Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of
Clement, Christopher
Phase II Evaluation of Archaeological Sites 38RD702 and 38RD705 Fort Jackson, Richland County, South Carolina - 21300-FA28
Sponsor: US Army Medical Research Acquisition Activity/DOD
Co-PI:

Pittman Survey - 21300-FA36
Sponsor: USDA Forest Service
Co-PI:

Art
Berry, Karla
The Four Children of Tander Welch - 12510-GA02
Sponsor: SC Film Commission
Co-PI:

Baruch Institute
Wilde, Susan
Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxins - 21600-FB24
Sponsor: SC Sea Grant Consortium/CDC
Co-PI:

Biological Sciences
Higgins, Kevin
CAREER: The Assessment of Extinction Risk from Deleterious Mutation, Habitat Fragmentation, and Environmental Change - 13010-FA51
Sponsor: National Science Foundation (NSF)
Co-PI:

Chemistry & Biochemistry
Dawson, John
Editing: Journal of Inorganic Biochemistry - 13020-J400
Sponsor: Elsevier Science, Inc.
Co-PI:
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### Psychology

Booze, Rosemarie  
*HIV/Cocaine Neurotoxicity in Females - Minority Supplement - Sheila Adams*  
- 13580-FA50  

**Sponsor:** National Institute on Drug Abuse (NIDA)/NIH  
**Co-PI:**

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### Science Education, Center for

Jordan, Don  
*USC Junior Science and Humanities Symposium 2007*  
- 13090-FA09  

**Sponsor:** Academy of Applied Science/ONR  
**Co-PI:**

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### Statistics

Grego, John  
*Statistical Analysis for SCBOS (South Carolina Business One Stop)*  
- 13080-GA07  

**Sponsor:** SC Department of Revenue  
**Co-PI:**

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### Business, Moore School of

**Business, Moore School of - Division of Research**

Teel, Sandra  
*Development of a Business Plan for the Center for Global Strategies*  
- 21200-JA15  

**Sponsor:** Center for Global Strategies  
**Co-PI:**

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### Education, College of

**Instruction & Teacher Education**

Mills, Heidi  
*SCRI Phase 2, 3 and High School 2006-2007*  
- 15250-GJ22  

**Sponsor:** SC Department of Education  
**Co-PI:**

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### Office of Program Evaluation

Dickenson, Tammie  
*Proposal to Analyze SCRI Achievement Data*  
- 15290-GL23  

**Sponsor:** SC Department of Education  
**Co-PI:**

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Sponsored Awards Management (SAM)
October, 2006  New Awards

Fisher, Steven
Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010 - 15290-FJ03
  
  Sponsor: SC Sea Grant Consortium/NSF
  Co-PI:

Yap, Ching Ching
Standards-Based Arts Assessment in South Carolina: Dance & Theater Pilot Tests (2006-2007) - 15290-GL22
  
  Sponsor: SC School Districts/SC Department of Education
  Co-PI:

Engineering & Information Technology, College of
Chemical Engineering
Van Zee, John
I/UCRC Fuel Cell Center - Operating Account - 15510-JA11
  
  Sponsor: Various Sponsors
  Co-PI:

Weidner, John
Portable Electrochemical Hydrogen Peroxide Generator for Enclosed-Area Decontamination - 15510-FA98
  
  Sponsor: Giner Electrochemical Systems, LLC/DOD
  Co-PI:

White, Ralph
STTR Phase II: Rechargeable Lithium Battery Operating Life Model - 15510-FA99
  
  Sponsor: Quallion/Army Space and Missile Defense Command/DOD
  Co-PI:

Development of a Mathematical Model for a Ni-MH Cell and Experimental Analysis on Ni-MH Cells - 15510-JA54
  
  Sponsor: General Motors Corporation
  Co-PI:

Civil & Environmental Engineering
Caicedo, Juan
Deployment and Integration of Instructional Shake Tables Using the NEES Cyberinfrastructure - 15520-FQ00
  
  Sponsor: Washington University/NSF
  Co-PI:
Gassman, Sarah

Characterization of the Liquefaction Resistance of Aged Soils - 15520-FA49

**Sponsor:** Clemson University/NSF

**Co-PI:**

Ziehl, Paul

*Damage Identification Algorithms for Composite Structures - SBIR AF06-097 - 15520-FA48*

**Sponsor:** Texas Research International/AFRL/DOD

**Co-PI:**

**Electrical Engineering**

Dougal, Roger

*Personal Power Network - 15530-FA54*

**Sponsor:** Office of Naval Research (ONR)/DOD

**Co-PI:**

Khan, Asif

*Deep Ultraviolet Avalanche Photodetectors (DUVAP) - 15530-FA53*

**Sponsor:** Defense Advanced Research Projects Agency (DARPA)/ONR

**Co-PI:**

Monti, Antonello

*Design of a Digital Power Laboratory for Elevator Testing - 15530-JA11*

**Sponsor:** Schindler Electronics Ltd.

**Co-PI:**

Ponci, Ferdinanda

*SBIR Phase II: Novel, Low-cost, Non-contact, High Accuracy Sensor for Simultaneous, Reliable, Real-time Determination and monitoring of HV Transmission Line Sag, Temperature, Current and Ampacity - 15530-FA55*

**Sponsor:** Promethean Devices /DOE

**Co-PI:**

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Mechanical Engineering
Chao, Yuh
Comparison of Decoupled and Coupled Analyses of Hydrogen Transport in Fracture Specimens - 15540-FA75
Sponsor: SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE
Co-PI:

Development of High Temperature, Aggressive Environment-operating Structural Health Monitoring Sensor Based on Micro-Structural Evolution Concept (USC participation in STTR AF06-T037) - 15540-JA31
Sponsor: Global Contour, LTD/DOD
Co-PI:

Giurgiutiu, Victor
Participation in Phase II of NASA STTR T7-02 - 15540-FA63
Sponsor: NextGen Aeronautics, Inc./NASA
Co-PI:

Reynolds, Anthony
FSP I/UCRC Operation Account - 15540-JA21
Sponsor: Various Sponsors
Co-PI:

SC Alliance for Minority Participation (SCAMP)
Perkins, Michael
SCAMP State Matching Funds - 15580-GA15
Sponsor: SC State University
Co-PI:

Hospitality, Retail & Sport Management, College of
Retailing, Department of
Bickle, Marianne
Target 2006 Campus Grant - Executive Speaker Series - 14010-JL00
Sponsor: Target Corporation
Co-PI:
Mass Communications & Information Studies, College of

*Jackson, Patricia*

SC Medical Strategic Communications Training - 15600-KJ01 1,200

**Sponsor:** SC Medical Association

**Co-PI:**

Medicine, School of

*Cell & Developmental Biology & Anatomy*

*Borg, Thomas*

Multi-scale Modeling of the Mouse Heart: From Genotype to Phenotype - 18020-FA27 76,196

**Sponsor:** University of California, San Diego/NSF

**Co-PI:**

*Gardner, Jason*

Cardiac Mast Cells and Gender-specific Cardioprotection - 18020-KA07 65,000

**Sponsor:** American Heart Association National Center

**Co-PI:**

*Murray, David*

Effects of PPAR agonists on Type 1 Diabetes Induced Ventricular Remodeling - 18020-KA13 109,515

**Sponsor:** Juvenile Diabetes Research Foundation

**Co-PI:**

Health & Safety

*Johnson, Tony*

SC DHEC Solid Waste Reduction and Recycling Program - 18390-GL02 10,000

**Sponsor:** SC Department of Health & Environmental Control (DHEC)

**Co-PI:**
### Internal Medicine

**Bryan, Charles**

- **Project:** [HOPWA Services of the Midlands Care Consortium through DHEC](#) - 18190-FL38
- **Grant:** 500

**Sponsor:** SC Department of Health & Environmental Control (DHEC)/HUD

**Co-PI:**

- **Project:** Center for Bioethics - 21100-L102
- **Grant:** 20,000

**Sponsor:** USC School of Medicine Educ. Trust/PHA

**Co-PI:**

### Neuropsychiatry

**Leech, Linda**

- **Project:** Professional Services Contract-South Carolina Department of Mental Health and University of South Carolina - 18120-GL11
- **Grant:** 43,600

**Sponsor:** SC Department of Mental Health

**Co-PI:**

### Ophthalmology

**Pakalnis, Vytautas**

- **Project:** Open-label Treatment for Patients Completing Study B7A-MC-MBCM (ruboxistaurin mesylate) - 18150-JA01
- **Grant:** 845

**Sponsor:** Lilly Research Laboratories

**Co-PI:**

### Pediatrics

**Ferrante, Richard**

- **Project:** Training and Certification for Attendant Care Services - 18140-FL37
- **Grant:** 288,082

**Sponsor:** SC Department of Health & Human Services/HHS

**Co-PI:**

- **Project:** ABC Special Needs Child Care Voucher Program Public Awareness Services - 18140-FL58
- **Grant:** 318,286

**Sponsor:** SC Department of Social Services/HHS

**Co-PI:**

### Schwartz, I. David

- **Project:** TrialNet Natural History Study of the Development of Type 1 Diabetes: Phase 1 Screening - 18140-FA08
- **Grant:** 14,925

**Sponsor:** The George Washington University/NIH

**Co-PI:**
Sponsored Awards Management (SAM)
October, 2006   New Awards

Pharmacy, College of

Pharmacy Practice
Rowen, Randall
Medicaid Academic Detailing Program - 11150-GL00

Sponsor: SC Department of Health & Human Services
Co-PI:

Public Health, Arnold School of

Communication Sciences & Disorders
Frank, Elaine
Project Speech-Language Pathologists - Recruitment and Retention in Schools (SLP-RRS) - 11560-FJ03

Sponsor: SC Department of Education/USDE
Co-PI:

Environmental Health Sciences
Chandler, G. Thomas
Assistance in Marine Ecosystem Health Research in Microbial/Pathogen Detection and GIS Coastal Condition Assessment - 11510-FB10

Sponsor: National Oceanic & Atmospheric Administration (NOAA)
Co-PI:

Newman, Lee
Joint USC-Savannah River Ecology Laboratory Faculty - 11510-FA41

Sponsor: University of Georgia/DOE
Co-PI:

Additional Phytoremediation Laboratory Services to Support Hyperspectral Imaging Studies - 11510-FB09

Sponsor: CH2MHill/NASA
Co-PI:

Epidemiology & Biostatistics
Cornman, Carol
Dementia Dialogues Revenue Account - 11520-LJ00

Sponsor: Various Sponsors
Co-PI:
Sponsored Awards Management (SAM)
October, 2006  New Awards

Steck, Susan
Cooked Meat, DNA Repair Genes and Breast Cancer Risk, Recurrence and Survival - 22080-KA05
  Sponsor: University of North Carolina at Chapel Hill/American Institute for Cancer Research
  Co-PI:
  
Exercise Science
Davis, J. Mark
Carbohydrates Electrolyte Drinks for Fluid Replacement During and After Exercise - 11530-J120
  Sponsor: Quaker Oats Company
  Co-PI:

Pate, Russ
Trial of Activity for Adolescent Girls - Minority Supplement (Year 2) - 11530-FA32
  Sponsor: National Heart, Lung and Blood Institute (NHLBI)/NIH
  Co-PI:

Williams, Harriet
National Writing Project - 12530-FL03
  Sponsor: National Writing Project Corporation/USDE
  Co-PI:

Youngstedt, Shawn
Bright Light: A Novel Treatment for Anxiety - 11530-JA01
  Sponsor: Litebook Company
  Co-PI:

Health Promotion, Education & Behavior
Cassady, Ann
GA: Jacob Mills Ramsey - 11540-GP19
  Sponsor: SC Department of Health & Environmental Control (DHEC)
  Co-PI:

GA: Gregory Dominick - 11540-LP24
  Sponsor: Lexington Medical Center- Health Directions
  Co-PI:

GA: Vinay Jagadeesha - 11540-LP29
  Sponsor: The Salvation Army
  Co-PI:
Richter, Donna
   Institute for HIV Prevention Leadership  -  11500-FA04
   Sponsor: Association of Schools of Public Health/CDC
   Co-PI:
   1,921,968

Health Services Policy and Management
Xirasagar, Sudha
   GA: Anchal Malik  -  11550-FP05
   Sponsor: WJB Dorn VAMC/VA
   Co-PI:
   12,500

   GA: Monica Brahmbhatt  -  11550-JP61
   Sponsor: Blue Cross Blue Shield of South Carolina
   Co-PI:
   3,400

Research & Nutrition & Health Disparities, Center for
Mayer-Davis, Elizabeth
   Look AHEAD  -  11590-FA13
   Sponsor: Wake Forest University/NIH
   Co-PI:
   39,849

Research & Health Sciences, Vice President
Families in Society, Institute for
Flerx, Vicki
   Bullying Prevention Program Dissemination  -  10010-LL00
   Sponsor: Clemson University
   Co-PI:
   10,380

Luckey, Irene
   Design, Implementation and Evaluation of Sisters of Charity Foundation's Proactive
   Grantmaking  -  10010-K120
   Sponsor: Sisters of Charity Foundation
   Co-PI:
   177,600
Social Work, College of

**Blume, Catherine**
*To Provide Evaluation Services for the South Carolina Department of Mental Health's School-Based Mental Health Program - 15900-GL16*

**Sponsor:** SC Department of Mental Health  
**Co-PI:**  
**Total:** 34,379

**DeHart, Dana**
*Poly-victimization History among Girls Adjudicated Delinquent - 15900-FA08*

**Sponsor:** National Institute of Justice (NIJ)/DOJ  
**Co-PI:**  
**Total:** 297,888

**Flynn, Cynthia**
*South Carolina Interagency Deaf-Blind Project - 15900-FL35*

**Sponsor:** SC School for the Deaf and the Blind/USDE  
**Co-PI:**  
**Total:** 30,000

**Forrest, Cynthia**
*Creating Child Welfare Professionals - 15900-FJ18*

**Sponsor:** Administration on Children & Families (ACF)/HHS  
**Co-PI:**  
**Total:** 74,999

**Poole, Dennis**
*GA: Raiza Mendoza - 15900-KR05*

**Sponsor:** SC Center for Equal Justice  
**Co-PI:**  
**Total:** 3,000

Student Affairs, Division of

**Willer, Patricia**
*US - Brazil Higher Education Consortia Program - 25100-FJ00*

**Sponsor:** UNC Charlotte/USDE  
**Co-PI:**  
**Total:** 16,740
Student Life
Talbott, Laura
 Choices for Success: USC Athletes and Peer Educators Team-Up to Impact Alcohol Use Among First-Year Students - 46300-KA00  
 Sponsor: National Collegiate Athletic Association
 Co-PI:

USC Aiken

USC Aiken
Priest, Jeffrey
 Aiken County Public School System/Science Center Affiliation - 17110-H403  
 Sponsor: Aiken County School System
 Co-PI:

USC Beaufort

USC Beaufort
Quick, Gail
 Pathways To Success - Matching Account - 17220-KL14  
 Sponsor: Arthur M. Blank Family Foundation
 Co-PI:

USC Upstate

USC Upstate
Ferrell, Jim
 Palmetto Professorship - 17880-K128  
 Sponsor: Carolina Piedmont Foundation
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