SPONSORED PROGRAMS and RESEARCH
Award Activity  January  2002

College of Education

Education

Bergen T.

Teacher Cadet Program - (G221)
SC Center for Teacher Recruitment

Educational Psychology

Drasgow E.

Project EXPERT - (GL03)
SC Department of Education

Instruction & Teacher Education

LeMaster E.

Advanced Placement Teacher Institutes - (GJ00)
SC Department of Education

Singer J.

Synergy Communities: Aggregating Learning About Education - (FA00)
USCRF/UCA at Berkley/NSF

Physical Education

Rink J.

Physical Education School Assessment - (K401)
SC Alliance for Health, Physical Education, Rec. & Dance

School Improvement Council Assistance

Norman J.

School Improvement Council Assistance - (GL00)
SC General Assembly School Improvement Council Assistance

College of Engineering & Information Technology

Civil & Environmental Engineering

Gassman S.

CAREER: Extending Non-Destructive Infrastructure Assessment Techniques to Micropile Foundation - (F138)
National Science Foundation (NSF) - General

Harries K.

Structural Evaluation and Monitoring of Composite Deck on Steel Girder Bridge - (FA12)
SC Department of Transportation/DOT
**Mechanical Engineering**

*Chao Y.*

*Determination of Constraint Parameters in Fracture Testing* - (FA17)  
SC Universities Research & Education Foundation (SCUREF)/DOE  
$79,125

*Giurgiuțiu V. Rocheleau D. Lyons J.*

*Microcontroller/Mechatronics Education of Non-Electrical Engineering Students* - (FA18)  
USCRF/National Science Foundation (NSF) - General  
$71,000

*Cost and Effectiveness Analysis of AH64A/UH-60L On-Board Vibrations Monitoring System* - (F168)  
SC Army National Guard/DOD  
$37,321

*Rhodes C.*

*Design and Manufacturing Engineering Assistance for the Development of Custom-Designed Glass and Stone Award Plaques* - (JA10)  
USCRF/Crystal Classics, Inc.  
$1,000

**College of Liberal Arts**

*Archaeology & Anthropology, Institute of*  
*Brooks M.*

*Cultural Resource Management on the SRS* - (F110)  
US Department of Energy  
$500,000

*Geography*  
*Kovacik C.*

*Advanced Placement Human Geography* - (GL01)  
SC Department of Education  
$7,568

**Government & International Studies**

*Schneider S.*

*GA: SC Budget & Control Board, SC Energy Office* - (GP02)  
SC Budget and Control Board  
$2,408

*GA: SC Parks, Recreation & Tourism* - (GP01)  
SC Parks, Recreation & Tourism  
$4,400

**History**

*Schulz C.*

*GA: SC Department of Archives and History* - (GP09)  
SC Department of Archives and History  
$4,514
History
Wilson C.

*The Papers of John Calhoun* - (L108)  
Various Sources  
$1,000

Public Service & Policy Research, Institute for
Bryan C.

*Center for Bioethics* - (L102)  
USC School of Medicine Educ. Trust/Palmetto Health Alliance  
$10,000

Oldendick R.

*Evaluation of the Free-to-Go Project* - (KL03)  
USCRF/Wake Forest University School of Medicine  
$12,482

College of Pharmacy  
**Basic Pharmaceutical Sciences**
Roberts J.

*Use of Selected Amino Acid Degrading Enzymes as Therapeutic Agents* - (J157)  
USCRF/Medical Enzymes  
$378,063

College of Science and Math  
**Baruch Institute**
Gielazyn M.

*Pre-Doctoral Fellowship in Environmental Sciences* - (FA22)  
USCRF/University of Rhode Island/EPA  
$33,191

Lewitus A.

*Morphological and Molecular Characterization of the South Carolina "Red Tide" Dinoflagellate(s)* - (FA21)  
SC Sea Grant Consortium/NOAA  
$39,059

**Biological Sciences**
Benner R.

*Collaborative Research: Biogeochemical Cycling of Particulate and Dissolved Organic Matter in the Artic Ocean Using Molecular Markers* - (FA27)  
USCRF/National Science Foundation (NSF) - General  
$124,459

Dewey M.

*A Genetic Stock Center for Peromyscus* - (FA28)  
USCRF/National Science Foundation (NSF) - General  
$148,484

Rauso R.

*Pattern and Process in the Evolution of Hawkmoth Pollination* - (F187)  
University of Arizona/NSF  
$1,845
**Biological Sciences**

Reisman D.

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

**Chemistry & Biochemistry**

Adams R.

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

Shaw T.

Foraminiferal Fidelity: Identification of Intermediate-Depth Epibenthic Species that Faithfully Record Bottom-Water Chemistry - (FA04) 
National Science Foundation (NSF) - General

zur Loye H.

Synthesis of New Perovskite Related Oxides - (FA16) 
USCRF/National Science Foundation (NSF) - General

Investigation of the Reaction Between Carbon Dioxide and Transition Metal Oxides - (J154) 
USCRF/Air Products and Chemicals, Inc.

**Geological Sciences**

Kellogg J.

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

Lakshmi V.

Extended Validation of AMSR-E Soil Moisture Products (AQUA-0084-0032) - (FA17) 
USCRF/National Aeronautics & Space Administration (NASA)

Parkinson C.

Petrotectonic Evolution of High-Pressure and Suspected Ultrahigh Pressure Granulites and Eclogites in Neoproterozoic Nappes of South-East Brazil - (FA27) 
USCRF/National Science Foundation (NSF) - General

**Mathematics**

DeVore R.

Functional Regularity of Entropy Solutions to Nonlinear Conservation Laws - (F163) 
Office of Naval Research
Physics & Astronomy

Djalali C.

Implementation of the Polarized HD Target at the Thomas Jefferson National Accelerator Facility - (FA12)
USCRF/US Department of Energy $143,808

Statistics

Edwards D.

GA: Arcadia Analytics, LLC - (JP00) Arcadia Analytics, LLC $4,092

Finch H.

GA: Center for Selection & Enhanced Performance - (FP03) Fort Jackson/US Army/DOD $6,018

College of Social Work

Social Work, College of

Raymond F.

GA: Wilkins and Madden - (JP04) Wilkins & Madden, P.A. $1,504

GA: SC Department of Mental Health - (GP03) SC Dept of Mental Health $9,022

Wright L.

DHEC HABLA Language Assistance Program - (GL03) SC Department of Health & Environmental Control $78,143

Darla Moore School of Business

Business Administration - Division Of Research

Alpert G.

Assessing Police Officers' Decision Making and Discretion - (FA04) National Institute of Justice/DOJ $209,709

Roenfeldt R.

GA: Merrill Lynch - (JP48) Merrill Lynch $1,005

GA: Girl Scouts Council of the Congaree - (KP02) Girl Scouts Council of the Congaree $1,005

GA: SC Association of Nonprofit Organizations - (KP03) SC Association of Nonprofit Organizations $1,406

GA: The Melting Pot - (JP49) The Melting Pot $2,600
**Business Administration - Division Of Research**

- **GA: The Gonzalez Group - (JP46)**
  - The Gonzalez Group
  - $2,008

- **GA: United Parcel Service - (JP20)**
  - United Parcel Service
  - $7,000

- **GA: South Financial Group - (JP17)**
  - South Financial Group
  - $2,000

**Small Business Development Center**

- **Lenti J.**
  - **SBDC Regional Center - DLA - (FL07)**
    - Defense Logistics Agency
    - $48,934
  - **SBDC Control Center - DLA - (FL06)**
    - Defense Logistics Agency
    - $102,254
  - **SBDC Control Center - (FL08)**
    - US Small Business Administration
    - $167,693
  - **SBDC Regional Office - (FL09)**
    - US Small Business Administration
    - $324,207

**Division of Student Affairs**

- **Weiss S.**
  - **Martin Luther King Day of Service - (FL16)**
    - USCRF/Corporation for National Service/HHS
    - $4,247

**Institute for Families in Society**

- **Flerx V.**
  - **Evaluation Consultation to the Duke Endowment Domestic Violence Initiative - (KL01)**
    - USCRF/The Duke Endowment
    - $8,865

**Law School**

- **Byars W.**
  - **Bench-Bar - (KL07)**
    - USCRF/United Way of South Carolina
    - $15,000
  - **Fatherhood Initiative - (K421)**
    - Sisters of Charity Foundation of South Carolina
    - $24,000

**Morris C.**

- **Legal Training for DSS Staff and Agents - (F412)**
  - SC Department of Social Services/HHS
  - $221,889
**Norman J. Arnold School of Public Health**

*Center for Health Services & Policy Research*

**Haddock K.**

- **Client-Centered Care for Diabetics: A South Carolina Initiative** - (KA01) $74,254
  - USCRF/SC Hospital Association

**Murday D.**

- **Supporting Innovation by Local Health Departments** - (KL00) $10,260
  - Robert Wood Johnson Foundation

**Woods J.**

- **Center for Health Services and Policy Research** - (LA01) $36,260
  - Palmetto Health Alliance
- **Center for Health Services and Policy Research - Quality Management** - (LA02) $100,000
  - Palmetto Health Alliance

**Environmental Health Sciences**

**Bernhard J.**

- **Foraminiferal Fidelity: Identification of Intermediate - Depth Epibenthic Species that Faithfully Record Bottom-Water Chemistry** - (FA05) $142,185
  - National Science Foundation (NSF) - General

**Feigley C.**

- **GA: Azimuth, Inc.** - (JP00) $5,000
  - Azimuth, Inc.

**Newman L.**

- **Keyport Installation** - (FA30) $85,030
  - USCRF/URS/US Navy

**Epidemiology & Biostatistics**

**Hebert J.**

- **GA: SC Department of Health and Environmental Control** - (GP04) $5,644
  - SC Department of Health and Environmental Control
- **GA: SC Department of Health and Environmental Control** - (GP03) $5,514
  - SC Department of Health & Environmental Control

**Smith S.**

- **Factors Affecting Blood Pressure: The Role of Obesity** - (FA18) $1,002
  - National Heart Lung & Blood Institute
- **Factors Affecting Blood Pressure: The Role of Obesity** - (FA18) $20,702
  - National Heart, Lung & Blood Institute/NIH
Exercise Science
Davis M.

Carbohydrates Electrolyte Drinks for Fluid Replacement During and After Exercise - (J120) $38,365
Quaker Oats

Health Administration
Baker S.

GA: Palmetto Richland Memorial - (LP18) $7,500
Palmetto Richland Memorial Hospital

GA: Agape Hospice - (LP19) $4,000
Agape Hospice

Glover S.

GA: Carolina Care Plan, Inc. - (JP13) $3,012
Carolina Care Plan, Inc.

GA: St. Joseph Hospital - (LP16) $10,000
St. Joseph Hospital

GA: Palmetto Health Baptist - (LP17) $8,024
Palmetto Health Baptist

GA: Lexington Medical Center - (LP20) $1,500
Lexington Medical Center

Health Promotion & Education
Evans A.

GA: Communities In Schools of the Midlands - (HP05) $4,800
Communities in Schools of the Midlands

Parra-Medina D.

South Carolina Partnership for Cancer Prevention - (FA08) $34,770
USCRF/Baylor College/NCI

Richter D.

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

Sargent R.

GA: Unum Life Insurance Company - (JP19) $3,200
Unum Life Insurance Company

Watkins K.

REACH 2010: Charleston/Georgetown REACH Diabetes Coalition - (FA11) $19,079
USCRF/Medical University of South Carolina/CDC
Norman J. Arnold School of Public Health - Dean
Pastides H.

*Design Development and Construction Documents - (FL04)*
US Department of Housing & Urban Development

$848,130

Prevention Research Center
Ainsworth B.

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

Shepard D.

*Children's Oral Health Coalition Evaluation - (FL02)*
SC Department of Education/CDC

$8,000

Regional and Four-Year Campuses

USC Aiken
Smyth T.

*Standards and Assessment Project - (FL09)*
SC Department of Education/USDE

$27,500

USC Beaufort
Callahan C.

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

$3,500

USC Lancaster
Stinson M.

*Child and Adult Care Food Program - (FL00)*
SC Department of Social Services/USDA

$19,321

USC Spartanburg
Duarte V. Reed T.

*Preparing Pre-Service Teachers for Diverse Communities - (GL09)*
SC Department of Education

$2,000

Ferrell J.

*Nursing Equipment - (K317)*
Carolina Piedmont Foundation

$618

*Human Genetics and Graduate Nursing Education - (K134)*
Carolina Piedmont Foundation

$90,600

Flynn C.

*Animals and Society Library Fund - (KL01)*
Carolina Piedmont Foundation

$1,500
USC Spartanburg

Jackson P.

*USDA Family Daycare Homes* - (FL08)  
SC Department of Social Services/USDA  
$11,876

Love C.

*Hope VI Henderson Child Care Center* - (FL10)  
Spartanburg Housing Authority/HUD  
$92,163

Pae H.

*Learning Disability Collaborative* - (GL08)  
SC Department of Education  
$2,000

Prioleau R.

*The USCS Center for Mediation and Conflict Resolution* - (KJ01)  
Carolina Piedmont Foundation/SC Bar Association  
$5,250

Shelly A.  
Washburn S.

*PDS Partnerships* - (GL07)  
SC Department of Education  
$2,000

Turner J.

*Watershed Ecology Center Education Program* - (KL00)  
Carolina Piedmont Foundation, Inc.  
$1,000

*Microbiobial Study* - (L101)  
Miliken Chemicals  
$750

USC Union

Guthrie J.

*Student Support Services Program* - (FL00)  
US Department of Education  
$5,000

School of Medicine

Developmental Biology & Anatomy

Borg T.

*Cardiac Angiotensin: Load-Induced Hypertrophy and Failure* - (FA05)  
USCRF/Beth Israel Deaconess Medical Center/NIH  
$57,800

Goodwin R.

*The Role of LEK1 in the Proliferation and Differentiation of Cardiac Myocytes* - (KA00)  
American Heart Association  
$65,000

*The Role of the Extracellular Matrix in Cardiomyocyte Proliferation* - (FA03)  
Medical University of South Carolina/NIH  
$144,929
**Developmental Biology & Anatomy**

**Price R.**

*Interaction of PDGF and Integrins in the Heart* - (FA06)
USCRF/New York University/NIH

**$75,000**

**Ramsdell A.**

*Cellular and Molecular Mechanisms of Cardiac Left-Right Development* - (KA01)
Americhan Heart Association

**$65,000**

**Internal Medicine**

**Bryan C.**

*Perinatal HIV Prevention Services* - (FL00)
SC Department of Health & Environmental Control/HHS

**$40,000**

**Gonzalez M.**

*A Randomized, Double-Blind Trial Comparing Arimidex Alone with Nolvadex Alone with Arimidex and Nolvadex in Combination, as Adjuvant Treatment in Post-Menopausal Women with Breast Cancer* - (J117)
AstraZeneca LP

**$1,400**

**Moloo J.**

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

**$385**

**Postic B.**

*Performance of Lopinavir/Ritonavir as an Alternative Treatment Option (PLATO) - (JA05)*
USCRF/Covance Periapproval Services, Inc.

**$400**

**Talwani R.**

*Performance of Lopinavir/Ritonavir as an Alternate Treatment Option (PLATO) - (JA04)*
USCRF/Covance Periapproval Services, Inc.

**$400**

**Neuropsychiatry**

**Jerrell J.**

*Statistical Analysis on Atypical Neuroleptic Study Publications* - (KL00)
NAMI SC

**$3,500**

**Ophthalmology**

**Pakalnis A.**

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

**$10,000**
Pathology

Wargovich M.

**PPAR Gamma Agonists for the Prevention of Colon Cancer** - (FA00) National Cancer Institute/NIH/HHS $72,250

Pediatrics/Center for Developmental Disabilities

Ferrante R.

**Personnel Development Collaboration** - (FL08) SC Department of Education/USDE $3,000

Kotchmar G.

**SC DHEC Division of STD/HIV** - (FL06) SC Department of Health & Environmental Control/HHS $21,967

Lamb L.

**Antileukemic Effect of Gamma/Delta T Cells** - (FA00) National Cancer Institute/NIH $39,062

Mayfield-Smith K.

**Real Choice Systems Change** - (FL10) SC Department of Health & Human Services/HHS $248,412

Neuberg R.

**Affiliate Member Institution Agreement/NCCF** - (FI32) National Childhood Cancer Foundation/NCI/NIH $12,000

Peters R.

**Novo Nordisk SimpleXx 2051** - (JA00) Novo Nordisk Pharmaceuticals, Inc. $9,230

Research & Special Projects

Howe D.

**Think and Believe Program, Community in Schools, Lancaster County, SC** - (GL01) Community in Schools Program of Lancaster County $550

School of the Environment

Herren L.

**Services to Coordinate the Activities of the Clean Cities Coalition of Richland, Lexington, Newberry and Fairfield Counties** - (FL02) State of South Carolina Energy Office/DOE $26,995
University Libraries
Thomas Cooper Library
Fulmer H.

Mizell Papers Project - (KA00) $99,000
USCRF/Edna McConnell Clark Foundation

Hartsook H.

HUD Grant to Support Modern Political Collections - (FA03) $848,130
US Department of Housing and Urban Development

Grand Total $7,514,042