

***SPONSORED PROGRAMS and RESEARCH***  
***Award ActivitySeptember 2002***

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**Business, Moore School of**

*Business Administration - Division of Research*

**Roefeldt, Rodney**

*GA: ALTEC Laundry Equipment, LLC - (JP60)* **\$2,010**  
ALTEC Laundry Equipment, LLC

*GA: American Red Cross - (KP05)* **\$4,500**  
American Red Cross

*GA: Automated Trading Desk, LLC - (JP62)* **\$4,000**  
Automated Trading Desk, LLC

*GA: Columbia College Career Center - (JP61)* **\$1,004**  
Columbia College

*GA: Investment Services Corporation - (JP63)* **\$1,510**  
Investment Services Corporation

*GA: Michelin Tire Corporation - (JP64)* **\$1,125**  
Michelin Tire Corporation

*GA: SC Budget and Control Board - (GP13)* **\$4,518**  
SC Budget & Control Board

**Engineering & Information Technology, College of**

*Chemical Engineering*

**Amiridis, Michael**

*Carbonyl Sulfide Removal from Propone - (KA06)* **\$172,500**  
USCRF/Gas Processors Association

**White, Ralph**

*Fuel Cell Research - (JA10)* **\$54,504**  
USCRF/DeNora North America, Inc.

*Computer Science & Engineering*

**Matthews, Manton**

*GA: Coastal Science and Engineering - (JP27)* **\$4,687**  
Coastal Science & Engineering

*Electrical Engineering*

**Khan, Asif**

*Manufacturing and Lifetime Testing of Novel Insulating Gate GaN-AlGaIn FET  
Devices and Circuits - (FA15)* **\$2,000,000**  
USCRF/US Army Space & Missile Defense Command/DOD

*Electrical Engineering*

**Seminario, Jorge**

*The Science and Technology of Nano/Molecular Electronics: Theory Simulation and Experimental Characterization (DURINT) - (FA19)* **\$70,000**  
USCRF/Stevens Institute of Technology/ARO/DOD

*Engineering & Information Technology, College of*

**White, Ralph**

*First LEGO League Partnership - (FL00)* **\$16,500**  
SC Department of Education/DOL

*Mechanical Engineering*

**Bayoumi, Abdel**

**Giurgiutiu, Victor**

*The Goodrich Center of Excellence in Mechanical Diagnostics Technology Lab - (JA09)* **\$100,000**  
USCRF/BF Goodrich Aerospace

**Chao, Yuh**

*Refinement of Constraint-Based Fracture Toughness Model to Include Shallow Cracks - (FA26)* **\$9,867**  
SC Universities Research and Education Foundation (SCUREF)/DOE

**Deng, Xiaomin**

*Development of a Mixed-Mode Fracture Criterion for Thin-Shell Structures - (JA13)* **\$110,158**  
USCRF/General Motors Corporation

**Ranson, William**

**Bayoumi, Abdel**

*Proposal for Design and Testing of a Lightweight Flutter Resistant Structural Box Using Carbon Rod Packs - (FA27)* **\$80,000**  
USCRF/Gulf Aerostream/DOD

*SC Alliance for Minority Participation (SCAMP)*

**White, Ralph**

*SCAMP State Matching Funds - Evaluation and Curriculum Reform - (GA10)* **\$22,120**  
SC Commission on Higher Education

*State Matching Funds from CHE-Summer Research Program - (GA09)* **\$78,717**  
SC Commission on Higher Education

**Environment, School of the**

*Earth Sciences & Resources Institute*

**Kloot, Robin 'Buz'**

*GIS Technical Assistance for Comprehensive Nutrient Management Planning - (JL00)* **\$3,123**  
USCRF/Environmental Management Solutions, LLC

**Families in Society, Institute for**  
*Families in Society, Institute for*  
**Andrews, Arlene**

*Center for Family & Society - (K400)* **\$62,000**  
Nord Family Endowment Fund

*Design, Implementation and Evaluation of Proactive Grantmaking - (K120)* **\$368,035**  
USCRF/Sisters of Charity

**Flerx, Vicki**

*Domestic Violence Services in Rural Health Care Clinics - (FA13)* **\$221,810**  
USCRF/University of Texas/NIH

**Motes, Patricia**

*Disproportionate Minority Confinement Project - (FA11)* **\$31,883**  
SC Department of Public Safety/DOJ

*Disproportionate Minority Confinement Project - (FA12)* **\$162,941**  
SC Department of Public Safety/DOJ

*Evaluation of CIS Statewide After School Program - (FA14)* **\$75,000**  
Communities in Schools of South Carolina/SC DSS/HHS

**Honors College, South Carolina**  
*Honors College, South Carolina*  
**Stiver, James**

*Junior Scholars Program: Adventures in Creatvity - (GL01)* **\$4,000**  
SC Department of Education

**Liberal Arts, College of**  
*Archaeology & Anthropology, Institute of*  
**Smith, Steven** **Clement, Christopher**

*Archaeological Intensive Survey McEntire Air Guard Base - (FA14)* **\$84,616**  
Air Guard/US Army Medical Research Acquisition Activity/DOD

*Coordination of SC Army National Guard Native American Consultation:  
SCARNG Fall Meeting - (GA06)* **\$15,000**  
SC Army National Guard

*Geography*  
**Cowen, David**

*GA: SC Department of Transportation - (GP04)* **\$9,000**  
SC Department of Transportation

**Jakubs, John**

*GA: SC Department of Health & Environmental Control - (GP05)* **\$4,522**  
SC Department of Health & Environmental Control

## Geography

GA: SC Department of Health & Environmental Control - (GP06) **\$9,000**

SC Department of Health & Environmental Control

### **Kovacik, Charles**

SC Geographic Alliance - (GJ04) **\$188,631**

EIA/State Budget & Control Board

## Government & International Studies

### **Schneider, Sandra K.**

GA: South Carolina Respite Coalition - (KP00) **\$1,161**

South Carolina Respite Coalition

## History

### **Wilson, Clyde**

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

Various Sources

## Psychology

### **Booze, Rosemarie**

HIV/Cocaine Neurotoxicity in Females - (FA09) **\$107,213**

USCRF/National Institute on Drug Abuse (NIDA)/NIH

HIV/Cocaine Neurotoxicity in Females - (FA11) **\$85,668**

USCRF/National Institute on Drug Abuse/NIH

### **Prinz, Ronald**

Population-Based System of Parenting Interventions - (FA12) **\$20,000**

USCRF/Centers for Disease Control/HHS

### **Wandersman, Abraham**

GA: Alternative Consulting, Inc. - (J727) **\$11,375**

Alternative Consulting, Inc.

## Public Service & Policy Research, Institute for

### **Oldendick, Robert**

National Evaluation of Free to Grow - (FL06) **\$188,226**

USCRF/Wake Forest University/DOJ

Randomized Control Trial to Prevent Child Violence - (FA09) **\$286,677**

USCRF/Wake Forest University Health Sciences/NIH

## Mass Communications & Information Studies, College

### *Journalism & Mass Communications, School of*

### **Bierbauer, Charles**

Basic Communications Training (Fall 2002) - (FL15) **\$306,995**

USCRF/Social Security Administration - General

*Journalism & Mass Communications, School of*  
*Basic Communications Training Course - (FL14)* **\$119,960**  
USCRF/Social Security Administration - General

**Collins, Erik**

*GA: Health Directions - (LP00)* **\$7,000**  
Lexington Medical Center

**Medicine, School of**

*Cell & Developmental Biology & Anatomy*

**Carver, Wayne**

*Cardiac Mast Cell: Role in Pathogenesis of Heart Failure - (F180)* **\$112,534**  
Auburn University/NIH

**Price, Robert**

*Mucopolysaccharide metabolism in congenital cardiac anomalies - (FA10)* **\$25,000**  
USCRF/Medical University of South Carolina/NIH

*Family & Preventive Medicine*

**Keisler, David**

*South Carolina Diabetes Initiative - (GL04)* **\$52,200**  
Medical University of South Carolina/State Appropriation

**McDermott, Suzanne**

*Secondary Conditions Associated with Disabilities - (FA00)* **\$392,054**  
Centers for Disease Control/HHS

*Internal Medicine*

**Eleazer, G. Paul**

*A Comprehensive Program to Strengthen Physician's Training in Geriatrics - (KA00)* **\$500,000**  
USCRF/Donald W. Reynolds Foundation

**Talwani, Rohit**

*A Randomized, Open-Label Study of the Antiviral Efficacy and Safety of a Novel HIV-1 Protease Inhibitor, BMS-232632, in Combination with Ritonavir or Saquinavir, together with Tenofovir and a Nucleoside... - (JA07)* **\$3,497**  
USCRF/Bristol-Myers Squibb Company

*Obstetrics & Gynecology*

**Best, Robert**

*Genetic Services for Indigent and Underserved Patients - (GL01)* **\$71,165**  
SC Department of Health & Environmental Control

*Pediatrics/Developmental Disabilities, Center for*

**Ferrante, Richard**

*Personnel Development Collaboration - (FL15)* **\$3,000**  
SC Department of Education/USDE

*Pediatrics/Developmental Disabilities, Center for*

**Lamb, Lawrence**

*Antileukemic Effect of gamma/delta T cells - (KA03)* **\$129,045**  
USCRF/The Leukemia & Lymphoma Society

**Neuberg, Ronnie**

*Affiliate Member Institution Agreement/NCCF - (F132)* **\$6,000**  
National Childhood Cancer Foundation/NCI/NIH

**Schwartz, I. David**

*Trial to Assess the Safety and Efficacy of Anastrozole - (KA02)* **\$9,588**  
USCRF/The Nemours Children's Clinic

*Pharmacology, Physiology & Neuroscience*

**Wilson, L. Britt**

*Spinal Modulation of the Nociceptive Pressor Reflex - (GA01)* **\$87,978**  
SC Spinal Cord Injury Research Fund

**Wilson, Marlene**

*Amygdalar Neuropeptides and Anxiety - (FA00)* **\$178,896**  
USCRF/National Institute of Mental Health/NIH

**Nursing, College of**

*Academic & Student Affairs*

**Adkins, Alice**

*AHEC Community-Based Education - (GL02)* **\$13,000**  
SC Area Health Education Centers

**Moneyham, Linda**

*A Peer Counseling Intervention for Rural Women with HIV - (FA01)* **\$75,458**  
National Institute of Nursing Research/NIH

*Administrative & Clinical Nursing*

**Goodman, Petra**

*A Test of a Model of Care Seeking in Military Women - (FA02)* **\$12,370**  
USCRF/Uniformed Services University of the Health Sciences/DOD

**Phillips, Kenneth**

*Psychoneuroimmunological Correlates of Sleep in PWHIV - (F125)* **\$84,794**  
National Institute of Nursing Research/NIH

## **Pharmacy, College of**

### *Pharmacy Practice*

#### **Brown, Karen**

*Educational Development of Students and Preceptors for Community- Based Practice - (GJ02)* **\$12,605**  
SC Area Health Education Centers

## **Public Health, Norman J. Arnold School of**

### *Environmental Health Sciences*

#### **Chandler, G. Thomas**

*Joint USC-Savannah River Ecology Laboratory Faculty - (FA41)* **\$105,000**  
USCRF/University of Georgia/DOE

#### **Feigley, Charles**

*Investigating Principles of Workroom Exposure - (FA23)* **\$180,625**  
USCRF/National Institute for Occupational Health & Safety (NIOSH)/HHS

#### **Newman, Lee**

*Dewatering Remediation and Evaluation of Dredged Sediments - (FA32)* **\$31,910**  
USCRF/Purdue University/EPA

*Keypoint Installation - (FA30)* **\$19,692**  
USCRF/URS/US Navy

### *Epidemiology & Biostatistics*

#### **Aldrich, Tim**

*Carolina Asthma Surveillance and Ed-Based Intervention - (FA23)* **\$42,100**  
Centers for Disease Control/NIH

#### **Mayer-Davis, Elizabeth**

*Uniform Population-Based Approach and Research on Childhood Diabetes - SEARCH for Diabetes - (FA24)* **\$648,233**  
Centers for Disease Control/HHS

#### **McKeown, Robert**

*GA: Christian Action Council - (KP02)* **\$6,000**  
Christian Action Council

### *Exercise Science*

#### **Durstine, John L.**

*GA: Johnson & Johnson Health Care Systems, Inc./ Eastman Chemical Co. - (J708)* **\$11,000**  
Johnson & Johnson Health Care Systems, Inc./ Eastman Chemical Co.

*GA: Michelin North America - (J704)* **\$11,000**  
Michelin North America

*GA: South Carolina Heart Center - (JP05)* **\$11,000**  
South Carolina Heart Center

*Exercise Science*

**Pate, Russell**

<i>Community Characteristics and PA Among Adolescent Girls - (FA07)</i> USCRF/RAND/NIH	<b>\$48,001</b>
<i>Trial of Activity for Adolescent Girls - Field Center - (FA08)</i> National Heart, Lung & Blood Institute/NIH	<b>\$667,856</b>

*Health Administration*

**Glover, Sandra**

<i>GA: SC Campaign to Prevent Teen Pregnancy - (GP03)</i> SC Campaign to Prevent Teen Pregnancy	<b>\$1,504</b>
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**Samuels, Michael**

<i>GA: Palmetto Health Richland - (LP28)</i> Palmetto Health Richland	<b>\$3,015</b>
<i>GA: SC Campaign to Prevent Teen Pregnancy - (KP02)</i> SC Campaign to Prevent Teen Pregnancy	<b>\$3,955</b>
<i>GA: SC Department of Health &amp; Environmental Control - (GP02)</i> SC Department of Health & Environmental Control	<b>\$3,000</b>
<i>South Carolina State Office of Rural Health, Inc. - (JP18)</i> SC State Office of Rural Health, Inc.	<b>\$1,500</b>

*Health Promotion, Education & Behavior*

**Parra-Medina, Deborah**

<i>South Carolina Partnership for Cancer Prevention - (FA08)</i> USCRF/Baylor College/National Cancer Institute/NIH	<b>\$4,000</b>
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**Richter, Donna**

**Baker, Samuel**

<i>DAODAS RPP: Cost Benefit Analysis - (GA02)</i> SC Department of Alcohol & Other Drug Abuse Services	<b>\$4,960</b>
<i>DAODAS RPP: Evaluation - (GA03)</i> SC Department of Alcohol & Other Drug Abuse Services	<b>\$25,673</b>
<i>GA: Palmetto Health South Carolina Cancer Center - (LP12)</i> Palmetto Health South Carolina Cancer Center	<b>\$3,000</b>
<i>GA: Lexington County Recreation and Aging Commission - (HP07)</i> Lexington County Recreation & Aging Commission	<b>\$3,519</b>
<i>GA: Richland County School District One - (HP08)</i> Richland School District 1	<b>\$3,012</b>
<i>GA: SC Campaign to Prevent Teen Pregnancy - (KP10)</i> SC Campaign to Prevent Teen Pregnancy	<b>\$1,696</b>
<i>GA: SC Coalition Against Violence &amp; Sexual Assault - (KP11)</i> SC Coalition Against Violence & Sexual Assault	<b>\$6,000</b>

*Health Promotion, Education & Behavior*

<i>GA: SC Department of Health &amp; Environmental Control - (GP05)</i> SC Department of Health & Environmental Control	<b>\$5,225</b>
<i>GA: SC Department of Health and Environmental Control - (GP04)</i> SC Department of Health and Environmental Control	<b>\$11,000</b>

*Prevention Research Center*

**Ainsworth, Barbara**

<i>SIP 20-01: Surveillance of Physical Activity and Weigh Control - (FA23)</i> Centers for Disease Control/HHS	<b>\$114,286</b>
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**Sharpe, Patricia**

<i>Impact on HR-HPV Positivity on Women: Formative Research - (FA30)</i> USCRF/Centers for Disease Control/HHS	<b>\$37,000</b>
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**Shepard, Dennis**

<i>CVH Training and Evaluation - (FL03)</i> SC Department of Health & Environmental Control/HHS	<b>\$60,000</b>
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**Regional and Four-Year Campuses**

*USC Aiken*

**Allen, Gary**

<i>CSRA HUB: Mathematics and Science Unit Specialist - (GL10)</i> SC Department of Education	<b>\$50,000</b>
<i>Statewide System Initiative - Federal HUB - (FL11)</i> SC Department of Education/NSF	<b>\$112,611</b>
<i>Statewide Systemic Initiative - State HUB - (GL08)</i> SC Department of Education	<b>\$142,973</b>

**Johnson, Gwen**

<i>Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP) - (GL09)</i> SC Commission on Higher Education	<b>\$50,965</b>
<i>Gaining Early Awareness and Readiness for Undergraduate Programs(GEAR UP) - (FL12)</i> SC Commission on Higher Education/USDE	<b>\$81,764</b>

**Kladivko, Deborah**

<i>Alcohol Education &amp; Enforcement: USC Aiken's Social NormsMarketing Campaign, Social Host Liability Program, and Policy Review - (FL13)</i> SC Department of Alcohol & Other Drug Abuse Services/DOJ	<b>\$9,000</b>
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*USC Spartanburg*

**Connelly, Robert**

<i>JM Smith Computer Lab - (K325)</i> Carolina Piedmont Foundation	<b>\$12,000</b>
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*USC Spartanburg*

**Jackson, Patricia**

*Family Daycare Homes - (FL25)* **\$5,000**  
SC Department of Social Services/HHS

**Jarratt-Hortis, Frances**

*P.R.E.V.E.N.T. (Providing Risk-Reduction Efforts Via Education, Norming, and Technology) - (FA03)* **\$8,000**  
SC Department of Alcohol & Other Drug Abuse Services/DOJ

**Minsky, Ina**

*Opportunity Scholar Grant-in-Aid Account - (FL24)* **\$32,132**  
US Department of Education

*Student Support Services - (FL22)* **\$222,947**  
US Department of Education

**Pae, Holly**

*Gaining Early Awareness and Readiness for Undergraduate Programs - (FL23)* **\$78,306**  
SC Commission on Higher Education/ USDE

*Gaining Early Awareness and Readiness for Undergraduate Programs-State Portion - (GL11)* **\$48,378**  
SC Commission on Higher Education

**Research, Vice President for**

*Biomedical Research Infrastructure Network (BRIN)*

**Dunlap, R. Bruce**

*Biomedical Research Infrastructure Network BRIN Training & Mentoring Core - (FA01)* **\$250,000**  
USCRF/National Center for Research Resources/NIH

*NanoCenter*

**Balbuena, Perla**

*Bimetallic and Trimetallic Nanoparticles for Fuel Cell Electro-catalysts - (FA11)* **\$91,000**  
USCRF/US Department of Energy

**Seminario, Jorge**

*Bimetallic and Trimetallic Nanoparticles for Fuel Cell Electro-catalysts - (FA12)* **\$91,000**  
USCRF/US Department of Energy

*Sponsored Programs & Research*

**Boccanfuso, Anthony**

*Automation of Institutional Human Subject Protection - (FA00)* **\$77,500**  
National Center for Research Resources/NIH

*Technology Incubator*

**Stevenson, Joel**

*USC Technology Incubator Flood Damage - (HL00)* **\$160,000**  
USCRF/City of Columbia

**Science and Mathematics, College of**

*Baruch Institute*

**Fletcher, Madilyn**

*SEA-COOS Initial Implementation - (FA35)* **\$499,357**  
USCRF/University of North Carolina-Chapel Hill/ONR

*Biological Sciences*

**Krizek, Beth**

*Regulatory Role of Aintegumenta in Organ Initiation and Growth - (FA22)* **\$206,000**  
US Department of Energy

**Quattro, Joseph**

*Zoogeography of the Centrachidae of the South Atlantic Slope - (GA00)* **\$16,000**  
SC Department of Natural Resources

**Vogt, Richard**

*Odor Receptors and Olfaction in Sea Turtles - (FA43)* **\$102,030**  
USCRF/National Oceanic and Atmospheric Administration/DOC

*Chemistry & Biochemistry*

**Dawson, John**

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

*COBRE: Center for Colon Cancer Research*

**Berger, Franklin**

*Center for Colon Cancer Research/Administrative Core - (FA00)* **\$5,000**  
USCRF/National Center for Research Resources/NIH

*Geological Sciences*

**Karabonov, Eugene**

*Decadal to Centennial History of Lena River Discharge to the Artic Ocean - (FA38)* **\$10,000**  
USCRF/National Science Foundation (NSF) - General

**Kellogg, James**

*Structural Modeling, Bloque Boqueron, Upper Magdalena Valley, Colombia - (JA00)* **\$3,450**  
Petrobas Colombia Ltd.

## Geological Sciences

### Knapp, James

*Equatorial Guinea Training Support - (KA00)* \$440  
USC Educational Foundation

### Thunell, Robert

*Isotopic Analysis for Foraminifers for Sediment Cores from The Chesapeake Bay - (FA37)* \$9,425  
USCRF/US Geological Survey/DOL

### Voulgaris, George

*Hydrodynamic Framework of Long Bay, SC: Measurements of Waves and Coastal Currents - (FA03)* \$5,819  
SC Sea Grant/NOAA

## Physics & Astronomy

### Johnson, Joseph

*Automation of Institutional Human Subject Protection Program - (FA23)* \$22,500  
National Center for Research Resources/NIH

*DARPA Seedling Project - (FA24)* \$75,000  
USCRF/US Air Force/DOD

### Jones, Edwin

*Richard Childer's Midway Physics Day - (KL00)* \$1,000  
USCRF/Richland Sertoma Club

## Statistics

### Grego, John

*Survey of Members - (KA03)* \$4,400  
USCRF/South Carolina Bar

## Social Work, College of

### Social Work, College of

### Ginsberg, Leon

*GA: Columbia Area Mental Health Center - (GP12)* \$3,015  
Columbia Area Mental Health

*GA: Prevent Child Abuse SC - (KP61)* \$8,040  
Prevent Child Abuse SC

*GA: Sexual Trauma Services of the Midlands - (KP62)* \$7,000  
Sexual Trauma Services of the Midlands

*GA: TRI County Project Care, Inc. - (JP10)* \$3,015  
TRI County Project Care

*GA: Trident United Way - (KP60)* \$7,500  
Trident United Way

**Student Affairs, Division of**

*Student Life*

**Gant, Rick**

*Reducing Underage Drinking at USC by Focusing on First-Year Students - (FL17),*  
SC Department of Alcohol & Other Drug Abuse Services/DOJ

**\$20,000**

***Grand Total***

***\$11,491,903***