College of Criminal Justice

Criminal Justice, College of

MacDonald J.

The Effect of Community Policing on Urban Violence - (K103) $21,271
American Statistical Association

College of Education

Education

Bergen T.

Troops to Teachers - (F200) $34,120
Clemson University/DOD

Educational Psychology

Huynh H.

Grade 8 Data Analysis for SC Oversight Committee - (G137) $10,000
SC Education Oversight Committee

Seaman M.

Assisting the South Carolina School Report Card Development Project - (G401) $12,272
Education Oversight Committee

Instruction & Teacher Ed.

Baker H.

Writing Improvement Network - (G456) $100,000
SC EIA Select Committee

Physical Education

French K.

USDA Summer Feeding Program - (F435) $779,301
SC Department of Social Services/USDA

GA(2): Richland School District Two - (H709) $13,000
Richland School District Two

GA(4): Richland School District One - (H710) $24,000
Richland School District One

GA(1): Cardinal Newman School - (J701) $6,000
Cardinal Newman School
Physical Education

Heathwood Hall Episcopal School - (K701) - $6,500

Rink J.

SC Alliance for Health, PE, Recreation & Dance - (K400) - $9,060

School Improvement Council Assistance

Norman J.

SC Education Oversight Committee - (G402) - $20,000

Middle Grades Parent Engagement Best Practices - (G403) - $5,000

College of Engineering & Information Technology

Chemical Engineering

Amiridis M.

National Science Foundation - (F160) - $20,000

Testing Program of W. L. Gore's Emission Control Technology - (I123) - $37,207

Balbuena P.

National Science Foundation - (F105) - $100,000

Matthews M. Warner L.

Hazardous Waste Management Research Fund/SCUREF - (G113) - $30,000

Papathanasiou T.

GLCC, Inc./ONR/DOD - (F106) - $2,875

White R.

National Reconnaissance Organization - (I125) - $1,150,000

Williams C.
**Chemical Engineering**

*Insitu Vibrational Spectroscopic Investigation of Heterogeneous Asymmetric Hydrogenation on Model Supported Metal Catalysts* - (K113)

American Chemical Society

$25,000

**Civil & Environmental Engineering**

*Gribb M.*

*Applicability of the Soil Leachability Model of Deep Groundwater Sites* - (G129)

SC Department of Health & Environmental Control

$50,000

**Electrical & Computer Engineering**

*Dougal R.*

*Virtual Test Bed for Advanced Electrical Systems* - (F170)

Office of Naval Research

$1,500,000

*Huhns M.*

*Data Mining and Warehousing Infrastructure (Donated Equipment)* - (J304)

Wal Mart and NCR

$6,304,334

*Kobayashi H.*

*A Long Term Training Program VLSI Design Engineers* - (I128)

SCRI/CMK Circuit Technology Center Corp.

$210,000

*Santi E. Dougal R.*

*PEBB Support Work in Technical Modeling and Simulations* - (I129)

SCRI/Silicon Power Corporation

$47,000

**IMS-Engineering**

*Huray P.*

*SEPSCoR High Bandwidth Application Tests* - (F103)

National Science Foundation

$1,000,000

**Mechanical Engineering**

*Bayoumi A.*

*The Internal Combustion Engine of the Future: The Camless Engine* - (G109)

SC Department of Commerce

$250,000

*Dutta S. Van Zee J.*

*Fundamental Studies for Mapping the Current, Temperature and Water Distributions in an Electrochemical Membrane Reactor* - (I140)

SCRI/Honda R&D, Japan

$149,990
Mechanical Engineering

Khan J.
- Novel High Pressure Waterjet Techniques for Hazardous Waste Minimization - (G110)
  Hazardous Waste Management Research Fund/SCUREF $25,000

Lyons J.
- Creep and Rupture Behavior of Thermoplastics - (I137)
  SCRI/Amoco Chemical Company $35,210

Reynolds A. Khan J. Deng X.
- Development of Coupled Thermal, Mechanical, and Material Transport Models of the Friction Stir Welding Process - (F177)
  National Science Foundation $113,066
- DUS&T: Friction Stir Welding Technology Commercialization for High Strength Structural Alloys - (I138)
  SCRI/ONR/MTS Corporation $60,000

Rocheleau D.
- Positioning System for Core Scanning Imager - (I139)
  SCRI/Petro Image LLC $16,400

SCAMP

Williams A.
- Matching Funds - (G117)
  SC Commission on Higher Education $600,000

College of Journalism & Mass Communications

Collins E.
- GA(1): Fort Jackson Center for Selection and Enhanced Performance - (F700)
  Fort Jackson/US Army/DOD $3,976

Farrar R.
- Executive Communications Advisory Council - (F421)
  Social Security Administration/HHS $74,797
- Employment Support Representative Training - (F422)
  Social Security Administration $22,837
- Basic Communications Training Course - (F423)
  Social Security Administration/HHS $41,040
Journalism & Mass Communications, College of
Basic Communications Training Course - (F424) $41,040
Social Security Administration/HHS

College of Liberal Arts
Archaeology & Anthropology, Institute of
Smith S.
Architectural Survey and On-Site Consultation, SCE&G - (F120) $15,000
SC Army National Guard/DOD

Geography
Jensen J. Cowen D.
Program for a NASA Affiliated Research Center Program at the University of South Carolina - (F165) $100,000
National Aeronautics and Space Administration

GINT
Hays S.
GA(1): SC State Housing Finance & Development Authority - (G744) $10,442
SC State Housing Finance & Development Authority

History
Taylor J.
The Papers of Henry Laurens - (F181) $84,511
National Historical Publications and Records Commission

Wilson C.
Papers of John C. Calhoun - (F180) $49,149
National Historical Publications and Records Commision

The Papers of John Calhoun - (L108) $2,200
Various Sources

McKissick Museum
Williams J.
Southern Stews - (K106) $55,000
Virginia Foundation for the Humanities

Psychology
Follingstad D.
GA(5): Lexington County Community Mental Health Center - (G740) $50,702
Lexington County Community Mental Health Center/SC
Psychology

GA(3): SC Department of Juvenile Justice - (G741)  $52,000
SC Department of Juvenile Justice

GA(2): Pine Grove School - (J728)  $24,000
Pine Grove School

GA(1): Palmetto Richland Memorial Hospital - (L712)  $13,000
Palmetto Health Alliance

GA(2): Palmetto Health Alliance - (L713)  $24,108
Palmetto Health Alliance

Nagle R.

GA: Assessment and Counseling Services - (J713)  $1,000
Assessment & Counseling Services

Wandersman A.

NCAP II Subcontract - (I108)  $2,000
SCRI/Center for Substance Abuse Prevention/CDC

NCAP II Subcontract - (I109)  $26,903
SCRI/Center for Substance Abuse Prevention/CDC

GA: Alternative Consulting, Inc. - (J709)  $3,623
Alternative Consulting, Inc.

College of Library & Information Science

Library & Information Science, College of

Barron D.

Evaluation of SC Two-Way Video Project for School Technology Initiative - (G104)  $52,000
SC State Budget & Control Board

Douglas G.

GA: (1) Legislative Council of SC General Assembly - (G711)  $4,703
SC Legislative Council

Feehan P.

How to Plan and Present a Picture Book Storytime for Very Young Children - (G202)  $12,000
SC Partnership for Distance Education
College of Nursing
Academic & Student Affairs
Loquist R.

*Colleagues in Caring* - (L101)
Robert Wood Johnson-Various Sources

$3,000

College of Pharmacy
Clinical Pharmacy
Phillips C.

*Development of Community Responsive Student Practitioners through the Provision of Community Based Interdisciplinary Pharmaceutical Care Practices* - (G201)
SC Area Health Education Centers

$14,000

College of Science and Math
Baruch Institute

Allen D. Fletcher M.

*North Inlet-Winyah Bay National Estuarine Research Reserve (NI-WB NERR)* - (F121)
National Oceanic and Atmospheric Administration/DOC

$128,000

Benner R.

*Chemical Characterization and Reactivity of Dissolved Organic Matter in Seawater* - (F122)
National Science Foundation

$162,059

Porter D. White D.

*The Effects of Landscape on the Spatial and Temporal Dynamics of Phytoplankton Community Structure in Two Well-Mixed, High Salinity Estuaries* - (F130)
National Oceanic and Atmospheric Administration/DOC

$16,500

Priede K. Quattro J.

*Genetic Population Structure of Bonnethead and Scalloped Hammerhead sharks* - (G152)
SC Department of Natural Resources

$1,800

Quattro J.

*Sustainable Universities Initiative* - (K164)
USC Educational Foundation

$2,000

Stancyk S. Hartman M.

*Distribution of Invasive Anomuran Decapod 'Petrolisthes Armatus'* - (F128)
National Oceanic and Atmospheric Administration/DOC

$16,500
Baruch Institute

GA; (1) SC Department of Natural Resources - (G708) $7,363
SC Department of Natural Resources

Biological Sciences

Dawson W.

PeroBase: A Biological Database for Peromyscus - (F162) $23,495
National Science Foundation

Peromyscus Laboratory Animal Models for Biomedical Research - (F181) $128,824
National Center for Research Resources/NIH

Dewey M.

Mouse Models for the Study of Longevity Genes - (I103) $94,137
SCRI/University of Kentury/NIH

Hilbish T. Gilg M.

Dissertation Research: Maladaptive Gene Flow and Counter Selection in a Blue Mussel Hybrid Zone - (F104) $8,100
National Science Foundation

Lovell C.

SGER: Molecular Identification of Functionally Significant Nitrogen Fixing Bacteria - (F108) $75,012
National Science Foundation

Spencer T.

Attenuation of Chemotherapy Induced Myelosuppression - (F169) $95,850
National Cancer Institute/NIH

Chemistry

Bunz U.

Camille Dreyfus Teacher-Scholar Award - (K168) $60,000
Camille & Henry Dreyfus Foundation, Inc.

Dawson J.

Spectroscopic and Mechanistic Studies of Heme Enzymes - (F104) $200,117
National Institute of General Medical Sciences/NIH

Editing: Journal of Inorganic Biochemistry - (J400) $2,667
Elsevier Science, Ltd.

Myrick M.
Chemistry

University of South Carolina CB Support: Basic Research in Materials and Techniques for Optical Computing Standoff Sensors - (F103)$591,000
Department of the Air Force/DOD

Reger D.

Cadmium-113 NMR of Systems of Biological Interest - (F120)$17,000
Battelle/NIH

Minority Supplement to Cadmium-113 #260323 - AZE - (F151)$32,976
Battelle/NIH

Computer Science

Rose J.

PeroBase: A Biological Database for Peromyscus - (F124)$72,167
National Science Foundation

Geological Sciences

Kellogg J.

Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (J400)$4,750
Elsevier Science, Ltd

Kendall C.

Landmark Strategic University Grant-DONATED SOFTWARE - (J306)$1,603,294
Landmark Graphics Corporation

Kohn M.

Metamorphic Evolution of the Main Central Thrust, Nepal - (F187)$4,000
National Science Foundation

Owens T.

The Lithospheric Structure of the Indian Subcontinent - (F186)$25,499
National Science Foundation

Thunell R.

Decadal-Scale Climate Variability During the Holocene as Recorded in Santa Barbara Basin: A Sediment Trap Study - (F154)$78,170
National Science Foundation

Physics & Astronomy

Avignone F.
Physics & Astronomy

The IGEX 76 Ge Double Beta Decay Experiment and CUORE, the Next Generation 130 Te Experiment - (F131)  
National Science Foundation  
$28,450

Johnson J.

State-wide Victim Services Case Management Database - (F147)  
SC Department of Public Safety/DOPS  
$300,000

South Carolina State-wide Prosecution Case Management System - (F404)  
Commission on Prosecution Coordination  
$230,000

Image and Database System Development and Management Contract - (G102)  
SC Ethics Commission  
$23,500

Myhrer F.  
Kubodera K.

Theoretical Studies of Hadronic and Nuclear Dynamics - (F134)  
National Science Foundation  
$20,000

Tedeschi D.

Operation of the CLAS TOF System - (F143)  
SURA/Jefferson Lab/NSF  
$9,000

Whisnant S.

Study of Nuclear Physics with Intermediate Energy Probes - (F146)  
National Science Foundation  
$158,681

US-South Africa Cooperative Research: Nuclear Physics - (F150)  
National Science Foundation  
$14,000

Science & Math Administration

Crawley G.  
Dunalp B.

Material Science/Nanoscience at the University of South Carolina - (F154)  
National Science Foundation  
$300,000

Material Science/Nanoscience at the University of South Carolina - (G110)  
SC Commission on Higher Education  
$142,129

Three-Segment Professional Masters of Science Program - (K400)  
Alfred P. Sloan Foundation  
$400,000

Little S.
Science & Math Administration

Strategic Plan - (F153)
National Science Foundation

Strategic Plan - (G111)
SC Commission on Higher Education

Seminario J. Little S.

Computational Studies of Molecular Systems for Nanotechnology Materials - (G121)
SC Commission on Higher Education

$33,883

Statistics

Edwards D.

GA (1): SC Department of Parks, Recreation, and Tourism - (G702)
SC Department of Parks, Recreation, and Tourism

$1,440

Grego J.

Analysis of Trends in Historical River Flow Data - (G113)
SC Department of Natural Resources

$9,058

College of Social Work

Social Work, College of

Raymond F.

GA: SC Department of Mental Health - (G743)
SC Department of Mental Health

$3,865

GA(25): SC Department of Mental Health - (G750)
SC Department of Mental Health

$3,000

GA(1): OCAB Community Action Agency - (J721)
OCAB Community Action Agency, Inc.

$4,518

GA(1): Sexual Trauma Services of the Midlands - (K770)
Sexual Trauma Services of the Midlands

$1,506

GA(2): Lexington Interfaith Community Services - (K771)
Lexington Interfaith Community Services

$6,024

Wright L. Philip J.

Evaluation of Teen Abstinence Demostration Project - (F141)
SC Department of Health & Environmental Control/HHS

$12,500
Social Work, College of
The Purchase of Educational Services to Acquire an MSW Degree - (F295)
SC Department of Social Services/HHS

$100,000

Computer Services

Computer Services
Pawley W.
A High Performance Connection for Research at the University of South Carolina - (F301)
SC Research Authority/NSF

$211,470

Darla Moore School of Business
Business Administration - Division Of Research
Markland R.
GA:(2) Northwestern Mutual Life - (J735)
Northwestern Mutual Life

$2,715

Earth Sciences & Resources Institute
Earth Sciences & Resources Institute
Owensby B.
Technologies for Extruder Auger Maintenance and Cleaning - (I199)
SCRI/Trimite Powders, Inc.

$893

Institute of Public Affairs
Public Affairs, Institute of
Chishom A.
Youth Leadership Training - (G429)
SC Department of Health & Environmental Control

$20,000

Murday D.
Leadership Development and Information Technology - (K105)
Robert Wood Johnson Founation

$300,000

Oldendick R.
Evaluation of the Combating Underage Drinking Program - (F420)
Wake Forest Univ/US Dept of Justice

$205,640

Prince C.
Support Budget & Control Board Responsibilities related to Radioactive Waste Disposal - (G154)
SC Energy Office

$78,904
Law School

Byars W.

Goals 2000 Subgrant - (F410)  $50,000
SC Department of Education/USDE

Fatherhood Initiative - (K421)  $12,000
Sisters of Charity

Regional and Four-Year Campuses

Aiken

Johnson G.

GEAR UP Summer Institute/Saturday Academy - (F497)  $26,085
SC Commission on Higher Education/USDE

Pariyadath K.

Sustainable Universities Initiative: Redesigning Lab Experiments for "Chemistry in Society" - (K119)  $2,300
USC Education Fdn/Kann Rasmussen Fdn.

Priest J.

CSRA HUB - (G434)  $257,600
SC State Department of Education

Lancaster

Beasley P.

Upward Bound - (F434)  $1,000
US Department of Education

Spartanburg

Bohannan P.

Human Genetics and Graduate Nursing Education - (K134)  $15,000
Carolina Piedmont Foundation

Brackett J.

Gearing Up for College - (F466)  $34,177
SC Commission on Higher Edu/US Dept of Edu

Connelly B.

JM Smith Computer Lab - (K325)  $12,000
Carolina Piedmont Foundation

Prince J.
Spartanburg
National Association of Women in Education - (K429) Carolina Piedmont Foundation
$3,000

School of Medicine

Cell Biology And Neurosciences

Lavoie H.

Ovarian LDL Receptor and Star Gene Regulation - (F176) National Institute of Child Health & Human Development/NIH
$32,432

Developmental Biology and Anatomy

Carver W.

Cardiac Mast Cell: Role in Pathogenesis of Heart Failure - (F180) Auburn University/NIH/HHS
$25,000

Price R.

Antiotensin II Induced Integrin and PKC Signaling in Cardiac Myocytes - (K112) American Heart Association
$50,000

Family & Preventive Medicine

Baxley E.

Faculty Development in Family Medicine - (F254) Health Resources & Services Administration/HHS
$126,237

Bostick R.

Community-Based Program to Improve Colon Cancer Prevention Methods in the Midlands and Upstate of South Carolina - (K104) Fullerton Foundation, Inc.
$400,000

Internal Medicine

Gonzalez F.

AG3340-009 A Randomized Double-Blind, Placebo Controlled, PhaseIII Study of Matrix Metalloproteinase Inhibitor AG3340 in Hormone-RefractoryProstate Cancer - (J136) Agouron Pharmaceuticals
$4,300

Omoigui N.

Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102) University of Texas Health Science Center/NIH
$1,300

Medicine - Development Office

Fowler S.
**Medicine - Development Office**

*Eastover Telemedicine Project - (F301)*
US Department of Agriculture

*$70,037*

*South Carolina Consortium for Cardiovascular Disease and Stroke - (L100)*
Palmetto Health Alliance

*$140,000*

**Microbiology & Immunology**

*Fox A.*

*Minority Supplement: PCR/MS Fingerprints for SequencePolymorphism - (F172)*
National Human Genome Research Institute/NIH

*$28,494*

**Neuropsychiatry**

*Jerrell J.*

*Clinical Research Regarding Mental Illness - (G106)*
SC Department of Mental Health

*$250,000*

**Obstetrics & Gynecology**

*Best R.*

*Genetic Services for Indigent and Underserved Patients - (G416)*
SC Department of Health & Environmental Control

*$66,234*

**Pathology**

*Pirisi L.*

*Modulation of Responsiveness to Herceptin in Breast Cancer Cells by Alternatively-Spliced TGF-Alpha Variants Which Interact with ErbB2 - (F171)*
Department of the Army/DOD

*$325,125*

*Papillomavirus Conferences, 2000 - (F172)*
National Cancer Institute/NIH

*$15,000*

**Pediatrics/Center for Developmental Disabilities**

*Ferrante R.*

*South Carolina University Affiliated Program - (F485)*
Administration on Children, Youth & Families/HHS

*$200,000*

*Long K.*

*Early Intervention Technical Assistance Collaborative - (G451)*
SC Department of Health & Environmental Control

*$340,675*

*Neuberg R.*
Pediatrics/Center for Developmental Disabilities
Affiliate Member Institution Agreement/NCCF - (F132) $4,450
National Childhood Cancer Foundation

Rivers D.
SC Service Information System - (G445) $20,385
SC Department of Developmental Disabilities

SC Service Information System - (G452) $40,000
SC Department of Health & Environmental Control

Pharmacology and Physiology

Stock H.
Sex Differences in an Animal Model of Depression - (K134) $29,444
NARSAD Research

Wilson M.
Sex Differences in GABA Responses to Antidepressant Treatments in Rats - (K136) $49,955
NARSAD Research

Wilson S.
Modulation of Sensory Transmission by Virally Delivered Genes - (F165) $99,458
National Science Foundation

School of Public Health
Communication Sciences and Disorders

Bradham T.
Hearing Loss Detection in Infants, Toddlers, and Pre-School Children - (L100) $21,389
Environmental Health Administration

Environmental Health Sciences

Aelion M.
Urbanization of Southeastern Estuarine Systems - (F174) $145
SC Sea Grant Consortium/NOAA

Chandler T. Siewicki
Urbanization of Southeastern Estuarine Systems - (F170) $145
SC Sea Grant Consortium/NOAA

Urbanization of Southeastern Estuarine Systems - (F171) $145
SC Sea Grant Consortium/NOAA
Environmental Health Sciences

Decho A.
Urbanization of Southeastern Estuarine Systems - (F169) $13,229
SC Sea Grant Consortium/NOAA

Feigley C.
Graduate Education in Industrial Hygiene - (F268) $72,708
National Institute of Occupational Safety & Health

McKellar H.
Urbanization of Southeastern Estuarine Systems - (F173) $145
SC Sea Grant Consortium/NOAA

Scott G.
Urbanization of Southeastern Estuarine Systems - (F168) $13,084
SC Sea Grant Consortium/NOAA

Teas J.
Brown Seaweed as a Breast Cancer Preventive - (K104) $48,447
Susan G. Komen Breast Cancer Foundation

Vernberg J. Vernberg W.
Urbanization of Southeastern Estuarine Systems - (F172) $145
SC Sea Grant Consortium/NOAA

Epidemiology and Biostatistics

Addy C.
GA: (1) SC Budget and Control Board - (G728) $11,700
SC Budget and Control Board

Exercise Science

Carson J.
Smooth Muscle Gama-actin Gene Activation by RhoA: A Potential Role in Smooth Muscle Mechanical Signaling - (K149) $40,000
American Heart Association

Hand G.
Blood Pressure Regulation During Exercise: The Spinal Inhibitory Component - (K148) $39,905
American Heart Association

Pate R.
GA: Michelin North America - (J704) $10,000
Michelin North America
Health Administration

**Dodson D.**

GA: (1) PHT Services, Ltd. - (J701)  
PHT Services, Ltd.  

GA: (1) Palmetto Health Alliance - (J702)  
Palmetto Health Alliance  

**Stoskopf C.**

GA: (1) Consult, Inc. - (J703)  
Consult, Inc.  

**Williams H.**

GA: (1) Palmetto Health Alliance - (J704)  
Palmetto Health Alliance  

Health Promotion and Education

**Richter D.**

SC Aids Training Network - (F465)  
Emory Univ/HRSA/HHS  

**Sargent R.**

GA: (1) Lexington County Recreation and Aging Commission - (H719)  
Lexington County Recreation and Aging Commission  

GA: (1) Town of Kershaw - (H720)  
Town of Kershaw  

GA: (3) Companion HealthCare - (J712)  
Companion HealthCare  

Prevention Research Center

**Ainsworth B.**

Physical Activity and Inactivity and Child Obesity - A Four County Study - (J102)  
Univ of North Carolina/M&M Mars Corp.  

School of the Environment

**School of the Environment**

**Amiridis M.**  
**Van Zee, J.**

Novel Technologies in Pollution Prevention - (F101)  
National Science Foundation  

$1,506

$2,144

$5,522

$1,506

$20,000

$603

$15,000

$187

$25,729

$33,466
South Carolina College

South Carolina College

Sederberg P.

GA(1): Center for Selection, Wellness and Enhanced Programs - (F700) $4,097
Fort Jackson/US Army/DOD

Williams D.

Breaking Racial Barriers and Building Inter-Racial Bridges - (F400) $1,000
SC Humanities Council/NEH

University Libraries

Thomas Cooper Library

Singleton B.

Preservation of 2,702 ft of Movietone File Featuring Native Americans - (F130) $8,900
National Film Preservation FDN/NEA

Grand Total $23,310,310