Business and Finance

Recycling & Waste Management

Pergolizzi L.

*Purchase of Recycling Bins - Part II - (GL01)*
Palmetto Pride/SC Governor's Office

$10,000

College of Education

Educational Psychology

Hult R.

*A Study of Professional Development Schools; Student Achievement; Teacher Quality and Teacher Recruitment - (LA01)*
National Education Association

$17,000

Yell M. Drasgow E. Marshall K.

*Preparing Future Teachers of Students with Emotional and Behavioral Disorders - (F250)*
US Department of Education

$197,677

*Project Respect: Retaining Special Education Teachers’ - (F145)*
US Department of Education

$148,721

Instruction & Teacher Education

Baker H.

*Writing Improvement Network - (GL08)*
EIA/SC Department of Education

$50,000

Brown M.

*Graduate Coursework and Certification for Early Childhood Faculty and Mentors - (FJ03)*
SC Department of Health & Human Services/HHS

$329,789

Physical Education

Mensch J.

*GA: Cardinal Newman School - (KP02)*
Cardinal Newman School

$6,000

*GA: Richland SD#2 - (HP02)*
Richland County School District One

$12,000
SC Educational Policy Center
Monrad D.

An Investigation of Technical Issues Related to the SC Accountability System - $100,000 (GA04)
SC Department of Education

College of Engineering & Information Technology
Chemical Engineering
Gadala-Maria F.

Coagulation of Latex - (JA09) $33,453
USCRF/Fuji Photo Film, Inc.

Van Zee J.

Testing of Gas Diffusion Media Performance Using Mathematical Models - $27,327 (JA04)
USCRF/W.L. Gore & Associates, Inc.

Computer Science & Engineering
Huhns M.

Robust Software with Errors Through Team-Oriented Programming - $52,011 (FA00)
National Science Foundation (NSF) - General

Electrical Engineering
Dougal R.

USC Participants in Electric Ship Research and Development Consortium - $1,210,697 (FA17)
USCRF/Florida State University/ONR

Khan A.

High PRF Ultraviolet Detectors Based on Quarternary AlInGaN Layers and Heterojunctions - $212,290 (FA05)
National Aeronautics & Space Administration (NASA) - General

Manufacturing and Lifetime Testing of Novel Insulating Gate GaN-AlGaN FET Devices and Circuits - $1,025,000 (FA15)
USCRF/US Army Space & Missile Defense Command/DOD

Seminario J.

Nanocell Approach to a Molecular Computer - $131,096 (FA04)
Defense Advanced Research Projects Agency/DOD

Simin G.

WBGS Epitaxial Materials Development and Scaleup for rf/Micro-wave Millimeter Wave Devices - $825,000 (FA16)
USCRF/Defense Advanced Research Projects Agency (DARPA)/DOD
Electrical Engineering

Sudarshan T.

Silicon Carbide Growth Modeling, Material Processing and Characterization - (FA14) $726,283
USCRF/Office of Naval Research/DOD

Silicon Carbide Materials Research & Technology Development - (F169) $40,523
USCRF/Office of Naval Research

Engineering & Information Technology, College of White R.

Mariner Command Bridge Project - (GA08) $10,000
SC Manufacturing Extension Partnership

Mechanical Engineering

Lyons J. Ebert C.

GK-12 Engineering Fellowships to Enhance Science Education in South Carolina Schools - (FJ00) $422,811
National Science Foundation (NSF) - General

Peters W. Craig N.

NSF Graduate Research Fellowship Award - (FA24) $32,000
National Science Foundation (NSF) - General

Reynolds A.

Structural Amorphous Metals - (FA23) $7,596
USCRF/Howmet Corporation/DARPA

Rocheleau D.

Acquisition of Brown and Sharpe Coordinate Measurement Machine - (JQ00) $7,000
USCRF/Brown & Sharpe, Inc.

Intel Corporation Participation - Acquisition of Brown & Sharpe Coordinate Measurement Machine - (JQ01) $5,000
USCRF/Intel Corporation

College of Hospitality, Retail & Sports Management

Hospitality, Retail & Sports Mgmt - Dean's Office Jordan D.

South Carolina Academy of Science Central Office - (G400) $65,000
SC Academy of Science/SC Department of Education

Williams H.

National Writing Project: Santee-Wateree - (F408) $25,000
National Writing Project/USDE
College of Journalism & Mass Communications

Journalism & Mass Communications, College of

Collins E.

GA: Central Carolina Community Foundation - (KP04) $2,500
Central Carolina Community Foundation

College of Liberal Arts

Anthropology

Adams J.

Migration, Flows and Intergenerational Processes - (FA00) $72,250
USCRF/National Institute of Child Health and Human Development (NICHD)/NIH

Archaeology & Anthropology, Institute of

Smith S.

Curation Assessment and ICRMP Revisions - (GA03) $10,886
SC National Guard

Art

Streible D.

Orphan Film Symposium - (FL01) $12,600
SC Humanities Council/NEH

English

Cowart D.

New Americans: Recent Immigrant Writing - (FA01) $40,000
National Endowment for the Humanities

Geography

Dahlman C.

Remaking Bosnia: The International Community and the Returnee Policy $11,732
Process in Three Bosnian Localities - (FA08)
USCRF/National Science Foundation (NSF) - General

Kovacik C.

Integrating Geography, Science and Mathematics - (KA02) $49,257
USCRF/National Geographic Education Society

History

Grier K.

GA: Historic Columbia Foundation - (KP06) $6,993
Historic Columbia Foundation

GA: Historic Columbia Foundation - (KP07) $6,993
Historic Columbia Foundation
History

GA: Historic Columbia Foundation - (KP08) $6,993
Historic Columbia Foundation

GA: SC Confederate Relic Room and Museum - (GP12) $6,018
SC Confederate Relic Room and Museum

GA: South Carolina Confederate Relic Room and Museum - (GP13) $6,620
SC Confederate Relic Room and Museum

Taylor C.

The Papers of Henry Laurens - (FA02) $7,679
National Historical Publications

Wilson C.

The Papers of John C. Calhoun - (FA03) $40,000
USCRF/National Historical Publications & Records

Institute for Southern Studies

Brown T.

Conference on Brown v. Board of Education Semicentennial Essay Collection - (FL00) $2,500
USCRF/Virginia Foundation for the Humanities/NEH

International Studies, Institute of

Shin E.

Fulbright Hays Group Project Abroad: Korea and South Carolina - (LL00) $4,500
USCRF/US Department of Education

Naval Science

Moon V.

NROTC Educational Instruction: Calculus and Physics - (FJ03) $1,000
US Navy/DOD

Psychology

Booze R.

HIV/Cocaine Neurotoxicity in Females - (FA09) $50,000
USCRF/National Institutes of Health (NIH) - General

Follingstad D.

GA: Department of Family & Preventive Medicine - (LP05) $13,000
Family & Preventive Medicine

GA: Lexington County Community Mental Health Center - (GP07) $12,538
Lexington County Community Mental Health Center/SC

GA: Palmetto Health Alliance - (LP07) $25,000
Palmetto Health Alliance
Psychology
GA: SC Department of Mental Health - (GP08) $20,060
SC Department of Mental Health

GA: The Nurturing Center - (KP01) $15,040
The Nurturing Center

Huebner E.

GA: Pine Grove School - (J728) $48,000
Pine Grove School

Lugo J. Kelly S.

Alcohol Exposure, Social Behavior and the Amygdala - (F147) $24,263
National Institute on Alcohol Abuse & Alcoholism/NIH

Schatz J.

Anemia Brain Functioning and Cognitive Development in Children with Sickle Cell Disease - (KA01) $149,970
USCRF/March of Dimes

Public Service & Policy Research, Institute for

Lind K.

Section 319 Nonpoint Source Program - (FA06) $9,387
SC Department of Health & Environmental Control/EPA

College of Library & Information Science
Library & Information Science, College of

Douglas G.

GA: Lexington Medical Center - (LP02) $1,706
Lexington Medical Center

College of Nursing
Academic & Student Affairs

Loquist R.

Colleagues in Caring - (L101) $743
Various Sources

College of Pharmacy
Basic Pharmaceutical Sciences

Zhu B. Lee A.

Effects of Naturally-Occurring Estrogen-Fatty Acid Esters on Mammary Cell Growth and Carcinogenesis in Female Rats - (FA03) $43,670
USCRF/Army Medical Research/DOD

Studies on the Novel Anticancer Agents Metabolically Formed from 17B-Estradiol - (FA02) $43,670
USCRF/Army Medical Research/DOD
Pharmacy & Health Outcomes Sci.

Reeder C.

Estimation of Average Dispensing Cost and Drug Acquisition Cost South Carolina Medicaid Drug Program - (FA01)
SC Department of Health & Human Services Finance Commission/HHS $30,500

Shinogle J.

Effects of Patient Cost-Sharing on Utilization and Cost in Managed Care - (KA01)
USCRF/PhRMA Foundation $30,000

College of Science and Math

Baruch Institute

Fletcher M.

North Inlet-Winyah Bay NERR - (FA29)
USCRF/National Oceanic and Atmospheric Administration (NOAA) $548,360

Lewitus A.

Assessing Risks of Pfiesteria and Other Toxic Algal Blooms in South Carolina - (FA25)
SC Department of Health & Environmental Control/HHS $149,830

Biological Sciences

Boggs K.

Understanding the Control of p53 Transcription: A Crucial Factor in the Genesis of Breast Cancer - (FA35)
USCRF/Army Medical Research/DOD $61,000

Bolander F.

Research Support for Institutional Review Board Chair - (KA03)
USC Research Foundation $2,500

Dewey M.

A Genetic Stock Center for Peromyscus - (FA28)
National Science Foundation (NSF) - General $22,132

Peromyscus Laboratory Models for Biomedical Research - (FA36)
USCRF/National Center for Research Resources/NIH $179,848

Mousseau T.

The South Carolina Statewide Collaboration (SCSC) Providing Interactive Biology Research Experience to Minority Undergraduates - (FA01)
National Science Foundation (NSF) - General $70,000
Chemistry & Biochemistry

Baynes J.

Glycation of Protein in Diabetes - (FA26)  
USCRF/National Institutes of Health $25,000

Bunz U.

ADIMET: A Tool for the Synthesis of Alkyne-Briged Polymers - (FA18)  
USCRF/National Science Foundation (NSF) - General $5,000

Functional Ortho-Phenyleneethynylenes - (FA23)  
USCRF/National Science Foundation (NSF) - General $100,284

Dawson J.

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

Spectroscopic and Mechanistic Studies of Heme Enzymes - (F104)  
National Institute of General Medical Sciences/NIH $245,409

Spectroscopic and Mechanistic Studies of Heme Enzymes - (FA10)  
National Institute of General Medical Science/NIH $35,884

Wuthier R. Salvatore B.

Total Synthesis of Fusarchromanone and New Analogs for Probing Anti-Cancer Activity - (FA21)  
EPSCoR/BRIN/NSF $30,000

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 $30,000

NSF Summer Program in Solid State Chemistry for Undergraduate Students and College Faculty - (FL00)  
USCRF/Clemson University/NSF $16,902

Synthesis of Functionalized Organic-Inorganic Coordination Polymers - (KA05)  
American Chemical Society $8,000

Geological Sciences

Kellogg J.

Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (J400)  
Elsevier Science Ltd. $10,400

Owens T.

The Lithospheric Structure of the Indian Subcontinent - (F186)  
National Science Foundation (NSF) - General $73,851
Geological Sciences
Williams D.

Servicing May River Gages - (FA31)  
US Geological Survey  
$12,376

Marine Science
Feller R.

Sean Courtney Undergraduate Internship - (GA00)  
SC Department of Natural Resources  
$2,625

Mathematics
Filaseta M.  Meade D.

On the Factorization of Lacunary Polynomials - (FA05)  
USCRF/National Science Foundation (NSF) - General  
$151,151

Temlyakov V.

Greedy Approximation - (FA06)  
USCRF/National Science Foundation (NSF) - General  
$33,500

Physics & Astronomy
Anandan J.

Quantum Coherence - (FA16)  
USCRF/National Science Foundation (NSF) - General  
$66,200

Avignone F.

Ultra Low Level Gamma Counting Technology - (FA18)  
SC Universities Research & Education Foundation (SCUREF)/DOE  
$69,457

Blanpied G.

GEANT Simulations for Cosmic Ray Imaging for Stockpile Management-  
contract #49123 - (FA17)  
USCRF/Los Alamos National Laboratory/DOE  
$13,750

Johnson J.

Grants Administration Software System - (KA00)  
USC Research Foundation  
$50,000

Image and Database System Development and Management Contract - (G102)  
SC Ethics Commission  
$5,000

Kulkarni V.

The Evolution of Stars and Metals in Galaxies: An Optical/Infrared Study of  
Quasar Absorption Lines - (FA19)  
USCRF/National Science Foundation (NSF) - General  
$155,682
Physics & Astronomy
Rosenfeld C.

2002 Support for Carolina Quarknet Lead Teachers - (FL00)
USCRF/Fermilab/DOE

Tedeschi D. Djalali C. Preedom B.

Study of Nuclear Physics with Intermediate Energy Probes - (F146)
National Science Foundation (NSF) - General

Science & Math Administration
Crawley G.

Internationalizing a Science-Business Master's Program - (FA00)
US Department of Education

Statistics
Edwards D.

GA: Arcadia Analytics, LLC - (JP00)
Arcadia Analytics, LLC

GA: SC Education Oversight Commission - (GP01)
SC Education Oversight Commission

Grego J.

GA: Center One - Soldier Support Institute - (FP04)
Fort Jackson/DOD

West W. Lynch J.

DoStat.com: A New Environment for Educational Data Analysis - (FA09)
USCRF/National Science Foundation (NSF) - General

College of Social Work
Social Work, College of
Farber N.

Community Alliance for Pregnancy Prevention (CAPPE) - (KL05)
USCRF/Self Family Foundation

Raymond F.

GA: Americorp NCCC - (FP00)
Americorp NCCC

GA: Children Unlimited, Inc. - (KP50)
Children Unlimited, Inc.

GA: Family Service Center - (KP45)
Family Service Center

GA: Family Service Center - (KP48)
Family Service Center
Social Work, College of
  GA: Our Lady of Mercy Community Outreach, Inc. - (KP49)  $3,009
  Our Lady of Mercy Community Outreach Services, Inc.

  GA: Senior Primary Care Practice - (LP09)  $1,504
  Senior Primary Care Practice

  GA: South Carolina Department of Mental Health - (GP10)  $99,297
  SC Department of Mental Health

  GA: Trinity Housing - (KP47)  $3,009
  Trinity Housing

Raymond R.
  GA: People Against Rape - (KP46)  $3,009
  People Against Rape

Tirrito T.
  SC Consortium of Geriatric Education Centers Grant - (FL09)  $3,240
  Medical University of South Carolina/NIH

Wright L.
  Program Evaluation Services - (FA03)  $89,173
  Richland County School District One/USDE

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

    SC Special Population Needs Assessment for Homeless Persons - (LA00)  $10,000
    USCRF/Frances Allison Close

Norman J. Arnold School of Public Health
  Environmental Health Sciences
    Chandler T.

      Joint USC-Savannah River Ecology Laboratory Faculty Position in Phytoremediation - (FA14)  $30,000
      USCRF/University of Georgia/DOE

Feigley C.
  GA: Azimuth, Inc. - (JP00)  $5,200
  Risk Tech, L.L.C.

Epidemiology & Biostatistics
  Liese A.

    Dietary Glycemic Index in Relation to the Metabolic Syndrome: An Ancillary Study to the Insulin Resistance Artherosclerosis Study (IRAS) - (KA00)  $99,890
    USCRF/American Diabetes Association
**Exercise Science**

**Brown A.**

*Effects of Gender and Fatiguing Exercise on Immune Function* - (KA02)  
USCRF/American College of Sports Medicine  
$4,957

**McClung J.**

*RhoA Localization and Activation during Skeletal Muscle Atrophy* - (KA04)  
USCRF/American College of Sports Medicine  
$2,500

**Murphy E.**

*Effects of Exercise and OBG on Immunity in Elderly Mice* - (KA03)  
USCRF/American College of Sports Medicine  
$4,610

**Health Administration**

**Glover S.**

*GA: Lexington Medical Center* - (LP22)  
Lexington Medical Center  
$1,500

*GA: South Carolina Hospital Association* - (KP00)  
SC Hospital Association  
$1,500

**Norman J. Arnold School of Public Health - Dean**

**Addy C.**

*Public Health Traineeships* - (FJ03)  
Department of Health & Human Services/HHS  
$39,471

**Kayman S.**

*White Paper on Nutrition for the Mary Black Foundation Board of Trustees* - (KA00)  
USCRF/Mary Black Foundation  
$5,000

**Prevention Research Center**

**Macera C.**

*Analysis of Survey Data for the Cooper Institute* - (FA28)  
USCRF/Cooper Institute/NIH  
$56,955

**Parra-Medina D.**

*Youth Development and Empowerment: South Carolina Legacy* - (KA00)  
CDC Foundation  
$170,394

**Regional and Four-Year Campuses**

**USC Beaufort**

**Yanker M.**

*Center for Coastal Biology* - (GL02)  
SC Department of Health & Environmental Control  
$66,853
**USC Salkehatchie**  
**Carmichael A.**  

*Summer Scholars - (KL04)*  
USCRF/Allendale County ALIVE, Inc.  

$10,000

**Moskow S.**  

*Character Education Professional Development Teachers' Academies - (GL00)*  
SC Department of Education

$58,262

**USC Spartanburg**  
**Davenport B.**  

*National Writing Project Application for Matching Funds - (F434)*  
National Writing Project Corporation/USDE

$28,000

**Ferrell J.**  

*Nursing Education and Research - (K120)*  
Carolina Piedmont Foundation

$1,483

**Rogers S.**  

*ACHIEVE Program - (FL17)*  
WIA Board/DOL

$5,000

**USC Sumter**  
**Kunka A.**  

*Sumter Film Series - (HL03)*  
Sumter County Cultural Commission

$1,300

**School of Medicine**  
**Cell Biology & Neurosciences**  

**Lavoie H.**  

*Ovarian LDL Receptor and Star Gene Regulation - (F176)*  
National Institute of Child Health & Human Development/NIH

$137,630

**Millette C.**  

*Expression and Function of Galectin-3 During Mammalian Spermatogenesis - (FA05)*  
BRIN/EPSCoR/NSF

$50,000

*L-Selectin and Testicular Cell Interactions - (FA02)*  
National Institute of Child Health & Human Development/NIH

$227,588

**Developmental Biology & Anatomy**  

**Borg T.**  

*Cardiac Angiotensin: Load-Induced Hypertrophy and Failure - (FA05)*  
USCRF/Beth Israel Deaconess Medical Center/NIH

$54,240
Developmental Biology & Anatomy
Carver W.

*Role of ADAMs in Heart Myocyte Development* - (FA01) $252,875
National Heart, Lung & Blood Institute/NIH

Family & Preventive Medicine
Baxley E.

*Minority Faculty Fellowship Program* - (FJ00) $63,348
USCRF/Health Resources & Services Administration/HHS

Internal Medicine
Bryan C.

*CBC and Emerging Communities* - (FL08) $33,292
SC Department of Health & Environmental Control/HHS

*Facility Planning for the Midlands Care Consortium* - (JL00) $19,200
USCRF/Bristol-Myers Squibb Company

Ophthalmology
Pakalnis A.

*Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2)* $2,703
A Phase 3 Clinical Trial - (JA00)
USCRF/Paraxel

Pathology
Wargovich M.

*Tea Modulation of Colon Carcinogenesis* - (FA03) $258,100
USCRF/National Cancer Institute/NIH

Pediatrics/Center for Developmental Disabilities
Ferrante R.

*Operation Care Center - Columbia* - (GL11) $159,500
SC Department of Disabilities & Special Needs

*SC Traumatic Brain Injury (TBI) State Planning Federal Grant Program* - (FL11) $45,656
SC Department of Disabilities & Special Needs/HHS

*Training Programs and Technical Assistance for Staff* - (GL12) $590,761
SC Department of Disabilities & Special Needs

Mayfield-Smith K.

*Training and Certification for Attendant Care* - (FL12) $474,382
SC Department of Health & Human Services/HHS

Musick J.

*Early Intervention Technical Assistance Collaborative* - (FL09) $430,000
SC Department of Health & Environmental Control/USDE
Pediatrics/Center for Developmental Disabilities

**Neuberg R.**

*Affiliate Member Institution Agreement/NCCF - (F132)*  
National Childhood Cancer Foundation/NCI/NIH  
$2,000

**Peters R.**

*Novo Nordisk SimpleXx 2051 - (JA00)*  
Novo Nordisk Pharmaceuticals, Inc.  
$11,355

Research & Special Projects

**Fowler S.**

*USC-Bennettsville Rural Primary Care Education Project - (K206)*  
The Duke Endowment  
$74,210

School of the Environment

*Earth Sciences & Resources Institute*

**Kloot R.**

*GIS Technical Assistance for Comprehensive Nutrient Management Planning - (JL00)*  
USCRF/Environmental Management Solutions, LLC  
$1,000

**Waddell M.**

*High Resolution Shear-Wave Reflection Seismic Survey at the Fairbanks Disposal Pit, Fairbanks, Florida - (JA02)*  
USCRF/Bay Geophysical  
$2,900

School of the Environment

**Mousseau T.**

*Mutation Rates and Fitness in the Barn Swallows of Chernobyl - (FA02)*  
USCRF/National Science Foundation (NSF) - General  
$23,840

Vice President for Research

*NanoCenter*

**Papathanasiou T.**

*Polymer/Clay Nanocomposites - (KA00)*  
USC Research Foundation  
$34,000

**Ploehn H. Murphy C. Amiridis M.**

*NIRT: Dendrimer-Stabilized Nanoparticles for Next-Generation - (FA00)*  
USCRF/National Science Foundation (NSF) - General  
$1,000,000

*Polyolym/Clay Nanocomposites - (KA01)*  
USC Research Foundation  
$32,000
NanoCenter
Scrivens W.

Polymer/Clay Composites - (KA02)  
USC Research Foundation $30,000

zur Loye H.

Polymer/Clay Composites - (KA03)  
USC Research Foundation $50,000

Sponsored Programs & Research
Hatcher P.

GA: Center for Selection and Enhanced Performances - (FP00)  
Fort Jackson/US Army/DOD $23,682

Grand Total $14,244,772