College of Criminal Justice
Criminal Justice, College of
Miller M.

An Assessment of Gang Presence and Activities in Richland and Lexington Counties - (FA04)
$47,796
SC Department of Public Safety/DOJ

College of Education
Educational Psychology
Johnson R.

Development of South Carolina Standards-based Arts Assessment in Dance and Drama - (GL04)
$45,000
SC Department of Education

Seaman M.

The Effects of Arts Education Reform - (GA05)
$11,858
SC Department of Education

Physical Education
French K.

USDA Summer Feeding Program - (FL01)
$300,000
SC Department of Social Services/USDA

College of Engineering & Information
Chemical Engineering
Amiridis M.

Parametric Studies of BASF’s Purification Catalysts - (J145)
$94,319
USCRF/BASF Corporation

Popov B.

Electroless Deposition of Zn Silicate Coatings in Presence of Additives -
$26,000
USCRF/Elisha Technologies Co. LLC

Van Brunt V.

Solid-Liquid Separation Studies for Two Mixtures of Monosodium Titanate with Simulated Sludge for Salt Disposition at SRS - (FA00)
$288,265
SC Universities Research & Education Foundation (SCUREF)/DOE
Civil & Environmental Engineering
Chaudhry M.

Hydraulic Modeling of Proposed Bridge over Twelve Mile Creek, Lancaster County, SC - (JA03) $18,000
USCRF/The LPA Group Incorporated

Computer Science & Engineering
Fenner S.

Quantum Complexity, Algorithms, and Primitives - (FA07) $75,124
USCRF/Army Research Office/DOD

Huhns M.

GA: SC Department of Health & Environmental Control - (GP04) $2,000
SC Department of Health & Environmental Control

Electrical Engineering
Simin G.

Solar-Blind AlInGaN Optoelectronic Transistor Arrays (STTRPhase II - SET Inc) - (FA12) $120,000
USCRF/Sensor Electronic Technology, Inc./ONR/DOD

AlInGaN-Based Dual Ultraviolet/Infrared Detectors - (FA13) $30,000
USCRF/Sensor Electronic Technology, Inc./ARO/DOD

Mechanical Engineering
Sutton M.

Development and Application of 3-D Measurement Methodologies at Reduced Length Scales - (FA21) $239,305
USCRF/National Science Foundation (NSF) - General

College of Liberal Arts
Archaeology & Anthropology, Institute of
Brooks M.

SRARP Excavation at the SRS PCDF Facility - (FA12) $230,000
US Department of Energy

Smith S.

Consultation for Camden Battlefield - (FA13) $13,114
USCRF/Palmetto Conservation Foundation/DOI

Native American Consultation Spring Meeting Assistance - (GL01) $10,030
SC Army National Guard
Comparative Literature
Miller P.

The Desire of the Analysts: Psychoanalysis and Cultural Criticism in the New Millennium - (FL00)
SC Humanities Council/NEH $1,200

Government & International Studies
Songer D.

Collaborative Research: Fitting More Pieces into the Puzzle of Judicial Behavior: A Multi-Country DataBase and Program of Research - (F138)
National Science Foundation (NSF) - General $7,500

Institute for Southern Studies
DePratter C.

Santa Elena Project - (K103)
USCRF/Anonymous Sponsor $22,150

International Studies, Institute of
Rosati J. Puchala D.

2002 Fulbright American Studies Institute on US Foreign Policy: Foundations and Formulation - (FL00)
USCRF/US Department of State $181,767

Shin E.

Fulbright Hays Group Project Abroad: Korea and South Carolina -
USCRF/US Department of Education $71,000

Public Service & Policy Research, Institute for
Bryan C.

Center for Bioethics - (L102)
USC School of Medicine Educ. Trust/Palmetto Health Alliance $45,000

Oldendick R.

Carolina SAFE Project - (LL06)
USCRF/University of North Carolina $21,139

College of Pharmacy
Basic Pharmaceutical Sciences
Wang D.

Effects of Dioxins (TCDD) on Cardiac Ion Channels - (FA01)
National Institute of Environmental Health Sciences/NIH $108,000
College of Science and Math

Baruch Institute

Morris J.

* LTER: Plum Island Sound Comparative Ecosystem Study - (F107)  
  Marine Biological Laboratory/NSF  
  $69,083

Quattro J.

* Marine Evolutionary Ecotoxicology-Using Genomics and Population Genetic Theory to Infer the Impact of Contaminants on Natural  
  SC Sea Grant Consortium/NOAA  
  $38,791

Biological Sciences

Benner R.

* Organic Matter Preservation: Microbial Contributions and the Role of Tannin - (KA02)  
  USCRF/Petroleum Research Fund/ACS  
  $80,000

Berger F.

* Genetics of the Hepatic Acute Phase Response - (FA30)  
  USCRF/Health Research, Inc./NIH  
  $94,001

Dewey M.

* Mouse Models of Longevity Genes - (F103)  
  USCRF/University of Kentucky/NIH  
  $100,135

Helmut B.

* Physical Ecology of the Rocky Intertidal: Predicting Patterns in Invertebrate Body Temperatures - (F102)  
  National Science Foundation (NSF) - General  
  $8,625

Marton L.

* Remediation of Haloorganic Pollutants with Spartina Alterniflora - (KA02)  
  SC Sea Grant Consortium/NOAA  
  $65,000

Morris J.

* Sediment Accretion in North Inlet Salt Marshes - (F197)  
  US Geological Survey/DOI  
  $31,623

* Succession of Tidal Freshwater Wetlands on the Cooper River, SC: Ecological Functions and Management Alternatives - (FA32)  
  SC Sea Grant Consortium/NOAA  
  $65,296
**Biological Sciences**

*Patel R.*

*Regulation of Smooth Muscle Proliferation* - (F198)
National Heart, Lung & Blood Institute/NIH  
$216,750

**Chemistry & Biochemistry**

*Dawson J.*

*Editing: Journal of Inorganic Biochemistry* - (J400)
Elsevier Science, Inc.  
$4,234

**Shaw T.**  **Chandler T.**

*A Novel Foraminiferal Based Method to Determine Sublethal Toxicological Risks of Metal Mixtures in Estuarine Sediments* - (FA19)
SC Sea Grant Consortium/NOAA  
$59,090

**Wuthier R.**  **Salvatore B.**

*Total Synthesis of Fusarchromanone and New Analogs for Probing Anti-Cancer Activity* - (FA21)
EPSCoR/BRIN/NSF  
$20,000

**zur Loye H.**

*A Joint Francis Marion University/University of South Carolina Program to Synthesize and Characterize New Organic/Inorganic Coordination Framework Materials* - (FA20)
EPSCoR/BRIN/NSF  
$20,000

**Geological Sciences**

*Goni M.*

*A Multidisciplinary Approach to Quantify and Model the Transport and Deposition of Organic Pollutants in Coastal Environments* - (FA25)
SC Research Authority/EPA  
$80,651

**Lakshmi V.**

*Studies of Combined Passive and Active Soil Moisture Sensing* - (FA28)
National Aeronautics & Space Administration (NASA)  
$41,000

**Moore W.**

*Groundwater-Derived Nitrogen and Phosphorus Inputs to the Satilla River Estuary: Impact on Coastal Ecosystem Health* - (FA29)
SC Sea Grant Consortium/NOAA  
$26,390

**Torres R.**

*Characterization of Estuarine Channel Networks* - (FA12)
National Oceanic & Atmospheric Administration (NOAA)  
$17,500
Geological Sciences
Yogodzinski G.

The Korovin Geological Mapping Project - (FA09)  $4,537
US Geological Survey/DOI

Physics & Astronomy
Djalali C.

Jefferson Lab SURA Fellowship: Photoproduction of Vector Mesons Off Nuclei - (FA14)  $7,200
SURA/Jefferson Laboratory/DOE

Statistics
Pena E.

Adaptive Goodness-of-Fit Tests, Recurrent Event Models, and Models with Alternative Time-Scales - (FA03)  $12,704
National Science Foundation (NSF) - General

College of Social Work
Social Work, College of
Raymond F.

GA: Trident United Way - (KP34)  $5,015
Trident United Way

Institute for Families in Society
Families in Society, Institute for
Andrews A.

Evaluation and Technical Assistance to the Duke Endowment - (K113)  $250,000
The Duke Endowment

Hess P.

Technical Assistance in an Initiative to Enhance Policies, Programs, and Practices Related to Visiting of Children in Care - (FA10)  $21,932
USCRF/Research Foundation of CUNY/HHS

Technical Assistance in an Initiative to Enhance Policies, Programs and Practices Related to Visiting Children in Care - (FA09)  $2,285
USCRF/Research Foundation of CUNY/HHS

Moore School of Business
Business Administration - Division Of Research
Schunk D.

The South Carolina Department of Transportation and its Economic Impact on the State of South Carolina - (FA05)  $31,253
SC Department of Transportation/DOT
Norman J. Arnold School of Public Health
Communication Sciences & Disorders

Healy E.

Speech Perception by Normal and Impaired Listeners - (FA00)
USCRF/National Inst. of Child Health & Human Development/NIH

$72,417

Environmental Health Sciences

Newman L.

Phytoremediation - (FA33)
USCRF/University of Washington/NIH

$41,175

Epidemiology & Biostatistics

Hebert J.

Reducing Disease Risk in Low-Income Postpartum Women - (F113)
USCRF/Harvard University/NICHD

$12,529

Mayer-Davis E.

Multi-Ethnic Study of Atherosclerosis-Diet Assessment Center - (F110)
USCRF/University of Washington/NIH

$136,705

Look Ahead - (FA16)
USCRF/Wake Forest/NIH

$82,902

Health Promotion & Education

Neal A.

National Youth Sports Program - (FL02)
SC Department of Alcohol & Other Drug Abuse Services/DOJ

$20,000

Prevention Research Center

Ainsworth B.

Women's Cardiovascular Health Network Project - (KA04)
USCRF/Saint Louis University/R.W. Johnson Foundation

$50,000

Shepard D.

CVH Training and Evaluation - (FL03)
SC Department of Health & Environmental Control/HHS

$60,000

Regional and Four-Year Campuses

USC Beaufort

Callahan C.

Sponsorship of Milton's Masque/3 Performances - (HL04)
Beaufort County

$11,500
USC Beaufort

Chamberlain E.

The Palmetto Electric Trust Library Sponsorship - (KL04) $20,000
Palmetto Electric Trust

VanParreren S.

The Diamondback Terrapin Project - (KL05) $4,500
Anonymous Sponsor

The Terrapin Project - A Community-Based Educational Project that Looks at the Impact of Turtle Excluder Devices in Diamondback Terrapin (Malaclemys terrapin) and Blue Crab (Callinectes sapidus) Capture - USCRF/PADI Foundation $5,500

USC Salkehatchie

Cox R.

Salkehatchie Summer Scholars 2002 - (KL02) $28,000
USCRF/Gaylord & Dorothy Donnelley Foundation

USC Spartanburg

Adair C.

Bridges to Success in Mathematics - (FL11) $5,808
SC Commission on Higher Education/USDE

Love C. From H.

USDA Food Service Program - Henderson Center - (FL16) $5,000
SC Department of Social Services/USDA

First Steps Child Care Enhance Application - Henderson Center - Spartanburg First Steps Region Two $3,571

Smith C.

Teacher Cadet Grant - (G206) $1,393
SC Center for Teacher Recruitment

Turner J.

Microbiobial Study - (L101) $1,800
Milliken & Company

School of Medicine

Developmental Biology & Anatomy

Borg T.

Dynamic Interaction of ECM and Cardiac Fibroblast - (F177) $136,984
National Heart, Lung & Blood Institute/NIH

Integrin Shedding in the Heart: In vivo and in vitro - (FA08) $361,250
USCRF/National Heart Lung & Blood Institute/NIH
**Family & Preventive Medicine**

**McDermott S.**

*Developmental Disabilities-Subcontract with DDSN - (FA04)*
SC Department of Disabilities & Special Needs/HHS  
$2,000

*The South Carolina Disability and Health Project - (FL02)*
USCRF/Centers for Disease Control/HHS  
$100,000

**Internal Medicine**

**Moloo J.**

*Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT)*
Vanguard Center - (F102)  
University of Texas/NIH  
$345

**Microbiology & Immunology**

**Ghaffar A.**

*Efficacy of the Polymeric Microsphere Encapsulated Vaccine Stimulate Antibody Production and Resistance - (FA02)*
USCRF/Vasmo, Inc./DOD  
$23,263

**Obstetrics & Gynecology**

**Best R.**

*South Carolina Neural Tube Defect Surveillance, Prevention, and Research Initiative - (F100)*
Greenwood Genetic Center/CDC  
$59,000

**Research & Special Projects**

**Faulkner L.**

*The Dean's Rural Primary Care Clerkship - (K208)*
The Duke Endowment  
$200,000

**Fowler S.**

*South Carolina Consortium for Cardiovascular Disease and Stroke - (FA04)*
Palmetto Richland Memorial Hospital  
$10,000

*SC Consortium for Geriatrics - (L101)*
Palmetto Richland Memorial Hospital  
$7,500

**Howe D.**

*Anti-Smoking Education Program Directed at Pre-Teen Children - (FA04)*
American Cancer Society  
$7,792

*Parenting Skills Home Visitation - (GL03)*
Marlboro County First Steps  
$88,400
Surgery
Bell R.

Trauma Care Surgical Fellowship for South Carolina - (KL00)  $198,000
USCRF/Fullerton Foundation

Yost M.

Tissue Engineered Artificial Myocardium - (FA00)  $155,088
National Heart, Lung, & Blood Institute/NIH

School of Music
School of Music
Valerio W.

Music Technology Institute - (GJ00)  $35,937
Winthrop University/SC Department of Education

School of the Environment
Earth Sciences & Resources Institute
Waddell M.

Non-Invasive for Determination of the Location & Distribution ofFree-Phase DNAPL's by Science Reflection Techniques - (F142)  $174,988
USCRF/US Department of Energy

School of the Environment
Mousseau T.

Mutation Rates and Fitness in the Barn Swallows of Chernobyl - (FA02)  $9,000
USCRF/National Science Foundation - General (NSF)

Vice President for Research
NanoCenter
Khan A.

Nanochemical Resonators for In-Situ Sensors - (FA16)  $65,200
USCRF/Jet Propulsion Laboratory/NASA

Grand Total  $5,579,209