

**SPONSORED PROGRAMS and RESEARCH**  
**Award Activity January 2002**

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**College of Education**

*Education*

**Bergen T.**

*Teacher Cadet Program - (G221)* **\$8,260**  
SC Center for Teacher Recruitment

*Educational Psychology*

**Drasgow E.**

*Project EXPERT - (GL03)* **\$8,500**  
SC Department of Education

*Instruction & Teacher Education*

**LeMaster E.**

*Advanced Placement Teacher Institutes - (GJ00)* **\$12,100**  
SC Department of Education

**Singer J.**

*Synergy Communities: Aggregating Learning About Education - (FA00)* **\$5,000**  
USCRF/UCA at Berkley/NSF

*Physical Education*

**Rink J.**

*Physical Education School Assessment - (K401)* **\$3,000**  
SC Alliance for Health, Physical Education, Rec. & Dance

*School Improvement Council Assistance*

**Norman J.**

*School Improvement Council Assistance - (GL00)* **\$148,805**  
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)* **\$25,000**  
National Science Foundation (NSF) - General

**Harries K.**

*Structural Evaluation and Monitoring of Composite Deck on Steel Girder  
Bridge - (FA12)* **\$183,154**  
SC Department of Transportation/DOT

## *Mechanical Engineering*

**Chao Y.**

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

**Giurgiutiu V.**

**Rocheleau D.**

**Lyons J.**

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

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

**Rhodes C.**

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

## **College of Liberal Arts**

### *Archaeology & Anthropology, Institute of*

**Brooks M.**

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

### *Geography*

**Kovacik C.**

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

### *Government & International Studies*

**Schneider S.**

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

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

### *History*

**Schulz C.**

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

## History

### **Wilson C.**

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

## Public Service & Policy Research, Institute for

### **Bryan C.**

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

### **Oldendick R.**

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

## College of Pharmacy

### *Basic Pharmaceutical Sciences*

### **Roberts J.**

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

## College of Science and Math

### *Baruch Institute*

### **Gielazyn M.**

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

### **Lewitus A.**

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

## Biological Sciences

### **Benner R.**

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

### **Dewey M.**

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

### **Raquso R.**

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

## Biological Sciences

### Reisman D.

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

## Chemistry & Biochemistry

### Adams R.

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

### Shaw T.

*Foraminiferal Fidelity: Identification of Intermediate-Depth Epibenthic Species that Faithfully Record Bottom-Water Chemistry - (FA04)* **\$26,839**  
National Science Foundation (NSF) - General

### zur Loye H.

*Synthesis of New Perovskite Related Oxides - (FA16)* **\$139,000**  
USCRF/National Science Foundation (NSF) - General

*Investigation of the Reaction Between Carbon Dioxide and Transition Metal Oxides - (J154)* **\$79,000**  
USCRF/Air Products and Chemicals, Inc.

## Geological Sciences

### Kellogg J.

*Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (J400)* **\$5,200**  
Elsevier Science Ltd.

### Lakshmi V.

*Extended Validation of AMSR-E Soil Moisture Products (AQUA-0084-0032) - (FA17)* **\$30,790**  
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)* **\$128,049**  
USCRF/National Science Foundation (NSF) - General

## Mathematics

### DeVore R.

*Functional Regularity of Entropy Solutions to Nonlinear Conservation Laws - (F163)* **\$45,882**  
Office of Naval Research

*Physics & Astronomy*

**Djalali C.**

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

*Statistics*

**Edwards D.**

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

**Finch H.**

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

**College of Social Work**

*Social Work, College of*

**Raymond F.**

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

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

**Wright L.**

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

**Darla Moore School of Business**

*Business Administration - Division Of Research*

**Alpert G.**

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

**Roefeldt R.**

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

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

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

*GA: The Melting Pot - (JP49)* **\$2,600**  
The Melting Pot

<i>Business Administration - Division Of Research</i>	
GA: The Gonzalez Group - (JP46)	<b>\$2,008</b>
The Gonzalez Group	
GA: United Parcel Service - (JP20)	<b>\$7,000</b>
United Parcel Service	
GA: South Financial Group - (JP17)	<b>\$2,000</b>
South Financial Group	

### *Small Business Development Center*

#### **Lenti J.**

<i>SBDC Regional Center - DLA - (FL07)</i>	<b>\$48,934</b>
Defense Logistics Agency	
<i>SBDC Control Center - DLA - (FL06)</i>	<b>\$102,254</b>
Defense Logistics Agency	
<i>SBDC Control Center - (FL08)</i>	<b>\$167,693</b>
US Small Business Administration	
<i>SBDC Regional Office - (FL09)</i>	<b>\$324,207</b>
US Small Business Administration	

### **Division of Student Affairs**

#### *Student Life*

#### **Weiss S.**

<i>Martin Luther King Day of Service - (FL16)</i>	<b>\$4,247</b>
USCRF/Corporation for National Service/HHS	

### **Institute for Families in Society**

#### *Families in Society, Institute for*

#### **Flerx V.**

<i>Evaluation Consultation to the Duke Endowment Domestic Violence Initiative - (KL01)</i>	<b>\$8,865</b>
USCRF/The Duke Endowment	

### **Law School**

#### *Law School*

#### **Byars W.**

<i>Bench-Bar - (KL07)</i>	<b>\$15,000</b>
USCRF/United Way of South Carolina	
<i>Fatherhood Initiative - (K421)</i>	<b>\$24,000</b>
Sisters of Charity Foundation of South Carolina	

#### **Morris C.**

<i>Legal Training for DSS Staff and Agents - (F412)</i>	<b>\$221,889</b>
SC Department of Social Services/HHS	

**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)* **\$848,130**  
US Department of Housing & Urban Development

*Prevention Research Center*

**Ainsworth B.**

*Physical Activity and Inactivity and Child Obesity - A Four Country Study - (J102)* **\$11,205**  
University of North Carolina/M&M Mars Corp.

**Shepard D.**

*Children's Oral Health Coalition Evaluation - (FL02)* **\$8,000**  
SC Department of Education/CDC

**Regional and Four-Year Campuses**

*USC Aiken*

**Smyth T.**

*Standards and Assessment Project - (FL09)* **\$27,500**  
SC Department of Education/USDE

*USC Beaufort*

**Callahan C.**

*Sponsorship of Milton's Masque/3 Performances - (HL04)* **\$3,500**  
Beaufort County

*USC Lancaster*

**Stinson M.**

*Child and Adult Care Food Program - (FL00)* **\$19,321**  
SC Department of Social Services/USDA

*USC Spartanburg*

**Duarte V.**

**Reed T.**

*Preparing Pre-Service Teachers for Diverse Communities - (GL09)* **\$2,000**  
SC Department of Education

**Ferrell J.**

*Nursing Equipment - (K317)* **\$618**  
Carolina Piedmont Foundation

*Human Genetics and Graduate Nursing Education - (K134)* **\$90,600**  
Carolina Piedmont Foundation

**Flynn C.**

*Animals and Society Library Fund - (KL01)* **\$1,500**  
Carolina Piedmont Foundation

*USC Spartanburg*

**Jackson P.**

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

**Love C.**

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

**Pae H.**

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

**Prioleau R.**

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

**Shelly A.**

**Washburn S.**

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

**Turner J.**

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

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

*USC Union*

**Guthrie J.**

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

**School of Medicine**

*Developmental Biology & Anatomy*

**Borg T.**

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

**Goodwin R.**

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

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

## *Developmental Biology & Anatomy*

### **Price R.**

*Interaction of PDGF and Integrins in the Heart - (FA06)* **\$75,000**  
USCRF/New York University/NIH

### **Ramsdell A.**

*Cellular and Molecular Mechanisms of Cardiac Left-Right Development - (KA01)* **\$65,000**  
American Heart Association

## *Internal Medicine*

### **Bryan C.**

*Perinatal HIV Prevention Services - (FL00)* **\$40,000**  
SC Department of Health & Environmental Control/HHS

### **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)* **\$1,400**  
AstraZeneca LP

### **Moloo J.**

*Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102)* **\$385**  
University of Texas/NIH

### **Postic B.**

*Performance of Lopinavir/Ritonavir as an Alternative Treatment Option (PLATO) - (JA05)* **\$400**  
USCRF/Covance Periapproval Services, Inc.

### **Talwani R.**

*Performance of Lopinavir/Ritonavir as an Alternate Treatment Option (PLATO) - (JA04)* **\$400**  
USCRF/Covance Periapproval Services, Inc.

## *Neuropsychiatry*

### **Jerrell J.**

*Statistical Analysis on Atypical Neuroleptic Study Publications - (KL00)* **\$3,500**  
NAMI SC

## *Ophthalmology*

### **Pakalnis A.**

*Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (JA00)* **\$10,000**  
USCRF/Parexel

*Pathology*

**Wargovich M.**

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

*Pediatrics/Center for Developmental Disabilities*

**Ferrante R.**

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

**Kotchmar G.**

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

**Lamb L.**

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

**Mayfield-Smith K.**

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

**Neuberg R.**

*Affiliate Member Institution Agreement/NCCF - (F132)* **\$12,000**  
National Childhood Cancer Foundation/NCI/NIH

**Peters R.**

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

*Research & Special Projects*

**Howe D.**

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

**School of the Environment**

*School of the Environment*

**Herren L.**

*Services to Coordinate the Activities of the Clean Cities Coalition of Richland, Lexington, Newberry and Fairfield Counties - (FL02)* **\$26,995**  
State of South Carolina Energy Office/DOE

**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***