Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of
Brooks, Mark

Cultural Resource Management on the SRS - 21300-F110  
Sponsor: US Department of Energy (DOE)  
Co-PI:

Art
Heid, Karen

The 2008 NAEP Arts Assessment Reevaluated: Replication and Analysis - 12510-KA23  
Sponsor: National Art Education Foundation  
Co-PI:

Biological Sciences
Hughes, Austin

Evolution of Immune Recognition and Evasion - 13010-FB20  
Sponsor: National Institute of General Medical Sciences (NIGMS)/NIH  
Co-PI: Friedman, Robert

Chemistry & Biochemistry
Angel, S.

Remote Detection of High Explosive Vapors/Residues using Micro-Impulse Radar with Selective Multiphoton Laser Ionization and Sample Ablation (Micro-Impulse REMPI RADAR) - 13020-FB45  
Sponsor: Office of Naval Research (ONR)  
Co-PI:

Chen, Donna

Controlling Structural, Electronic and Energy Flow Dynamics of Catalytic Processes Through Tailored Nanostructures - 13020-FB79  
Sponsor: University of Central Florida/DOE  
Co-PI: Monnier, John
Dawson, John  
*Reactivity of Transient Cyt P450 Oxygen Intermediates* - 13020-FB10  
*Sponsor:* National Institute of General Medical Sciences (NIGMS)/NIH  
*Co-PI:*  

*Editing: Journal of Inorganic Biochemistry* - 13020-J400  
*Sponsor:* Elsevier Science, Inc.  
*Co-PI:*  

Murphy, Catherine  
*Journal of Physical Chemistry Editorship* - 13020-KL00  
*Sponsor:* American Chemical Society  
*Co-PI:*  

Vogt, Thomas  
*Novel Nanotechnology using Pressure-Induced Auxetic Materials* - 22040-JA02  
*Sponsor:* Yonsei University/Korea Ministry of Education, Science and Technology (MEST)  
*Co-PI:*  

zur Loye, Hans-Conrad  
*SCUREF: SC0230 Amide/Borohydride Structural Analysis* - 13020-FB62  
*Sponsor:* SCUREF/WSRC/DOE  
*Co-PI:*  

**Criminology & Criminal Justice, Department of**  
Kaminski, Robert  
*Deaths in Custody Data Collection Project* - 12200-GA10  
*Sponsor:* SC Department of Public Safety  
*Co-PI:*  

**Geography**  
Carbone, Gregory  
*Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea-Level Conditions* - 13540-FA72  
*Sponsor:* SC Sea Grant / NOAA  
*Co-PI:*
Dow, Kirstin
Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea-Level Conditions  -  13540-FA73
Sponsor: SC Sea Grant Consortium/NOAA

Knapp, Camelia
Processing and Interpretation of TGS-NOPEC Industry Seismic Data and Integration with Existing Surface-Source/Deep-Receiver (SSDR) High Resolution Seismic Data at MC118, Gulf of Mexico  -  13040-FB53
Sponsor: Univ of Mississippi (Mississippi Mineral Resources Institute)/DOE

Thunell, Robert
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program  -  13040-FB59
Sponsor: National Science Foundation (NSF)

Rosenfeld, Carl
Support for Jiajie Ling for an Extended Stay at Fermilab.  -  13070-KA13
Sponsor: Universities Research Association, Inc.

Support for Xinchun Tian for Travel to Fermilab  -  13070-KA14
Sponsor: Universities Research Association at FERMI National Accelerator Lab

Tyer, Charlie
GA: Heidi Vaughn  -  13570-KP10
Sponsor: Safe Kids South Carolina

Political Science
**Psychology**

Brown, Martha

- **GA:** Jacquelyn McDaniel - 13580-GP24
- **Sponsor:** SC Department of Mental Health - Morris Village
- **Co-PI:** Smith, Bradley

- **GA:** Claire Roof - 13580-HP32
- **Sponsor:** Lexington School District Two

Prinz, Ron

- **Project:** Creating the Scientific Infrastructure for the Promise Neighborhood Initiative - 13580-FA76
- **Sponsor:** Oregon Research Institute/NIH

**Public Service & Policy Research, Institute for**

Oldendick, Robert

- **Project:** Monitoring Public Awareness of and Experiences with H1N1 Flu - 21100-FL31
- **Sponsor:** SC Department of Health & Environmental Control/HHS

**Science Education, Center for**

Jordan, Don

- **Project:** Junior Science & Humanities Symposium (JSHS) 2010 - 13090-FJ05
- **Sponsor:** Academy of Applied Sciences/DOD

**Business & Finance**

**Energy Services**

Stevenson, Charles

- **Project:** Energy Efficiency Funding for Public School Districts, Public Colleges and Universities, and State Agencies - 50040-FQ00
- **Sponsor:** SC Energy Office/US Department of Energy

**Environmental Health and Safety**

Syfert, Tom

- **Project:** University of South Carolina Disaster Resistant Hazard Mitigation Plan - 67010-FL00
- **Sponsor:** SC Emergency Management Division/FEMA
Education, College of Instruction & Teacher Education

Boutte, Gloria

*The Impact of Culturally Relevant Teaching on Rural, African American Students’ Achievement* - SC State University Subaward to USC - 15250-FA21

**Sponsor:** SC State University /USDA

**Co-PI:**

James, Ellen

*Writing Improvement Network - USC Subaward from Benedict College* - 15250-FL31

**Sponsor:** Benedict College/SC Commission on Higher Education/USDE

**Co-PI:**

Knopf, Herman

*ARRA Child Care Quality Enhancement Project* - 15250-FJ37

**Sponsor:** SC Department of Social Services (DSS)/HHS

**Co-PI:** Freeman, Nancy

Lotter, Christine

*ICoach - Teacher Teams Professional Development Program for Middle Schools - Year 3* - 15250-GA01

**Sponsor:** SC Department of Education

**Co-PI:** Ely, Berten  Yow, Jan  Barbeau, David

Office of Program Evaluation

Petruulis, Robert

*Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2009-2010)* - 15290-GL37

**Sponsor:** SC School Districts/SCDE

**Co-PI:**
Sponsored Awards Management (SAM)  
November, 2009  New Awards

Engineering & Computing, College of

Chemical Engineering

Amiridis, Michael

Experimental Program to Stimulate Competitive Research & Institutional Development (RII) - 61000-FA00

Sponsor: SC Research Authority (SCRA)/SC EPSCoR/NSF

Co-PI:

Ritter, James

Development of Rapid Cycle Pressure Swing Adsorption Oxygen Concentrators for Extraterrestrial Applications - 15510-FB66

Sponsor: College of Charleston/NASA EPSCoR

Co-PI:

Van Zee, John

I/UCRC Fuel Cell Center - Operating Account - 15510-JA11

Sponsor: Various Sponsors

Co-PI: Amiridis, Michael

Williams, Christopher

Testing of CO2-Amine Interactions - 15510-JA74

Sponsor: ALSTOM Power Inc.

Co-PI:

Civil & Environmental Engineering

Huynh, Nathan

An Agent-Based Ramp Metering Approach to Improve Highway Safety and Efficiency Using a Dynamic Traffic Assignment Framework - 15520-FA76

Sponsor: SC State University/USFHWA

Co-PI:

Rizos, Dimitris

Vanadium Steel Non-Standard (not a standard military bridge set) Fixed Bridge Case Study Proposal - 15520-FA36

Sponsor: Advanced Technology Institute/DOD

Co-PI: Ziehl, Paul Harrison, Kenneth
**Electrical Engineering**

Koley, Goutam

Graphene Based NOx Detector  -  15530-FB00

**Sponsor:** Structured Materials Industries, Inc./NSF

**Co-PI:**

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**Mechanical Engineering**

Reifsnider, Kenneth

Advanced Solid Oxide Fuel Cells for Soldier Portable Power  -  15540-FB42

**Sponsor:** WinTec Arrowmaker/US Army

**Co-PI:** Reifsnider, Kenneth  Chen, Fanglin  Xue, Xingjian

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Reynolds, Anthony

NASA MIPR Funds  -  15540-FB41

**Sponsor:** South Dakota School of Mines & Technology/NSF

**Co-PI:**

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**FSP I/UCRC Operation Account**  -  15540-JA21

**Sponsor:** Various Sponsors

**Co-PI:**

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**Honors College, South Carolina**

**Honors College, South Carolina**

Tanner, Patsy

Center One at Fort Jackson, Program Support  -  12010-FA05

**Sponsor:** Fort Jackson

**Co-PI:**

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**Hospitality, Retail & Sport Management, College of**

**Hotel, Restaurant & Tourism Administration**

Li, Xiang (Robert)

Establishing a Japan Travel Trade Barometer Program  -  14050-KA07

**Sponsor:** National Tour Association

**Co-PI:** Harrill, Richard
Medicine, School of

Cell & Developmental Biology & Anatomy

Goodwin, Richard

**The Role of Fluid Flow in Valvulogenesis - Diversity Supplement for A. Franco-Roberts** - 18020-FA65

*Sponsor:* National Heart, Lung, and Blood Institute (NHLBI)/NIH

*Co-PI:*

Lessner, Susan

**The South Carolina Center of Biomaterials for Tissue Regeneration (CBTR) - Proposed COBRE Program** - 18020-FA64

*Sponsor:* Clemson University/NIH

*Co-PI:*

Family & Preventive Medicine

McDermott, Suzanne

**SC Data Management & Biostatistics** - 18130-GL17

*Sponsor:* SC Department of Disabilities & Special Needs (DDSN)/HHS

*Co-PI:*

Internal Medicine

Albrecht, Helmut

**Perinatal HIV Prevention Case Management** - 18190-FL75

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

*Co-PI:* Raley, Nancy

Eleazer, Paul

**Senior Mentor Programs for the Carolinas** - 18190-KL04

*Sponsor:* Fullerton Foundation

*Co-PI:* Dever-Bumba, Maureen Stewart, Thomas Wieland, Darryl

Owens, William

**ACCESS: A Controlled Comparison of Eritoran Tetrasodium and Placebo in Patients with Severe Sepsis** - 18190-JA35

*Sponsor:* Eisai Medical Research, Inc.

*Co-PI:*
## Medicine Library

Yeh, Felicia  

**Building Partnerships Between Libraries and Community Emergency Management Personnel in South Carolina**  -  18280-FL07

- **Sponsor:** National Network of Libraries of Medicine (NN/LM)  
- **Co-PI:**

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## Medicine, School of - (Dean)

Fowler, Stanley  

**USCSOM and SC ORH Rural Outreach Contract**  -  18000-FL00

- **Sponsor:** SC Department of Health and Human Services/HHS  
- **Co-PI:** Howe, Duncan

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## Neuropsychiatry

Mrelashvili, Davit  

**Gene Expression and Diagnosis of Autoimmune Disease**  -  18120-JA12

- **Sponsor:** Arthrochip, LLC  
- **Co-PI:**

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## Pathology & Microbiology

Pirisi-Creek, Lucia  

**Papillomavirus Conferences 2007-12**  -  18060-FA34

- **Sponsor:** National Cancer Institute (NCI)/NIH  
- **Co-PI:**

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## Ray, Swapan  

**Extra-nigral Neurodegeneration in Experimental Parkinson's Disease (Subcontact)**  -  18060-FA49

- **Sponsor:** Medical University of South Carolina (MUSC)/NIH  
- **Co-PI:**

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**Inflammation and Degeneration of Optic Nerve in EAE (Subcontract)**  -  18060-FA50

- **Sponsor:** Medical University of SC/NIH  
- **Co-PI:**

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**Pediatrics**

Ferrante, Richard

*Autism Spectrum Disorder Collaborative Research Project* - 18140-FA13  
_Sponsor:_ Association of University Centers on Disabilities/CDC  
_Co-PI:_  
**17,307**

AMERICORP Contract - 18140-FJ19  
_Sponsor:_ United Way Assoc of SC (UWASC)/Corporation for National and Community Service  
_Co-PI:_  
**4,000**

*Autism Consultation Services* - 18140-FL86  
_Sponsor:_ Sumter School District 17/USDE  
_Co-PI:_  
**10,000**

Jackson, Malaka

*(MS 305) Increlex (mecasermin [rDNA origin] injection) Growth Forum Database IGFD Registry: A Patient Registry for Monitoring Long-term Safety and Efficacy of Increlex* - 18140-JA17  
_Sponsor:_ Tercica, Inc.  
_Co-PI:_ Jackson, Malaka  
**733**

Kotchmar, George

*SC DHEC Div of STD/HIV 09-10* - 18140-FL88  
_Sponsor:_ SC Department of Health & Environmental Control (DHEC)/HHS  
_Co-PI:_  
**3,800**

Schwartz, I. David

*The Genetics and Neuroendocrinology of Short Stature Interantional Study* - 18140-JA13  
_Sponsor:_ Eli Lilly & Company  
_Co-PI:_  
**5,990**

**Pharmacology, Physiology & Neuroscience**

McDonald, Alexander

*Functional Neuroanatomy of the Basolateral Amygdala* - 18080-FA09  
_Sponsor:_ Emory University/NIH  
_Co-PI:_  
**26,013**
Sponsored Awards Management (SAM)
November, 2009   New Awards

Reagan, Lawrence
Insulin and CNS Control of Body Weight  -  18080-FA14  48,837
  Sponsor: University of Cincinnati/NIH
  Co-PI:

Surgery
Yost, Michael
Skeletal Muscle Derived Stem Cells  -  18200-LA00  60,000
  Sponsor: New York University
  Co-PI:

Nursing, College of
Nursing
Heiney, Sue
Teleconference Group: Breast Cancer in African Americans (STORY)  -  11200-FA11  9,608
  Sponsor: National Cancer Institute(NCI)/NIH
  Co-PI:

Pharmacy, SC College of
Clinical Pharmacy and Outcome Sciences
Bookstaver, Brandon
Evaluation of Compatibility and Stability of Daptomycin in an Antibiotic-anticoagulant Lock Solution  -  11150-JA10  21,099
  Sponsor: Cubist Pharmaceuticals
  Co-PI: Sutton, Scott

Pharmaceutical and Biomedical Sciences
Wyatt, Michael
Folate Status, Genomic Uracil, and the Balance of Base Excision Repair Activity  -  11110-FA39  172,960
  Sponsor: National Cancer Institute (NCI)/NIH
  Co-PI:
Provoost, Office of the Provost, Office of the Spearen, Charlene
The Big Read Grant - 61000-FL00 14,750
Sponsor: Arts Midwest/NEA
Co-PI:

Memory to Memoirs Project - 61000-KJ00 2,500
Sponsor: Columbia Jewish Federation
Co-PI:

Public Health, Arnold School of Center for Health Services & Policy Research
Fore, Margaret
Evaluation of Systems Transformation - 11580-FA37 57,898
Sponsor: SC Lieutenant Governor's Office on Aging/HHS
Co-PI:

Epidemiology & Biostatistics
Karmaus, Wilfried
Organochlorine Exposure and Gene Expression of Sex Steroids in a Multigenerational Cohort of Michigan Fish Eaters - 11520-FA82 13,122
Sponsor: Michigan State University/ATSDR/CDC
Co-PI:

Puett, Robin
Particulate Exposure and Cardiovascular Disease in the HPFS - 11520-FA87 71,120
Sponsor: National Institute of Environmental Health Sciences (NIEHS)/NIH
Co-PI:

Air Pollution and Cognitive Aging in Older Women 53,715
- 11520-FA97
Sponsor: Rush University Medical Center/NIH
Co-PI:
Sponsored Awards Management (SAM)

November, 2009  New Awards

Svendsen, Erik

Contract Between SCDHEC and USC to Provide Services of an Environmental Epidemiologist - 11520-FA88

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

Co-PI:  

Health Services Policy and Management

Martin, Amy

Development of an Environmental Scan of South Carolina Healthcare Providers that use Electronic Medical Records and a State Level Health Information Exchange - 11550-GL01

Sponsor: SC Department of Health & Human Services

Co-PI:  

Xirasagar, Sudha

GA: Neema Patel and Myra Wearing Cochran - 11550-FP16

Sponsor: Dorn VA Hospital

Co-PI:  

GA: Kolby Taylor - 11550-KP27

Sponsor: SC Hospital Association

Co-PI:  

GA: Furman Donald Lovett - 11550-LR25

Sponsor: Palmetto Health, Corporate

Co-PI:  

GA: Jonathan Hand - 11550-LR26

Sponsor: Palmetto Health

Co-PI:  

Public Health, Arnold School of - Dean

Richter, Jane

South Carolina H1N1 Pandemic Influenza Supplemental Grant - 11500-FL20

Sponsor: VW International, Inc

Co-PI:  

Smith, Lillian

2008-2010 Public Health Practice Postgraduate Program - 11500-GL03

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

Co-PI: Hand, Gregory
**Public Health, Arnold School of - General**

Truell, Deborah

*Type 1 Diabetes Genetics Consortium* - 11590-FL00

*Sponsor:* Benaroya Research Institute at Virginia Mason/NIH

**USC Aiken**

**USC Aiken**

Priest, Jeffrey

*University of South Carolina Aiken Gifted and Talented Graduate Courses Program* - 17110-GL40

*Sponsor:* SC Department of Education

**Senn, Gary**

*Science & Technology Enrichment Program (STEP)* - 17110-KL03

*Sponsor:* National Audubon Society, Inc.

**USC Lancaster**

**USC Lancaster**

Gregory, Sherri

*New USC Lancaster Gateway: Phases I and II* - 17550-HL00

*Sponsor:* City of Lancaster

**USC Salkehatchie**

**USC Salkehatchie**

Rice, Anne

*WCHEC/USDA RBEG - Leadership Institute Operations Subaward* - 17660-FL27

*Sponsor:* Western Carolina Higher Education Commission/USDA
Report Total: $8,467,671