC Department of Education

Turner, Jack

Watershed Ecology Center Education Program - (KL00) **\$2,500**
Carolina Piedmont Foundation

Young, Arlene

Revenue Account for USC Spartanburg AmeriCorps - (LL02) **\$37,256**
AmeriCorps

Revenue Account for USC Spartanburg AmeriCorps - Member Support - **\$12,516**
AmeriCorps

USC Spartanburg AmeriCorps-Other Member Support - (FL19) **\$61,101**
AmeriCorps

Science and Mathematics, College of

Baruch Institute

Porter D.

SC NASA EPSCoR Grant - (FA20) **\$41,850**
SC Research Authority

Porter, Dwayne

Assessing Community Level Mapping Needs at McCrady Training Center - **\$81,084**
(GA00)
Office of Adjutant General

Development of an Automated Mapping Technique for Monitoring and **\$99,266**
Managing Shellfish Resources - (FA40)
USCRF/GeoMetrics/NOAA

Biological Sciences

Morris, James

Succession of Tidal Freshwater Wetlands on the Cooper River, SC: **\$50,000**
Ecological Functions and Management Alternatives - (FA47)
SC Sea Grant Consortium/NOAA

Biological Sciences

Mousseau, Timothy

Collaborative Research: Reproductive Behavior and Immune Disease - **\$92,652**
USCRF/National Science Foundation (NSF) - General

Reisman, David

Transcriptional and Oncogenic Activities of Mutations in the p53 Tumor **\$91,208**
Suppressor - (KA00)
Elsa U. Pardee Foundation

Waldman, Alan

Effects of Gravity on DNA Transactions in Mammalian Cells - (FA46) **\$281,469**
USCRF/National Aeronautics & Space Administration (NASA) - General

Chemistry & Biochemistry

Adams, Richard

Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic **\$125,000**
Synergism and Interface Activity - (F195)
US Department of Energy (DOE) - General

Bryson, Thomas

A.P. Sloan Foundation Recruiting Support for Chemistry and Biochemistry - **\$4,000**
(KJ00)
Alfred P. Sloan Foundation

Dawson, John

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

Genge, Brian

Scholarly Activities Related to Medicinal Biochemistry and Power Leisure - **\$10,000**
(JA02)
USCRF/Competitive Technologies

Wuthier, Roy

Salvatore, Brian

Total Synthesis of Fusarchromanone and New Analogs for Probing **\$24,914**
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 **\$5,200**
- (J400)
Elsevier Science Ltd.

Moore, Willard

Collaborative Research: Chemistry of Groundwater Transport Pathways **\$154,273**
Associated with a Coastal Lagoon System - (FA41)
USCRF/National Science Foundation (NSF) - General

Geological Sciences

Voulgaris, George

Student Participation to SECOS Conference - (GA19) **\$2,586**
SC EPSCoR Program

Physics & Astronomy

Djalali, Chaden

Implementation of the Polarized HD Target at the Thomas Jefferson National Accelerator Facility - (FA12) **\$146,769**
USCRF/US Department of Energy (DOE) - General

Johnson, Joseph

South Carolina Firefighter Mobilization System - (GA04) **\$82,000**
SC Department of Labor, Licensing & Regulation

Kunchur, Milind

Transport Behavior of Superconductors at High Dissipative Currents - (F129) **\$3,300**
US Department of Energy (DOE) - General

Lacey, Christina

A High Resolution, Multi-Wavelength Survey of Nearby Galaxies: X-ray Observations - (FA26) **\$12,765**
USCRF/Smithsonian Astrophysical Observatory/NASA

Analysis of the RPS97 Galaxy Sample: Diffuse Emission - (FA25) **\$9,250**
USCRF/Smithsonian Astrophysical Observatory/NASA

Statistics

Habing, Brian

2003 Advanced Placement Teacher Institute in Statistics - (GJ02) **\$12,029**
South Carolina Department of Education

Social Work, College of

Social Work, College of

Bond, Pamela

Social Work Training for DSS Staff and Agents - (FJ03) **\$3,823,854**
SC Department of Social Services/HHS

The Purchase of Educational Services to Acquire the Master of Social Work Degree - (FJ05) **\$331,551**
SC Department of Health & Human Services/HHS

Ginsberg, Leon

GA: Asheville City Schools - (HP04) **\$1,500**
Asheville City Schools

GA: Palmetto Health - (LP17) **\$3,780**
Palmetto Health

GA: SC Department of Health & Environmental Control - (GP13) **\$1,500**
SC Department of Health & Environmental Control

Social Work, College of

GA: Trident United Way - (KP63)

Trident United Way

\$3,718

GA:SC Department of Health & Environmental Control - (GP14)

SC Department of Health & Environmental Control

\$6,667

Student Affairs, Division of

Student Health

Gardner, Marcous

Building Healthy Campus Communities - (FL02)

USCRF/American College Health Association/CDC

\$6,260

Grand Total

\$10,248,761