

***SPONSORED AWARDS MANAGEMENT (SAM)***  
***Deans Report - FY2004***

**Business & Finance**

*Campus Services*

**Pergolizzi, Laura**

- \* *Waste Warrior Recycling Bins - (50070-GL02)* **\$5,875**  
*Sponsor:* SC Department of Health & Environmental Control

*Facilities Management/Operational Services*

**Knowles, Thomas**

- \* *Continuing Education and Training - (50020-FJ00)* **\$6,600**  
*Sponsor:* SC Forestry Commission/USDA

**Business, Moore School of**

*Business Administration - Division of Research*

**Folks, William**

- \* *Center for International Business Education & Research (CIBER) - (21200-FA09)* **\$362,300**  
*Sponsor:* USCRF/US Department of Education (USDE) - General

**Roenfeldt, Rodney**

- \* *GA: Carolina First Bank - (21200-JP70)* **\$5,200**  
*Sponsor:* Carolina First Bank

- \* *GA: SC Department of Transportation - (21200-GP15)* **\$2,952**  
*Sponsor:* SC Department of Transportation

- \* *GA: TwoToads.Com - (21200-JP68)* **\$7,430**  
*Sponsor:* TwoToads.Com

**Schunk, Donald**

- \* *Economic Impact of the SC Education Lottery - (21200-JA09)* **\$28,206**  
*Sponsor:* USCRF/Chernof, Silver, Newman, Saylor, Gregory

- \* *Income, Poverty and Employee Benefits in the South - (21200-KA06)* **\$17,922**  
*Sponsor:* USCRF/The Southern Institute on Children & Families

**Woodward, Douglas**

- \* *Economic Impact of the Proposed Palmetto Health Satellite Facility -* **\$15,295**  
*Sponsor:* USCRF/Palmetto Health Richland

*Business Administration - Division of Research*

- \* *Economic Localization in Action: The Impact of the Coca-Cola System in Kenya - (21200-JA08)* **\$97,942**  
*Sponsor:* USCRF/Coca-Cola Southern & East Africa Ltd.

*Small Business Development Center*

**Lenti, John**

- \* *Defense Economic Transition Assistance - (21250-FL16)* **\$100,000**  
*Sponsor:* USCRF/Small Business Administration (SBA) - General  
*Co-PI:* **Brazell, James**
  
- \* *Defense Economic Transition Assistance - (21250-FL22)* **\$133,944**  
*Sponsor:* USCRF/Small Business Administration (SBA)
  
- \* *Defense Procurement Technical Assistance for Business-USC - (21250-FL21)* **\$49,573**  
*Sponsor:* Defense Logistics Agency/DOD
  
- \* *Military Base Task Force - (21250-GA00)* **\$10,000**  
*Sponsor:* SC Military Base Task Force
  
- \* *Procurement Technical Assistance Program for Business - (21250-FL18)* **\$88,619**  
*Sponsor:* Defense Logistic Agency/DOD
  
- \* *SBDC - USC - (21250-FL20)* **\$324,207**  
*Sponsor:* Small Business Administration (SBA) - General
  
- \* *SBDC-State Director's Office - (21250-FL19)* **\$176,954**  
*Sponsor:* Small Business Administration (SBA) - General

**Education, College of**

*Education*

**Field, Bruce**

- \* *Teacher Cadet Program - (15200-G221)* **\$9,002**  
*Sponsor:* SC Center for Teacher Recruitment

**Gredler, Margaret**

- \* *Evaluation of the Special Education State Improvement Grant Implementation - (15290-FA01)* **\$94,122**  
*Sponsor:* SC Department of Education/USDE

**Michaels, David**

- \* *Reading First Data Warehouse - (15200-FL01)* **\$25,515**  
*Sponsor:* SC Department of Education/USDE

*Education*

**Mills, Heidi**

- \* *South Carolina Reading Initiative K-5 - (15250-GJ08)* **\$30,000**  
*Sponsor:* SC Department of Education

**Seaman, Michael**

- \* *Evaluation of Arts Participation Initiative - Year 2 - (15290-GA01)* **\$20,000**  
*Sponsor:* SC Arts Commission

*Education Leadership & Policies*

**Amsterdam, Christina**

- \* *Development of a Classified Employee Evaluation Instrument - (15270-HL00)* **\$5,953**  
*Sponsor:* Orangeburg Consolidated School District 4

**Lowery, John**

- \* *GA: Area Coordinator for Upperclass Housing - (15230-LP06)* **\$12,500**  
*Sponsor:* Columbia College

- \* *GA: Columbia College - (15230-LP04)* **\$6,050**  
*Sponsor:* Columbia College

- \* *GA: Orientation and Leadership Development - (15230-LP07)* **\$12,538**  
*Sponsor:* Columbia College

- \* *GA: Student Activities and Student Union Programs - (15230-LP08)* **\$12,538**  
*Sponsor:* Columbia College

- \* *GA: Student Affairs Program Coordinator - (15230-LP05)* **\$12,500**  
*Sponsor:* Columbia College

**Monrad, Diane**

- \* *A Descriptive Study of the Gifted and Talented Program in South Carolina - (15270-GA06)* **\$100,000**  
*Sponsor:* SC Education Oversight Committee

- \* *Reading First Evaluation - (15270-FA01)* **\$143,193**  
*Sponsor:* SC Department of Education/USDE

**Stevenson, Kenneth**

- \* *Evaluation of the "TECH" Program of the Educational Television Endowment of South Carolina - (15230-FA00)* **\$39,881**  
*Sponsor:* SC ETV/NSF

*Education Leadership & Policies*

**Thompson, Thomas**

- \* *Project Inquiry Continuation Grant - (15230-FL06)* **\$49,755**  
*Sponsor:* Berkeley County School District/NSF

*Educational Psychology*

**Brown, William**

- \* *Preparation of Leadership Personnel - (15240-FJ00)* **\$199,271**  
*Sponsor:* US Department of Education (USDE) - General

**Drasgow, Erik**

- \* *Establishing the 3 Rs - (15240-FA01)* **\$42,456**  
*Sponsor:* USCRF/University of Illinois/USDE

**Huynh, Huynh**

- \* *Technical Support for SC End-of-Course Examinations - (15240-GA09)* **\$15,000**  
*Sponsor:* SC Department of Education

**Johnson, Robert**

- \* *Analysis of Survey Response for South Carolina READS - (15290-GL09)* **\$36,668**  
*Sponsor:* SC Department of Education

- \* *High School Initiatives Evaluation Plan - (15290-HL00)* **\$43,242**  
*Sponsor:* Richland School District Two

- \* *Reading First Evaluation - (15290-FA02)* **\$143,193**  
*Sponsor:* SC Department of Education/USDE

**Marshall, Kathleen**

- \* *South Carolina Project CREATE - (15240-FJ01)* **\$47,452**  
*Sponsor:* SC Department of Education/USDE

**Yell, Mitchell**

- \* *Preparing Future Teachers of Students with Emotional and Behavioral Disorders to Conduct Functional Behavioral Assessments and to Develop Effective Positive Behavior Support Plans that Include Antecedent Academic Interventions -* **\$191,654**

*Sponsor:* US Department of Education (USDE) – General

*Co-PI:* **Drasgow, Erik**

- \* *State Improvement Partnership Grant - (15240-FL01)* **\$25,000**  
*Sponsor:* SC Department of Education/USDE

## *Instruction & Teacher Education*

### **Battle-Bailey, Lora**

- \* *Increasing Second and Third Grade Teachers' Mathematics Knowledge using Standards-Based Instructional Strategies and Homework - (15250-GJ04)* **\$78,588**  
*Sponsor:* SC Commission on Higher Education

### **Brown, Mac**

- \* *Graduate Coursework and Certification for Early Childhood Faculty and Mentors - (15250-FJ05)* **\$212,261**  
*Sponsor:* SC Department of Health & Human Services/HHS  
*Co-PI:* **Freeman, Nancy**

### **Clonts, Christy**

- \* *Exemplary Writing Awards Program - (15250-GL15)* **\$25,000**  
*Sponsor:* SC Department of Education
- \* *South Carolina Reading Initiative K-5 Continuing Contract - (15250-GL14)* **\$10,000**  
*Sponsor:* SC Department of Education
- \* *South Carolina Reading Initiative-Middle Grades (SCRI-MG) - (15250-GL13)* **\$10,000**  
*Sponsor:* SC Department of Education
- \* *Writing Improvement Network - (15250-GL12)* **\$242,158**  
*Sponsor:* SC General Assembly/EIA

### **DeFord, Diane**

- \* *SCRI Continuing Contact Professional Development - (15250-GJ09)* **\$10,000**  
*Sponsor:* SC Department of Education

### **Ebert, Christine**

- \* *Proposal to Evaluate the Center for Ocean Science Education Excellence Central Coordinating Office - (15290-FL00)* **\$23,048**  
*Sponsor:* USCRF/Consortium for Oceanographic Research/NSF
- \* *Proposal to Evaluate the Southeastern Regional Center for Ocean Science Education Excellence - (15290-FL02)* **\$33,400**  
*Sponsor:* SC Sea Grant Consortium/NOAA

### **Freeman, Nancy**

- \* *Child Care Access Means Parents in Schools (CCAMPIS) - (15250-FL06)* **\$75,678**  
*Sponsor:* US Department of Education (USDE) - General

### **Kuhs, Therese**

- \* *Partners for the Enhancement of Clinical Experiences - (15250-F440)* **\$534,314**  
*Sponsor:* US Department of Education (USDE) - General

*Instruction & Teacher Education*

**Long, Susi**

- \* *SC READS - (15250-GL17)* **\$70,000**  
*Sponsor:* SC Department of Education

**Singer, Jonathan**

- \* *Middle School Science Curriculum Materials: Meeting Standards and Fostering Inquiry through Learning Technology - (15250-FA05)* **\$59,282**  
*Sponsor:* USCRF/University of Minnesota/NSF

- \* *Middle School/Higher Education Partnerships in Science Education -* **\$124,937**  
*Sponsor:* SC Commission on Higher Education/SC Dept. of Education/USDE

- \* *USC-PT3 Consortium to Improve the Technology Education of Pre-Service Teachers - (15250-FJ02)* **\$271,472**  
*Sponsor:* US Department of Education (USDE) - General

**Stephens, Diane**

- \* *Reading First Course - (15250-GJ07)* **\$75,600**  
*Sponsor:* SC Department of Education

- \* *Reading First Video Coordination - (15250-FL16)* **\$10,352**  
*Sponsor:* SC Department of Education/USDE

- \* *SCRI Reading Initiatives - SDE - Spring and Summer 2004 - (15250-FL15)* **\$25,056**  
*Sponsor:* SC Department of Education

**Styslinger, Mary**

- \* *National Writing Project - (15250-F421)* **\$43,000**  
*Sponsor:* National Writing Project/USDE

- \* *SCRI - Middle Grades - (15250-GL16)* **\$20,000**  
*Sponsor:* SC Department of Education

**Swick, Kevin**

- \* *USC Learn and Serve America CHESP - (15250-FJ06)* **\$15,000**  
*Sponsor:* SC Department of Education/USDE

*Office of Program Evaluation*

**Fisher, Steven**

- \* *Analyze the Effect of National Board Certification on Student Achievement in South Carolina - (15290-GL08)* **\$89,622**  
*Sponsor:* Center for Educator Recruitment, Retention & Advancement

*Office of Program Evaluation*

**Yap, Ching**

- \* *Arts Assessment Institute (AAI) - 2004 - (15290-GJ00)* **\$120,000**  
*Sponsor:* Arts in Basic Curriculum Project/SC Department of Education
  
- \* *Standards-Based Arts Assessment in South Carolina Music and Visual Arts Assessment for Distinguished Arts Programs - (15290-GL06)* **\$148,000**  
*Sponsor:* SC Department of Education
  
- \* *Standards-Based Arts Assessment in South Carolina: Year 3 (Music and Visual Arts) - (15290-GL04)* **\$83,217**  
*Sponsor:* SC Department of Education
  
- \* *Study the Effects of Arts Education Reform (Year 05) - (15290-GL05)* **\$36,000**  
*Sponsor:* Winthrop University
  
- \* *The South Carolina Arts Assessment Project - (15290-GL03)* **\$75,000**  
*Sponsor:* SC Department of Education

*Physical Education*

**French, Karen**

- \* *GA: Richland School District 1 - (15210-HP00)* **\$32,000**  
*Sponsor:* Richland School District One
  
- \* *USDA Summer Feeding Program - (15210-FL03)* **\$1,071,810**  
*Sponsor:* US Department of Agriculture (USDA) - General

**Mensch, James**

- \* *GA: Richland School District One - (15210-HP03)* **\$12,000**  
*Sponsor:* Richland County School District One

**Rink, Judith**

- \* *Physical Education Assessment Program - (15210-KL00)* **\$12,000**  
*Sponsor:* SC Alliance for Health Physical Education, Recreation and Dance

*School Improvement Council Assistance*

**Norman, Jean**

- \* *SC School Improvement 2003-04 - (15280-GL03)* **\$138,759**  
*Sponsor:* SC School Improvement/SC General Assembly
  
- \* *South Carolina School Improvement Council - (15280-GL04)* **\$180,192**  
*Sponsor:* SC Legislative Council

## Engineering & Information Technology, College of

### Chemical Engineering

#### Amiridis, Michael

- \* *Carbonyl Sulfide Removal from Propane - (15510-KA06)* **\$71,759**  
*Sponsor:* USCRF/Gas Processors Association
  
- \* *Catalytic Performance of Metal Particles on Mesoporous Supports - (15510-FA13)* **\$46,750**  
*Sponsor:* USCRF/UT-Battelle LLC/DOE
  
- \* *Fundamental FTIR Studies of the Mechanism of NO<sub>x</sub> Reduction under FCC Regeneration Conditions - (15510-JA35)* **\$58,000**  
*Sponsor:* USCRF/W.R. Grace & Co.
  
- \* *Synthesis and Studies of Bimetallic Catalysts in Solution on Supports -* **\$95,000**  
*Sponsor:* US Department of Energy (DOE) - General

#### Balbuena, Perla

- \* *Abi Initio-Molecular Dynamics Investigations of Reaction Mechanisms for Catalysis and Electrocatalysis - (15510-FQ01)* **\$200,880**  
*Sponsor:* USCRF/Department of the Army/DOD
  
- \* *Bimetallic and Trimetallic Nanoparticles for Fuel Cell Electro-catalysts -* **\$92,499**  
*Sponsor:* USCRF/US Department of Energy (DOE) - General
  
- \* *Modeling Lithium-Ion Conducting - (15510-FA23)* **\$35,000**  
*Sponsor:* USCRF/University of Dayton Research Institute/DOD

#### Bender, Jonathan

- \* *Polymer-Mediated Boundary Lubrication - (15510-KA09)* **\$35,000**  
*Sponsor:* USCRF/American Chemical Society

#### Davis, Thomas A.

- \* *Centralized Hydrogen Production from Nuclear Power: Infrastructure Analysis and Test Case Design - (15510-FA25)* **\$36,820**  
*Sponsor:* SC Universities Research and Education Foundation/WSRC/DOE
  
- \* *Electrodialysis of Caustic Electrolyte Waste - (15510-JA36)* **\$45,000**  
*Sponsor:* USCRF/Gibbs Energy, LLC
  
- \* *Removal of Rubber from Vent Holes in Tire Molds - (15510-JA34)* **\$15,000**  
*Sponsor:* USCRF/Michelin Americas R & D Corp.

## Chemical Engineering

### Gadala-Maria, Francis

- \* *Plan to Increase the Number of Minority Ph.D. Graduates from the Department of Chemical Engineering at USC - (15510-KJ00)* **\$12,000**  
**Sponsor:** Alfred P. Sloan Foundation

### Gatzke, Edward

- \* *CAREER: Mixed-Integer Nonlinear Programming Approaches for Hydrogen Production Systems - (15510-FA35)* **\$6,000**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General
- \* *Continuum and Molecular Model Development of Chemical Process Systems - (15510-FA46)* **\$45,577**  
**Sponsor:** SC Universities Research & Education Foundation (SCUREF)/DOE

### Matthews, Michael

- \* *Biomedical Industry Research Traineeship - (15510-FJ00)* **\$20,000**  
**Sponsor:** SC BRIN/EPSCoR
- \* *Enhanced Learning in Undergraduate Education: A Research Communications Studio - (15510-FA18)* **\$12,000**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI: Alford, Elisabeth; Thompson, Nancy**
- \* *Phase I of Research on Powder Sodium Borohydride - (15510-JA39)* **\$13,729**  
**Sponsor:** USCRF/Daimler Chrysler
- \* *Processing of Materials for Improved Biocompatibility -Supplement for Underrepresented Minorities - (15510-FA53)* **\$5,736**  
**Sponsor:** USCRF/National Institute of Biomedical Imaging and Bioengineering/NIH
- \* *Processing the Materials for Improved Biocompatibility - (15510-FA17)* **\$972,478**  
**Sponsor:** USCRF/National Institute of Biomedical Imaging & Bioengineering/HHS

### Ploehn, Harry

- \* *Modeling Efforts for the Advanced Alternate Power Source - (15510-FA28)* **\$82,176**  
**Sponsor:** USCRF/US Government (USG) - General

### Popov, Branko

- \* *Development of a New Composite Cathode for Primary Batteries Based on AgV205 Doped with Polypyrrole or Strontium - (15510-JA38)* **\$170,759**  
**Sponsor:** USCRF/Pacesetter, Inc./St Jude Medical
- \* *Development of a New Process for Plating Thin Films of Zn-Ni-P-X Quaternary Alloys on to Steel to Prevent Corrosion and Hydrogen Embrittlement - (15510-JA26)* **\$25,000**  
**Sponsor:** American Electroplaters & Surface Finishers Society, Inc.

## Chemical Engineering

* <i>Development of Novel Process for Plating Nanostructured Ternary Alloys and Composites for Replacement of Cadmium Coatings - (15510-FA48)</i>	<b>\$59,759</b>
<i>Sponsor:</i> USCRF/Office of Naval Research/DOD	
* <i>Investigations into the Performance of Various Corrosion Resistant Reinforcement Steel in Highway Bridges - (15510-FA42)</i>	<b>\$85,000</b>
<i>Sponsor:</i> SC Department of Transportation/FHWA	
* <i>Novel Non-Precious Metal Catalyst for PEMFC: Catalyst Selection Through Molecular Modeling and Durability Studies - (15510-FA44)</i>	<b>\$325,000</b>
<i>Sponsor:</i> USCRF/US Department of Energy (DOE) - General	
<b>Ritter, James</b>	
* <i>Development of an Adsorption Process Simulator for Extraterrestrial Applications - (15510-FA51)</i>	<b>\$20,000</b>
<i>Sponsor:</i> USCRF/National Aeronautics & Space Administration (NASA) - General	
* <i>Heat Transfer and Modeling of Next Generation Metal Hydride Beds -</i>	<b>\$32,378</b>
<i>Sponsor:</i> SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE	
* <i>High Capacity Complexes for Hydrogen Storage - (15510-FA43)</i>	<b>\$22,710</b>
<i>Sponsor:</i> SC Universities Research and Education Foundation/WSRC/DOE	
<i>Co-PI: Williams, Christopher; Ebner, Armin</i>	
* <i>Radically New Adsorption Cycles for Carbon Dioxide Sequestration -</i>	<b>\$50,000</b>
<i>Sponsor:</i> USCRF/US Department of Energy (DOE) - General	
* <i>Synthesis and Characterization of Nanostructured Materials for Hydrogen Storage - (15510-FA36)</i>	<b>\$25,000</b>
<i>Sponsor:</i> SC Research Authority/SC EPSCoR & SC BRIN/NSF	
<b>Van Brunt, Vincent</b>	
* <i>Filtration Research Engineering Demonstration - (15510-FA45)</i>	<b>\$161,516</b>
<i>Sponsor:</i> SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE	
* <i>Pilot Scale Rotary Microfilter Testing - (15510-FA39)</i>	<b>\$84,798</b>
<i>Sponsor:</i> SC Universities Research and Education Foundation (SCUREF)/WSRC/DOE	
<b>Van Zee, John</b>	
* <i>Computer Simulation of New Flow Field(s) for PEMFCs - (15510-JA29)</i>	<b>\$2,807</b>
<i>Sponsor:</i> USCRF/GE Global Research	
* <i>I/UCRC Project 15B - (15510-JA16)</i>	<b>\$37,250</b>
<i>Sponsor:</i> USCRF/Various Sponsors	

## Chemical Engineering

- \* *I/UCRC Project 18A - (15510-JA18)* **\$32,250**  
**Sponsor:** USCRF/Various Sponsors
  
- \* *I/UCRC Project 1B - (15510-JA12)* **\$30,250**  
**Sponsor:** USCRF/Various Sponsors
  
- \* *I/UCRC Project 23 - (15510-JA30)* **\$63,000**  
**Sponsor:** USCRF/Various Sponsors  
**Co-PI:** **Amiridis, Michael**
  
- \* *I/UCRC Project 25 - (15510-JA31)* **\$63,000**  
**Sponsor:** USCRF/Various Sponsors  
**Co-PI:** **Amiridis, Michael**
  
- \* *I/UCRC Project 26 - (15510-JA32)* **\$47,250**  
**Sponsor:** USCRF/Various Sponsors  
**Co-PI:** **Amiridis, Michael**
  
- \* *I/UCRC Project 28 - (15510-JA33)* **\$63,000**  
**Sponsor:** USCRF/Various Sponsors  
**Co-PI:** **Amiridis, Michael**
  
- \* *I/UCRC Project 7B - (15510-JA23)* **\$27,250**  
**Sponsor:** USCRF/Various Sponsors
  
- \* *I/UCRC Project 8B - (15510-JA24)* **\$27,250**  
**Sponsor:** USCRF/Various Sponsors
  
- \* *Performance and Corrosion Testing of 5-Cell PEMFC Stack - (15510-FA52)* **\$15,000**  
**Sponsor:** Tennessee Technological University/DOE
  
- \* *Testing of Gas Diffusion Media Performance Using Mathematical Models - (15510-JA28)* **\$50,000**  
**Sponsor:** USCRF/W.L. Gore & Associates, Inc.

## Weidner, John

- \* *Development of an Electrochemical Model for Simulating the Performance Behavior of a Prismatic Li/SOC12 Cell - (15510-FA49)* **\$41,035**  
**Sponsor:** USCRF/Sandia National Laboratory/DOE
  
- \* *REU Site: Materials Research in Chemical Engineering - (15510-FA50)* **\$85,000**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI:** **Van Zee, John**
  
- \* *REU Site: Novel Technologies for Pollution Prevention - (10060-FA00)* **\$107,492**  
**Sponsor:** National Science Foundation (NSF) - General
  
- \* *Sponsored Research Effort for Finnchem USA, Inc. - (15510-JA37)* **\$23,908**  
**Sponsor:** USCRF/Finnchem USA, Inc.

## Chemical Engineering

### Williams, Christopher

\* *Analysis of Carbon Deposition on Metal Surfaces - (15510-JA27)* **\$30,000**  
*Sponsor:* USCRF/Directed Technologies, Inc.

\* *CAREER: Investigation of Catalysis at Solid-Liquid Interface by Non-Linear Optical Spectroscopy - (15510-FA05)* **\$8,000**  
*Sponsor:* National Science Foundation (NSF) - General

## Civil & Environmental Engineering

### Anderson, Erik

\* *Center for Water Research & Policy - (15520-FA17)* **\$58,850**  
*Sponsor:* USCRF/US Department of Energy (DOE) - General

### Baus, Ronald

\* *Development of Improved Rideability Specifications for Rigid Pavements and Bridge Decks - (15520-FA24)* **\$297,806**  
*Sponsor:* SC Department of Transportation/DOT

\* *Investigation of Graded Aggregate Base (GAB) Courses - (15520-FA08)* **\$30,498**  
*Sponsor:* SC Department of Transportation/DOT

### Chaudhry, M. Hanif

\* *Development of a Standard Protocol for Evaluating Hydrologic and Hydraulic Engineering Software Models - (15520-FA19)* **\$100,000**  
*Sponsor:* National Academy of Sciences/FHWA

\* *ITS and Construction Management Modules: SCDoT Resident Construction Engineer Academy - (15520-FA21)* **\$159,438**  
*Sponsor:* SC Department of Transportation/FHA/DOT

### Gassman, Sarah

\* *5 Points Storm Water-Rocky Branch Culvert Investigation - (15520-JA09)* **\$8,500**  
*Sponsor:* USCRF/Wilbur Smith Associates

\* *CAREER: Extending Non-Destructive Infrastructure Assessment Techniques to Micropile Foundation - (15520-F138)* **\$10,000**  
*Sponsor:* National Science Foundation (NSF) - General

\* *Improving the Safety of South Carolina's Bridge Infrastructure Through Non-Destructive Evaluation of Unknown Bridge Foundations - (15520-FA26)* **\$34,200**  
*Sponsor:* SC State University/DOT

## Civil & Environmental Engineering

- \* *Workshop to Foster Academic Development of Women in Geotechnical Engineering - (15520-FA20)* **\$25,149**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

### Harries, Kent

- \* *CFRP Grid Splice Freeze Thaw Testing - (15520-KA04)* **\$7,525**

**Sponsor:** USCRF/Carbon Cast Manufacturers Association

**Co-PI:** Gassman, Sarah

- \* *Load Tests of CFRP Grid Reinforced Concrete Panels - (15520-JA08)* **\$4,627**

**Sponsor:** USCRF/Clark Schwebel Tech-Fab Company

- \* *Strength Characteristics of Corrugated Steel Pipe Repaired with Epoxy Materials - (15520-JA07)* **\$3,274**

**Sponsor:** USCRF/Warren Environmental Inc.

### Haselbach, Liv

- \* *Detention Basin Inventory - (15520-HA00)* **\$29,999**

**Sponsor:** Richland County Department of Public Works

**Co-PI:** Meadows, Michael

### Imran, Jasim

- \* *Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels - (15520-FA13)* **\$74,326**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

- \* *Investigation of Bridger Abutment Scour - (15520-GA06)* **\$19,170**

**Sponsor:** SC State University/SC DOT

- \* *Modeling the Impact of Extreme Events on Margin Sedimentation - (15520-FA23)* **\$34,970**

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

- \* *Numerical Modeling of Turbidity Current in Sinuous Submarine Channels - (15520-JA06)* **\$4,000**

**Sponsor:** USCRF/Shell International Exploration & Production

### Pierce, Charles

- \* *A Rapid-Setting Controlled Low-Strength Material Routine and Emergency Rehabilitation of Transportation Facilities - (15520-GA04)* **\$22,963**

**Sponsor:** SC State University Transportation Center

- \* *Permeability of Marine Limestone Aggregate - (15520-JA10)* **\$1,650**

**Sponsor:** USCRF/Wake Stone Corporation

### Ray, Richard

- \* *Cyclic Triaxial Testing - (15520-JA11)* **\$4,850**

**Sponsor:** USCRF/Florence & Hutcheson, Inc.

## *Civil & Environmental Engineering*

### **Rizos, Dimitris**

- \* *Feasibility Study for the Renovation of the Old Bishopville High School -* **\$5,000**  
*Sponsor:* Rural Crossroads Institute/SC Department of Commerce
  
- \* *Investigations into the Performance of Corrosion Resistant Reinforcement -* **\$72,487**  
*(15520-FA22)*  
*Sponsor:* SC Department of Transportation/FHWA  
*Co-PI: Petrou, Michael; Flora, Joseph*
  
- \* *NSF Graduate Research Fellowship Award - (15520-FA25)* **\$40,500**  
*Sponsor:* National Science Foundation (NSF) - General  
*Co-PI: Felkel, John*

## *Computer Science & Engineering*

### **Buell, Duncan**

- \* *Library Development and Experiments using Prototype Reconfigurable Computing* **\$100,000**  
*Machines - (15590-FA08)*  
*Sponsor:* USCRF/George Washington University/National Security Agency/DOD
  
- \* *Library Development and Experiments Using Prototype Reconfigurable Computing* **\$199,994**  
*Machines - (15590-FA23)*  
*Sponsor:* USCRF/George Washington University/National Security Age  
*Co-PI: Davis, James P.*

### **Cameron, Kirk**

- \* *CAREER: High-Performance, Power-Aware, Distributed Computing -* **\$121,182**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### **Eastman, Caroline**

- \* *REU Site: Multidisciplinary Research in Computing - (15590-FA21)* **\$149,890**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General  
*Co-PI: Bowles, John*

### **Farkas, Csilla**

- \* *Anonymous Accountable Self-Organizing Cooperation - (15590-FA17)* **\$18,522**  
*Sponsor:* National Science Foundation (NSF) - General
  
- \* *CAREER: Semantic Web-Interoperation versus Security - (15590-FA16)* **\$166,595**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### **Fenner, Stephen**

- \* *Quantum Complexity, Algorithms, and Primitives - (15590-FA07)* **\$57,427**  
*Sponsor:* USCRF/Army Research Office/DOD

### **Huhns, Michael**

- \* *Database Research and Construction for Vehicle Management - (15590-GP19)* **\$21,620**  
*Sponsor:* SC Budget & Control Board

## Computer Science & Engineering

- \* *GA: 10xSoftware - (15590-JP30)* **\$16,400**  
*Sponsor:* 10xSoftware
  
- \* *GA: Global Infotek, Inc. - (15590-JP28)* **\$10,704**  
*Sponsor:* Global Infotek, Inc.
  
- \* *GA: Research Agreement with Global Infotek, Inc. - (15590-JP37)* **\$15,215**  
*Sponsor:* Global Infotek, Inc.
  
- \* *GA: SC Budget & Control Board - (15590-GP18)* **\$16,346**  
*Sponsor:* SC Budget & Control Board
  
- \* *GA: State Budget & Control Board - (15590-GP14)* **\$14,798**  
*Sponsor:* State Budget & Control Board
  
- \* *JIDOKA Project - (15590-FA22)* **\$640,045**  
*Sponsor:* USCRF/Oakland University/TACOM  
*Co-PI: Vargas, J. G.; Khan, Jamil*
  
- \* *Virtual Soldier Project - (15590-FA20)* **\$56,569**  
*Sponsor:* USCRF/UT-Battelle, LLC/DOE

## Matthews, Manton

- \* *GA: Accelerations Educational Software - (15590-JP35)* **\$920**  
*Sponsor:* Accelerations Educational Software
  
- \* *GA: Dr. Jerri Walker-Boone - (15590-JP34)* **\$1,800**  
*Sponsor:* Dr. Jeri Walker-Boone
  
- \* *GA: Future Tech Enterprises, Inc. - (15590-JP32)* **\$8,500**  
*Sponsor:* Future Tech Enterprises, Inc.
  
- \* *GA: J.D. Edwards & Company - (15590-JP31)* **\$8,942**  
*Sponsor:* J.D. Edwards & Company
  
- \* *GA: SC Department of Education - (15590-GP13)* **\$874**  
*Sponsor:* SC Department of Education
  
- \* *GA: SC Department of Education - (15590-GP16)* **\$1,500**  
*Sponsor:* SC Department of Education
  
- \* *GA: SC Department of Health & Environmental Control - (15590-GP15)* **\$10,084**  
*Sponsor:* SC Department of Health & Environmental Control
  
- \* *GA: South Carolina Department of Education - (15590-GP17)* **\$1,500**  
*Sponsor:* SC Department of Education
  
- \* *GA: US Computing Inc. - (15590-JP33)* **\$13,800**  
*Sponsor:* US Computing Inc.
  
- \* *GA: USComputing, Inc. - (15590-JP36)* **\$18,000**  
*Sponsor:* US Computing, Inc.

*Computer Science & Engineering*

**Rose, John**

- \* *Gene Duplication Genome Evolution - (15590-FA09)* **\$50,925**  
**Sponsor:** USCRF/National Institute of General Medical Sciences (NIGMS)/NIH

**Wang, Song**

- \* *Shape Exploration for Medical Applications---From Representation, Correspondence, Deformation to Image Segmentation -* **\$284,177**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI: Kubota, Toshiro**

**Zachary, John**

- \* *Security and Assurance in BACnet Networks: Intrusion Detection and Availability Protection - (15590-FA18)* **\$133,344**  
**Sponsor:** USCRF/US Department of Commerce (DOC) - General
- \* *Therminator II: Advanced Prototype Research and Development - (15590-FA14)* **\$222,000**  
**Sponsor:** USCRF/Penn State University Applied Research Lab/ONR/DOD

*Electrical Engineering*

**Brice, Charles**

- \* *Fast Protection of Shipboard Electrical Power Systems - (15530-FA30)* **\$33,070**  
**Sponsor:** USCRF/Barron Associates, Inc./DOD

**Chen, Yinchao**

- \* *GA: Richland County School District One - (15530-HP00)* **\$13,500**  
**Sponsor:** Richland County School District 1

**Dougal, Roger**

- \* *S3D: Integrative Environment for Design of Dynamic Ship Systems - (15530-FA32)* **\$782,163**  
**Sponsor:** USCRF/Florida State/ONR  
**Co-PI: Monti, Antonello**
- \* *Smart Ship System Design USC Phase I Plan - (15530-FA26)* **\$50,000**  
**Sponsor:** USCRF/Northrop Gummman Ship Systems/ONR  
**Co-PI: Monti, Antonello**

## *Electrical Engineering*

* <i>Soldier System Power Sources - (15530-FA29)</i> <i>Sponsor:</i> USCRF/Office of Naval Research (ONR)/DOD	<b>\$181,455</b>
* <i>USC Participants in Electric Ship Research and Development Consortium - (15530-FA17)</i> <i>Sponsor:</i> USCRF/Florida State University/ONR/DOD	<b>\$1,886,000</b>
<b>Khan, Asif</b>	
* <i>AlInGaN MOSDHfet Based RF Circuits - (15530-FA28)</i> <i>Sponsor:</i> USCRF/US Army & Missile Defense Command/DOD	<b>\$4,292,099</b>
* <i>Deep UV Emitters Based on Quaternary AlIGaN Multiple Quantum Well Heterostructures - (15530-FA18)</i> <i>Sponsor:</i> USCRF/US Army/DOD	<b>\$750,000</b>
<b>Liu, Shengyi</b>	
* <i>Effect of Electric Power Disturbances on Equipment Reliability and Maintenance Costs - (15530-FA31)</i> <i>Sponsor:</i> USCRF/Eagle Systems, Inc./NAVAIR/DOD	<b>\$42,746</b>
<b>Monti, Antonello</b>	
* <i>Frequency-Agile Wide-Bandwidth Power Interface to Support Incremental virtual Prototyping - (15530-FA27)</i> <i>Sponsor:</i> USCRF/Office of Naval Research (ONR)/DOD <i>Co-PI:</i> <b>Hudgins, Jerry; Dougal, Roger</b>	<b>\$83,423</b>
<b>Santi, Enrico</b>	
* <i>CAREER: Modeling, Control and Stability Investigation of Multiple Power Converter Systems - (15530-FA33)</i> <i>Sponsor:</i> USCRF/National Science Foundation (NSF) - General	<b>\$396,557</b>
<b>Seminario, Jorge</b>	
* <i>Bimetallic and Trimetallic Nanoparticles for Fuel Cell Electro-catalysts -</i> <i>Sponsor:</i> USCRF/US Department of Energy (DOE) - General	<b>\$92,501</b>
* <i>Design of Programmable Molecules and Molecular Chips - (15530-FQ01)</i> <i>Sponsor:</i> USCRF/Department of the Army/DOD	<b>\$295,000</b>
<b>Simin, Grigory</b>	
* <i>AlGaIn-GaN Material Wafer Supply for RF/Microwave Device Development - (15530-FA20)</i> <i>Sponsor:</i> USCRF/TRW, Inc./DOD	<b>\$245,000</b>
* <i>WBGs Epitaxial Materials Development and Scaleup for rf/Micro-wave Millimeter Wave Devices - (15530-FA16)</i> <i>Sponsor:</i> USCRF/Defense Advanced Research Projects Agency (DARPA)/DOD	<b>\$350,000</b>

*Electrical Engineering*

**Sudarshan, Tangali**

- \* *Lapping and Polishing of Silicon Carbide Wafers - (15530-LA00)* **\$74,619**  
**Sponsor:** USCRF/Various Sponsors

*Engineering & Information Technology, College of*

**White, Ralph**

- \* *City of Columbia Application for Community Promotions/Palmetto Regional First Robotics - (15500-HL00)* **\$27,500**  
**Sponsor:** City of Columbia

- \* *COEIT USC Palmetto Regional FIRST Robotics Competition - (15500-KL00)* **\$10,000**  
**Sponsor:** USCRF/The Verizon Foundation

- \* *FIRST LEGO League Partnership - (15500-FL01)* **\$16,200**  
**Sponsor:** SC Department of Education/USDE

- \* *Professorship in Nuclear Production of Hydrogen and Hydrogen Storage and Infrastructure Development - (15500-FA05)* **\$45,414**  
**Sponsor:** SC Universities Research and Education Foundation (SCUREF)/DOE

- \* *SCAMP Phase I - (15580-FA03)* **\$181,500**  
**Sponsor:** South Carolina State/NSF

- \* *SCAMP State Matching Funds - State Evaluator - (15580-GA12)* **\$11,000**  
**Sponsor:** State Funds/SC State University

- \* *SCAMP State Matching Funds for Summer Bridge Workshop - (15580-GA11)* **\$52,790**  
**Sponsor:** SC State University

- \* *SCUREF Project #16 Distinguished Scientist - (15500-FA02)* **\$104,579**  
**Sponsor:** SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE

- \* *Utilizing Pre-Engineering Programs to Enhance Teacher Quality in SC Schools - (15500-KL02)* **\$20,000**  
**Sponsor:** Bell South/SC Department of Education

- \* *Utilizing Pre-Engineering Programs to Enhance Teacher Quality in South Carolina Schools (Bell South Grant) - (15500-KL01)* **\$23,000**  
**Sponsor:** Bell South/SC Department of Education  
**Co-PI: Sternberg, Les**

## *Mechanical Engineering*

### **Baxter, Sarah**

\* CAREER: *Effects of Microstructural Randomness in Composite Processing - (15540-F170)* **\$6,000**

**Sponsor:** National Science Foundation (NSF) - General

### **Bayoumi, Abdel**

\* *Consortium Project #17: Internet University Reactor Experiments for Education in Nuclear Engineering and Research in Science - (15540-FA37)* **\$35,000**

**Sponsor:** USCRF/NC State University/DOE

\* *DOE/Industrial Matching Grant Program - (15540-FJ01)* **\$45,000**

**Sponsor:** USCRF/US Department of Energy (DOE) - General

\* *Value Engineering and Cost Benefit Analysis of the AH-64 and UH-60L on Board Vibrations Monitoring (VM) Systems - (15540-FA35)* **\$100,000**

**Sponsor:** USCRF/US Army Aviation & Missile Command/DOD

**Co-PI:** Ranson, William

### **Chao, Yuh**

\* *Investigation of Hydrogen Transport Related to Fracture Issues in Austenitic Stainless Steel - (15540-FA38)* **\$27,761**

**Sponsor:** SC Universities Research & Education Foundation (SCUREF)/DOE

\* *Weld Mechanics-Residual Stress, Material Inhomogeneity and Fracture -* **\$12,375**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

### **Deng, Xiaomin**

\* *Development of a Mixed-Mode Fracture Criterion for Thin-Shell Structures - (15540-JA13)* **\$110,320**

**Sponsor:** USCRF/General Motors Corporation

### **Giurgiutiu, Victor**

\* *Fundamental Studies in Embedded Ultrasonic NDE - (15540-FA39)* **\$54,000**

**Sponsor:** USCRF/Air Force Office of Scientific Research/DOD

\* *Predictive Methodologies for the Design of Lamb-Wave Piezoelectric Wafer Active Sensors for Structural Health Monitoring, Damage Detection and Failure Prevention - (15540-FA42)* **\$189,999**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Space Qualified Non-Destructive Evaluation and Structural Health Monitoring Technology - (15540-FA40)* **\$33,000**

**Sponsor:** USCRF/NexGen Aeronautics, Inc.

\* *Structural Health Monitoring System using Embedded Piezoelectric Active Sensors - (15540-FA44)* **\$120,000**

**Sponsor:** USCRF/Universal Technology/AFRL

## Mechanical Engineering

### Li, Xiaodong

- \* *Synthesis, Structural and Mechanical Characterization of Boron-Based Nanowires - (15540-KA04)* **\$40,000**  
**Sponsor:** USCRF/American Chemical Society

### McNeill, Stephen

- \* *Characterization and Model Assessment for Impact Damage Evolution in Functionally Graded Composites Using a Novel Nano-Second 3D Deformation Measurement System - (15540-FA25)* **\$71,569**  
**Sponsor:** USCRF/Department of Army/DOD

### Peters, Walter

- \* *NSF Graduate Research Fellowship Award - (15540-FA24)* **\$40,500**  
**Sponsor:** National Science Foundation (NSF) - General  
**Co-PI:** **Craig, Nadia**

### Ranson, William

- \* *Cost and Effectiveness Analysis of the AH-64A and UH-60L on Board Vibrations Monitoring (VM) System - (15540-FA31)* **\$300,000**  
**Sponsor:** SC National Guard/DOD

### Reynolds, Anthony

- \* *Ballistic Shields - (15540-FA43)* **\$680,000**  
**Sponsor:** USCRF/US Army Research Laboratory/DOD  
**Co-PI:** **Sutton, Michael; Giurgiutiu, Victor**
- \* *Collaborative Research Proposal for a Friction Stir Processing Industry/University Cooperative Research Center - (15540-FA36)* **\$10,000**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General
- \* *Damage Tolerance of Built-up FSW Aluminium Aerospace Structures -* **\$42,500**  
**Sponsor:** USCRF/Boeing Corporation  
**Co-PI:** **Sutton, Michael**
- \* *Heterogeneous Material for Defense Applications - Matching Account for 15540-FA34 - (15540-GA03)* **\$57,569**  
**Sponsor:** SC EPSCoR Program  
**Co-PI:** **Sutton, Michael; Deng, Xiaomin**

### Sutton, Michael

- \* *CNT Size Effects on Polymer Composite Properties - (15540-FA28)* **\$116,072**  
**Sponsor:** USCRF/National Aeronautics & Space Administration (NASA)  
**Co-PI:** **Reynolds, Anthony ; Myrick, Michael**
- \* *Crack Growth and Stress Intensity Prediction Techniques - (15540-FA05)* **\$168,750**  
**Sponsor:** USCRF/Air Force Research Laboratory/DOD  
**Co-PI:** **Reynolds, Anthony; Deng, Xiaomin**
- \* *Development and Application of 3-D Measurement Methodologies at Reduced Length Scales - (15540-FA21)* **\$12,500**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General

## *Mechanical Engineering*

### **Sutton, Michael**

\* *NASA EPSCoR - Year 5 - (15540-FA19)* **\$21,239**  
*Sponsor:* SC Research Authority/NASA

\* *Transfer of Technology for Automated Crack Growth Simulations to USAF - (15540-FA41)* **\$300,504**  
*Sponsor:* USCRF/S&K Technologies/US Air Force  
*Co-PI:* **Deng, Xiaomin**

## **Enrollment Management**

## *Student Financial Aid & Scholarships*

### **Miller, Edgar**

\* *Student Support Services - Grant Aid - (43000-FL02)* **\$38,285**  
*Sponsor:* US Department of Education (USDE) - General

## **Environment, School of the**

## *Earth Sciences & Resources Institute*

### **Domoracki, William**

\* *Florida Everglades Marine Seismic Data Processing - (24400-JA03)* **\$1,884**  
*Sponsor:* USCRF/Bay Geophysical Associates

\* *Marine Seismic Data Processing Florida Everglades Project - (24400-JA04)* **\$2,050**  
*Sponsor:* USCRF/Bay Geophysical

### **Kloot, Robin**

\* *Adaptation of ESRI-USC Software for Report Generation to EMS, LLC Output - (24400-JA05)* **\$15,833**  
*Sponsor:* USCRF/Environmental Management Solutions, LLC

\* *EMS, LLC CNMP and Conservation Planning Efficiency Studies and Tools - (24400-JA06)* **\$49,234**  
*Sponsor:* USCRF/Environmental Management Solutions, LLC

\* *Mapping Setbacks and Facility Placement Statistics for Hog Farms in Selected South Carolina Counties - (24400-KA00)* **\$18,386**  
*Sponsor:* USCRF/SC Farm Bureau

\* *Natural Resources and Conservation Decision - Support System - (24400-F144)* **\$739,800**  
*Sponsor:* USDA Natural Resources Conservation Service/USDA  
**Shafer, John**

### **Rine, James**

\* *Environmental Management Support for the MCAS, Beaufort SC - (24400-FA04)* **\$110,000**  
*Sponsor:* CH2MHILL/DOD  
*Co-PI:* **Barnes, Phil; Covington, Elzbieta**

*Earth Sciences & Resources Institute*

**Waddell, Michael**

- \* *Iterative Approach for Carbon Tetrachloride Source Term Location in the 200 West Area of the Hanford Site - (24400-FA03)* **\$28,312**

**Sponsor:** USCRF/Vista Engineering Technologies/DOE

**Co-PI: Domoracki, William**

*Environment, School of the*

**Barnes, Phil**

- \* *EMS Implementation at Naval Hospital Beaufort - (10060-FA06)* **\$59,814**

**Sponsor:** USCRF/CH2MHILL/DOD

**Coull, Bruce**

- \* *Distinguished Lecturer in the Environment - (10060-KA00)* **\$126,000**

**Sponsor:** USCRF/USC Education Foundation/SCANA & Rasmussen Foundation

- \* *Humans & Nature South Carolina - (10060-KL01)* **\$20,000**

**Sponsor:** USCRF/The Hastings Center

- \* *Promoting Sustainable Conservation in South Carolina - (10060-FL07)* **\$87,965**

**Sponsor:** USCRF/National Fish & Wildlife/Dept of Interior

**Co-PI: Jerman, Patricia**

- \* *Sustainable Universities Initiative - (10060-K101)* **\$192,275**

**Sponsor:** USC Educational Foundation/Kann Rasmussen Foundation

**Herren, LeAnn**

- \* *Services to Coordinate the Activities of the Clean Cities Coalition as Specified in Solicitations No. 02-S4766 - (10060-FL06)* **\$17,568**

**Sponsor:** SC Budget and Control Board/DOE

**Temples, Tom**

- \* *Uranium Anomalies in Domestic Water Wells - (10060-FA05)* **\$369,450**

**Sponsor:** USCRF/Environmental Protection Agency (EPA) - General

**Co-PI: Price, Jr., Vaneaton**

- \* *Uranium Anomalies in Domestic Water Wells of the Coastal Plain - (10060-FA07)* **\$241,000**

**Sponsor:** USCRF/US Department of Energy (DOE) - General

**Honors College, South Carolina**

*Honors College, South Carolina*

**Stiver, James**

- \* *Junior Scholar Program: Adventures in Creativity 2003 - (12010-GL02)* **\$4,000**

**Sponsor:** SC Department of Education

## Hospitality, Retail & Sport Management, College of

### *Hotel, Restaurant & Tourism Management*

#### **Boger, Carl**

\* *Alfred P. Sloan Foundation Travel and Tourism Industry Center - (14000-KA01)* **\$400,000**

**Sponsor:** USCRF/Alfred P. Sloan Foundation

**Co-PI:** Woodward, Douglas; Morse, Steve

### *Retailing, Center for*

#### **Berry, Don**

\* *Duel In the South-Students in Free Enterprise-Case Study Competition -* **\$20,000**

**Sponsor:** USCRF/University of Arizona/Take Charge America

**Co-PI:** Hoover, Annette

#### **Fowler, Deborah**

\* *How Can Retailers Respond to the Hispanic/Latina Immigration and Ethnicity* **\$14,483**

*Trends in Non-Traditional Areas? - (14010-KA01)*

**Sponsor:** International Council of Shopping Centers Education Foundation

### *Sport & Entertainment Management*

#### **Bernthal, Matthew**

\* *Township Auditorium - Marketing Study - (14030-HA00)* **\$13,500**

**Sponsor:** Township Auditorium

## Information Technology, Office of

### *Information Technology, Office of*

#### **Hogue, William**

\* *Broadband Wireless Initiative-Business Planning Phase - (65200-HL00)* **\$20,000**

**Sponsor:** USCRF/City of Columbia

## Law Enforcement & Safety

### *Law Enforcement & Safety*

#### **Wuchenich, Christopher**

\* *Criminal Justice Information System: NCIC 2000 and Mobile Data - (66000-FL00)* **\$39,958**

**Sponsor:** SC Department of Public Safety/DOJ

**Co-PI:** Whitlock, Gayle

## Law, School of

### Law, School of

#### **Connolly, Kim Diana**

- \* *Sustainable Universities Initiative - Introduction to Environmental Law and Policy Seminar Development - (15800-KA01)* **\$3,000**  
*Sponsor:* USC Educational Foundation

#### **Linnan, David**

- \* *Faculty in Residence University of Washington School of Law - (15800-LL07)* **\$63,000**  
*Sponsor:* University of Washington
- \* *Law and Finance Institutional Partnership of University of South Carolina and Jakarta Stock Exchange - (15800-FA08)* **\$100,000**  
*Sponsor:* USCRF/Agency for International Development (AID)

#### **Montgomery, John**

- \* *National Center for Prosecution Ethics - (15800-FL14)* **\$268,064**  
*Sponsor:* USCRF/US Department of Justice (DOJ) - General

#### **Mood, Francis**

- \* *Agreement with American University School of Law - (15800-LL05)* **\$53,803**  
*Sponsor:* American University Washington College of Law

#### **Morris, Carolyn**

- \* *Children's Justice Act - Operation of Children's Law Office - (15800-FL16)* **\$170,944**  
*Sponsor:* SC Department of Social Services/HHS
- \* *Children's Justice Act - Task Force Support - (15800-FL17)* **\$88,272**  
*Sponsor:* SC Department of Social Services/HHS
- \* *DSS Staff and Agents Training Center - (15800-FL15)* **\$309,477**  
*Sponsor:* SC Department of Social Services/HHS
- \* *IOLTA - Services for Lawyers and Guardians ad Litem - (15800-KL12)* **\$65,000**  
*Sponsor:* USCRF/SC Bar Foundation
- \* *Status Offender Audit - (15800-FL13)* **\$9,500**  
*Sponsor:* SC Department of Public Safety/DOJ
- \* *Status Offender Project (Match for JAIBG Grant) - (15800-KL10)* **\$16,204**  
*Sponsor:* SC Department of Education
- \* *Status Offender Project - (15800-FL18)* **\$155,683**  
*Sponsor:* SC Department of Public Safety/DOJ

*Law, School of*

**Robinson, Pamela**

\* *USC School of Law Pro Bono/Clinical Assistance - (15800-KL11)* **\$44,881**  
*Sponsor:* USCRF/SC Bar Foundation

**Spitz, Stephen**

\* *Agreement with the University of Nebraska School of Law - (15800-LL06)* **\$60,844**  
*Sponsor:* University of Nebraska School of Law

**Wilson, Robin**

\* *Agreement with the University of Maryland School of Law - (15800-LL04)* **\$64,493**  
*Sponsor:* University of Maryland

**Liberal Arts, College of**

*Anthropology*

**Adams, John W.**

\* *Migration, Flows and Intergenerational Processes - (13590-FA00)* **\$72,250**  
*Sponsor:* USCRF/National Institute of Child Health & Human Development (NICHD)/NIH

**Buxhoeveden, Daniel**

\* *Structure of Cortical Columns - Development Work for a K-Award - (13590-FA01)* **\$20,000**  
*Sponsor:* USCRF/National Institutes of Health (NIH) - General

*Archaeology & Anthropology, SC Institute of*

**Amer, Christopher**

\* *South Carolina Erosion Study - (21300-FA19)* **\$14,584**  
*Sponsor:* USCRF/US Geological Survey/DOI

**Brooks, Mark**

\* *Cultural Resource Management on the SRS - (21300-F110)* **\$726,371**  
*Sponsor:* US Department of Energy (DOE) - General

\* *FY 2004 38AK155 Mitigation - Savannah River Archaeological Research Program* **\$300,000**  
*- (21300-FA20)*  
*Sponsor:* US Department of Energy (DOE) - General

**Clement, Christopher**

\* *Evaluation of 27 Sites at Ft. Jackson - (21300-FA16)* **\$153,961**  
*Sponsor:* USCRF/US Army Medical Research ACQ Activity/DOD

*Archaeology & Anthropology, SC Institute of*

**Smith, Steven**

- \* *Archaeological Site Testing, McEntire ANG Base - (21300-FA17)* **\$73,290**  
*Sponsor:* USCRF/Air Guard/USAMRAA/DOD  
*Co-PI: Keene, Deborah*
- \* *Archaeological Assessment of Gilbert Town, North Carolina - (21300-FA21)* **\$2,150**  
*Sponsor:* USCRF/Thomason & Associated/National Register
- \* *Archaeological Consultant for Battle of Camden for FY2003 - (21300-KA00)* **\$11,385**  
*Sponsor:* USCRF/Palmetto Conservation Foundation
- \* *GPS Survey at Rivers Bridge State Park - (21300-FA18)* **\$7,365**  
*Sponsor:* SC Parks, Recreation & Tourism/DOI
- \* *Native American Consultation Fall Meeting - (21300-GL02)* **\$10,350**  
*Sponsor:* SC Army National Guard
- \* *Preparation of NR Nomination, Honey Hill Battlefield - (21300-JA00)* **\$5,746**  
*Sponsor:* USCRF/Good Hope Corporation

**Ziegenbein, Linda**

- \* *Native American Consultation - (21300-GL03)* **\$13,082**  
*Sponsor:* SC National Guard

*Art*

**Dunn, Philip**

- \* *Interactive Learning Workshop for Art Teachers - (12510-GL02)* **\$11,000**  
*Sponsor:* SC Department of Education
- \* *Professional Development in Technology and Authentic Assessment -* **\$79,244**  
*Sponsor:* Florence School District Three/USDE

**Floyd, Minuette**

- \* *African American Camp Meetings Through the Eyes of the Children - (12510-FA02)* **\$1,200**  
*Sponsor:* National Endowment For The Humanities (NEH) - General

*Comparative Literature*

**Miller, Paul**

- \* *Spiritual Practices - (12610-FA00)* **\$24,000**  
*Sponsor:* National Endowment For The Humanities (NEH) - General

*Criminology & Criminal Justice, Department of*

**Brame, Robert**

- \* *A Group-Based Method for Analyzing Development - (12200-FA06)* **\$10,192**  
*Sponsor:* USCRF/Carnegie Mellon University/NIH

**Chishom, Andrew**

- \* *Southern Region Violence and Substance Abuse Prevention - (21100-FL11)* **\$199,000**  
*Sponsor:* USCRF/National Crime Prevention Council/DOJ

**Gover, Angela**

- \* *GA: SC Department of Public Safety - (12200-GP02)* **\$16,298**  
*Sponsor:* SC Department of Public Safety

**Miller, J. Mitchell**

- \* *Gang Database Development and Field Test - (12200-FA05)* **\$27,720**  
*Sponsor:* SC Department of Public Safety/DOJ

**Pelfrey, William**

- \* *Deaths in Custody Data Collection Project - (12200-GA00)* **\$6,000**  
*Sponsor:* SC Department of Public Safety

*English*

**Forter, Greg**

- \* *Melancholy Manhood, Gender, Loss and the Inability to Mourn in American Literary Modernism - (12530-KA05)* **\$49,000**  
*Sponsor:* Georgia O'Keeffe Museum

**Friend, Christy**

- \* *Sustainable Universities Initiative - Reading and Writing About the Environment - (12530-KA03)* **\$7,725**  
*Sponsor:* USC Educational Foundation/Kann Rasmussen Foundation

**Myers-Scotton, Carol**

- \* *Steps in Grammatical Turnover Shift - (12530-FA02)* **\$77,422**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

**Scott, Patrick**

- \* *Public Interpretation of the Great War Poster Exhibit Materials - (30000-FL02)* **\$1,000**  
*Sponsor:* The Humanities Council/NEH

**Williams, Harriett S.**

- \* *National Writing Project - (12530-FL03)* **\$66,976**  
*Sponsor:* National Writing Project/USDE

*English Program for Internationals*

**Rowe, J. Alexandra**

\* *Professional Development Seminar for Teachers from Kazakhstan and Russia and Celebrating Teaching Excellence Across Cultures - (25300-FJ03)* **\$229,309**

**Sponsor:** USCRF/American Council for International Education

**Co-PI:** Perkins, Margaret

*Geography*

**Carbone, Gregory**

\* *Integrating Climate Science and Water Management in North and South Carolina - (13540-FA22)* **\$86,673**

**Sponsor:** USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC

**Co-PI:** Dow, Kirstin; Karwan, Kirk; Tufford, Daniel

**Cowen, David**

\* *Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support System - (13540-FA21)* **\$20,033**

**Sponsor:** National Aeronautics & Space Administration (NASA) - General

\* *GA: SC Department of Health and Environmental Control - (13540-GP07)* **\$6,200**

**Sponsor:** SC Department of Health & Environmental Control

\* *GA: SC National Guard Work Experience - (13540-FP01)* **\$6,600**

**Sponsor:** SC National Guard/DOD

\* *GA: SC National Guard Work Experience - (13540-FP02)* **\$6,600**

**Sponsor:** SC National Guard

\* *SC Education Oversight Committee Research Services Agreement - (13540-GP08)* **\$4,500**

**Sponsor:** SC Education Oversight Committee

**Cutter, Susan**

\* *Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA20)* **\$66,878**

**Sponsor:** National Aeronautics & Space Administration (NASA) - General

\* *SC Hazards Assessment Geo Information Support - (13540-FA23)* **\$61,752**

**Sponsor:** SC Emergency Management Division/FEMA

**Hardisty, Frank**

\* *Improving Geographic Visualization for Data Analysis - (13540-GA01)* **\$49,250**

**Sponsor:** Office of the Adjutant General

\* *Prostate Cancer ESDA and Spatial Analysis - (13540-FA27)* **\$6,616**

**Sponsor:** USCRF/Penn State/CDC

## Geography

### **Hodgson, Michael**

\* *Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA19)* **\$155,536**

**Sponsor:** National Aeronautics & Space Administration (NASA) - General

\* *Spatial Data Needs and the Use of GIS and Remote Sensing in State-Level Hazard-Related Offices - (13540-FA17)* **\$35,056**

**Sponsor:** John C. Stennis Space Center/NASA

### **Jakubs, John**

\* *Francis Marion and Sumter National Forest GIS Digital Update - (13540-FA15)* **\$19,095**

**Sponsor:** USCRF/US Forest Service/USDA

### **Jensen, John**

\* *Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA18)* **\$178,317**

**Sponsor:** National Aeronautics & Space Administration (NASA) - General

\* *Program for a NASA Affiliated Research Center Program at the University of South Carolina - (13540-F165)* **\$250,000**

**Sponsor:** National Aeronautics & Space Administration

**Co-PI: Cowen, David**

### **Kovacik, Charles**

\* *SC Geographic Alliance - (13540-GJ05)* **\$188,631**

**Sponsor:** SC General Assembly

### **Lloyd, Robert**

\* *Differences in Spatial Abilities for Sex and Age Groups - (13540-LA00)* **\$600**

**Sponsor:** Central Michigan Univeristy

### **Mock, Cary**

\* *Baseline Methods for Reconstructing United States 19th Century Climatic Extremes from Historical Data - (13540-FA25)* **\$44,437**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Historical Climate Data Catalogue - (13540-FA26)* **\$7,800**

**Sponsor:** USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC

### **Power, Helen**

\* *Climatic Influences on the Spatial and Temporal Variability of Aerosols over North America - (13540-FA24)* **\$52,934**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

**Co-PI: Sheridan, Scott**

## History

### Chesnutt, David

- \* *The Papers of Henry Laurens - (13550-FA06)* **\$66,550**  
*Sponsor:* USCRF/National Historical Publications & Records

### Grier, Katherine

- \* *GA: SC Department of Archives and History - (13550-GP25)* **\$9,072**  
*Sponsor:* SC Department of Archives & History
- \* *GA: Columbia Museum of Art - (13550-KP12)* **\$8,400**  
*Sponsor:* Columbia Museum of Art
- \* *GA: Historic Columbia Foundation - (13550-KP10)* **\$8,000**  
*Sponsor:* Historic Columbia Foundation
- \* *GA: SC Confederate Relic Room and Museum - (13550-GP19)* **\$5,427**  
*Sponsor:* SC Confederate Relic Room & Museum
- \* *GA: SC Confederate Relic Room and Museum - (13550-GP21)* **\$5,427**  
*Sponsor:* SC Confederate Relic Room and Museum
- \* *GA: SC Department of Archives & History - (13550-GP26)* **\$13,608**  
*Sponsor:* SC Department of Archives & History

### Scardaville, Michael

- \* *The Politics of Law: Criminal Justice, State and Society in Mexico City (1770-1835) - (13550-FA05)* **\$40,000**  
*Sponsor:* National Endowment for the Humanities (NEH) - General

### Schulz, Constance

- \* *GA: Chapin Memorial Library - (13550-HP02)* **\$16,824**  
*Sponsor:* Chapin Memorial Library
- \* *GA: Historic Columbia Foundation - (13550-KP11)* **\$8,000**  
*Sponsor:* Historic Columbia Foundation
- \* *GA: SC Department of Archives & History - (13550-GP20)* **\$5,000**  
*Sponsor:* SC Department of Archives & History

### Weyeneth, Robert

- \* *GA: SC Department of Archives and History - (13550-GP22)* **\$5,000**  
*Sponsor:* SC Department of Archives and History
- \* *GA: SC Department of Archives and History - (13550-GP23)* **\$5,000**  
*Sponsor:* SC Department of Archives and History

*History*

- \* *GA: SC Department of Archives and History - (13550-GP24)* **\$1,572**  
*Sponsor:* SC Department of Archives and History

*International Studies, Institute of*

**Hsieh, John**

- \* *International Conference on Democracy and Democratization in Confucian Societies - (21900-KL00)* **\$49,000**  
*Sponsor:* Taiwan Foundation for Democracy

*McKissick Museum*

**Taylor, Saddler**

- \* *Considerable Grace: Traditional Music of the Folk Heritage Awards, Vol. I - (34000-FA04)* **\$1,200**  
*Sponsor:* SC Humanities Council/NEH

**Williams, Jay**

- \* *COURAGE Project - (34000-FA05)* **\$9,000**  
*Sponsor:* The Humanities Council/NEH

- \* *Digital Traditions: Public Access Initiative for Folklife and Material Culture - (34000-FL02)* **\$90,984**  
*Sponsor:* USCRF/Institute of Museum & Library Services

*Naval Science*

**Gordon, William D.**

- \* *NROTC Educational Instruction: Calculus and Physics - (13560-FJ06)* **\$3,000**  
*Sponsor:* US Navy/DOD

*Philosophy*

**Baird, Davis**

- \* *NIRT: From Laboratory to Society: Developing an Informed Approach to Nanoscale Science and Technology - (12560-FA03)* **\$1,350,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

*Political Science*

**Puchala, Donald**

- \* *Fulbright American Studies Institute on Foreign Policy: Conduct and Foundation - (21900-FJ00)* **\$219,569**  
*Sponsor:* USCRF/SC Department of State/DOS

*Political Science*

**Sederberg, Peter**

- \* *GA: Center for Selection Wellness-Enhanced Programs - (12010-FP01)* **\$17,789**  
*Sponsor:* Fort Jackson/US Army/DOD

**Shin, Eui-Hang**

- \* *Fulbright-Hays Group Projects Abroad - Korea and the American Southeast - (21900-FL04)* **\$65,000**  
*Sponsor:* USCRF/US Department of Education (USDE) - General

**Songer, Donald**

- \* *An Empirical Analysis of Decision Making in the Supreme Courts of Appeals of Canada and the United States - (13570-LA00)* **\$6,250**  
*Sponsor:* Canadian Embassy

**Tyer, Charlie**

- \* *GA: City Center Partnership, Inc. - (13570-KP01)* **\$6,030**  
*Sponsor:* City Center Partnership, Inc.
- \* *GA: City of Columbia - (13570-HP02)* **\$9,716**  
*Sponsor:* City of Columbia
- \* *GA: City of Columbia General Services Department - (13570-HP04)* **\$9,000**  
*Sponsor:* City of Columbia
- \* *GA: Office of State Budget - (13570-GP06)* **\$7,190**  
*Sponsor:* SC Budget & Control Board
- \* *GA: Richland County - (13570-HP03)* **\$7,460**  
*Sponsor:* Richland County
- \* *GA: Richland County - (13570-HP05)* **\$4,550**  
*Sponsor:* Richland County
- \* *GA: Richland County - (13570-HP06)* **\$4,550**  
*Sponsor:* Richland County
- \* *GA: Richland County - (13570-HP07)* **\$4,900**  
*Sponsor:* Richland County

## Psychology

### **Ardoin, Scott**

\* *Implementing and Evaluating STEEP in the Richland One School District - (13580-HA00)* **\$46,234**

**Sponsor:** Richland County School District One

### **Baylis, Gordon**

\* *Mechanisms of Perceptual Extinction Following Stroke - (13580-FA19)* **\$203,015**

**Sponsor:** USCRF/National Institute of Neurological Disorders & Stroke (NINDS)/NIH

### **Booze, Rosemarie**

\* *HIV/Cocaine Neurotoxicity in Females - (13580-FA11)* **\$115,668**

**Sponsor:** USCRF/National Institute on Drug Abuse (NIDA)/NIH

\* *Neurodevelopment Basis(es) of Nicotine Sensitization - (13580-FA13)* **\$291,000**

**Sponsor:** USCRF/National Institute on Drug Abuse/NIH

### **Coleman, James**

\* *GABA Receptor Subunits and Neural Excitability - (13580-FA27)* **\$39,354**

**Sponsor:** SC BRIN/EPSCoR/HHS

### **Follingstad, Diane**

\* *GA: Richland County School District One - (13580-HP13)* **\$2,866**

**Sponsor:** Richland County School District One

\* *GA: SC Department of Alcohol & Other Drug Abuse Services - (13580-GP13)* **\$12,000**

**Sponsor:** SC Department of Alcohol & Other Drug Abuse Services

\* *GA: SC Department of Mental Health - (13580-GP14)* **\$7,212**

**Sponsor:** SC Department of Mental Health

\* *GA: The Nurturing Center - (13580-KP07)* **\$6,000**

**Sponsor:** The Nurturing Center

\* *GA: Wings for Kids, Inc. - (13580-KP06)* **\$13,650**

**Sponsor:** Wings for Kids, Inc.

## Psychology

### Griffin, Eugena

- \* *Racial Stress Coping Scale - (13580-FA23)* **\$28,473**  
*Sponsor:* USCRF/National Institute of General Medical Sciences (NIGMS)/NIH

### Huebner, E. Scott

- \* *GA: Pine Grove School - (13580-J728)* **\$29,200**  
*Sponsor:* Pine Grove School

### Kelly, Sandra

- \* *Alcohol Exposure, Social Behavior and Development - (13580-FA06)* **\$291,000**  
*Sponsor:* USCRF/National Institute on Alcohol Abuse and Alcoholism (NIAAA)/NIH

- \* *FIBR: Planning for Grant Proposal on Cortical Organization and Limits of Human Potential - (13580-FA31)* **\$49,676**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General  
*Co-PI: Morris, Robin*

### Kilmann, Peter

- \* *GA: Lexington School District Two - (13580-HP11)* **\$3,600**  
*Sponsor:* Lexington School District Two

### Kloos, Bret

- \* *Housing, Adaptive Functioning, and Serious Mental Illness - (13580-FA21)* **\$292,866**  
*Sponsor:* USCRF/National Institute of Mental Health (NIMH)/NIH

### Lugo, Joaquin

- \* *Alcohol Exposure, Social Behavior and the Amygdala - (13580-F147)* **\$26,075**  
*Sponsor:* National Institute on Alcohol Abuse & Alcoholism/NIH  
*Co-PI: Kelly, Sandra*

### Mactutus, Charles

- \* *Developmental Neurotoxicity of Cocaine-An IV Rat Model - (13580-FA24)* **\$57,229**  
*Sponsor:* USCRF/National Institute on Drug Abuse (NIDA)/NIH
- \* *Maternal HIV: Developmental Neurotoxicity - (13580-FA22)* **\$294,638**  
*Sponsor:* USCRF/National Institute of Child Health & Human Development (NICHD)/NIH
- \* *Prenatal Cocaine Exposure and Attentional Dysfunction - (13580-FA16)* **\$157,567**  
*Sponsor:* USCRF/Cornell University/National Institute on Drug Abuse (NIDA)/NIH

## Psychology

### Prinz, Ronald

- \* *Media-Based Programming to Enhance Parenting - (13580-FA28)* **\$469,844**  
*Sponsor:* USCRF/National Institute of Child Health & Human Development (NICHD)/HHS
- \* *Population-Based System of Parenting Interventions - (13580-FA12)* **\$1,590,246**  
*Sponsor:* USCRF/Centers for Disease Control (CDC)/NIH
- \* *Risk Reduction via Promotion of Youth Development - (13580-FA15)* **\$934,268**  
*Sponsor:* USCRF/National Institute Mental Health/NIH

### Richards, John

- \* *Development of Sustained Attention in Infants - (13580-FA04)* **\$256,095**  
*Sponsor:* National Institute of Child Health & Human Develop
- \* *The Development of Sustained Attention in Infants - (13580-KA02)* **\$48,316**  
*Sponsor:* University of Rochester/McDonnell Foundation

### Schatz, Jeffrey

- \* *Anemia Brain Functioning and Cognitive Development in Children with Sickle Cell Disease - (13580-KA01)* **\$139,972**  
*Sponsor:* USCRF/March of Dimes
- \* *GA(1): Continuum of Care - (13580-GP15)* **\$18,000**  
*Sponsor:* Continuum of Care/Governor's Office
- \* *GA: Earle E. Morris Alcohol and Addiction Treatment Center - (13580-GP01)* **\$24,000**  
*Sponsor:* SC Department of Mental Health
- \* *GA: Lexington School District Two - (13580-HP14)* **\$9,500**  
*Sponsor:* Lexington School District Two
- \* *GA: Palmetto Health Alliance - (13580-LP07)* **\$14,500**  
*Sponsor:* Palmetto Health Alliance
- \* *GA: Palmetto Health Alliance - (13580-LP14)* **\$6,255**  
*Sponsor:* Palmetto Health Alliance
- \* *GA: Palmetto Health Alliance - (13580-LP15)* **\$9,581**  
*Sponsor:* Palmetto Health Alliance
- \* *GA: SC Department of Mental Health - (13580-GP16)* **\$35,466**  
*Sponsor:* SC Department of Mental Health

## Psychology

### Shinsky, Jeanne

- \* *Infants' Means-end Search for Objects - (13580-KA06)* **\$9,000**  
*Sponsor:* Research Consortium on Children & Families

### Swan, Suzanne

- \* *An Empirical Examination of a Theory of Women's Use of Violence in Intimate Relationships - (13580-FA25)* **\$13,871**  
*Sponsor:* USCRF/Yale University/DOJ

### Vendemia, Jennifer

- \* *Psychophysiological Detection of Deception Research - (13580-FA08)* **\$186,278**  
*Sponsor:* USCRF/Army Corps of Engineers/DOD
- \* *Reducing Contextual Bias in Performance Appraisal - (13580-FA26)* **\$478,927**  
*Sponsor:* National Science Foundation (NSF) - General

### Wandersman, Abraham

- \* *Evaluation of BRIN/EPSCoR - (13580-GA02)* **\$8,534**  
*Sponsor:* SC Research Authority/CHE
- \* *Formative and Summative Evaluation of the SC-BRIN/EPSCoR Program - (13580-FA29)* **\$80,278**  
*Sponsor:* USCRF/National Center for Research Resources (NCRRS)/NIH
- \* *Participatory Research of an Empowerment Evaluation System - (13580-FA14)* **\$123,926**  
*Sponsor:* USCRF/Rand/NIH

## Public Service & Policy Research, Institute for

### Beacham, Jeffrey

- \* *Congaree Land Trust Contract for BDRs - (21100-KL04)* **\$4,900**  
*Sponsor:* USCRF/Congaree Land Trust

### Cumberland, Jr. Frank J.

- \* *Mercury Lamp Disposal Education Outreach - (21100-FL10)* **\$76,185**  
*Sponsor:* US Environmental Protection Agency
- \* *Sustainable Universities Initiative - Development of a Course in Energy Law and Policy - (21100-KA03)* **\$3,000**  
*Sponsor:* USC Educational Foundation

### Kelsey, Heath

- \* *Fecal Coliform Bacteria Removal Efficiency for Stormwater Runoff BMPs in the Virgin Islands - (21600-FA51)* **\$17,200**  
*Sponsor:* USCRF/University of the Virgin Islands/USGS/DOI

*Public Service & Policy Research, Institute for*

- \* *Hydrologic Modeling in Turpentine Run, St. Thomas - (21600-FA64)* **\$26,206**  
*Sponsor:* USCRF/University of the Virgin Islands/USGS/DOI

**Oldendick, Robert**

- \* *An Evaluation of the Family Caregiver Support Program - (21100-FA12)* **\$13,670**  
*Sponsor:* SC Department of Health & Human Services/HHS

- \* *E2SC: Environmental Excellence in SC - (21100-G418)* **\$15,000**  
*Sponsor:* Hazardous Waste Management Research Fund/SCUREF

- \* *Evaluation of the Combating Underage Drinking Program - (21100-F420)* **\$559,550**  
*Sponsor:* Wake Forest University/DOJ

- \* *GA: SC Department of Health & Environmental Control - (21100-GP00)* **\$8,000**  
*Sponsor:* SC Department of Health & Environmental Control

- \* *Pregnancy Risk Assessment Monitoring Systems - (21100-FA05)* **\$16,000**  
*Sponsor:* SC Department of Health & Environmental Control/CDC

- \* *Public Perceptions of the South Carolina Department of Health and Environmental Control - (21100-GA01)* **\$6,250**  
*Sponsor:* SC Department of Health & Environmental Control

- \* *Tobacco Growers Survey - (21100-FL14)* **\$54,565**  
*Sponsor:* USCRF/Wake Forest/NIH

**Sheheen, Fred**

- \* *The SC Civil/Human Rights Anthology Project - Revenue Account - (21100-LL07)* **\$6,250**  
*Sponsor:* Various Sources

- \* *The South Carolina Civil/Human Rights Anthology Project - (21100-KL05)* **\$960**  
*Sponsor:* SC Humanities Council

**Steagall, Christine**

- \* *SC Environmental Symposium 2004 - (21100-GL13)* **\$46,860**  
*Sponsor:* SC Universities Research and Education Foundation (SCUREF)/HWMRF

- \* *Supplemental Project Proposal US EPA Region 4 (PPG) Grant - (21100-FL12)* **\$27,721**  
*Sponsor:* SC Department of Health & Environmental Control/EPA

*Religious Studies*

**Evans, Carl**

- \* *Reference and Research for Encyclopedia of Hinduism - (12570-K100)* **\$15,000**  
*Sponsor:* India Heritage Research Foundaiton

*Sociology*

**Billingsley, Andrew**

- \* *Pathways to Successful Reintegration of Ex-Inmates - (10010-FL08)* **\$100,000**  
*Sponsor:* USCRF/Public Private Ventures/Casey Fdn./DOL/DOJ

**Thye, Shane**

- \* *Collaborative Research on the Affective Bases of Social Order - (13530-FA04)* **\$82,870**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

*Southern Studies, Institute for*

**Edgar, Walter**

- \* *South Carolina Encyclopedia Project - (12060-FA01)* **\$262,040**  
*Sponsor:* SC Humanities Council

- \* *Southern Studies Program Expansion - (12060-KL00)* **\$568,000**  
*Sponsor:* USCRF/Watson Brown Foundation

*Theatre, Speech & Dance*

**Hunter, Jr., James**

- \* *GA: SC DHEC - (12580-GP00)* **\$20,250**  
*Sponsor:* SC Department of Health & Environmental Control

**Mass Communications & Information Studies, College of**

*Journalism & Mass Communications, School of*

**Jackson, Patricia**

- \* *Communications Training Course - (15600-FL26)* **\$69,703**  
*Sponsor:* USCRF/Social Security Administration

- \* *Strategic Communication Training - (15600-FL25)* **\$113,906**  
*Sponsor:* USCRF/Social Security Administration

- \* *Strategic Communications Training - (15600-FL22)* **\$15,145**  
*Sponsor:* USCRF/Social Security Administration (SSA) - General

- \* *Strategic Communications Training - (15600-FL23)* **\$118,046**  
*Sponsor:* USCRF/Social Security Administration (SSA) - General

*Library & Information Sciences, School of*

**Barron, Daniel**

\* *GA: Kershaw County Public Library - (15700-HP05)* **\$10,125**  
*Sponsor:* Kershaw County Public Library

\* *Palmetto and Pine Recruiting and Education Initiative - (15700-FL00)* **\$477,609**  
*Sponsor:* USCRF/Institute of Museum & Library Services

**Douglas, Gayle**

\* *GA: York County Public Library - (15700-HP04)* **\$4,532**  
*Sponsor:* York County Public Library

**Feehan, Patricia**

\* *Hispanic Literacy Summit - (15700-KA00)* **\$20,000**  
*Sponsor:* PSARAS Foundation

**Shannon, Donna**

\* *School Library Media Specialist for the Next Generation - (15700-FA01)* **\$196,159**  
*Sponsor:* USCRF/Institute of Museum and Library Services

**Tu, Feili**

\* *Consumer Health Information Services in American Public Libraries: An Assessment of Current Status and Educational Needs - (15700-KA01)* **\$15,000**  
*Sponsor:* USCRF/OCLC Online Computer Library Center  
*Co-PI:* **Zimmerman, Nancy**

**Williams, Robert**

\* *GA: Michelin Americas R&D Corp. - (15700-JP00)* **\$3,062**  
*Sponsor:* Michelin Americas R&D Corporation

\* *Southeast Archives Education Collaborative with Louisiana State University - (15700-FA00)* **\$4,945**  
*Sponsor:* USCRF/Louisiana State Univ/IMLS

**Medicine, School of**

*Cancer Center, South Carolina*

**Chen, Yu-Chyu**

\* *Potential Mechanism of Annexin 1-Mediated Suppression on Androgen Refractory Prostate Cancers - (18300-KA15)* **\$15,000**  
*Sponsor:* SC Cancer Center/Palmetto Health Foundation

## *Cell & Developmental Biology & Anatomy*

### **Blake, Charles**

\* *Research Infrastructure at Benedict College - (18020-FA14)* **\$109,810**  
*Sponsor:* USCRF/Benedict College/NIH

\* *Research Infrastructure at Benedict College - (18020-FA15)* **\$97,300**  
*Sponsor:* USCRF/Benedict College/NIH

### **Borg, Thomas**

\* *Administrative Core (COBRE) - (18020-FA07)* **\$42,991**  
*Sponsor:* USCRF/Medical University of South Carolina/NIH

\* *Cardiac Angiotensin: Load-Induced Hypertrophy and Failure - (18020-FA05)* **\$57,800**  
*Sponsor:* USCRF/Beth Israel Deaconess Medical Center/NIH

\* *Integrin Shedding in the Heart: In Vivo and in Vitro - (18020-FA08)* **\$361,250**  
*Sponsor:* USCRF/National Heart, Lung and Blood Institute (NHLBI)/NIH

\* *Three-Dimensional Micropatterned Cardiac Tissue Culture - (18020-FA13)* **\$42,530**  
*Sponsor:* USCRF/University of California - San Diego/NIH

### **Bullard, Tara**

\* *Protein Kinase C Expression in Cardiac Myocytes - (18020-KA04)* **\$18,200**  
*Sponsor:* American Heart Association - SC Affiliate  
*Co-PI:* **Price, Robert**

### **Carver, Wayne**

\* *Role of ADAMs in Heart Myocyte Development - (18020-FA01)* **\$252,875**  
*Sponsor:* National Heart, Lung & Blood Institute (NHLBI)/NIH

### **Goldsmith, Edie**

\* *Role of Discoidin Domain Receptor 2 in Valvulogenesis - (18020-FA17)* **\$335,274**  
*Sponsor:* USCRF/National Institutes of Health (NIH) - General  
*Co-PI:* **Potts, Jay**

### **Goodwin, Richard**

\* *The Role of LEK1 in the Proliferation and Differentiation of Cardiac Myocytes - (18020-KA00)* **\$65,000**  
*Sponsor:* American Heart Association

\* *The Role of the Extracellular Matrix in Cardiomyocyte Proliferation -* **\$228,017**  
*Sponsor:* Medical University of South Carolina/NIH

### **Muga, Stephanie**

\* *COBRE: Adjuvant Nutrition and Chemotherapeutic Response - (13130-FA03)* **\$211,216**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH

## *Cell & Developmental Biology & Anatomy*

### **Potts, Jay**

- \* *Regulation of AV Canal Formation by the Jak-STAT Pathway - (18020-FA16)* **\$310,644**  
*Sponsor:* USCRF/National Heart, Lung, & Blood Institute/NIH

### **Price, Robert**

- \* *COBRE: Histology/Imaging Core Facility - (13130-FA06)* **\$166,306**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH
- \* *Mucopolysaccharide Metabolism in Congenital Cardiac Anomalies -* **\$25,000**  
*Sponsor:* USCRF/Medical University of South Carolina/NIH

### **Ramsdell, Ann**

- \* *Left-Right Axis Determination and Cardiac Development - (18020-FA09)* **\$291,000**  
*Sponsor:* National Heart, Lung & Blood Institute (NHLBI)/NIH

### **Yost, Michael**

- \* *Cardiovascular Tissue Engineering - (18200-FA03)* **\$10,837**  
*Sponsor:* Medical University of South Carolina/NASA
- \* *Cardiovascular Tissue Engineering - (18200-GA00)* **\$6,400**  
*Sponsor:* SC EPSCoR Program
- \* *Tissue Engineered Artificial Myocardium - (18200-FA00)* **\$139,644**  
*Sponsor:* National Heart, Lung & Blood Institute (NHLBI)/NIH

## *Cell Biology & Neurosciences*

### **Millette, Clarke**

- \* *L-Selectin and Testicular Cell Interactions - (18010-FA02)* **\$227,588**  
*Sponsor:* National Institute of Child Health & Human Development/NIH

## *Family & Preventive Medicine*

### **Baxley, Elizabeth**

- \* *Minority Faculty Fellowship - (18130-FJ01)* **\$54,500**  
*Sponsor:* Health Resources & Services Administration/HHS
- \* *Palmetto Health Affiliation - (18130-K401)* **\$804,980**  
*Sponsor:* Palmetto Health Alliance

### **Bethea, Lesa**

- \* *Training in Assessment of Child Abuse and Neglect - (18130-FL05)* **\$909**  
*Sponsor:* SC Department of Health & Environmental Control/HHS

## *Family & Preventive Medicine*

### **Bostick, Roberd**

\* *A Multicenter, Randomized, Parallel Group, Placebo-Controlled, Double-Blind Study with In-House Blinding to Determine the Effect of 156 Weeks of Treatment with MK-0966 on the Recurrence of Neoplastic Polyps of the Large Bowel - (18130-JA00)* **\$8,184**

*Sponsor:* Merck Research Laboratories

\* *Vitamin D/Calcium Polyp Prevention Study - (18130-FA06)* **\$49,703**

*Sponsor:* USCRF/Emory University/NCI/NIH

### **Keisler, David**

\* *The Diabetes Initiative of South Carolina - (18130-GL05)* **\$52,200**

*Sponsor:* Medical University of South Carolina

### **McDermott, Suzanne**

\* *STEPS to Your Health - (18130-GL06)* **\$15,000**

*Sponsor:* SC Department of Disabilities & Special Needs

\* *The South Carolina Disability and Health Project - (18130-FL06)* **\$454,545**

*Sponsor:* USCRF/Centers for Disease Control (CDC)/HHS

## *Internal Medicine*

### **Bryan, Charles**

\* *Center for Bioethics - (21100-L102)* **\$85,077**

*Sponsor:* USC School of Medicine Educ. Trust/Palmetto Health Alliance

\* *Midlands Care Consortium-Ryan White Base Funds - (18190-FL10)* **\$182,824**

*Sponsor:* SC Department of Health & Environmental Control/HHS

\* *Perinatal HIV Prevention Services - (18190-FL00)* **\$40,000**

*Sponsor:* SC Department of Health & Environmental Control/HHS

\* *Perinatal HIV Prevention Services - (18190-FL15)* **\$123,492**

*Sponsor:* SC Department of Environmental Control/HHS

### **Butler, William**

\* *New Approaches to Inhibition of Human Thymidylate Synthase - (18300-KA11)* **\$1,183**

*Sponsor:* Palmetto Health Foundation

### **Chillag, Shawn**

\* *Palmetto Health Affiliation - (18190-K401)* **\$1,223,415**

*Sponsor:* Palmetto Health Alliance

## Internal Medicine

### Eleazer, G. Paul

\* *A Comprehensive Program to Strengthen Physician's Training in Geriatrics - (18190-KA00)* **\$500,000**

**Sponsor:** USCRF/Donald W. Reynolds Foundation

### Hopkins, Christie

\* *Prevention of Events with Angiotensin Converting Enzyme Inhibition (Peace Trial) - (18190-F104)* **\$835**

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

### Korrapati, Vijaya

\* *A Randomized, Open-Label Study to Assess Time to Hemoglobin Response of a Front Load Dosing Regimen for Darbepoetin Alfa Compared to a Weekly Dose Regimen for Recombinant Human Erythropoietin in Patients with... - (18190-JA14)* **\$4,600**

**Sponsor:** USCRF/Pharmaceutical Research Associates, Inc.

\* *A Randomized, Open-Label, Multicenter Study of Darbepoetin alfa Administered Once Every Two Weeks (Q2W) Compared with rHuEPO Administered Once Every Week (QW)... - (18190-JA17)* **\$7,080**

**Sponsor:** USCRF/AMGEN Company

### Lamb, Lawrence

\* *Antileukemic Effect of Gamma/Delta T Cells - (18140-KA03)* **\$132,027**

**Sponsor:** The Leukemia & Lymphoma Society

\* *Cellular Immune Response in Stage III-IV Lung Cancer Patients - (18300-KA16)* **\$7,000**

**Sponsor:** SC Cancer Center/Palmetto Health Alliance

\* *Evaluation of Cylex Immune Function Testing Kit in Stage III-IV Lung Cancer Patients-DONATED SUPPLIES - (18140-JA04)* **\$2,400**

**Sponsor:** USCRF/Cylex, Inc.

\* *Peripheral Blood Stem Cell Enumeration: CD34+ Enumeration for BBIND-6107 - (18140-KA04)* **\$3,250**

**Sponsor:** USCRF/American Red Cross

\* *Peripheral Blood Stem Cell Products - (18140-KA00)* **\$19,932**

**Sponsor:** USCRF/American Red Cross

\* *Tumor Aldehyde Dehydrogenase Activity as a Prognostic Indicator in Cancer Treatment - (18140-JA05)* **\$9,775**

**Sponsor:** USCRF/STEMCO Biomedical, Inc.

\* *Validation of Methods to Isolate Populations of Human HSPC by Cell Sorting Using Aldehyde Dehydrogenase - (18140-JA06)* **\$23,381**

**Sponsor:** USCRF/STEMCO Biomedical, Inc.

## Internal Medicine

### Lin, Tu

\* *A Multicenter, Double Blind, Randomized Placebo-Controlled Parallel Safety and Efficacy Study of TAK - (18190-JA16)* **\$5,000**

**Sponsor:** USCRF/Takeda Pharmaceutical North America

\* *A Multicenter, Double Blind, Randomized Placebo-Controlled Parallel Safety of TAK in Type 2DM - (18190-JA15)* **\$6,000**

**Sponsor:** USCRF/Takeda Pharmaceutical North America

\* *A Randomized Comparator, Controlled, Double-Blinded Study of the Pioglitazone HCl versus Glyburide with Metformin and Insulin as Part of Step Therapy in Subjects with Type 2 (Non-Insulin Dependent) Diabetes - (18190-JA02)* **\$8,910**

**Sponsor:** USCRF/Ingenix Pharmaceutical Services

\* *Eli Lilly B7A-MC-MBBR LY333531 Treatment of Peripheral Neuropathy in Patients with Diabetes-Phase 3 Pivotal Clinical Trial - (18190-JA08)* **\$13,065**

**Sponsor:** USCRF/Quintiles, Inc.

\* *Eli Lilly B7A-MC-MBCW LY333531 Treatment of Symptomatic Peripheral Neuropathy in Patients with Diabetes - (18190-JA10)* **\$31,830**

**Sponsor:** USCRF/Quintiles, Inc.

### Moloo, Jamal

\* *Ontarget/Transcend - (18190-JA09)* **\$16,105**

**Sponsor:** USCRF/Hamilton Health Sciences/Boehringer Ingelheim

### Talwani, Rohit

\* *A Phase II, Randomized, Double-Blind Multi-Center Clinical Trial Comparing Safety and Pharmacokinetics of Standard of Care, PlusAurexis or Placebo, for Treatment of Staphylococcus Aureus Bacteremia (SAB) - (18190-JA18)* **\$7,440**

**Sponsor:** USCRF/Inhibitex, Inc.

\* *HOPWA Case Case Management for HIV/AIDS Clients - (18190-FL21)* **\$50,000**

**Sponsor:** USCRF/City of Columbia/HUD

\* *Midlands Care Consortium - CBC/MAI ADAP Awareness - (18190-FL19)* **\$32,991**

**Sponsor:** SC Department of Health & Environmental Control/HHS

\* *Midlands Care Consortium - CBC/MAI Discharge Planning - (18190-FL20)* **\$31,783**

**Sponsor:** SC Department of Health & Environmental Control/HHS

\* *Midlands Care Consortium - Ryan White Base Funds - (18190-FL16)* **\$1,881,169**

**Sponsor:** SC Department of Health & Environmental Control/HHS

## *Internal Medicine*

- \* *Midlands Care Consortium - Ryan White Emerging Communities Funds -* **\$219,139**  
**Sponsor:** SC Department of Health & Environmental Control/HHS
  
- \* *Midlands Care Consortium - SC ADAP Insurance Funding - (18190-FL18)* **\$50,000**  
**Sponsor:** SC Department of Health & Environmental Control/HHS
  
- \* *Phase IIIB, Open-Label, Radomized, Multicenter Study Evaluating The Effect on Serum Lipids Following a Switch to the Protease Inhibitor (PI) Atazanavir in HIV-1 Infected - (18190-JA13)* **\$3,500**  
**Sponsor:** USCRF/Bristol-Myers Squibb Pharmaceutical Research
  
- \* *Phase IV, Open Label, Multicenter Study of Treatment with Trizivr Twice Daily and Tenofovir 300 mg Once-Daily for 48 Weeks in HIV-Infected Subjects Experiencing Early Virologic Failure - (18190-JA12)* **\$5,209**  
**Sponsor:** USCRF/GlaxoSmithKline
  
- \* *South Carolina AIDS Education and Training Center (ATEC) - (18190-FJ01)* **\$117,962**  
**Sponsor:** Emory University/HHS
  
- \* *South Carolina HIV/AIDS Clinical Training Center - (18190-FJ00)* **\$141,014**  
**Sponsor:** USCRF/Emory University/HRSA/HHS

## *Medicine Library*

### **Riley, Ruth**

- \* *SC Biomedical Research Infrastructure Network - (18280-FA02)* **\$266,316**  
**Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH

## *Medicine, School of - (Dean)*

### **Faulkner, Larry**

- \* *Integration of Physician Training and Biomedical Research in South Carolina - (18360-KJ02)* **\$303,500**  
**Sponsor:** USCRF/The Duke Endowment  
**Co-PI: Fowler, Stanley**

- \* *Palmetto Health Affiliation - (18260-K401)* **\$157,084**  
**Sponsor:** Palmetto Health Alliance

### **Fowler, Stanley**

- \* *Integration of Physician Training and Biomedical Research in South Carolina - (18360-KJ01)* **\$286,000**  
**Sponsor:** USCRF/The Fullerton Foundation, Inc.
  
- \* *South Carolina Consortium for Cardiovascular Disease and Stroke -* **\$55,000**  
**Sponsor:** Palmetto Health Richland

*Medicine, School of - (Dean)*

\* *Stevens Foundation Scholarship - John Baker - (18360-KJ00)* **\$27,900**  
**Sponsor:** John T. Stevens Foundation

\* *Videocommunications Equipment for the South Carolina Cancer Center - (18360-KQ05)* **\$30,000**  
**Sponsor:** USCRF/Palmetto Health Foundation

*Microbiology & Immunology*

**Fox, Alvin**

\* *Function of the bacillus anthracis spore carbohydrate - (18060-FA12)* **\$114,347**  
**Sponsor:** USCRF/Kansas State University/NIH

\* *IPA with Department of Homeland Security - (18060-FL00)* **\$201,854**  
**Sponsor:** Department of Homeland Security  
**Co-PI:** Fox K.

\* *Minority Predoctoral Fellowship Program - (18060-FA00)* **\$35,097**  
**Sponsor:** National Human Genome Research Institute/NIH  
**Co-PI:** Muhammad, Waries

\* *Proteomics and Advanced Bio-Analytical Instrumentation for Microbial Characterization - (18060-FA10)* **\$18,166**  
**Sponsor:** SC Universities Research and Education Foundation (SCUREF)/WSRC/DOE

\* *South Carolina Center for Public Health Preparedness - (18060-FJ01)* **\$35,410**  
**Sponsor:** USCRF/Association of Schools of Public Health/CDC

**Ghaffar, Abdul**

\* *Efficacy of the Polymeric Microsphere Encapsulated Vaccine Stimulate Antibody Production and Resistance - (18060-FA02)* **\$40,000**  
**Sponsor:** USCRF/Vasmo, Inc./US Army/DOD

\* *Novel Cellular and Small Animal Models to Selectively Screen for Functional Food and Dietary Supplements Which Delay Fatigue and Enhance Physical Stamina and Mental Alertness - (18060-FA01)* **\$83,131**  
**Sponsor:** USCRF/Clemson University/DOD

**Hunt, Margaret**

\* *Vitreous Modulation of Retinal Pigment Epithelium Cells - (18060-F173)* **\$252,875**  
**Sponsor:** National Eye Institute (NEI)/NIH

*Neuropsychiatry*

**Froehlich, Robert**

\* *Rehabilitation Long-Term Training: Rehabilitation Counseling - (18120-F260)* **\$196,034**  
**Sponsor:** US Department of Education (USDE) - General

*Neuropsychiatry*

**Harding, Richard**

\* *Palmetto Health Affiliation - (18120-K401)*

**\$729,574**

*Sponsor:* Palmetto Health Alliance

**Wright, Harry**

\* *Molecular and Genetic Epidemiology of Autism - (18120-FA00)*

**\$243,251**

*Sponsor:* USCRF/Duke University/NIH

*Obstetrics & Gynecology*

**Bacon, Janice**

\* *Palmetto Health Affiliation - (18110-K401)*

**\$1,022,254**

*Sponsor:* Palmetto Health Alliance

**Best, Robert**

\* *Genetic Services for Indigent and Underserved Patients - (18110-GL02)*

**\$64,952**

*Sponsor:* SC Department of Health & Environmental Control

\* *South Carolina Neural Tube Defect Surveillance, Prevention, and Research Initiative - (18110-F100)*

**\$59,000**

*Sponsor:* J.C. Self Research Institute of Human Genetics/CDC/HHS

*Ophthalmology*

**Davis, Richard**

\* *Palmetto Health Affiliation - (18150-K401)*

**\$557,193**

*Sponsor:* Palmetto Health Alliance

**Pakalnis, V. Al**

\* *Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (18150-JA00)*

**\$11,510**

*Sponsor:* USCRF/Parexel International Corporation

*Orthopaedics Surgery*

**Eady, John**

\* *Palmetto Health Affiliation - (18160-K401)*

**\$630,714**

*Sponsor:* Palmetto Health Alliance

*Pathology & Microbiology*

**Creek, Kim**

\* *HPIV16-Induced TGF-Beta Resistance in Human Keratinocytes - (18070-FA02)*

**\$258,100**

*Sponsor:* USCRF/National Cancer Institute (NCI)/NIH

*Pathology & Microbiology*

- \* *Training of Claflin Minorities at USC Cancer Center - (18060-FA07)* **\$118,186**  
*Sponsor:* USCRF/National Cancer Institute(NCI)/NIH

**Nachtigal, Maurice**

- \* *The Effect of Acetaminophen on the Development of Atherosclerosis in Apolipoprotein E Deficient Mice - (18060-JA01)* **\$60,000**  
*Sponsor:* USCRF/McNeil Consumer & Speciality Pharmaceuticals

**Patton, Jeffery**

- \* *Research Support Costs for Claflin College Master's Students - (18060-FA08)* **\$2,000**  
*Sponsor:* USCRF/National Cancer Institute/NIH

**Pirisi-Creek, Lucia**

- \* *HPV Vaccines and Immunotherapies Conference - (18060-FA06)* **\$8,000**  
*Sponsor:* USCRF/National Cancer Institute(NCI)/NIH
- \* *Papillomavirus Conference 2001-06 - (18070-FA01)* **\$15,000**  
*Sponsor:* USCRF/National Cancer Institute(NCI)/NIH

**Wargovich, Michael**

- \* *Evaluation of Antioxidant and Anti-carcinogenic Activities of Turmeric and Vetiver Oils - (18060-KA01)* **\$1,000**  
*Sponsor:* USCRF/Clemson University/SC Nutrition Research Consortium
- \* *Preliminary Studies with Traditional African Medicinals for Prevention of Chronic Inflammation and Cancer - (18060-KA00)* **\$13,554**  
*Sponsor:* SC Research Authority
- \* *Prostate Cancer Consortium Award "Nutrition Project" - (18060-FA11)* **\$5,646**  
*Sponsor:* University of NC at Chapel Hill/DOD
- \* *Research Support Costs for Claflin College Master's Students - (18060-FA09)* **\$2,000**  
*Sponsor:* USCRF/National Cancer Institute/NIH

**Zander, Mary**

- \* *Chemopreventive and Chemotherapeutic Effects of Herbs - (18060-FA04)* **\$23,356**  
*Sponsor:* USCRF/National Institute of Arthritis & Musculoskeletal & Skin Disease/NIH

*Pediatrics*

**Clement-Atkinson, Gay**

- \* *ABC Special Needs Child Care Voucher Program Public Awareness Services - (18140-GL16)* **\$164,109**  
*Sponsor:* SC Department of Disabilities & Special Needs

*Pediatrics*

**Derrick, C. Warren**

\* *Palmetto Health Affiliation - (18140-K401)* **\$651,985**  
*Sponsor:* Palmetto Health Alliance

\* *South Carolina Children's Advocacy Medical Response System - (18140-KL01)* **\$416,036**  
*Sponsor:* USCRF/The Duke Endowment

**Ferrante, Richard**

\* *CARE - Columbia - (18140-GL17)* **\$143,550**  
*Sponsor:* SC Department of Disabilities and Special Needs

\* *Personnel Development Collaboration TBI School/District Team Training Pilot - (18140-FL25)* **\$3,000**  
*Sponsor:* SC Department of Education/USDE

\* *Personnel Development Collaboration/Assistive Technology Expo 2004 -* **\$3,000**  
*Sponsor:* SC Department of Education/USDE

\* *South Carolina and Louisiana Community Development Project - (18140-FJ00)* **\$97,123**  
*Sponsor:* USCRF/Administration for Children & Families (ACF)/HHS

\* *South Carolina Assistive Technology Project - (18140-F477)* **\$414,768**  
*Sponsor:* US Department of Education (USDE) - General

\* *South Carolina University Center for Excellence in Developmental Disabilities - (18140-FL17)* **\$9,197**  
*Sponsor:* USCRF/Administration on Developmental Disabilities

\* *South Carolina University Center for Excellence in Developmental Disabilities - (18140-FL26)* **\$428,463**  
*Sponsor:* USCRF/Administration for Children & Families (ACF)/HHS

\* *State Improvement Grant - Mental Retardation Training - (18140-FJ01)* **\$12,500**  
*Sponsor:* SC Department of Education/USDE

\* *Training Materials and Programs for SCDDSN - (18140-GL15)* **\$4,000**  
*Sponsor:* SC Department of Disabilities & Special Needs

\* *Training Programs and Technical Assistance for Staff - (18140-GL18)* **\$468,172**  
*Sponsor:* SC Department of Disabilities and Special Needs

**Kotchmar, George**

\* *SC DHEC Division of STD/HIV - (18140-FL20)* **\$117,176**  
*Sponsor:* SC Department of Health & Environmental Control/HHS

*Pediatrics*

**Mayfield-Smith, Kathy**

- \* *Training and Certification for Attendant Care - (18140-FL18)* **\$486,514**  
**Sponsor:** SC Department of Health & Human Services/HHS

**McRedmond, Kevin**

- \* *An Open-Label, Single Arm, Multi-Center, Safety, Pharmacokinetic and Pharmacodynamic, Phase II Study of Anagrelide Hydrochloride in Pediatric and Adult Subjects with...* - (18140-JA07) **\$22,084**  
**Sponsor:** USCRF/Shire Pharmaceutical Development, Inc.

**Neuberg, Ronnie**

- \* *National Children's Cancer Foundation Research Project - (18140-FA04)* **\$13,734**  
**Sponsor:** National Childhood Cancer Foundation/NIH
- \* *Per Case and Specimen Reimbursement Agreement - (18140-FA05)* **\$2,000**  
**Sponsor:** USCRF/National Childhood Cancer Foundation/NIH

**Roberts, Carla**

- \* *Sickle Cell Management and Clinical Services - (18140-FL23)* **\$80,328**  
**Sponsor:** SC Department of Health & Human Services/HHS

**Schwartz, I. David**

- \* *Basal/Bolus Therapy with Insulin Aspart - (18140-JA01)* **\$7,063**  
**Sponsor:** USCRF/Nordisk Pharmaceuticals, Inc.
- \* *Kabi International Growth Study - (18140-JA02)* **\$210**  
**Sponsor:** USCRF/Pharmacia Corporation
- \* *Noroditropin National Registry Program - (18140-JA08)* **\$2,150**  
**Sponsor:** USCRF/Covance Periapproval Services, Inc.
- \* *Trial HGH 21476-Novo Nordisk Pharmaceuticals - (18140-JA03)* **\$9,750**  
**Sponsor:** USCRF/Novo Nordisk Pharmaceuticals, Inc.
- \* *Trial to Assess the Safety and Efficacy of Anastrozole - (18140-KA02)* **\$1,944**  
**Sponsor:** USCRF/Nemours Children's Clinic

*Pharmacology, Physiology & Neuroscience*

**Allen, Donald**

- \* *BRIN-Project 2 - (18090-FA03)* **\$257,082**  
**Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH

*Pharmacology, Physiology & Neuroscience*

**Fadel, Jim**

- \* *Functional Correlates of Orexin-Dopamine Interactions - (18080-KA03)* **\$30,000**  
*Sponsor:* USCRF/NARSD/Vanderbilt University

**Fisher, Janet**

- \* *Functional Effects of Mutations in the GABA<sub>A</sub> Receptor Linked to Inherited Epilepsy - (18080-KA07)* **\$40,000**  
*Sponsor:* Epilepsy Foundation

- \* *Structural Determinants of GABA-A Receptor Function - (18080-FA03)* **\$4,505**  
*Sponsor:* USCRF/National Center for Research Resources (NCRRS)/NIH

**McDonald, Alexander**

- \* *Synaptic Organization of the Basolateral Amygdala - (18080-FA01)* **\$596,210**  
*Sponsor:* USCRF/National Institute of Neurological Disorders & Stroke (NINDS)/NIH

**Reagan, Lawrence**

- \* *Hippocampal Insulin Signaling Deficits in Diabetes - (18080-KA06)* **\$125,000**  
*Sponsor:* USCRF/Juvenile Diabetes Research Foundation

**Walsh, Kenneth**

- \* *Hormonal and Mechanical Regulation of Cardiac Voltage-Gated K<sup>+</sup> Channels - (18080-KA01)* **\$71,500**  
*Sponsor:* American Heart Association

**Wilson, Marlene**

- \* *Amygdalar Neuropeptides and Anxiety - (18080-FA00)* **\$291,000**  
*Sponsor:* USCRF/National Institute of Mental Health (NIMH)/NIH

**Wilson, Steven**

- \* *In Vivo Genetic Manipulation of Excitability - (18080-FA02)* **\$41,906**  
*Sponsor:* USCRF/Stanford University/NIH

**Wolf, Matthew**

- \* *Role of Ceramide in the Anticancer Chemotherapeutic Action on the Endothelium - (18300-KA14)* **\$14,100**  
*Sponsor:* SC Cancer Center/Palmetto Health Foundation

*Radiology*

**Adcock, David**

- \* *Subcontract: Medical Surveillance for Former DOE Workers - (18180-F101)* **\$227,003**  
*Sponsor:* Medical University of South Carolina/DOE

## *Radiology*

### **Howe, Duncan**

- \* *Improving Patient's Ability to Communicate with their Doctor - (18360-KL04)* **\$500**  
*Sponsor:* USCRF/American Medical Association Foundation
  
- \* *Improving the Health Literacy of Health Consumers in Southern Lancaster County - (18360-KL01)* **\$153,860**  
*Sponsor:* USCRF/J. Marion Sims Foundation
  
- \* *Parents as Teachers Parenting Program for the Marlboro County First Steps Partnership Board - (18360-GL05)* **\$52,800**  
*Sponsor:* First Steps Partnership Board of Marlboro County
  
- \* *Pathways in Caring-Joint Project with Duke Medical Center - (18360-KL02)* **\$38,450**  
*Sponsor:* USCRF/Duke University/Fullerton Foundation

## *Surgery*

### **Bell, Richard**

- \* *A Practice-based Learning Program for Surgical Residents Addressing Special Issues for Elderly Patients: Top Blade-GeriatricEdition - (18200-KJ00)* **\$16,000**  
*Sponsor:* USCRF/American Geriatrics Society/John A. Hartford Foundation  
*Co-PI: Krantz, Brent; Eleazer, G. Paul*
  
- \* *Palmetto Health Affiliation - (18200-K401)* **\$905,473**  
*Sponsor:* Palmetto Health Alliance
  
- \* *Trauma Care Surgical Fellowship for South Carolina - (18200-KL00)* **\$12,000**  
*Sponsor:* USCRF/Fullerton Foundation

### **Bynoe, Raymond**

- \* *Efficacy and Safety of Drotregogin Alfa (Activated) in Adult Patients with Early Stage Sepsis - (18200-JA05)* **\$9,766**  
*Sponsor:* USCRF/Eli Lilly & Company

## **Music, School of**

### *Music, School of*

#### **Valerio, Wendy**

- \* *Music Technology Institute - (12550-FL00)* **\$39,955**  
*Sponsor:* Florence County School District Three/SC Department of Education

## Nursing, College of

### Nursing

#### **Adkins, Alice**

- \* *AHEC Community Based Education - (11210-GL03)* **\$8,700**  
*Sponsor:* SC Area Health Education Centers

#### **Alexander, Judith**

- \* *USC-SCDHEC Baccalaureate Student Field Experiences - (11230-FJ04)* **\$24,979**  
*Sponsor:* USCRF/Department of Health & Environmental Control/HRSA/HHS

#### **Andrews, Jeannette**

- \* *Sister to Sister: Helping Low-Income Women Quit Smoking - (11230-FA00)* **\$32,438**  
*Sponsor:* USCRF/National Institute of Nursing Research (NINR)/NIH

#### **Fuller, Sara**

- \* *Expanded Primary Care Services to an Urban Area - (11230-FJ02)* **\$439,961**  
*Sponsor:* USCRF/Health Resources & Services Administration (HRSA)/HHS

#### **Maeve, Katherine**

- \* *Health Reduction/Risk Promotion in Special Populations - (11210-FA12)* **\$1,500**  
*Sponsor:* National Institute for Nursing Research (NINR)/NIH

#### **Messias, DeAnne**

- \* *Hispanic Health Services Research Grant Program - (11210-FJ01)* **\$124,770**  
*Sponsor:* USCRF/Centers for Medicare & Medicaid Services/NIH

#### **Moneyham, Linda**

- \* *Telephone Peer Counseling for Rural Women with HIV - (11210-FA11)* **\$822,930**  
*Sponsor:* USCRF/National Institute of Nursing Research (NINR)/NIH

#### **Murdaugh, Carolyn**

- \* *Health Promotion/Risk Reduction in Special Populations - (11210-F100)* **\$309,898**  
*Sponsor:* National Institute of Nursing Research (NINR)/NIH

#### **Parsons, Mary Ann**

- \* *Nurse Faculty Workforce Initiative - (11210-FJ00)* **\$13,740**  
*Sponsor:* SC Employment Security Commission

#### **Phillips, Kenneth**

- \* *Acupuncture as Adjuvant Therapy for Distressful Symptoms of Cancer, Cancer Chemotherapy, and Radiation Therapy - (18300-KA17)* **\$14,781**  
*Sponsor:* SC Cancer Center/Palmetto Health Alliance

## Pharmacy, College of

### *Basic Pharmaceutical Sciences*

#### **Berger, Sondra**

\* *Genetic Profiling of Breast Cancer in African-Americans in South Carolina - (18300-KA00)* **\$30,000**

*Sponsor:* Palmetto Health Foundation

\* *Research Support Costs for Claflin College Master's Students - (11110-FA12)* **\$2,000**

*Sponsor:* USCRF/National Cancer Institute (NCI)/NIH

\* *The Sphingosine Kinase 1/Sphingosine-1-phosphate Pathway as a New Target for Colon Cancer Chemoprevention - (11110-FA11)* **\$6,892**

*Sponsor:* Medical University of SC/Geo-Centers/DOD

#### **Smith, Eric**

\* *Carcinogen Penetration Enhancement in Respiratory Tract Tissue - (11110-FA10)* **\$46,793**

*Sponsor:* Medical University of SC/Geo-Centers/DOD

#### **Smith, Theresa**

\* *Research Support Costs for Claflin College Master's Students - (11110-FA13)* **\$2,000**

*Sponsor:* USCRF/National Cancer Institute (NCI)/NIH

#### **Zhu, Bao**

\* *2-Methoxyestradiol and Hormonal Cancer - (11110-FA08)* **\$207,338**

*Sponsor:* USCRF/National Cancer Institute (NCI)/NIH

\* *Endogenous Estrogen-Fatty Acid Esters: Mammary-Selective Hormones and Carcinogens - (11110-KA03)* **\$161,250**

*Sponsor:* USCRF/American Cancer Society

\* *Selective Induction of Estrogen Conjugative Metabolism - (11110-FA06)* **\$207,338**

*Sponsor:* USCRF/National Cancer Institute(NCI)/NIH

### *Pharmacy - (Dean)*

#### **Dickson, W. Michael**

\* *Antibiotic Prescribing Behavior - (11120-FL00)* **\$13,500**

*Sponsor:* SC Department of Health & Environmental Control/HHS

### *Pharmacy - (General)*

#### **Lingle, William E.**

\* *Review of Data Regarding Pharmacy Utilization Identify High Utilizers and Provide Recommendations - (11150-FA01)* **\$212,267**

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

*Pharmacy - (General)*

**Michels, Jill**

- \* *Reportable Diseases Database Software - (11140-GL02)* **\$5,350**  
*Sponsor:* SC Department of Health & Environmental Control
  
- \* *SC DHEC Bioterrorism Project - (11140-FL03)* **\$158,244**  
*Sponsor:* SC Department of Health & Environmental Control/CDC
  
- \* *South Carolina Poison Center Certification Project - (11140-FL01)* **\$233,614**  
*Sponsor:* USCRF/Health Resources & Services Administration (HRSA)/HHS

**Oppelt, Thomas**

- \* *Evaluating the Treatment of COPD Patients within a Veterans Administration Medical Center - (11150-JA03)* **\$25,905**  
*Sponsor:* USCRF/Boehringer Ingelheim Pharmaceuticals, Inc.

**Shinogle, Judith**

- \* *NCHS/Academy Health Policy Fellowship (IPA) - (11120-FA02)* **\$114,915**  
*Sponsor:* Centers for Disease Control (CDC)/HHS

**Wyatt, Michael**

- \* *COBRE: Thymineless Death and Genome Stability - (13130-FA02)* **\$204,083**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH
  
- \* *Effect of Dietary Components on DNA Repair - (11110-FA07)* **\$70,521**  
*Sponsor:* USCRF/National Cancer Institute(NCI)/NIH
  
- \* *Research Support Costs for Claflin College Master's Students - (11110-FA14)* **\$2,000**  
*Sponsor:* USCRF/National Cancer Institute (NCI)/NIH
  
- \* *SGER: Cytotoxicity of Nanoparticles - (11110-FA09)* **\$52,168**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

*Pharmacy Practice*

**Phillips, Cynthia**

- \* *Educational Enhancement of University of South Carolina Doctor of Pharmacy Candidates - (11150-GJ03)* **\$10,300**  
*Sponsor:* SC Area Health Education Centers

**Rowen, Randall**

- \* *Clinical Pharmacy Service Contract Agreement - (11150-LL01)* **\$76,750**  
*Sponsor:* Palmetto Health Richland
  
- \* *Medication Use by SC Medicaid Recipients Age 55 and Older - (11150-FA00)* **\$7,800**  
*Sponsor:* SC Department of Health & Human Services/HHS  
*Co-PI: Dickson, W. Michael*

## Provost, Office of the

### *Provost, Office of the*

#### **Odom, Jerome**

- \* *SC EPSCoR Travel Grant - (61000-GA01)* **\$4,267**  
*Sponsor:* SC EPSCoR Office

### *TRIO Programs*

#### **Beasley, Paul**

- \* *Educational Opportunity Centers Program - (21710-FL15)* **\$427,832**  
*Sponsor:* US Department of Education (USDE) - General
- \* *Educational Talent Search Program - (21710-FL13)* **\$329,914**  
*Sponsor:* USCRF/US Department of Education (USDE) - General
- \* *Ronald E. McNair Post Baccalaureate Achievement Program - (21710-FL14)* **\$222,592**  
*Sponsor:* USCRF/US Department of Education (USDE) - General
- \* *Student Support Services - (21710-FL12)* **\$270,772**  
*Sponsor:* US Department of Education (USDE) - General
- \* *Upward Bound Program - (21710-FL16)* **\$488,392**  
*Sponsor:* US Department of Education (USDE) - General

## Public Health, Arnold School of

### *Communication Sciences & Disorders*

#### **Frank, Elaine**

- \* *SC AHEC Award for Community Based Education - (11560-GJ00)* **\$9,700**  
*Sponsor:* SC Area Health Education Centers

#### **Healy, Eric**

- \* *Flexibility in Research Design using Current Experimental Control Mechanisms - (11560-KA02)* **\$5,645**  
*Sponsor:* MUSC/James E. & Pamela Knowles Foundation
- \* *Speech Perception by Normal and Impaired Listeners - (11560-FA00)* **\$72,750**  
*Sponsor:* USCRF/National Institute of Child Health & Human Development (NICHD)/NIH

### *Communication Sciences & Disorders*

#### **Martin, Judith**

- \* *USC Stuttering Institute: Fluency Roundup II - (11560-FJ01)* **\$4,000**  
*Sponsor:* SC Department of Education/USDE  
*Co-PI:* Frank, Elaine

*Environmental Health Sciences*

**Aelion, C. Marjorie**

\* *Establishment of the Center for Water Research and Policy at USC - (11510-F126)* **\$111,007**  
*Sponsor:* USCRF/US Department of Education (USDE) - General

\* *LUCES: Role of Groundwater in the Biogeochemical Cycles of Carbon, Nitrogen and Phosphorus in SC and GA Waters - (11510-FA62)* **\$50,189**  
*Sponsor:* SC Sea Grant Consortium/NOAA

\* *USES - Urbanization and Southeastern Estuarine Systems - (11510-FA59)* **\$77,003**  
*Sponsor:* SC Sea Grant Consortium/NOAA

**Bernhard, Joan**

\* *The Chloroplast Conundrum: The Biology and Ecology of a Chloroplast-sequestering Foraminifer Inhabiting an Aphotic, Sulfide-enriched Deep-sea Environment - (11510-FA35)* **\$155,722**  
*Sponsor:* USCRF/National Aeronautics & Space Administration (NASA)

**Chandler, G. Thomas**

\* *LUCES: Contaminant and Toxicology Research - A Hard Clam Bioassay and Microbiology - (11510-FA63)* **\$54,000**  
*Sponsor:* SC Sea Grant Consortium/NOAA

*Communication Sciences & Disorders*

**Martin, Judith**

\* *USC Stuttering Institute: Fluency Roundup II - (11560-FJ01)* **\$4,000**  
*Sponsor:* SC Department of Education/USDE  
*Co-PI: Frank, Elaine; Scott G.*

\* *USES - Urbanization and Southeastern Estuarine System - (11510-FA58)* **\$78,100**  
*Sponsor:* SC Sea Grant Consortium/NOAA

\* *USES - Urbanization and Southeastern Estuarine Systems - (11510-FA57)* **\$82,286**  
*Sponsor:* SC Sea Grant Consortium/NOAA

\* *USES - Urbanization and Southeastern Estuarine Systems - (11510-FA60)* **\$135,393**  
*Sponsor:* SC Sea Grant Consortium/NOAA

\* *Utility of Meiobenthos for Risk Assessment of Low Level Crude Oil WSF's: Rapid Copepod-Based Approaches - (11510-FA70)* **\$119,864**  
*Sponsor:* USCRF/University of New Hampshire/NOAA

**Decho, Alan**

\* *LUCES: Land Use Effects on Mobility Bioavailability, and Toxicity of Common Urban Contaminants in Water Sediment of Coastal Ecosystems - (11510-FA65)* **\$58,558**  
*Sponsor:* SC Sea Grant Consortium/NOAA

## *Environmental Health Sciences*

* <i>LUCES: Land Use Effects on Mobility Bioavailability, and Toxicity of Common Urban Contaminants in Water/Sediment of Coastal Ecosystems - (11510-FA64)</i> <i>Sponsor:</i> SC Sea Grant Consortium/NOAA <i>Co-PI: Chandler T.</i>	<b>\$57,802</b>
* <i>Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas - (11510-FA34)</i> <i>Sponsor:</i> USCRF/University of North Carolina/NSF	<b>\$80,558</b>
<b>Feigley, Charles</b>	
* <i>Graduate Education in Industrial Hygiene - (11510-FJ05)</i> <i>Sponsor:</i> National Institute for Occupational Safety & Health (NIOSH)/HHS	<b>\$72,562</b>
* <i>Investigating Principles of Workroom Exposure - (11510-FA23)</i> <i>Sponsor:</i> USCRF/National Institute for Occupational Health & Safety (NIOSH)/HHS	<b>\$180,625</b>
* <i>South Carolina Center for Public Health Preparedness - (11500-FJ06)</i> <i>Sponsor:</i> USCRF/Association of Schools of Public Health/CDC <i>Co-PI: Richter, Donna</i>	<b>\$842,912</b>
* <i>Support for Environmental Epidemiology Faculty - (11500-FJ07)</i> <i>Sponsor:</i> SC Department of Health & Environmental Control/CDC <i>Co-PI: Richter, Donna</i>	<b>\$53,000</b>
<b>McKellar, Henry</b>	
* <i>LUCES: Tidal Exchange of Nutrients in Estuarine Wetlands of the South Atlantic Bight: Seasonal Dynamics and Effects of Upland Development - (11510-FA61)</i> <i>Sponsor:</i> SC Sea Grant Consortium/NOAA	<b>\$18,532</b>
<b>Newman, Lee</b>	
* <i>Dewatering Remediation and Evaluation of Dredged Sediments - (11510-FA32)</i> <i>Sponsor:</i> USCRF/Purdue University/EPA	<b>\$31,910</b>
* <i>Joint USC-Savannah River Ecology Laboratory Faculty - (11510-FA41)</i> <i>Sponsor:</i> USCRF/University of Georgia/DOE	<b>\$105,000</b>
* <i>Phytoremediation - (11510-FA72)</i> <i>Sponsor:</i> USCRF/University of Washington/NIH	<b>\$125,942</b>
* <i>Phytoremediation: NIEHS Superfund Collaboration - (11510-FA53)</i> <i>Sponsor:</i> USCRF/University of Washington/NIH	<b>\$56,001</b>
<b>Porter, Dwayne</b>	
* <i>Assessing Community Level Mapping Needs at McCrady Training Center - (21600-GA00)</i> <i>Sponsor:</i> Office of Adjutant General	<b>\$98,827</b>

## *Environmental Health Sciences*

\* *Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office - (21600-FA58)* **\$257,550**  
**Sponsor:** USCRF/US Department of Commerce

\* *LUCES: Development of a GIS-Based Database Management and Spatial Modeling Program - (11510-FA66)* **\$83,316**  
**Sponsor:** SC Sea Grant Consortium/NOAA

\* *LUCES: Development of a GIS-Based Database Management and Spatial Modeling Program - (11510-FA67)* **\$34,463**  
**Sponsor:** SC Sea Grant Consortium/NOAA  
**Co-PI:** **Aelion, C. Marjorie**

\* *LUCES: Development of a GIS-Based Database Management and Spatial Modeling Program - (11510-FA68)* **\$30,462**  
**Sponsor:** SC Sea Grant Consortium/NOAA

\* *NERRS Remote Sensing Applications Assessment Project (RESAAP) -* **\$158,140**  
**Sponsor:** USCRF/University of New Hampshire/NOAA  
**Co-PI:** **Jensen, John**

\* *Urbanization and Southeastern Estuarine Systems (USES) - (11510-FA69)* **\$44,868**  
**Sponsor:** SC Sea Grant Consortium/NOAA  
**Co-PI:** **Ferry, John**

\* *Urbanization and Southeastern Estuarine Systems (USES) - (21600-FA55)* **\$195,743**  
**Sponsor:** SC Sea Grant Consortium/NOAA

\* *Urbanization and Southeastern Estuarine Systems (USES) - (21600-FA57)* **\$9,756**  
**Sponsor:** SC Sea Grant Consortium/NOAA  
**Co-PI:** **Edwards, Donald**

### **Stow, Craig**

\* *Regional Scale Stressor-Response Models for Use in Environmental Decision-Making - (11510-FA56)* **\$145,619**  
**Sponsor:** USCRF/Louisiana State University/EPA

## *Epidemiology & Biostatistics*

### **Adams, Swann**

\* *Physical Activity and Hormone Receptor-Defined Breast Cancer - (11520-KA01)* **\$10,000**  
**Sponsor:** USCRF/American College of Sports Medicine

### **Aldrich, Tim**

\* *Carolina Asthma Surveillance and Ed-Based Intervention - (11520-FA23)* **\$28,582**  
**Sponsor:** Centers for Disease Control (CDC)/HHS  
**Co-PI:** **Hurley, Deborah**

## *Epidemiology & Biostatistics*

### **Cornman, Carol**

\* *Alzheimer's Disease Registry Management, Training and Development Related to Dementia - (11580-FA08)* **\$75,000**

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

\* *Real Choice System Change - (11580-FL05)* **\$196,933**

**Sponsor:** SC Department of Health & Environmental Control/HHS

### **Cunningham, Joan**

\* *GA: Palmetto Health Foundation - (11520-KP08)* **\$5,025**

**Sponsor:** Palmetto Health Foundation

\* *GA: Palmetto Health Foundation - (11520-KP09)* **\$12,691**

**Sponsor:** Palmetto Health Foundation

### **Drane, J. Wanzer**

\* *Development of Long-Term Institutional Linkage into Research of Non Cancer Morbidity of Chernobyl Children - (10060-KJ01)* **\$25,000**

**Sponsor:** Council for International Exchange of Scholars

\* *Fort Jackson Center One - (11520-FA35)* **\$44,544**

**Sponsor:** USCRF/Fort Jackson/US Army/DOD

### **Hebert, James**

\* *A Randomized Cross-Over Study to Compare Once a Day Sevelamer Dosing with Three Times Per Day Sevelamer Dosing - (11520-JA01)* **\$17,500**

**Sponsor:** USCRF/Genzyme Corporation

**Co-PI: Hurley, Thomas**

\* *Behavior Change Consortium - Dietary Supplement Study - (11520-FA41)* **\$22,435**

**Sponsor:** USCRF/Harvard School of Public Health/NCI/HHS

\* *Dietary Assessment-Randomized Trial of Sevelamer Hydrochloride in Chronic Kidney Disease Patients - (11500-JA00)* **\$8,627**

**Sponsor:** USCRF/GelTex Pharmaceuticals, Inc.

**Co-PI: Hurley, Thomas**

\* *Geo Centers - (11520-FA40)* **\$1,885**

**Sponsor:** MUSC/Geo-Centers, Inc/DOD

\* *Research Support Costs for Claflin College Master's Students - (11520-FA39)* **\$2,000**

**Sponsor:** USCRF/National Cancer Institute/NIH

\* *Self-report Dietary Data: Influence of Bias and Imprecision on Intervention Effect Estimates - (11520-KA04)* **\$16,859**

**Sponsor:** SC Nutrition Research Consortium/SCRA

## *Epidemiology & Biostatistics*

* <i>SIP 2-02: PRC Cancer Prevention and Control Network - (11570-FA33)</i> <i>Sponsor:</i> Centers for Disease Control (CDC)/HHS	<b>\$495,882</b>
<b>Lane, Marcia</b>	
* <i>Quality Assurance for Aging Programs in South Carolina - (11580-FL04)</i> <i>Sponsor:</i> SC Department of Health & Human Services/HHS	<b>\$34,347</b>
<b>Lawson, Andrew</b>	
* <i>Geographic Tools for Surveillance and Study of Disease - (11520-FA21)</i> <i>Sponsor:</i> USCRF/Robert Wood Johnson Foundation/NIH	<b>\$74,000</b>
* <i>Geographical Determinants of Prostate Cancer Progression in South Carolina - (11520-FA36)</i> <i>Sponsor:</i> Geo-Centers/MUSC/DOD	<b>\$25,643</b>
* <i>Tests for Spatial Randomness in Cancer Maps - (11520-FA38)</i> <i>Sponsor:</i> USCRF/Harvard University/NIH	<b>\$25,000</b>
<b>Liese, Angela</b>	
* <i>Dietary Glycemic Index in Relation to the Metabolic Syndrome: An Ancillary Study to the Insulin Resistance Artherosclerosis Study (IRAS) - (11520-KA00)</i> <i>Sponsor:</i> USCRF/American Diabetes Association	<b>\$99,148</b>
<b>Macera, Caroline</b>	
* <i>Analysis of Survey Data for the Cooper Institute - (11570-FA46)</i> <i>Sponsor:</i> USCRF/The Cooper Institute/NIH	<b>\$29,642</b>
<b>Mayer-Davis, Elizabeth</b>	
* <i>Defining Diabetes in Youth: South Carolina Site - (11520-FA29)</i> <i>Sponsor:</i> USCRF/University of Colorado/NIH	<b>\$318,645</b>
* <i>Diabetes Prevention Program Outcomes Study (DPPOS) - (11520-FA31)</i> <i>Sponsor:</i> USCRF/The George Washington University/NIH	<b>\$19,107</b>
* <i>Diabetes Prevention Program Outcomes Study (DPPOS) - (11520-FA37)</i> <i>Sponsor:</i> USCRF/George Washington University/NIH	<b>\$110,495</b>
* <i>LOOK-AHEAD - (11520-FA34)</i> <i>Sponsor:</i> USCRF/Wake Forest University/NIH	<b>\$83,515</b>
* <i>Revenue Account for 11520-FA16 and the Continuation Account 11520-FA26. (LOOK AHEAD) - (11520-LA02)</i> <i>Sponsor:</i> USCRF/Wake Forest University/NIH	<b>\$14,790</b>

## *Epidemiology & Biostatistics*

* <i>Treatment of Options for Type 2 Diabetes in Adolescents and Youth (TODAY) - (11590-FA05)</i>	<b>\$37,586</b>
<i>Sponsor:</i> USCRF/The George Washington University/HHS	
* <i>Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) - (11590-FA04)</i>	<b>\$29,379</b>
<i>Sponsor:</i> USCRF/George Washington University/NIH	
* <i>Uniform Population Based Approach and Research on Childhood Diabetes: SEARCH Study - (11520-FA33)</i>	<b>\$653,005</b>
<i>Sponsor:</i> Centers for Disease Control (CDC)/HHS	
<b>McKeown, Robert</b>	
* <i>Exploring Diabetes and Depression in Youth - (11520-FA25)</i>	<b>\$293,284</b>
<i>Sponsor:</i> USCRF/National Institute of Mental Health (NIMH)/NIH	
* <i>GA: Richland County School District One - (11520-HP00)</i>	<b>\$13,500</b>
<i>Sponsor:</i> Richland County School District One	
* <i>GA: SC Central Cancer Registry - (11520-GP13)</i>	<b>\$15,913</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control	
* <i>GA: SC Department of Health &amp; Environmental Control - (11520-GP11)</i>	<b>\$11,000</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control	
* <i>GA: SCDHEC - (11520-GP12)</i>	<b>\$49,500</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control	
* <i>Heart, Soul, Mind and Strength Program - (11520-KA03)</i>	<b>\$50,700</b>
<i>Sponsor:</i> USCRF/SCUMAC/Duke Endowment	
* <i>The Epidemiology of ADHD in Young Children - (11520-FA32)</i>	<b>\$261,971</b>
<i>Sponsor:</i> USCRF/Centers for Disease Control (CDC)/HHS	
<b>Vena, John</b>	
* <i>GA: SC Department of Health &amp; Environmental Control - (11520-GP16)</i>	<b>\$18,326</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control	
* <i>GA: SC DHEC - (11520-GP14)</i>	<b>\$10,084</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control	
* <i>GA: SC DHEC - (11520-GP15)</i>	<b>\$10,084</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control	

*Epidemiology & Biostatistics*

- \* *Impact of Physical Fitness and Exercise on Health - (11570-FA47)* **\$17,096**  
**Sponsor:** Cooper Institute/NIH

**Weinrich, Sally**

- \* *Collaborative Recruitment Centers for African American Hereditary Prostate Cancer - (11520-F101)* **\$92,883**  
**Sponsor:** Wayne State University/Howard University/NIH

**Wheeler, Frances**

- \* *Southeast Public Health Training Center - (11500-FJ01)* **\$15,000**  
**Sponsor:** University of North Carolina/HRSA

**Xie, Da-wen**

- \* *Research Support - (18300-KA12)* **\$35,000**  
**Sponsor:** Palmetto Health Foundation/SC Cancer Center

*Exercise Science*

**Bopp, Melissa**

- \* *Evaluation of Faith-Based, Behavior Change Physical Activity Program - (11530-KA11)* **\$5,000**  
**Sponsor:** American College of Sports Medicine  
**Co-PI: Wilcox, Sara**

**Carson, James**

- \* *Aging Skeletal Muscle's Decreased Regenerative Capacity: Inflammation's Critical Role - (11530-FA06)* **\$13,593**  
**Sponsor:** Benedict College/SC Brin/NSF
- \* *Aging Skeletal Muscle's Decreased Regenerative Capacity: Inflammation's Critical Role - (11530-FA17)* **\$25,000**  
**Sponsor:** Benedict College/NIH
- \* *Effect of Steroid on RhoA Activation in Muscle Recovering from Disuse -* **\$5,000**  
**Sponsor:** USCRF/American College of Sports Medicine/NASA  
**Co-PI: McClung, Joseph**

**Davis, J. Mark**

- \* *Carbohydrates Electrolyte Drinks for Fluid Replacement During and After Exercise - (11530-J120)* **\$164,235**  
**Sponsor:** Quaker Oats Company
- \* *Novel Cellular and Small Animal Models to Selectively Screen for Functional Food and Dietary Supplements Which Delay Fatigue and Enhance Physical Stamina and Mental Alertness - (11530-FA05)* **\$86,222**  
**Sponsor:** USCRF/Clemson University/NNC/DOD

## Exercise Science

* <i>The Role of Cytokines in the Development of Central Fatigue - (11530-KA09)</i> <b>Sponsor:</b> American College of Sports Medicine Foundation <b>Co-PI: Carmichael, Martin</b>	<b>\$4,981</b>
<b>Durstine, John L.</b>	
* <i>GA: Michelin North America - (11530-JP06)</i> <b>Sponsor:</b> Michelin North America	<b>\$15,900</b>
* <i>GA: South Carolina Heart Center - (11530-JP08)</i> <b>Sponsor:</b> SC Heart Center	<b>\$13,450</b>
<b>Pate, Russell</b>	
* <i>Community Characteristics and PA Among Adolescent Girls - (11530-FA07)</i> <b>Sponsor:</b> USCRF/RAND/NIH	<b>\$54,876</b>
* <i>Lifestyle Education for Activity Program (LEAP) Dissemination Workshop - (11530-KJ00)</i> <b>Sponsor:</b> Research Consortium	<b>\$1,485</b>
* <i>Physical Activity in Preschool Children - (11530-FA11)</i> <b>Sponsor:</b> USCRF/National Institute of Child Health & Human Development (NICHD)/NIH	<b>\$358,701</b>
* <i>Physical Activity in Preschool Children - Supplement - (11530-FA18)</i> <b>Sponsor:</b> USCRF/National Institute of Child Health & Human Development (NICHD)/NIH <b>Co-PI: Williams, Harriett G.</b>	<b>\$193,257</b>
* <i>Physical Activity Training for Public Health Professionals - (11570-FA36)</i> <b>Sponsor:</b> Centers for Disease Control (CDC)/HHS	<b>\$194,959</b>
* <i>Promotion of Physical Activity in High School Girls - (11530-FA12)</i> <b>Sponsor:</b> USCRF/National Heart, Lung & Blood Institute (NHLBI)/NIH	<b>\$621,148</b>
* <i>Trail of Activity for Adolescent Girls - (11530-FA15)</i> <b>Sponsor:</b> National Heart, Lung & Blood Institute (NHLBI)/NIH	<b>\$762,027</b>
<b>Wilcox, Sara</b>	
* <i>Evaluation of the Active for Life Program - (11570-KA03)</i> <b>Sponsor:</b> USCRF/Robert Wood Johnson Foundation	<b>\$364,190</b>
* <i>Evaluation of the Active for Life Program - (11570-KA10)</i> <b>Sponsor:</b> Robert Wood Johnson Foundation	<b>\$19,008</b>
* <i>Health-e-AME Faith Based Physical Activity Initiative - (11530-FA09)</i> <b>Sponsor:</b> USCRF/Medical University of South Carolina/CDC	<b>\$208,782</b>

## *Exercise Science*

\* *SIP 5-01: Creation of a PRC Network for Healthy Aging - (11570-FA38)* **\$46,810**  
*Sponsor:* Centers for Disease Control (CDC)/HHS

\* *The Effect of a Home-Based Walking Intervention on Quality of Life, Body Composition, and Estrogen Metabolism in Postmenopausal Breast Cancer Survivors - (11530-FA16)* **\$52,111**  
*Sponsor:* US Army Medical Research Acquisition Activity/DOD

### **Wilson, Dawn**

\* *Self-Determination for Increasing Physical Activity - (11570-FA48)* **\$531,247**  
*Sponsor:* USCRF/National Institute of Child Health & Human Development (NICHD)/NIH

### **Youngstedt, Shawn**

\* *Preventing Risks of Long Sleep - (11530-FA14)* **\$213,298**  
*Sponsor:* USCRF/National Heart, Lung, & Blood Institute (NHLBI)/NIH

## *Health Promotion, Education & Behavior*

### **Corwin, Sara**

\* *SC Campaign to Prevent Teen Pregnancy - Faculty Consulting Contract - (11500-KL01)* **\$5,250**  
*Sponsor:* SC Campaign to Prevent Pregnancy

### **Neal, Albert**

\* *2004 National Youth Sports Program - (11540-FL06)* **\$78,500**  
*Sponsor:* USCRF/National Youth Sports Corporation/HHS

\* *National Youth Sports Program (NYSP) Supplementary Grant A1 - (11540-KL02)* **\$12,000**  
*Sponsor:* USCRF/Family Service Center

\* *National Youth Sports Program Supplementary Grant A2 - (11540-LL00)* **\$5,000**  
*Sponsor:* USCRF/Palmetto Health Alliance

### **Parra-Medina, Deborah**

\* *HHER Lifestyle Program for CVD Risk Reduction - (11540-FA25)* **\$43,087**  
*Sponsor:* National Heart, Lung & Blood Institute (NHLBI)/NIH  
*Co-PI: Wilcox, Sara*

\* *USC STEP UP - (11540-KA02)* **\$99,116**  
*Sponsor:* USCRF/Association of Schools of Public Health/Legacy Foundation

### **Richter, Donna**

\* *African Americans and HIV: Knowing Partner Risk - (11540-FA24)* **\$50,000**  
*Sponsor:* USCRF/Association of Schools of Public Health/CDC

*Health Promotion, Education & Behavior*

* <i>Community Disaster Response Services Training Initiative (Collaborative Team Model Budget) - (11540-FJ12)</i>	<b>\$44,016</b>
<i>Sponsor:</i> SC Department Mental Health/SC DHEC/HRSA	
<i>Co-PI:</i> <b>Reece, Linda</b>	
* <i>Community Disaster Response Services Training Initiative (Training Budget) - (11540-FJ11)</i>	<b>\$55,626</b>
<i>Sponsor:</i> SC Department of Mental Health/SC DHEC/HRSA	
<i>Co-PI:</i> <b>Reece, Linda</b>	
* <i>Disaster Response Training for the SCDMH (Conference Budget) - (11540-FJ07)</i>	<b>\$17,732</b>
<i>Sponsor:</i> SC Department of Mental Health/SAMHS/HHS	
<i>Co-PI:</i> <b>Baker-Reese, Lisa; Richter, Jane</b>	
* <i>Disaster Response Training for the SCDMH (Training Budget) - (11540-FJ06)</i>	<b>\$97,500</b>
<i>Sponsor:</i> SC Department of Mental Health/SAMHS/HHS	
<i>Co-PI:</i> <b>Baker-Reese, Lisa; Richter, Jane</b>	
* <i>Evaluation of Needlestick Prevention Information Dissemination Project - (11540-FA10)</i>	<b>\$12,000</b>
<i>Sponsor:</i> USCRF/ASPH/CDC	
* <i>GA: American Lung Association - (11540-LP15)</i>	<b>\$8,000</b>
<i>Sponsor:</i> American Lung Association of South Carolina	
* <i>GA: Companion HealthCare - (11540-JP24)</i>	<b>\$4,784</b>
<i>Sponsor:</i> Companion HealthCare	
* <i>GA: Health Directions-Lexington Medical Center - (11540-LP13)</i>	<b>\$13,869</b>
<i>Sponsor:</i> Health Directions-Lexington Medical Center	
* <i>GA: Lexington County Recreation &amp; Aging Commission - (11540-HP10)</i>	<b>\$3,618</b>
<i>Sponsor:</i> Lexington County Recreation & Aging Commission	
* <i>GA: Lexington Medical Center - (11540-LP14)</i>	<b>\$7,500</b>
<i>Sponsor:</i> Lexington Medical Center	
* <i>GA: New Morning Foundation - (11540-KP16)</i>	<b>\$1,005</b>
<i>Sponsor:</i> New Morning Foundation	
* <i>GA: Richland County School District One - (11540-HP09)</i>	<b>\$3,015</b>
<i>Sponsor:</i> Richland County School District One	
* <i>GA: SC Campaign to Prevent Teen Pregnancy - (11540-KP15)</i>	<b>\$1,809</b>
<i>Sponsor:</i> SC Campaign to Prevent Teen Pregnancy	
* <i>GA: SC Campaign to Prevent Teen Pregnancy - (11540-KP17)</i>	<b>\$6,130</b>
<i>Sponsor:</i> SC Campaign to Prevent Teen Pregnancy	

*Health Promotion, Education & Behavior*

* <i>GA: SC Department of Health &amp; Environmental Control - (11540-GP07)</i> <i>Sponsor:</i> SC Department of Health & Environmental Control	<b>\$11,000</b>
* <i>GA: SC Department of Health &amp; Environmental Control - (11540-GP08)</i> <i>Sponsor:</i> SC Department of Health & Environmental Control	<b>\$11,000</b>
* <i>GA: SCDHEC - (11540-GP06)</i> <i>Sponsor:</i> SC Department of Health & Environmental Control	<b>\$38,500</b>
* <i>GA: Sexual Trauma Services of the Midlands - (11540-KP18)</i> <i>Sponsor:</i> Sexual Trauma Services of the Midlands	<b>\$8,000</b>
* <i>Institute for HIV Prevention Leadership - (11540-FJ05)</i> <i>Sponsor:</i> USCRF/Association of Schools of Public Health/CDC	<b>\$475,263</b>
* <i>Institute for HIV Prevention Leadership - (11540-FJ10)</i> <i>Sponsor:</i> USCRF/Association of Schools of Public Health/CDC	<b>\$1,646,439</b>
* <i>SC Homeland Security Assessment &amp; Strategy Development - (11540-FJ08)</i> <i>Sponsor:</i> MPRI, Inc/SLED/Homeland Security <i>Co-PI: Richter, Jane</i>	<b>\$33,626</b>
* <i>SC Public Health Consortium - (11540-FJ13)</i> <i>Sponsor:</i> USCRF/Association of Schools of Public Health/CDC	<b>\$100,000</b>
* <i>Technical Assistance Evaluation of Knight Foundation After School Programs - (11540-KL01)</i> <i>Sponsor:</i> USCRF/The Knight Foundation	<b>\$70,000</b>
<b>Saunders, Ruth</b>	
* <i>Duke Endowment Wellness Initiative - (11540-KA03)</i> <i>Sponsor:</i> USCRF/The Duke Endowment	<b>\$328,629</b>
<b>Teas, H. Jane</b>	
* <i>Dietary Algae as a Modulator of Breast Cancer Matastases: An Exploratory Grant to Document Proof of Principle - (11540-FA23)</i> <i>Sponsor:</i> Medical University of South Carolina/Geo-Centers/DOD	<b>\$41,259</b>
<b>Umstaddt, Renee</b>	
* <i>Mediating Effects of Self Regulation on Older Adult's PA - (11540-KA04)</i> <i>Sponsor:</i> USCRF/American College of Sports Medicine Foundation	<b>\$5,000</b>
<b>Usdan, Stuart</b>	
* <i>College of Impaired Driving Program - (11540-FA22)</i> <i>Sponsor:</i> USCRF/University of Alabama/NIH	<b>\$42,072</b>

*Health Promotion, Education & Behavior*

\* *Enhancing Alcohol Assessment with Wireless Handheld Computers - (11540-FA21)* **\$23,808**  
**Sponsor:** USCRF/Emory University/NIAAA/NIH

\* *Evaluation of the Recovering Professional Program - (11540-FL05)* **\$25,716**  
**Sponsor:** SC Department of Alcohol & Other Drug Abuse Services/SAMHSA/HHS

**Watkins, Kenneth**

\* *GA: Companion Healthcare - (11540-JP25)* **\$4,784**  
**Sponsor:** Companion Health Care

\* *GA: Richland County School District One - (11540-HP11)* **\$1,340**  
**Sponsor:** Richland County School District One

\* *GA: SC Campaign to Prevent Teen Pregnancy - (11540-KP19)* **\$9,950**  
**Sponsor:** SC Campaign to Prevent Teen Pregnancy

*Health Services & Policy Research, Center for*

**Haddock, K. Sue**

\* *Client-Centered Strategies for Patients with Diabetes in SC - (11580-KA03)* **\$100,535**  
**Sponsor:** USCRF/SC Hospital Association

**Murday, David**

\* *Effective Practices in Early Intervention Programs Related to Health -* **\$5,000**  
**Sponsor:** SC Department of Education

\* *Evaluation of SC Access Plus Pilot Program - (11580-FA06)* **\$74,978**  
**Sponsor:** SC Department of Health & Human Services

\* *Evaluation of the Medicaid Family Planning Waiver - (11580-FA04)* **\$52,298**  
**Sponsor:** SC Department of Health & Human Services/HHS

\* *Evaluation, Technical Assistance and Consultation to the Medically Complex Populations - (11580-FA05)* **\$242,329**  
**Sponsor:** SC Department of Health & Human Services/HHS

\* *Planning and Facilitation Assistance to DHEC - (11580-FL07)* **\$7,100**  
**Sponsor:** SC Department of Health and Environmental Control

\* *Planning and Facilitation Assistance to the DHEC Cancer Program -* **\$5,200**  
**Sponsor:** SC Department of Health & Environmental Control/CDC

*Health Services & Policy Research, Center for*

**Phillips, Evelyn**

- \* *Consultation/Research with Epilepsy Foundation of South Carolina -* **\$9,042**  
*Sponsor:* USCRF/Epilepsy Foundation/MUSC/CDC

**Williams, Theresa**

- \* *Evaluating a Patient Oriented Low-Literacy Educational Video for Adults with Diabetes - (11580-KA04)* **\$4,000**  
*Sponsor:* USCRF/AMA Foundation  
*Co-PI:* **Haddock, K. Sue**

**Woods, John**

- \* *Center for Health Services and Policy Research - (11580-LA01)* **\$35,796**  
*Sponsor:* Palmetto Health Alliance
- \* *Center for Health Services and Policy Research - Quality Management -* **\$100,000**  
*Sponsor:* Palmetto Health Alliance
- \* *Design of a Health Care Pay-for-Performance Program - (18130-KL00)* **\$50,000**  
*Sponsor:* USCRF/Fullerton Foundation
- \* *Revenue Account for 11580-LL00 (SC Pay-for-Performance) - (11580-LL01)* **\$5,900**  
*Sponsor:* USCRF/SC Pay for Performance
- \* *South Carolina Pay-for-Performance Forum - (11580-LL00)* **\$20,250**  
*Sponsor:* USCRF/SC Pay for Performance

*Health Services Policy & Management*

**Glover, Sandra**

- \* *African American Public Health Fellowship and Development Program to Address Health Disparities - (11500-KJ00)* **\$674,978**  
*Sponsor:* USCRF/W.K. Kellogg Foundation
- \* *Biomedical Research Infrastructure - Project 8 - (11550-FA06)* **\$55,854**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH
- \* *GA: Baromedical Research Foundation - (11550-KP07)* **\$4,182**  
*Sponsor:* Baromedical Research Foundation
- \* *GA: Lexington Medical Center - (11550-LP36)* **\$2,000**  
*Sponsor:* Lexington Medical Center

**Laditka, Sarah**

- \* *Baromedical Research Foundation - (11550-KP12)* **\$3,294**  
*Sponsor:* Baromedical Research Foundation

*Health Services Policy & Management*

- \* *GA: Dorn Research Institute - (11550-LP44)* **\$5,000**  
*Sponsor:* Dorn Research Institute
  
- \* *GA: Lexington Medical Center - (11550-LP40)* **\$2,000**  
*Sponsor:* Lexington Medical Center
  
- \* *GA: Lexington Medical Center - (11550-LP45)* **\$2,800**  
*Sponsor:* Lexington Medical Center
  
- \* *GA: Lexington Medical Center - (11550-LP46)* **\$3,950**  
*Sponsor:* Palmetto Health Richland
  
- \* *GA: Lexington Medical Center - (11550-LP48)* **\$1,500**  
*Sponsor:* Lexington Medical Center
  
- \* *GA: Palmetto Health - (11550-LP39)* **\$3,012**  
*Sponsor:* Palmetto Health Richland
  
- \* *GA: Palmetto Health - (11550-LP42)* **\$6,528**  
*Sponsor:* Palmetto Health Richland
  
- \* *GA: Palmetto Health Richland Memorial Hospital - (11550-LP49)* **\$4,000**  
*Sponsor:* Palmetto Health Richland
  
- \* *GA: Providence Hospital - Sisters of Charity - (11550-LP47)* **\$4,000**  
*Sponsor:* Providence Hospital
  
- \* *GA: SC Campaign to Prevent Pregnancy - (11550-KP13)* **\$1,170**  
*Sponsor:* SC Campaign to Prevent Pregnancy
  
- \* *GA: SC Campaign to Prevent Teen Pregnancy - (11550-KP11)* **\$1,998**  
*Sponsor:* SC Campaign to Prevent Teen Pregnancy
  
- \* *GA: Sisters of Charity Providence Hospitals - (11550-LP50)* **\$1,000**  
*Sponsor:* Sisters of Charity Providence Hospital

**McTigue, James**

- \* *GA(1): Palmetto Health - (11550-LP38)* **\$2,000**  
*Sponsor:* Palmetto Health Alliance
  
- \* *GA: Blue CrossBlue Shield of SC - (11550-JP23)* **\$2,500**  
*Sponsor:* Blue Cross Blue Shield of SC

### *Health Services Policy & Management*

- \* *GA: Carolina Care Plan, Inc. - (11550-KP08)* **\$4,000**  
*Sponsor:* Carolina Care Plan, Inc.
  
- \* *GA: Companion HealthCare - (11550-JP24)* **\$5,000**  
*Sponsor:* Companion HealthCare
  
- \* *GA: Palmetto Health Richland - (11550-LP43)* **\$3,000**  
*Sponsor:* Palmetto Health Richland
  
- \* *GA: SC Campaign to Prevent Teen Pregnancy - (11550-KP09)* **\$2,400**  
*Sponsor:* SC Campaign to Prevent Teen Pregnancy
  
- \* *GA: South Carolina Autism Society - (11550-KP14)* **\$2,000**  
*Sponsor:* SC Autism Society

### **Probst, Janice**

- \* *GA: Baromedical Research Foundation - (11550-KP10)* **\$4,182**  
*Sponsor:* Baromedical Research Foundation
  
- \* *GA: Lexington Medical Center - (11550-LP41)* **\$5,000**  
*Sponsor:* Lexington Medical Center
  
- \* *GA: Office of Rural Health - (11550-GP08)* **\$6,000**  
*Sponsor:* Office of Rural Health
  
- \* *GA: Palmetto Health - (11550-LP35)* **\$2,550**  
*Sponsor:* Palmetto Health Alliance
  
- \* *GA: Richland Care - (11550-LP37)* **\$3,000**  
*Sponsor:* Richland Care Palmetto Health
  
- \* *Rural African-American Research Center - (11550-FA00)* **\$746,680**  
*Sponsor:* Health Resources & Services Administration (HRSA)/HHS

### **Stoskopf, Carleen**

- \* *Evaluation of Community Access Program, Palmetto Richland - (11550-FA05)* **\$50,000**  
*Sponsor:* Palmetto Health Alliance/HRSA/HHS
  
- \* *GA: SCDHEC - (11550-GP07)* **\$10,062**  
*Sponsor:* SC Department of Health & Environmental Control

### **Xirasagar, Sudha**

- \* *GA: Michael E. Samuels - (11550-JP25)* **\$3,750**  
*Sponsor:* Michael E. Samuels

*Prevention Research Center*

**Hooker, Steven**

- \* *Department of Insurance Focus Group Review Project - (11570-FL05)* **\$12,800**  
*Sponsor:* Office of Research & Statistics/HRSA
- \* *Evaluation of Physical Education Reform Efforts - (11570-FA45)* **\$90,251**  
*Sponsor:* USCRF/Association of Schools of Public Health/CDC
- \* *Glenn Springs TRail Impact Assessment, Phase II - (11570-KA08)* **\$8,300**  
*Sponsor:* USCRF/Mary Black Foundation  
*Co-PI: Griffin, Sarah*
- \* *Health Promotion and Disease Prevention Research Centers - (11570-FA32)* **\$755,000**  
*Sponsor:* Centers for Disease Control (CDC)/HHS

**Sharpe, Patricia**

- \* *Community Based Participatory Prevention Research - (11570-FA42)* **\$424,674**  
*Sponsor:* USCRF/Centers for Disease Control (CDC)/HHS
- \* *Impact of HR-HPV Positivity on Women: Formative Research (Supplement) - (11570-FA44)* **\$164,944**  
*Sponsor:* USCRF/Association of Schools of Public Health/CDC
- \* *Impact of HR-HPV Positivity on Women: Formative Research - (11570-FA43)* **\$236,924**  
*Sponsor:* USCRF/Association of Schools of Public Health/CDC

*Public Health, Arnold School of - Dean*

**Pastides, H.**

- \* *African-American Faculty Development in Public Health Project - (11500-FA01)* **\$336,880**  
*Sponsor:* USCRF/Office of Public Health & Science/HHS
- \* *Columbia Area Public Health Professional Partnership - (11500-K200)* **\$73,431**  
*Sponsor:* Robert Wood Johnson Foundation

**Walker, Samuel**

- \* *Use of Integrated Remote Sensing and Field Techniques for Assessing and Managing the Distribution of Invasive Plants of Southeastern Estuaries -* **\$20,000**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC  
*Co-PI: Porter, Dwayne*

*Research & Nutrition & Health Disparities, Center for*

**Baxter, Suzanne**

- \* *Accuracy of Children's Dietary Recalls - (11590-FA03)* **\$235,783**  
*Sponsor:* National Heart, Lung and Blood Institute (NHLBI)/NIH

*Research & Nutrition & Health Disparities, Center for*

- \* *Children's Dietary Recalls: Methodology and Accuracy - (11590-FA01)* **\$619,955**  
*Sponsor:* USCRF/National Heart, Lung, & Blood Institute (NHLBI)/NIH
  
- \* *Memory Errors in Children's Dietary Recalls - (11590-FA00)* **\$145,500**  
*Sponsor:* USCRF/National Heart, Lung & Blood Institute (NHLBI)/NIH
  
- \* *Understanding the Errors in Children's Dietary Recalls - (11590-FA02)* **\$126,173**  
*Sponsor:* USCRF/US Department of Agriculture (USDA) - General

**Research & Health Sciences, Vice President**

*Research, Vice President for*

**Pastides, Harris**

- \* *CoEE NanoStructures (Webb) - (22000-GA10)* **\$1,200,000**  
*Sponsor:* SC Commission on Higher Education
  
- \* *CoEE Polymer NanoComposites - (22000-GA12)* **\$500,000**  
*Sponsor:* SC Commission on Higher Education
  
- \* *CoEE Tourism - (22000-GA11)* **\$2,000,000**  
*Sponsor:* SC Commission on Higher Education
  
- \* *Multidisciplinary Science Center - (22000-FL00)* **\$1,192,920**  
*Sponsor:* US Department of Education (USDE) - General

*Sponsored Awards Management*

**Boccanfuso, Anthony**

- \* *Automation of Institutional Human Subject Protection - (21000-FA00)* **\$76,000**  
*Sponsor:* National Center for Research Resources (NCRR)/NIH
  
- \* *Enhancing the State's Economy through University-Based, Economic Development Activities - (22000-GL00)* **\$25,000**  
*Sponsor:* SC Department of Commerce

**Hatcher, Patricia**

- \* *Center One at Fort Jackson - (21000-FA01)* **\$123,181**  
*Sponsor:* USCRF/Fort Jackson/US Army/DOD

## Science and Mathematics, College of

### Baruch Institute

#### Allen, Dennis

- \* *Coastal Ocean Macrozooplankton Distributions at Winyah Bay, SC: A Comparative Regional Study with CORMP UNC-W - (21600-FA56)* **\$30,000**  
*Sponsor:* USCRF/University of North Carolina-Wilmington/NOAA

#### Allen, Wendy

- \* *North Inlet - Winyah Bay NERR - (21600-FA65)* **\$555,000**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)

#### Beseres, Jennifer

- \* *Regulation of Macrobenthos by Juvenile White Shrimp, Litopenaeus setiferus, in Southeastern Salt Marshes - (21600-FA47)* **\$20,000**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC

#### Bushek, David

- \* *Aquatic Nuisance Species Task Force - Using the National Estuarine Research Reserve - (21600-FA30)* **\$10,000**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC

#### Fletcher, Madilyn

- \* *Carolina Coastal Ocean Observing and Predicting System(Caro-COOPS) - (21600-FA28)* **\$2,411,900**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC
- \* *LTREB: Long Term Studies of Salt Marsh Primary Production - (21600-FA53)* **\$120,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General
- \* *SEA-COOS Initial Implementation - (21600-FA35)* **\$838,000**  
*Sponsor:* USCRF/UNC-Chapel Hill/ONR

#### Kulkarni, Nitin

- \* *Relationship of Phytoplankton-Dimethylsulfoniopropionate (DMSP) to Community Structure in a Salt Marsh Tidal Creek - (21600-KA13)* **\$1,173**  
*Sponsor:* Slocum-Lunz Foundation

#### Lewitus, Alan

- \* *A Proposed Harmful Algal Bloom Initiative for South Carolina - (21600-FA39)* **\$156,435**  
*Sponsor:* SC Departmental Resources/NOAA
- \* *Expanding existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxins - (21600-FA59)* **\$124,632**  
*Sponsor:* SC Sea Grant Consortium/Dept. of Commerce

*Baruch Institute*

- \* *The Effectiveness of Vegetative Buffers in Reducing Nonpoint Source Pollution in Stormwater Detention Ponds - (21600-FA63)* **\$66,083**  
*Sponsor:* SC Sea Grant Consortium/NOAA/DOC
  
- \* *Urbanization and Southeastern Estuarine Systems (USES) - (21600-FA54)* **\$59,688**  
*Sponsor:* SC Sea Grant Consortium/NOAA

**Pollack, Jeffrey**

- \* *Stormwater Management in Context: An Interdisciplinary Approach to Watershed Protection - (21600-FL03)* **\$10,000**  
*Sponsor:* SC Department of Health & Environmental Control/NOAA

**Thomas, Beth**

- \* *North Inlet-Winyah Bay NERR Estuary Live - (21600-FL02)* **\$3,000**  
*Sponsor:* National Estuarine Research Reserve Association/NOAA

**White, David**

- \* *CICEET: Advanced Laser Fluorescence (ALF) Technology for Estuarine and Coastal Environmental Biomonitoring - (21600-FA60)* **\$10,000**  
*Sponsor:* USCRF/Hampton University/NOAA
  
- \* *Stormwater Monitoring - Supplement to USES - (21600-FA61)* **\$20,000**  
*Sponsor:* SC Department of Health & Environment Control/OCRM/NOAA

*Biological Sciences*

**Benner, Ronald**

- \* *Collaborative Research: Biogeochemical Cycling of Particulate and Dissolved Organic Matter in the Arctic Ocean Using Molecular Markers - (13010-FA27)* **\$131,647**  
*Sponsor:* USCRF/National Science Foundation
  
- \* *Evolution of Hydrogen-Based Microbial Communities in Deep Hydrothermal Aquifers - (13010-FA61)* **\$100,030**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General  
**Co-PI: Chapelle, Frank**

**Berger, Franklin**

- \* *Center for Colon Cancer Research - (13130-FA07)* **\$72,750**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH
  
- \* *Center for Colon Cancer Research - (13130-FA09)* **\$478,768**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH
  
- \* *Center for Colon Cancer Research/Administrative Core - (13130-FA00)* **\$932,061**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH

## Biological Sciences

* <i>COBRE: Physical Activity, Energy Balance, and Colon Cancer Risk -</i> <i>Sponsor:</i> USCRF/National Center for Research Resources (NCRR)/NIH	<b>\$154,835</b>
* <i>Genetics of the Hepatic Acute Phase Response - (13010-FA30)</i> <i>Sponsor:</i> USCRF/Health Research, Inc./NIH	<b>\$100,274</b>
* <i>Thymidylate Synthase and Fluorodeoxyuridine Resistance - (13010-FA39)</i> <i>Sponsor:</i> USCRF/National Cancer Institute(NCI)/NIH	<b>\$222,685</b>
<b>Berke, Sarah</b>	
* <i>Fitness Impacts of Decorating Behavior: A Model and Experimental Tests -</i> <i>(21600-KA12)</i> <i>Sponsor:</i> Slocum-Lunz Foundation	<b>\$1,200</b>
<b>Connolly, Erin</b>	
* <i>Functional Analysis of the Arabidopsis Nicotianamine Synthase - (13010-FA54)</i> <i>Sponsor:</i> USCRF/National Center for Research Resources (NCRR)/NIH <i>Co-PI: Krueger, Judy</i>	<b>\$23,294</b>
<b>Dean, John</b>	
* <i>Graduate Fellowship for Paola Calle Delgado - (21600-FA50)</i> <i>Sponsor:</i> SC Sea Grant/NOAA	<b>\$12,000</b>
<b>Dewey, Michael</b>	
* <i>A Genetic Stock Center for Peromyscus - (13010-FA28)</i> <i>Sponsor:</i> National Science Foundation (NSF) - General	<b>\$151,827</b>
* <i>Peromyscus Genome Project: Development of a Core Research Group -</i> <i>Sponsor:</i> USCRF/National Center for Research Resources (NCRR)/NIH	<b>\$46,000</b>
* <i>Peromyscus Laboratory Models for Biomedical Research - (13010-FA59)</i> <i>Sponsor:</i> USCRF/National Center for Research Resources (NCRR)/NIH	<b>\$180,004</b>
* <i>Peromyscus Models for Biomedical Research - (13010-FA70)</i> <i>Sponsor:</i> USCRF/National Center for Research Resources (NCRR)/NIH	<b>\$40,000</b>
<b>Ely, Bertin</b>	
* <i>Alfred P. Sloan Foundation Recruiting Support - (13010-KJ00)</i> <i>Sponsor:</i> Alfred P. Sloan Foundation	<b>\$4,000</b>
* <i>Molecular Genetics of Fish Populations - (13010-FA60)</i> <i>Sponsor:</i> SC Sea Grant Consortium/NOAA <i>Co-PI: Quattro, Joseph</i>	<b>\$202,946</b>
* <i>REU Site: Undergraduate Research in Integrative Evolutionary Biology -</i> <i>Sponsor:</i> National Science Foundation (NSF) - General	<b>\$13,250</b>

*Biological Sciences*

* <i>Science Laboratory - (13010-FL02)</i>	<b>\$263,548</b>
<i>Sponsor:</i> USCRF/National Center for Research Resources/NIH	
<b>Felder, Michael</b>	
* <i>Alcohol Metabolism Genes in Transgenic Mice - (13010-FA44)</i>	<b>\$313,816</b>
<i>Sponsor:</i> USCRF/National Institute on Alcohol Abuse and Alcoholism (NIAAA)/NIH	
<b>Feller, Robert</b>	
* <i>Control of Saltmarsh Cordgrass by Blue Crab Predation on Periwinkle Snails: An Immunological Gut Check - (21600-FA62)</i>	<b>\$36,000</b>
<i>Sponsor:</i> SC Sea Grant Consortium/NOAA	
<b>Helmuth, Brian</b>	
* <i>Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology - (13010-FA66)</i>	<b>\$262,662</b>
<i>Sponsor:</i> USCRF/National Aeronautics & Space Administration (NASA) - General	
* <i>Climate Change and Latitudinal Patterns of Body Temperature in Rocky Intertidal Invertebrates - (13010-FA57)</i>	<b>\$204,634</b>
<i>Sponsor:</i> USCRF/National Science Foundation (NSF) - General	
* <i>Expanding the Rising Tide Project: Changing How Researchers, Educators, and Students Work Together - (21600-FA66)</i>	<b>\$16,836</b>
<i>Sponsor:</i> SC Sea Grant Consortium/NOAA	
<b>Hughes, Austin</b>	
* <i>Evolution of Immune Recognition and Evasion - (13010-FA52)</i>	<b>\$158,088</b>
<i>Sponsor:</i> USCRF/National Institute of General Medical Sciences (NIGMS)/NIH	
* <i>Gene Duplication and Genome Evolution - (13010-FA38)</i>	<b>\$240,075</b>
<i>Sponsor:</i> USCRF/National Institute of General Medical Sciences (NIGMS)/NIH	
<b>Marton, Laszlo</b>	
* <i>Consumption of Haloorganic Pollutants by Spartina Alterniflora - (13010-FA69)</i>	<b>\$12,500</b>
<i>Sponsor:</i> SC Sea Grant Consortium/NOAA/DOC	
* <i>Plant Beds and Constructed Wetland for Phytoremediation of Storm Water Runoff - (13010-KA06)</i>	<b>\$10,000</b>
<i>Sponsor:</i> School of the Environment/USC Educational Foundation	
<b>Morris, James</b>	
* <i>Coastal Wetland Indicators - (21600-FA41)</i>	<b>\$240,725</b>
<i>Sponsor:</i> USCRF/University of North Carolina/EPA	

## *Biological Sciences*

\* *Distribution of Carbon Isotopes in Forest Ecosystems within the Chernobyl Exclusion Zone - (10060-KA04)* **\$8,864**

**Sponsor:** USCRF/US Civilian Research & Development Foundation

\* *LTER: Plum Island Sound Comparative Ecosystem Study - (21600-F107)* **\$69,530**

**Sponsor:** Marine Biological Laboratory/NSF

\* *Plum Island Ecosystems LTER - (21600-FA67)* **\$30,000**

**Sponsor:** Marine Biological Laboratory/NSF

## **Mousseau, Timothy**

\* *Collaborative Research: Reproductive Behavior and Immune Disease -* **\$6,000**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Control of Muscle Histolysis - (13010-GA02)* **\$35,060**

**Sponsor:** South Carolina Research Authority

\* *Estimation of Radioactive Contamination of Birds in theChornobyl Exclusion Zone - (10060-KA03)* **\$6,000**

**Sponsor:** USCRF/US Civilian Research & Development Foundatio

\* *Herpetofaunal Survey of the Yawkey Wildlife Center - (10060-KA02)* **\$17,500**

**Sponsor:** USCRF/Yawkey Foundation

\* *The Adaptive Significance of Phenotypic Plasticity and Reaction Norm Evolution in a Natural System - (13010-FA05)* **\$22,000**

**Sponsor:** National Science Foundation (NSF) - General

\* *The Development of Smart Radio Telemetry for Monitoring and Conservation of Terrestrial and Aquatic Animals - (13010-FL04)* **\$5,930**

**Sponsor:** USCRF/National Fish & Wildlife/DOI

\* *Yawkey Wildlife Center Herpetological Survey - (13010-FL03)* **\$6,105**

**Sponsor:** USCRF/National Fish & Wildlife/DOI

## **Pena, Maria Majorette**

\* *COBRE: Mouse Core Facility - (13130-FA05)* **\$205,062**

**Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH

## **Quattro, Joseph**

\* *A "Curated" DNA Database for Managed Marine Species - (21600-GA05)* **\$50,000**

**Sponsor:** SC Sea Grant Consortium

## *Biological Sciences*

- \* *Assessing Hybridization Among Native and Introduced Black Bass Species in the Upper Savannah River Reservoirs, S.C. - (21600-GA04)* **\$40,000**  
**Sponsor:** SC Department of Natural Resources
  
- \* *Population Genetic and Genomic Approaches to Assessing Coastal Environmental Health - (13010-FA64)* **\$43,069**  
**Sponsor:** Medical University of South Carolina/NOS/NOAA
  
- \* *Zoogeography of the Centrarchidae of the South Atlantic Slope - (13010-GA00)* **\$10,000**  
**Sponsor:** SC Department of Natural Resources
  
- Raguso, Robert**
- \* *Fragrance Complexity in Night-Blooming Flowers: Convergent Evolution or Character Displacement - (13010-KA07)* **\$24,000**  
**Sponsor:** National Geographic Society
  
- \* *Patterns and Consequences of Fragrance Variation in *Oenothera caespitosa* - (13010-FA56)* **\$524,376**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General
  
- \* *The Pre-Invention of Flowers by Splachnaceae Mosses - (13010-FA68)* **\$4,730**  
**Sponsor:** EPSCoR/SC Research Authority
  
- \* *The Pre-Invention of Flowers by Splachnaceae Mosses: Odor-Driven Shifts in Spore Dispersal by Flies - (13010-FA62)* **\$33,042**  
**Sponsor:** BRIN/EPSCoR/NIH
  
- Reichert, Marcel**
- \* *Aquatic Habitats Restoration Project - Phase II - (13010-GA01)* **\$24,013**  
**Sponsor:** SC Army National Guard
  
- \* *IOU Larval/Juvenile Fish Survey: Larval and Juvenile Fish of Bottomland Hardwood Floodplains in the Savannah River Site (SC) - (21600-FA19)* **\$74,000**  
**Sponsor:** USCRF/University of Georgia/DOE  
**Co-PI: Dean, John**
  
- Reisman, David**
- \* *Transcriptional Regulation of the p53 Tumor Suppressor - (13010-FA65)* **\$24,889**  
**Sponsor:** UCRF/National Center for Research Resources/NIH
  
- Sawyer, Roger**
- \* *Science and Mathematics Professional Development Program - (13000-FL02)* **\$185,000**  
**Sponsor:** SC Commission on Higher Education/USDE

*Biological Sciences*

- \* *Workshop to Establish a Middle School Science Teachers Summer Institute - (13000-FL01)* **\$12,000**  
*Sponsor:* SC Department of Education/USDE  
*Co-PI:* **Singer, Jonathan**
- Smith, Deanna**  
\* *COBRE: APC and Mitosis: A Role for Cytoplasmic Dynein - (13130-FA01)* **\$175,886**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH
- Stancyk, Stephen**  
\* *Benthic Ecosystem Characterization of the "Charleston Bump": An Integrated Approach to Exploring Invertebrate Diversity - (21600-FA52)* **\$26,359**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC
- Stratmann, Johannes**  
\* *Characterization of Systemin-Responsive MAP Kinase Cascades - (13010-FA58)* **\$228,719**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General
- \* *Regulation of the SR160/tBR11 Kinase Domain by Systemin, Brassinolide and Ultraviolet-B Radiation - (13010-FA71)* **\$15,000**  
*Sponsor:* National Science Foundation (NSF) - General
- Tufford, Daniel**  
\* *Integrating Climate Science and Water Management in North and South Carolina - (13010-FA63)* **\$28,888**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC
- \* *State-of-Knowledge Report for South Carolina Coastal Wetland Impoundments - (13010-FL05)* **\$31,142**  
*Sponsor:* SC Sea Grant Consortium/NOAA
- \* *Succession of Tidal Freshwater Wetlands on the Cooper River, SC: Ecological Functions and Management Alternatives - (13010-FA67)* **\$44,799**  
*Sponsor:* SC Sea Grant Consortium/NOAA
- Vance, Vicki**  
\* *Regulation of Post-Transcriptional Gene Silencing - (13010-FA09)* **\$209,525**  
*Sponsor:* National Institute of General Medical Sciences/NI  
*Co-PI:* **Bowman, Lewis**
- Vogt, Richard**  
\* *Expression of Olfactory SNMPs in Drosophila Melanogaster and Manduca Sexta - (13010-FA37)* **\$163,839**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General
- \* *Odor Receptors and Olfaction in Sea Turtles - (13010-FA43)* **\$97,500**  
*Sponsor:* USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC

## Biological Sciences

### Waldman, Alan

- \* *Effects of Gravity on DNA Transactions in Mammalian Cells - (13010-FA46)* **\$252,129**  
*Sponsor:* USCRF/National Aeronautics & Space Administration (NASA) - General
  
- \* *Recombination in Higher Eukaryotes - (13010-FA19)* **\$195,075**  
*Sponsor:* USCRF/National Institute of General Medical Sciences (NIGMS)/NIH

### Woodin, Sarah

- \* *Real-Time Measurements of Sediment Modification by Large Macrofauna - (13010-FA49)* **\$112,009**  
*Sponsor:* USCRF/Office of Naval Research/DOD

## Chemistry & Biochemistry

### Adams, Richard

- \* *Journal of Organometallic Chemistry - (13020-J401)* **\$5,000**  
*Sponsor:* Elsevier Science, Inc.
  
- \* *Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic Synergism and Interface Activity - (13020-F195)* **\$95,000**  
*Sponsor:* US Department of Energy (DOE) - General
  
- \* *Sulfides and Disulfides of Di- and Polymetallic Carbonyl Complexes: Precursors to Nano-Catalysts and Nano-Structured Materials - (13020-FA67)* **\$132,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### Angel, S. Michael

- \* *An Investigation of Enhanced Laser-Induced Spark Emission and Material Ablation Following Sequential Laser Pulse Excitation - (13020-FA49)* **\$330,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General
  
- \* *Collaborative Research: Combining Video Plankton Recorder Imaging with Laser Induced Breakdown Spectroscopy to Identify Plankton and Seston.. - (13020-FA62)* **\$30,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General
  
- \* *Collaborative Research: Oceanic Application of Laser Induced Breakdown Spectroscopy - (13020-FA61)* **\$75,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### Baynes, John

- \* *8th International Symposium on the Maillard Reaction - (13020-FL01)* **\$25,000**  
*Sponsor:* USCRF/National Institute on Aging (NIA)/HHS
  
- \* *Glycation of Protein in Diabetes - (13020-FA26)* **\$325,125**  
*Sponsor:* USCRF/National Institute of Diabetes, Digestive, & Kidney Disease (NIDDK)/NIH

## Chemistry & Biochemistry

\* *International Maillard Symposium - (13020-LL00)* **\$4,000**  
*Sponsor:* USCRF/Medical University of South Carolina

\* *SC Biomedical Research Infrastructure Network - (22050-FA02)* **\$225,468**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH

\* *SC Biomedical Research Infrastructure Network - (22050-FA03)* **\$517,578**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH

## Berg, Mark

\* *Condensed-Phase Dynamics by Ultrafast Nonlinear Spectroscopy - (13020-FA22)* **\$114,950**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *Ultrafast DNA Dynamics Using Novel Photophysical Probes - (13020-FA03)* **\$193,160**  
*Sponsor:* National Institute of General Medical Sciences/HHS

## Bryson, Thomas

\* *A.P. Sloan Foundation Recruiting Support for Chemistry and Biochemistry - (13020-KJ00)* **\$2,000**  
*Sponsor:* Alfred P. Sloan Foundation

## Chen, Donna

\* *CAREER: Exploring Particle Size Dependent Surface Chemistry on Supported Metal Nanoparticles - (22040-FA13)* **\$1,825**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *New Catalysts for the Destruction of Chemical Warfare Agents - (13020-FA00)* **\$35,000**  
*Sponsor:* US Army Robert Morris Acquisition Center/DOD

## Dawson, John

\* *Editing: Journal of Inorganic Biochemistry - (13020-J400)* **\$49,344**  
*Sponsor:* Elsevier Science, Inc.

\* *Mechanistic Studies into the Role of the Biotpterin Cofactor in Nitric Oxide Synthase - (13020-FA45)* **\$44,000**  
*Sponsor:* USCRF/Biomedical Research Infrastructure Network (BRIN)/NIH

\* *Minority Supplement: Spectroscopic and Mechanistic Studies of Heme Enzymes - (13020-FA54)* **\$43,380**  
*Sponsor:* National Institutes of Health (NIH) - General

\* *Spectroscopic and Mechanistic Studies of Heme Enzymes - (13020-F104)* **\$209,525**  
*Sponsor:* National Institute of General Medical Sciences (NIGMS)/NIH

## Chemistry & Biochemistry

### Dunlap, R. Bruce

\* *Biomedical Research Infrastructure Network BRIN Training & Mentoring Core - (22050-FA01)* **\$768**

**Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH

### Ferry, John

\* *Developing South Carolina's Ability to Write Center- Level Environmental Proposals: An Expert Seminar - (13020-GA06)* **\$10,000**

**Sponsor:** SC Research Authority/EPSCoR

\* *ECO HAB: Chemical Degradation Pathways for the Attenuation of Marine Biotoxins - (13020-FA51)* **\$404,403**

**Sponsor:** USCRF/Environmental Protection Agency (EPA) - General

### Kistler, W. Stephen

\* *Role of Specific Proteins in Spermatogenesis - (13020-FA55)* **\$282,353**

**Sponsor:** USCRF/National Institute of child Health & Human Development (NICHD)/NIH

**Co-PI:** Kistler, Malathi

### Lavigne, John

\* *Controlling Molecular Orientation: Directed Self-Assembly of Functionalized Oligomeric Thiophenes Using Small Molecules - (13020-KA08)* **\$35,000**

**Sponsor:** USCRF/Research Corporation

\* *Pathogen Sensing with Novel Polyaryleneethynyls - (13020-FA58)* **\$52,105**

**Sponsor:** USCRF/Georgia Institute of Technology/NIH

**Co-PI:** Baynes, John

### Lebioda, Lukasz

\* *Crystallization of APC4542 and Generation of Lysozyme Crystals With Variable Mosaicity - (13020-FA59)* **\$12,138**

**Sponsor:** USCRF/University of Virginia/NIH

\* *Regulatory Role of Aintegumenta in Organ Initiation and Growth - (13020-FA64)* **\$10,000**

**Sponsor:** USCRF/Department of Energy (DOE) - General

\* *Structure and Mechanism of C1pB from E. Coli (Fellowship Award) -* **\$28,489**

**Sponsor:** National Institute of General Medical Sciences

**Co-PI:** Bell, Brittnaire

### Morgan, Stephen

\* *Analysis of Fiber Dyes by Raman Spectroscopy - (13020-FA31)* **\$159,198**

**Sponsor:** USCRF/Federal Bureau of Investigation/DOJ

\* *Capillary Electrophoresis Analysis of Fiber Dyes - (13020-FA56)* **\$761,961**

**Sponsor:** USCRF/Federal Bureau of Investigation

## Chemistry & Biochemistry

### Murphy, Catherine

\* *REU Site: Undergraduate Research in Nanoscience - (22040-FA15)* **\$59,612**  
*Sponsor:* USCRF/National Science Foundation  
*Co-PI:* zur Loye, Hans-Conrad

\* *SGER: Cytotoxicity of Nanoparticles - (13020-FA50)* **\$92,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General  
*Co-PI:* Wyatt, Michael

### Myrick, Michael

\* *CNT Size Effects on Polymer Composite Properties - (13020-FA38)* **\$123,208**  
*Sponsor:* USCRF/National Aeronautics & Space Administration (NASA)  
*Co-PI:* Scrivens, Walter

\* *Creation of a Web-Based MOE Design Studio for NIR Spectroscopy - (13020-FA65)* **\$5,000**  
*Sponsor:* University of Tennessee/NSF

\* *Quantification of Infrared Reflection Absorption Spectroscopy (IRAS) Cross Sections of Micron-Sized Dielectric Particles on Metal Surfaces for Multivariate Optical Computing Applications - (13020-FA69)* **\$41,584**  
*Sponsor:* USCRF/US Army Robert Morris ACQ CTR/DOD

\* *Subcontract Proposal to Foster Miller Inc. for inclusion in "Innovative Lubricant Modeling Using Optical Computing - (13020-FA66)* **\$30,641**  
*Sponsor:* USCRF/Foster-Miller/ONR

### Rassolov, Vitaly

\* *Multidimensional Semiclassical Dynamics with Quantum Trajectories -* **\$35,000**  
*Sponsor:* USCRF/American Chemical Society

### Reger, Daniel

\* *BRIN Project 1 - (13020-FA53)* **\$231,320**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH

\* *EPSCoR Minority Graduate Research Assistant - (13020-GA05)* **\$7,532**  
*Sponsor:* SC Research Authority (SCRA)/EPSCoR

### Shaw, Timothy

\* *Development of a Pump Array for the Two Dimensional Mapping of Chemical Constituents in the Upper Water Column - (13020-FA52)* **\$91,862**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### Shimizu, Ken

\* *Conformationally Programmable Molecular Receptors - (13020-FA46)* **\$399,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *New Strategies for Improved Imprinted Polymers - (13020-FA05)* **\$225,781**  
*Sponsor:* National Institute of General Medical Science/NIH

## Chemistry & Biochemistry

### Shimizu, Linda

- \* *Self-Assembled Organic Nanotubes from Cyclic Ureas - (13020-FA48)* **\$213,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General  
*Co-PI:* Shimizu, Ken

### Sodetz, James

- \* *Purified Human Complement Proteins - (13020-JA05)* **\$7,500**  
*Sponsor:* USCRF/Advanced Research Technologies

- \* *Structural Analysis of the Membrane-Binding Domain of Human Complement Protein C8 - (13020-FA57)* **\$30,000**  
*Sponsor:* BRIN/EPSCoR/NIH

- \* *Structure/Function of Terminal Complement Proteins - (13020-FA39)* **\$272,128**  
*Sponsor:* USCRF/National Institutes of Health (NIH) - General

### Thorpe, Suzanne

- \* *Immune Mechanisms of Micro/Macrovascular Disease in Type 1 Diabetes - (13020-KA06)* **\$40,988**  
*Sponsor:* USCRF/MUSC/Juvenile Diabetes Foundation

### Wang, Qian

- \* *MURI: Bio-Directed Hierarchical Assembly of Multifunctional Materials - (13020-FA68)* **\$79,675**  
*Sponsor:* USCRF/University of Massachusetts/ARO

### Wuthier, Roy

- \* *Role of Matrix Vesicles in Calcification - (13020-FA35)* **\$60,000**  
*Sponsor:* USCRF/National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMS)/NIH

### zur Loye, Hans-Conrad

- \* *New Organic/Inorganic Hybrid Materials - (13020-FA47)* **\$170,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

- \* *Structural Investigations of Complex Oxides Using Synchrotron Radiation - (13020-FA60)* **\$149,978**  
*Sponsor:* USCRF/US Department of Energy (DOE) - General

- \* *Structural Investigations of Complex Oxides Using Synchrotron Radiation - State Match for 13020-FA60 - (13020-GA07)* **\$13,003**  
*Sponsor:* South Carolina Research Authority

- \* *Subcontract to the NSF Solid State Summer Program at Clemson University - (13020-FJ00)* **\$9,009**  
*Sponsor:* USCRF/Clemson University/NSF

## Chemistry & Biochemistry

\* *Synthesis of New Perovskite Related Oxides - (13020-FA16)* **\$105,753**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Systematic Investigation of Modified Amino Acid-Rare Earth Framework Materials: Potential MRI Imaging Agents - (13020-FA63)* **\$5,100**  
**Sponsor:** National Center for Research Resources (NCRR)/NIH

## Geological Sciences

### Benitez-Nelson, Claudia

\* *Collaborative Research: Influences of Cyclonic Eddy Activity on Planktonic Food Web Dynamics and Carbon Export in the Lee of Hawaii - (13040-FA57)* **\$246,652**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Future Applications of the 234Th in Aquatic Ecosystems - (13040-FA73)* **\$78,520**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General

### Cohen, Arthur

\* *Strategic Improvement Plan Educational Activity: Environmental Science Research/Training Activities in the Everglades of Florida - (13040-FJ01)* **\$8,526**  
**Sponsor:** SC Research Authority/SC EPSCoR Program/EPA

### Goni, Miguel

\* *Acoustic Measurements of Particulate Organic Carbon Concentrations in the Coastal Ocean - (13040-FA81)* **\$131,546**  
**Sponsor:** USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC

### Karabanov, Eugene

\* *Decadal to Centennial History of Lena River Discharge to the Arctic Ocean - (13040-FA38)* **\$228,764**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI: Williams, Douglas**

### Kellogg, James

\* *Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (13040-J400)* **\$26,000**  
**Sponsor:** Elsevier Science, Ltd.

\* *GEGEO-Technical and Scientific Cooperation Between the National University of Equatorial Guinea and the University of South Carolina - (13040-LA02)* **\$225,000**  
**Sponsor:** USCRF/ExxonMobil Equatorial Guinea, Inc.  
**Co-PI: Knapp, James**

\* *Technical and Scientific Cooperation between National University of Equatorial Guinea and University of South Carolina - (13040-JA01)* **\$196,559**  
**Sponsor:** USCRF/South Atlantic Natural Resource, LTD.

## Geological Sciences

### Knapp, Camelia

\* *Collaborative Research: Acquisition of a Dual, Complementary Ground Penetrating Radar System for Geoscience Research and Teaching in South Carolina -* **\$61,966**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *Spatial Distribution and Thickness of Gas Hydrate Deposits in the Gulf of Mexico from Vertical Line Array Data - (13040-FA56)* **\$24,429**  
*Sponsor:* USCRF/University of Mississippi/DOI

### Knapp, James

\* *Collaborative Research: Discrete vs. Continuous Continental Deformation and the Role of the Lower Crust in the Tien Shan - (13040-FA55)* **\$59,189**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### Kohn, Matthew

\* *Evolution of LREE+Th Distributions in Minerals During Prograde Metamorphism - (13040-FA63)* **\$88,108**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *Timing and Magnitude of Climate Change Across the Eocene-Oligocene Transition, Northern Great Plains, USA - (13040-FA80)* **\$76,950**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### Lakshmi, Venkataraman

\* *Aqua/AMSR-E Soil Moisture Algorithm and Product Improvements - (13040-FA84)* **\$38,300**  
*Sponsor:* USCRF/Jet Propulsion Laboratory/NASA

\* *Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology - (13040-FA69)* **\$112,146**  
*Sponsor:* USCRF/National Aeronautics & Space Administration (NASA) - General

\* *Development of Informatics Infrastructure for the Hydrologic Sciences -* **\$15,596**  
*Sponsor:* USCRF/University of Texas at Austin/NSF

\* *Extended Validation of AMSR-E Soil Moisture Products (AQUA-0084-0032) - (13040-FA17)* **\$25,790**  
*Sponsor:* NASA

\* *Field and Modeling Validation of Aircraft-based Satellite-based Soil Moisture Products - (13040-FA18)* **\$25,500**  
*Sponsor:* USCRF/US Department of Agriculture (USDA) - General

\* *Modeling the Influence of Plant Cover on Water and Energy Cycling at the Land-Atmosphere Interface: Constraints from Satellite and Ground Data -* **\$69,200**  
*Sponsor:* USCRF/National Aeronautics & Space Administration (NASA)

## Geological Sciences

- \* *Studies of Combined Passive and Active Soil Moisture Sensing - (13040-FA28)* **\$50,000**  
**Sponsor:** USCRF/National Aeronautics & Space Administration (NASA)
- Moore, Willard**  
\* *LUCES: Role of Groundwater in the Biogeochemical Cycles of Carbon, Nitrogen and Phosphorous in SC and GA Water - (13040-FA61)* **\$44,751**  
**Sponsor:** SC Sea Grant Consortium/NOAA
- Owens, Thomas**  
\* *IRIS Fissures Development Center - (13040-FA23)* **\$60,019**  
**Sponsor:** USCRF/IRIS/NSF
- \* *ITR: Collaborative Research: Enhancing Education through Seamless Access to Seismological Data - (13040-FA59)* **\$96,906**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General
- \* *Receiver Reference Models: A Prototype for Automated Production of EarthScope/USArray Data Products - (13040-FA70)* **\$74,559**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI: Crotwell, Henry**
- Prokopenko, Alexander**  
\* *Collaborative Research: Holocene Climatic Changes in the Mongolian Plateau - (13040-FA76)* **\$98,430**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General
- \* *Evolution of Atmospheric Circulation Patterns over Continental Interior Asia during the Past 1.4Ma from Millennial-Scale Carbonate-Based Proxy Records from Lake Hovsgol, Mongolia - (13040-FA79)* **\$291,355**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI: Williams, Douglas**
- Talwani, Pradeep**  
\* *Cooperative Central and Southeast US Integrated Seismic Network-USC - (13040-FA72)* **\$68,000**  
**Sponsor:** USCRF/US Geological Survey/DOI
- \* *Paleoseismological Studies in the Charleston, South Carolina Region -* **\$55,000**  
**Sponsor:** USCRF/US Geological Survey
- \* *South Carolina Seismic Monitoring Network - (13040-FA45)* **\$106,000**  
**Sponsor:** SC Universities Research and Education Foundation (SCUREF)/WSRC/DOE
- Thunell, Robert**  
\* *An Assessment of Global Organic Carbon Flux Along Continental Margins - (13040-FA22)* **\$51,376**  
**Sponsor:** USCRF/National Aeronautics & Space Administration (NASA)

## Geological Sciences

\* *Collaborative Research: The Cariaco Basin Oceanographic Time Series Program - (13040-FA58)* **\$31,500**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Collaborative Research: The Cariaco Basin Oceanographic TimeSeries Program - (13040-FA58)* **\$363,726**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

\* *Decadal to Century-Scale Climate Variability during the Holocene: Paired Mg/Ca and Oxygen Isotope Records from Cariaco and Santa Babara Basins - (13040-FA71)* **\$296,843**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

## Torres, Raymond

\* *Coastal Wetland Indicators - (13040-FA15)* **\$49,897**

**Sponsor:** USCRF/University of North Carolina/EPA

## Voulgaris, George

\* *CORMP 2003-2004: Particle Size Characterization of the Cape Fear Plume - (13040-FA60)* **\$39,295**

**Sponsor:** USCRF/UNC at Wilmington/NOAA

\* *Shelf Circulation, Wave Propagation & Sediment Transport in Long Bay, SC: Measurements & Modeling - (13040-FA64)* **\$96,651**

**Sponsor:** SCSGC/US Geological Survey/DOI

\* *Towards Quantifying Coastal Erosion in S.C.: Ship Time and Marine Operations - (13040-FA62)* **\$22,800**

**Sponsor:** SC Sea Grant Consortium/NOAA

\* *Towards Quantifying Coastal Erosion in SC: Offshore Shoals as Sediment Sinks and Controls for Shoreline Change - (13040-FA78)* **\$78,445**

**Sponsor:** SC Sea Grant Consortium/NOAA/DOC

## White, Scott

\* *Collaborative Research: Hydrothermal System Response to Magma Supply and Crustal Thickness Gradients Along the Galapagos Spreading Center, 89.5-94W - (13040-FA77)* **\$77,583**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

## Williams, Douglas

\* *The Artic and Global Change: Informal Science Education Opportunities - (12010-FA01)* **\$72,513**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

## Geological Sciences

### Wilson, Alicia

\* *Center for Water Research and Policy - (13040-FA40)* **\$58,850**  
*Sponsor:* USCRF/US Department of Energy (DOE) - General

\* *Understanding Long-Term Solute Transport in Sedimentary Basins: Simulation Brine Migration in the Alberta Basin, Canada - (13040-FA74)* **\$49,891**  
*Sponsor:* USCRF/US Department of Energy (DOE) - General

### Yogodzinski, Gene

\* *Collaborative Research: Geochemistry of Ultramafic Xenoliths From the Mantle Wedge of the Kamchatka Arc - (13040-FA53)* **\$56,448**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *Primitive Plutonism in an Island Arc - (13040-FA75)* **\$31,172**  
*Sponsor:* USCRF/National Undersea Research Program/NOAA

## Marine Science

### Kjerfve, Bjorn

\* *Oceanic Simulation Modeling along the Meso-American Barrier Reef in the Western Caribbean and for the Entire Caribbean Sea to Explore Reef Connectivity -* **\$15,000**  
*Sponsor:* USCRF/The Nature Conservancy/USAID

\* *Oceanic Simulation Modeling along the Meso-American Barrier Reef in the West Caribbean and for the Entire Caribbean Sea to Explore Reef Connectivity -* **\$35,000**  
*Sponsor:* USCRF/Summit Foundation

## Mathematics

### Brenner, Susanne

\* *Theory and Applications of Multigrid - (13060-FA14)* **\$112,578**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

### DeVore, Ronald

\* *Analysis and Numerical Algorithms for Data Processing and Fast Solution of PDEs - (13060-FA07)* **\$158,001**  
*Sponsor:* USCRF/Office of Naval Research/DOD

\* *Collaborative Research: Compression of Geometry Datasets - (13060-FA02)* **\$75,000**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

\* *Mathematical Analysis for Data and Image Processing - (13060-FA03)* **\$70,000**  
*Sponsor:* USCRF/Army Research Office/DOD

## Mathematics

\* *Mathematical Analysis for Date and Image Processing in an Integrated Computational Environment - (13060-FQ01)* **\$71,235**

**Sponsor:** USCRF/Department of the Army/DOD

\* *Multiresolution Methods for Vision-Based Guidance, Navigation and Control - (13060-FA15)* **\$224,999**

**Sponsor:** University of Florida/USAF/DOD

**Co-PI:** Sharpley, Robert

\* *State Match (Year Two Funding) for 13060-FA08 - (13060-GA03)* **\$49,215**

**Sponsor:** SC EPSCoR Program

## Griggs, Jerrold

\* *Combinatorics with Applications - (13060-FA13)* **\$184,713**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

**Co-PI:** Szekely, Laszlo

## Oskolkov, Konstantin

\* *Harmonic, Number-Theoretic, and PDE Analysis of Talbot's Phenomenon - (13060-FA16)* **\$88,621**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

## Temlyakov, Vladimir

\* *Greedy Approximation - (13060-FA06)* **\$35,501**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

## Trifonov, Ognian

\* *Lattice Points, the Gauss Circle, the Riemann Zeta-Function - (13060-FA10)* **\$49,076**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

## Physics & Astronomy

### Aharonov, Yakir

\* *Quantum Coherence - (13070-FA16)* **\$27,099**

**Sponsor:** USCRF/National Science Foundation (NSF) - General

**Co-PI:** Anandan, Jeeva; Mazur, Pawel

### Avignone, Frank

\* *Next Generation Neutrinoless Double Beta Decay Experiments* **\$218,118**

*CUROE/CUORICINO (130Te) and Majorana (76Ge) - (13070-FA15)*

**Sponsor:** USCRF/National Science Foundation (NSF) - General

### Blanpied, Gary

\* *Pilot Course for Physical Science Companion - (13070-GJ00)* **\$25,816**

**Sponsor:** SC Department of Education

\* *Simulation of the Use of Cosmic Rays for Radiography - (13070-FA33)* **\$40,000**

**Sponsor:** USCRF/Los Alamos National Lab/DOE

*Physics & Astronomy*

**Crawley, Gerard**

\* *Graduate Assistance in Areas of National Need Fellowship Program: Recruiting Talented Students from Underrepresented Groups (Physics) - (13000-FJ00)* **\$131,184**

*Sponsor:* US Department of Education (USDE) - General

\* *Recruiting Talented Minority Students into Physics and Astronomy - (13000-FJ01)* **\$196,776**

*Sponsor:* USCRF/US Department of Education (USDE) - General

**Djalali, Chaden**

\* *Implementation of the Polarized HD Target at the Thomas Jefferson National Accelerator Facility - (13070-FA12)* **\$150,449**

*Sponsor:* USCRF/US Department of Energy (DOE) - General

\* *Jefferson Lab SURA Fellowship: Photoproduction of Vector Mesons Off Nuclei - (13070-FA28)* **\$13,200**

*Sponsor:* SURA/Jefferson Laboratory/DOE

\* *SURA - Jefferson Lab Fellowship - (13070-KA01)* **\$10,000**

*Sponsor:* Southeastern Universities Research Association, In

**Gudkov, Vladimir**

\* *Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL - (13070-FA35)* **\$290,000**

*Sponsor:* USCRF/Department of Energy (DOE) - General

\* *Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL - (13070-GA06)* **\$11,130**

*Sponsor:* SC Research Authority (SCRA)

\* *Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL - (13070-GA08)* **\$12,374**

*Sponsor:* SC EPSCoR Program

**Johnson, Joseph**

\* *Automation of Institutional Human Subject Protection Program - (13070-FA23)* **\$24,000**

*Sponsor:* National Center for Research Resources (NCRR)/NIH

\* *Continued Enhancement and Deployment of IVIS - (13070-FA40)* **\$79,201**

*Sponsor:* SC Department of Public Safety/DOJ

\* *Custom Application Development for Charleston County School District - (13070-HA00)* **\$19,600**

*Sponsor:* Charleston County School District

*Physics & Astronomy*

* <i>Image and Database System Development and Management Contract -</i> <i>Sponsor:</i> SC Ethics Commission	<b>\$2,500</b>
* <i>Maintenance, Upgrades, and Fixes for Geologic Computer Systems - (13070-JA00)</i> <i>Sponsor:</i> USCRF/Tramontane, Inc.	<b>\$11,320</b>
* <i>New Metrics for Characterizing and Predicting Network Behavior - (13070-FA44)</i> <i>Sponsor:</i> USCRF/Air Force Research Laboratory/DOD	<b>\$1,931,966</b>
* <i>Support Contract for the IRIS System - (13070-GA07)</i> <i>Sponsor:</i> SC Emergency Management Division	<b>\$2,400</b>
* <i>Support for Critical Infrastructure Protection Center (CIPC) - (13070-FA41)</i> <i>Sponsor:</i> USCRF/Space and Naval Warfare Systems Center	<b>\$99,850</b>
* <i>Support of the Fire Fighter Mobilization System - (13070-GA09)</i> <i>Sponsor:</i> SC Department of Labor, Licensing & Regulation	<b>\$3,600</b>
* <i>VPN/GIS Enhancements to Unocal BioStrat Portal - (13070-JA01)</i> <i>Sponsor:</i> USCRF/Tramontane, Inc.	<b>\$70,000</b>
<b>Kulkarni, Varsha</b>	
* <i>Zinc Abundances in Damped Ly-alpha Systems at <math>z &lt; 0.5</math>: A Missing Link in the Chemical History of Galaxies - (13070-FA29)</i> <i>Sponsor:</i> USCRF/Space Telescope Science Institute/NASA	<b>\$51,418</b>
<b>Kunchur, Milind</b>	
* <i>Transport Behavior of Superconductors at High Dissipative Currents -</i> <i>Sponsor:</i> US Department of Energy (DOE) - General	<b>\$86,162</b>
<b>Lacey, Christina</b>	
* <i>An X-ray Search for Extragalactic Supernova Remnants in the Nearby Sculptor Group Galaxies NGC 300 and NGC 7793 - (13070-FA37)</i> <i>Sponsor:</i> USCRF/Smithsonian Astrophysical Observatory/NASA	<b>\$9,842</b>
* <i>Prompt Chandra Observations of Nearby Supernovae - (13070-FA36)</i> <i>Sponsor:</i> USCRF/Smithsonian Astrophysical Observatory/NASA	<b>\$3,999</b>
<b>Mishra, Sanjib</b>	
* <i>Guest Scientist - (13070-FA34)</i> <i>Sponsor:</i> USCRF/FermiLab/DOE	<b>\$20,000</b>

*Physics & Astronomy*

**Myhrer, Fred**

\* *Theoretical Studies of Hadronic and Nuclear Dynamics - (13070-FA20)* **\$270,000**

*Sponsor:* USCRF/National Science Foundation (NSF) - General

*Co-PI:* **Kubodera, Kuniharu**

**Preedom, Barry**

\* *Data Analysis for the SASY Spectrometer - (13070-FA38)* **\$11,910**

*Sponsor:* USCRF/Brookhaven National Lab/DOE

\* *Study of the Nucleon Using Polarized Photon Beams and Polarized Targets - (13070-FA31)* **\$200,000**

*Sponsor:* USCRF/National Science Foundation (NSF) - General

**Purohit, Milind**

\* *Experimental Particle Physics - (13070-F117)* **\$565,000**

*Sponsor:* US Department of Energy (DOE) - General

*Co-PI:* **Rosenfeld, Carl**

**Rosenfeld, Carl**

\* *2003 Support for Carolina QuarkNet Lead Teachers - (13070-FL01)* **\$3,085**

*Sponsor:* USCRF/FERMILAB/DOE

\* *2004 Support for Carolina QuarkNet Institute - (13070-FL02)* **\$8,050**

*Sponsor:* USCRF/Fermilab/DOE

\* *Sale of TOF Modules to Lawrence Livermore National Laboratory - (13070-FA42)* **\$184,694**

*Sponsor:* USCRF/Lawrence Livermore Laboratory/DOE

**Tedeschi, David**

\* *Study of Nuclear Physics with Intermediate Energy Probes - (13070-FA32)* **\$240,000**

*Sponsor:* USCRF/National Science Foundation (NSF) - General

*Co-PI:* **Djalali, Chaden; Gothe, Ralf**

**Webb, Richard**

\* *Fundamental Experimental Properties of Mesoscopic Systems - (13070-FA43)* **\$128,474**

*Sponsor:* USCRF/National Science Foundation (NSF) - General

*Science Education, Center for*

**Astwood, Phillip**

\* *SC Junior Sciences and Humanities Symposium - (13090-FA04)* **\$12,400**

*Sponsor:* USCRF/Academy of Applied Science/US Army Research/DOD

**Jordan, Donald**

\* *SC Academy of Science - (13000-GL00)* **\$100,000**

*Sponsor:* SC Academy of Science

## Statistics

### Edwards, Donald

- \* *Multiple Comparisons for Analysis of Mutant Spectra - (13080-FA14)* **\$9,997**  
**Sponsor:** USCRF/SC BRIN/NCRR/NIH

### Grego, John

- \* *GA: Center One-Soldier Support Institute - (13080-FP06)* **\$1,946**  
**Sponsor:** Fort Jackson/US Army/DOD
- \* *Modeling the Impact of Reservoir Management on Important Ecosystem in the Santee River Basin - (13080-FA15)* **\$30,000**  
**Sponsor:** Clemson University/USGS/DOI
- \* *Seat Belt Use Survey Analysis - (13080-JA00)* **\$8,000**  
**Sponsor:** USCRF/Crantford and Associates
- \* *Statistical Analysis (Robert Bosch Corp) - (13080-JL00)* **\$1,026**  
**Sponsor:** USCRF/Robert Bosch Corporation
- \* *Statistical Support for Freshwater Fisheries Research Laboratories -* **\$3,600**  
**Sponsor:** SC Department of Natural Resources

### Lynch, James

- \* *Stochastic Models and Inference for the Reliability of Complex Systems -* **\$147,743**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General  
**Co-PI: Padgett, William J.**

### Pena, Edsel

- \* *COBRE: Biometry Core Facility - (13130-FA08)* **\$81,321**  
**Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH
- \* *GA: Arcadia Analytics - (13080-JP03)* **\$39,243**  
**Sponsor:** Arcadia Analytics
- \* *GA: SC Education Oversight Commission - (13080-GP02)* **\$23,488**  
**Sponsor:** SC Education Oversight Committee
- \* *New Statistical Models for Recurrent Event Data - (13080-FA13)* **\$253,954**  
**Sponsor:** USCRF/National Institute of General Medical Sciences (NIGMS)/NIH

### Piegorsch, Walter

- \* *Low-dose Risk Bounds via Simultaneous Confidence Bands - (13080-FA16)* **\$138,225**  
**Sponsor:** USCRF/SC Department of Health & Human Services/NIH  
**Co-PI: West, Webster**

## Senior and Regional Campuses

### USC Aiken

#### Allen, Gloria

\* *Higher Education Mathematics Partner (HEMP) - (17110-FL24)* **\$12,000**  
*Sponsor:* SC Department of Education/USDE

\* *Mathematics & Science Unit Coaching Initiative - (17110-GL18)* **\$27,400**  
*Sponsor:* SC Department of Education

\* *Mathematics and Science Unit Coaching Initiative - (17110-GL17)* **\$5,000**  
*Sponsor:* SC Department of Education

\* *Professional Development Institute (PDI) for Exemplary Use of Math and Science Instructional Materials - (17110-GL21)* **\$25,030**  
*Sponsor:* SC Department of Education

#### Cubbedge, Frankie

\* *DOE Public Documents Reading Room - (17110-F407)* **\$42,006**  
*Sponsor:* Savannah River Operations/DOE

#### DeLaughter, Jerry

\* *Public Building Solar Initiative - (17110-FQ00)* **\$25,000**  
*Sponsor:* SC Energy Office/SCB&CB/DOE

#### Dyer, Andrew

\* *The Ecology and Population Biology of Chufa, Cyperus Esculentussativus - (17110-KA02)* **\$31,423**  
*Sponsor:* National Wild Turkey Federation

#### Gregg, Paula

\* *Improving Middle School Math Teacher's Content Knowledge - (17110-FJ02)* **\$124,956**  
*Sponsor:* SC Commission on Higher Education/SC Dept. of Education/USDE

#### Hallman, Thomas

\* *Aiken Cardiac Enhancement Program - (17110-J408)* **\$33,464**  
*Sponsor:* Aiken Regional Medical Center

#### Hanlin, Hugh

\* *Response of Herpetofauna to Carolina Bay Restoration - (17110-FA15)* **\$36,108**  
*Sponsor:* USCRF/Forest Service-Savannah River/USDA

#### Johnson, Gwen

\* *GEARUP - State Portion - (17110-GL16)* **\$40,316**  
*Sponsor:* SC Commission on Higher Education

\* *GEARUP-Federal Portion - (17110-FL20)* **\$89,031**  
*Sponsor:* SC Commission on Higher Education/USDE

#### Mack, Stanley T.

\* *About Plays and Playwriting: A Jon Tuttle Residency at USCA - (17110-FL23)* **\$1,004**  
*Sponsor:* The Humanities Council/NEH

**Pirkle, William**

\* *SCUREF/DOE/SRS Joint Faculty Appointment for USC-Aiken - (17110-FA05)*

*Sponsor:* SC Universities Research & Education Foundation/WSRC/DOE

**\$14,700**

**USC Aiken**

- \* *Undergraduate Research Program: A Collaborative Effort between the SRS and USC Aiken - (17110-FA06)* **\$69,971**  
**Sponsor:** SC Universities Research & Education Foundation/DOE

**Priest, Jeffrey**

- \* *2004 Advanced Placement Teacher Institute - Follow-Up - (17110-GL20)* **\$4,506**  
**Sponsor:** SC Department of Education
- \* *2004 Advanced Placement Teacher Institutes - (17110-GL19)* **\$42,894**  
**Sponsor:** SC Department of Education
- \* *Aiken County Public School System/Science Center Affiliation - (17110-H403)* **\$50,000**  
**Sponsor:** Aiken County School System
- \* *Center of Excellence in Advancing Rural, Under-Performing Schools (CEARUPS) - (17110-GL15)* **\$150,732**  
**Sponsor:** SC Commission on Higher Education
- \* *Evaluation of the Savannah River Ecology Laboratory Environmental Education Program - (17110-KA04)* **\$20,000**  
**Sponsor:** USCRF/The Christensen Fund
- \* *NRSMEEP/Audubon Partnership - (17110-KL00)* **\$23,400**  
**Sponsor:** USCRF/Audubon Partnership
- \* *Under-represented Populations Learning in Nature's Kindergarten (UPLINK) - (17110-FL22)* **\$60,690**  
**Sponsor:** USCRF/Environmental Protection Agency - General
- \* *USC Aiken/USC Salkhatchie/Aiken Tech Partnership to Prepare Paraprofessionals for Education Careers (PEC) - (17110-FL25)* **\$74,417**  
**Sponsor:** SC Commission on Higher Education/SC Dept. of Education/USDE

**Smith, Garriet**

- \* *Collaborative Research: Origins and Spread of the Aspergillus-Gorgonian Coral Epizootic: Role of Climate and Environ Facilitators - (17110-FA14)* **\$162,073**  
**Sponsor:** USCRF/National Science Foundation (NSF) - General

**Volforte, Jennie**

- \* *USC Aiken Comprehensive Alcohol Program - (17110-FL21)* **\$8,000**  
**Sponsor:** SC Department of Alcohol & Other Drug Abuse Services/DOJ

**Weed, Keri**

- \* *Evaluation of Youth Violence Prevention Cooperative Agreement - (17110-FA12)* **\$5,000**  
**Sponsor:** The Mental Health Association of Aiken County/NIH

*USC Aiken*

- \* *Precursors of Retardation in Children with Teen Mothers - (17110-F166)* **\$41,000**  
*Sponsor:* University of Notre Dame/NICHHD/NIH

*USC Beaufort*

**Boggan, William**

- \* *USCB Alcohol Risk-Reduction Program - (17220-FL11)* **\$4,998**  
*Sponsor:* SC Department of Alcohol & Other Drug Abuse Services/DOJ

**Casey, Maryann**

- \* *Student Support Services - (17220-FL08)* **\$225,997**  
*Sponsor:* US Department of Education (USDE) - General

- \* *Student Support Services Program - Grant in Aid Award - (17220-FL09)* **\$32,593**  
*Sponsor:* US Department of Education (USDE) - General

**Gretlund, Jan Norby**

- \* *Reading Today's Southern Writers - (17220-FL10)* **\$5,536**  
*Sponsor:* The Humanities Council SC/NEH  
*Co-PI:* Meeks, Lila

**LaPoint, Sally**

- \* *Fathers and Children: Partners in Early Literacy - (17220-KL10)* **\$5,000**  
*Sponsor:* The Heritage Classic Foundation

**Lemoine, Joan**

- \* *Increasing Minority Retention for 1st Year Students at USC Beaufort -* **\$25,525**  
*Sponsor:* USCRF/Hilton Head Island Foundation

**Quick, Gail**

- \* *Jasper County Schools/USC Beaufort Partnership - (17220-HL03)* **\$100,000**  
*Sponsor:* Jasper County School District

**Warren, Alan**

- \* *Design Charette for New River Campus - (17220-FL07)* **\$15,000**  
*Sponsor:* SC Energy Office/DOE

*USC Lancaster*

**Bailey, Thelathia**

- \* *Student Support Services - (17550-FL07)* **\$217,207**  
*Sponsor:* US Department of Education

- \* *Student Support Services - Grant Aid - (17550-FL08)* **\$10,200**  
*Sponsor:* US Department of Education (USDE) - General

*USC Lancaster*

- \* *Upward Bound - (17550-FL06)* **\$234,624**  
*Sponsor:* USCRF/US Department of Education (USDE) - General

*USC Salkehatchie*

**Chavous, Warren**

- \* *Salkehatchie Summer Scholars 2004 Camp - (17660-KL12)* **\$26,000**  
*Sponsor:* USCRF/Gaylord & Dorothy Donnelley Foundation

**Ciez, Patrick**

- \* *Salkehatchie Region Outdoors - (17660-FL09)* **\$15,000**  
*Sponsor:* USCRF/US Forest Service/USDA

**Cox, Maxie**

- \* *Health Promotion and Risk Reduction in Special Populations-Sub of 11210-F100 - (11210-FA13)* **\$14,386**  
*Sponsor:* National Institute for Nursing Research (NINR)/NIH

**Refinetti, Roberto**

- \* *Homeostatic and Circadian Control of Energy Expenditure - (17660-FA01)* **\$182,984**  
*Sponsor:* USCRF/National Science Foundation (NSF) - General

**Rice, Anne**

- \* *Lowcountry Leadership - (17660-KL11)* **\$4,000**  
*Sponsor:* The Community Foundation, Inc.

**Thomas, Andrew**

- \* *Student Support Services - (17660-FL11)* **\$227,407**  
*Sponsor:* US Department of Education (USDE) - General
- \* *Student Support Services - Grant Aid - (17660-FL08)* **\$10,200**  
*Sponsor:* US Department of Education (USDE) - General
- \* *Student Support Services - Grant Aid - (17660-FL10)* **\$10,200**  
*Sponsor:* US Department of Education (USDE) - General
- \* *USC Salkehatchie's Student Support Services - (17660-FL07)* **\$227,407**  
*Sponsor:* US Department of Education (USDE) - General

**Williams, Patricia**

- \* *Character Education Professional Development Teacher's Academy -* **\$39,612**  
*Sponsor:* SC Department of Education

*USC Upstate*

**Beck, Judy**

\* *Integration of Geographic Information Systems (GIS) and Global Positioning System (GPS) Technologies into the Middle Grades - (17880-FJ07)* **\$66,659**

**Sponsor:** SC Commission on Higher Education/SC Dept. of Education/USDE

**Co-PI: Duarte, Valerie**

**Connelly, Robert**

\* *JM Smith Computer Lab - (17880-K325)* **\$12,000**

**Sponsor:** Carolina Piedmont Foundation

**Davenport, Brenda**

\* *National Writing Project 2004 - (17880-FL42)* **\$43,000**

**Sponsor:** National Writing Project Corp/USDE

**Ferrell, Jim**

\* *Palmetto Professorship - (17880-K128)* **\$5,000**

**Sponsor:** Carilina Piedmont Foundation

\* *St. Francis Learning Resource Center at UCG - (17880-KL05)* **\$94,979**

**Sponsor:** Carolina Piedmont Foundation

\* *UCG Nursing Program - (17880-KJ02)* **\$200,000**

**Sponsor:** Carolina Piedmont Foundation

\* *Upstate Nursing Consortium - (17880-KL03)* **\$200,000**

**Sponsor:** Carolina Piedmont Foundation

\* *Utley Nursing Education Endowment - (17880-K121)* **\$150**

**Sponsor:** Carolina Piedmont Foundation

**From, Heidi**

\* *Henderson Center Early Head Start Classrooms - (17880-FL39)* **\$125,871**

**Sponsor:** Spartanburg Housing Authority/HHS

\* *Henderson Center Early Head Start Classrooms - (17880-FL41)* **\$5,000**

**Sponsor:** Spartanburg Housing Authority/HHS

**Frye, Carolyn**

\* *Upward Bound - (17880-FL30)* **\$277,588**

**Sponsor:** USCRF/US Department of Education (USDE) - General

\* *Upward Bound - (17880-FL43)* **\$277,588**

**Sponsor:** USCRF/US Department of Education (USDE) - General

USC Upstate

**Gorske, Jim**

- \* *Postsecondary Education Consortium - SOTAC - (17880-FL29)* **\$7,000**  
*Sponsor:* Greenville Tech/USDE

**Harris, Carmen**

- \* *Ford Foundation Fellowship - (17880-KA02)* **\$34,000**  
*Sponsor:* Carolina Piedmont Foundation/Ford Foundation

**Jackson, Peggy**

- \* *Burroughs Early Head Start Classroom - (17880-FL36)* **\$84,331**  
*Sponsor:* Spartanburg County First Steps/HHS

- \* *Burroughs Early Head Start Classroom - (17880-FL40)* **\$5,000**  
*Sponsor:* Spartanburg County First Steps/HHS

- \* *Family Day Care Homes - (17880-FL37)* **\$5,000**  
*Sponsor:* SC Department of Health & Human Services/USDA

- \* *Family Daycare Homes - (17880-FL25)* **\$500**  
*Sponsor:* SC Department of Social Services/HHS

**Jarratt-Hortis, Frances**

- \* *Liquid Logic: Creating Healthy Norm through Environmental Strategics - (17880-FA07)* **\$10,381**  
*Sponsor:* Greenville County/DOJ

**Krueger, Judy**

- \* *Functional Analysis of the Arabidopsis Nicotianamine Synthase - (17880-FA06)* **\$13,420**  
*Sponsor:* USCRF/National Center for Research Resources (NCRR)/NIH

**Love, Charles**

- \* *Adventure of the American Minds - (17880-FJ06)* **\$267,850**  
*Sponsor:* Carolina Piedmont Foundation/Library of Congress

**Matthews, Lou**

- \* *Project CREATE - (17880-FJ08)* **\$94,328**  
*Sponsor:* SC Commission on Higher Education/USDE

- \* *Teacher Cadet Grant - (17880-G206)* **\$3,020**  
*Sponsor:* SC Center for Teacher Recruitment

**Minsky, Ina**

- \* *Student Support Services - (17880-FL31)* **\$227,406**  
*Sponsor:* US Department of Education (USDE) - General

*USC Upstate*

- \* *Student Support Services - Grant Aid - (17880-FL32)* **\$32,775**  
*Sponsor:* US Department of Education (USDE) - General

**Pae, Holly**

- \* *Gaining Early Awareness and Readiness for Undergraduate Programs -* **\$88,861**  
*Sponsor:* SC Commission on Higher Education/USDE
- \* *Gaining Early Awareness and Readiness for Undergraduate Programs -* **\$40,333**  
*Sponsor:* SC Commission on Higher Education/USDE

**Rogers, Suzanne**

- \* *Achieve Program (Union County Program) - (17880-FJ05)* **\$175,342**  
*Sponsor:* Spartanburg County/DOL
- \* *USCS Achieve Program - (17880-FJ04)* **\$263,000**  
*Sponsor:* Spartanburg County/DOL
- \* *USCS Achieve Program - (17880-FJ09)* **\$458,885**  
*Sponsor:* Spartanburg County/DOL

**Romine, Ronald**

- \* *American Humantics - (17880-KL04)* **\$1,900**  
*Sponsor:* Carolina Piedmont Foundation
- \* *Center for Non-Profit Leadership - (17880-KL02)* **\$4,500**  
*Sponsor:* Carolina Piedmont Foundation

**Stockwell, John**

- \* *South Carolina Quality Forum - (17880-JL00)* **\$113,935**  
*Sponsor:* Carolina Piedmont Foundation/Various Sponsors

**Turner, Jack**

- \* *Dynamic of Lake Blalock - (17880-HA00)* **\$7,850**  
*Sponsor:* Spartanburg Water System
- \* *Microbiobial Study - (17880-L101)* **\$5,960**  
*Sponsor:* Milliken & Company
- \* *Watershed Ecology Center Education Program - (17880-KL00)* **\$31,839**  
*Sponsor:* Carolina Piedmont Foundation

*USC Upstate*

**Ulmer, M. B.**

\* *The Upstate Contributes to Reforming a Nation: Reflections on Brown V. Board of Education after 50 Years - (17880-FL38)* **\$4,000**

**Sponsor:** The Humanities Council/NEH

**Young, Arlene**

\* *USCS - AmeriCorp (Member Support Cost) - (17880-FL33)* **\$37,320**

**Sponsor:** SC Commission on National & Community Service/AmeriCorp

\* *USCS AmeriCorp - Other Costs - (17880-FL34)* **\$68,881**

**Sponsor:** SC Department of Education/AmeriCorp

*USC Sumter*

**McLeod, Mac**

\* *Opportunity Scholars - (17440-FL03)* **\$227,407**

**Sponsor:** US Department of Education (USDE) - General

\* *Student Support Services - Grant-in-Aid - (17440-FL04)* **\$32,775**

**Sponsor:** US Department of Education (USDE) - General

*USC Union*

**Stokes, Tammy**

\* *Student Support Services - (17770-FL02)* **\$227,407**

**Sponsor:** US Department of Education (USDE) - General

\* *Student Support Services Program - (17770-FL03)* **\$227,407**

**Sponsor:** US Department of Education

**Social Work, College of**

*Families in Society, Institute for*

**Brown, Elsbeth**

\* *Clover School District Bright Beginnings Even Start Program - (10010-GL05)* **\$3,500**

**Sponsor:** Clover School District/SC Department of Education

\* *Office of the First Steps To School Readiness - (10010-GA03)* **\$2,500**

**Sponsor:** SC Department of Education

\* *Renewal of the Catawba Indian Nation Head Start Contract - (10010-FL10)* **\$52,646**

**Sponsor:** USCRF/Catawba Indian Nation/HHS

*Families in Society, Institute for*

**Flerx, Vicki**

\* *Bullying Prevention Program Dissemination - (10010-LL00)* **\$14,574**  
*Sponsor:* Clemson University

\* *Domestic Violence Service in Rural Health Care Clinics - (10010-FA20)* **\$299,820**  
*Sponsor:* USCRF/University of Texas/CDC

\* *Psychological Maltreatment of Women - (10010-FA21)* **\$43,318**  
*Sponsor:* USCRF/Centers for Disease Control (CDC)/HHS

**Floyd, Anita**

\* *Treatment for the Homeless Project - (10010-JL00)* **\$5,000**  
*Sponsor:* USCRF/Tidwell & Associates, Inc.

**Harris, Muriel**

\* *HIV Needs Assessment of Primary Population: A Secondary Analysis -* **\$21,020**  
*Sponsor:* SC Department of Health & Environmental Control/HH

\* *Knowledge of HIV Risk and Attitudes toward HIV Testing Among Low Income Young Adult African American Population - (10010-FA24)* **\$34,646**  
*Sponsor:* USCRF/Alliances for Quality Education, Inc./CDC

**Hess, Peg**

\* *Children's Rights Services - (15900-KL07)* **\$16,000**  
*Sponsor:* USCRF/Children's Rights

**Lopez-DeFede, Ana**

\* *Evaluation, Technical Assistance and Consultation to the Medically Complex Populations - (10010-FA18)* **\$1,461,191**  
*Sponsor:* SC Department of Health & Human Services/HHS

\* *Rural Expansion of Medically Fragile Children's Program: Technical Assistance Subcontract with CHCS Grant - (10010-FA23)* **\$118,950**  
*Sponsor:* SC Department of Health & Human Services/HHS

\* *Tuberculosis and African American Communities in South Carolina: Role of Knowledge, Values and Belief Systems - (10010-FA15)* **\$96,656**  
*Sponsor:* SC Department of Health & Environmental Control/HHS

**Luckey, Irene**

\* *Design, Implementation and Evaluation of Proactive Grantmaking - (10010-K120)* **\$277,060**  
*Sponsor:* USCRF/Sisters of Charity

*Families in Society, Institute for*

**Motes, Patricia**

\* *Disproportionate Minority Confinement - (10010-FA19)* **\$73,903**  
*Sponsor:* SC Department of Public Safety/DOJ

\* *Disproportionate Minority Confinement Project - (10010-FA22)* **\$98,478**  
*Sponsor:* SC Department of Public Safety/DOJ

**Musick, Kristi**

\* *Training in Early Childhood Solutions - (18140-FL22)* **\$498,689**  
*Sponsor:* SC Department of Health & Environmental Control/USDE

*Social Work, College of*

**Andrews, Arlene**

\* *Center for Family & Society - (10010-K400)* **\$50,000**  
*Sponsor:* Nord Family Endowment Fund

\* *Differential Disparity Trends in Southern Communities: Trends in Racial-Ethnic Disparities on Measures of Child and Family Well-Being in Selected Rural Communities, 1980-2000 - (10010-KA03)* **\$11,804**  
*Sponsor:* USCRF/Research Consortium on Children & Families

\* *Evaluation Support for the SC Federation of Families - (10010-GL07)* **\$2,963**  
*Sponsor:* Federation for Families of South Carolina

\* *Technical Assistance: Mental Health Services to Children, Adolescents and Their Families - System of Care Development - (10010-GL06)* **\$26,796**  
*Sponsor:* SC Department of Mental Health

**Bond, Pamela**

\* *Casey Family Programs Consultation - (15900-KL04)* **\$37,742**  
*Sponsor:* USCRF/Casey Family Program

\* *Creating Child Welfare Professionals - (15900-FJ09)* **\$74,999**  
*Sponsor:* Department of Health & Human Services (HHS) - General

\* *DHEC HABLA Language Assistance Program - (15900-GL04)* **\$120,156**  
*Sponsor:* SC Department of Health & Environmental Control

\* *Social Work Training for DSS Staff and Agents - (15900-FJ03)* **\$3,996,232**  
*Sponsor:* SC Department of Social Services/HHS

**Campbell, Wendy**

\* *USC High School Equivalency Program (HEP) - (15900-FJ07)* **\$400,000**  
*Sponsor:* US Department of Education (USDE) - General

*Social Work, College of*

**DeHart, Dana**

- \* *Collaborative Response to Crime Victims in Urban Areas - (15900-FL19)* **\$49,980**  
*Sponsor:* USCRF/Maryland Crime Victims Resource Center, Inc./DOJ
- \* *Ethics in Victim Services - (15900-FJ12)* **\$100,842**  
*Sponsor:* USCRF/Valor/DOJ
- \* *Victim Services Professional Development - (15900-F428)* **\$19,156**  
*Sponsor:* Office of Justice Programs/DOJ

**Flynn, Cynthia**

- \* *Evaluation of the SC Inter-Agency Deaf-Blind Project - (15900-FL17)* **\$27,053**  
*Sponsor:* SC School for the Deaf and Blind/USDE

**Ginsberg, Leon**

- \* *An Integrated Study of Driving Cessation in Older Men with Dementia -* **\$100,000**  
*Sponsor:* The Gerontological Society of America
- \* *Continuing Education in Psychosocial Effects of Bioterrorism and Other Public Health Emergencies for Social Workers - (15900-FJ10)* **\$20,000**  
*Sponsor:* Medical University of SC/SC AHEC/HHS
- \* *GA: AID Upstate - (15900-KP75)* **\$4,020**  
*Sponsor:* AID Upstate
- \* *GA: Asheville City Schools - (15900-LP28)* **\$4,020**  
*Sponsor:* Asheville City Schools
- \* *GA: Bouknight Management Services - (15900-JP22)* **\$1,512**  
*Sponsor:* Bouknight Management Services, LLC
- \* *GA: CareTeam, Inc. - (15900-KP76)* **\$4,020**  
*Sponsor:* CARETEAM, Inc.
- \* *GA: Carolinas Healthcare System - (15900-LP27)* **\$4,305**  
*Sponsor:* Carolinas Healthcare System
- \* *GA: Child Abuse Prevention Services, Inc. - (15900-LP32)* **\$4,032**  
*Sponsor:* Child Abuse Prevention Services, Inc.
- \* *GA: Children Unlimited - (15900-KP72)* **\$4,020**  
*Sponsor:* Children Unlimited, Inc.

*Social Work, College of*

* <i>GA: Family Service Center - (15900-KP83)</i> <i>Sponsor:</i> Family Service Center	<b>\$8,064</b>
* <i>GA: Florence Crittenton Services, Inc. - (15900-KP84)</i> <i>Sponsor:</i> Florence Crittenton Programs	<b>\$4,032</b>
* <i>GA: Florence Crittenton Services, Inc. - (15900-KP80)</i> <i>Sponsor:</i> Florence Crittenton Services, Inc.	<b>\$4,020</b>
* <i>GA: Gift of Life Trust Fund - (15900-KP82)</i> <i>Sponsor:</i> Gift of Life Trust Fund	<b>\$2,010</b>
* <i>GA: Gift of Life Trust Fund - (15900-LP36)</i> <i>Sponsor:</i> Gift of Life Trust Fund	<b>\$2,010</b>
* <i>GA: Horry County Schools - (15900-HP05)</i> <i>Sponsor:</i> Horry County Schools	<b>\$10,000</b>
* <i>GA: Kershaw Family Medicine Associates - (15900-LP35)</i> <i>Sponsor:</i> Kershaw Family Medicine Associates	<b>\$12,096</b>
* <i>GA: Kershaw Family Medicine Associates, LLC - (15900-LP26)</i> <i>Sponsor:</i> USCRF/Kershaw Family Medicine Associates, LLC	<b>\$16,000</b>
* <i>GA: Medical College of Georgia Health, Inc. - (15900-LP31)</i> <i>Sponsor:</i> Medical College of Georgia Health, Inc.	<b>\$3,000</b>
* <i>GA: New Foundations Children &amp; Families Services, Inc. - (15900-KP71)</i> <i>Sponsor:</i> New Foundations Children & Family Services, Inc.	<b>\$4,020</b>
* <i>GA: Research Associates - (15900-JP17)</i> <i>Sponsor:</i> Research Associates	<b>\$6,030</b>
* <i>GA: Research Associates - (15900-JP18)</i> <i>Sponsor:</i> Research Associates	<b>\$10,050</b>
* <i>GA: Research Associates - (15900-JP20)</i> <i>Sponsor:</i> Research Associates	<b>\$2,136</b>
* <i>GA: Research Associates - (15900-JP21)</i> <i>Sponsor:</i> Research Associates	<b>\$20,160</b>
* <i>GA: Richland School District Two - (15900-HP06)</i> <i>Sponsor:</i> Richland School District Two	<b>\$4,020</b>

*Social Work, College of*

* <i>GA: SC DHEC - (15900-GP16)</i> <i>Sponsor:</i> SC Department of Health & Environmental Control	<b>\$5,715</b>
* <i>GA: Senior Primary Care - (15900-KP81)</i> <i>Sponsor:</i> Senior Primary Care	<b>\$4,020</b>
* <i>GA: Senior Primary Care - (15900-LP30)</i> <i>Sponsor:</i> Senior Primary Care Practice at Palmetto Richland	<b>\$10,040</b>
* <i>GA: Senior Primary Care Practice - (15900-LP29)</i> <i>Sponsor:</i> Senior Care Primary Practice	<b>\$4,020</b>
* <i>GA: Special Olympics South Carolina - (15900-KP77)</i> <i>Sponsor:</i> Special Olympics South Carolina	<b>\$4,020</b>
* <i>GA: The Caring House - (15900-LP33)</i> <i>Sponsor:</i> The Caring House/Palmetto Health Richland	<b>\$3,009</b>
* <i>GA: The Caring House - (15900-LP34)</i> <i>Sponsor:</i> The Caring House/Palmetto Health Richland	<b>\$4,520</b>
* <i>GA: The Nurturing Center - (15900-KP79)</i> <i>Sponsor:</i> The Nurturing Center	<b>\$12,000</b>
* <i>GA: Trinity Housing Corporation - (15900-KP78)</i> <i>Sponsor:</i> Trinity Housing Corporation	<b>\$4,020</b>
* <i>GA: United Way of Greenville County - (15900-KP73)</i> <i>Sponsor:</i> United Way of Greenville	<b>\$4,020</b>
* <i>GA: Van Laningham &amp; Associates - (15900-JP19)</i> <i>Sponsor:</i> Van Laningham & Associates	<b>\$7,230</b>
* <i>GA: Yahweh Center Children's Village - (15900-KP74)</i> <i>Sponsor:</i> Yahweh Center Children's Village	<b>\$6,030</b>
* <i>Quality Assurance in Long-Term Care Services - (15900-GL07)</i> <i>Sponsor:</i> SC Department of Health & Human Services	<b>\$12,153</b>
* <i>Quality Assurance Services for the Bureau of Long Term Services - (15900-FL16)</i> <i>Sponsor:</i> SC Department of Health & Human Services/HHS	<b>\$244,271</b>
* <i>Research Associates - (15900-JP18)</i> <i>Sponsor:</i> Research Associates	<b>\$2,010</b>

<i>Social Work, College of</i>	
* <i>YouthNet - (15900-FL18)</i>	<b>\$111,329</b>
<i>Sponsor:</i> SC Department of Mental Health/SAMSHA/HHS	
<b>Paget, Kathleen</b>	
* <i>Character Education in South Carolina: Consultation, Technical Assistance and Evaluation Plan - (15900-GA06)</i>	<b>\$43,754</b>
<i>Sponsor:</i> SC Department of Education	
* <i>Evaluation of Lexington Partners for Prevention - (15900-GL06)</i>	<b>\$24,678</b>
<i>Sponsor:</i> SC Department of Mental Health/SCDPS	
* <i>Richland School District One Program Evaluation Services - (15900-FL15)</i>	<b>\$48,467</b>
<i>Sponsor:</i> Richland County School District One/USDE	
<b>Philp, Joel</b>	
* <i>Evaluation of Training Needs in SC's HIV Collaboratives - (15900-FJ08)</i>	<b>\$4,700</b>
<i>Sponsor:</i> Pee Dee Action Agency/DHEC/CDC	
* <i>Training HIV Prevention Staff in Evaluation - (15900-FJ11)</i>	<b>\$28,000</b>
<i>Sponsor:</i> SC Department of Health & Environmental Control/CDC	
<b>Tirrito, Terry</b>	
* <i>SC Consortium of Geriatric Education Centers Grant - (15900-FL09)</i>	<b>\$3,240</b>
<i>Sponsor:</i> Medical University of South Carolina/NIH	
<b>Wright, Lois</b>	
* <i>Elementary School Counseling Demonstration Program - (15900-FL03)</i>	<b>\$45,500</b>
<i>Sponsor:</i> Allendale County School District/USDE	

## **Student Affairs, Division of**

### *Student Health*

<b>Muellner, Juliette</b>	
* <i>Sexual Health and Violence Prevention Technological Equipment Grant -</i>	<b>\$9,000</b>
<i>Sponsor:</i> SC Department of Public Safety/DOJ	
<b>Murphy, Michelle</b>	
* <i>Meatless Monday Health Communications Scholars Grant - (71000-KL02)</i>	<b>\$5,000</b>
<i>Sponsor:</i> USCRF/Meatless Monday Campaign, Inc. Johns Hopkins University	
<b>Phaup, Tricia</b>	
* <i>Grant to Reduce Violent Crimes Against Women on Campus - (71000-FL04)</i>	<b>\$297,154</b>
<i>Sponsor:</i> USCRF/US Department of Justice	

*Student Life*

**Brewer, Jerry**

\* *Strom Thurmond Fitness and Wellness Center - (46300-FL19)* **\$3,586,127**  
*Sponsor:* US Department of Education (USDE) - General

\* *Strom Thurmond Fitness and Wellness Center - (46300-FL20)* **\$476,788**  
*Sponsor:* US Department of Education (USDE) - General

\* *Strom Thurmond Fitness and Wellness Center - (46300-FL21)* **\$35,977**  
*Sponsor:* US Department of Education (USDE) - General

\* *Strom Thurmond Fitness and Wellness Center - (46300-FL22)* **\$187,423**  
*Sponsor:* US Department of Education (USDE) - General

\* *Strom Thurmond Fitness and Wellness Center - (46300-FL23)* **\$251,735**  
*Sponsor:* US Department of Education (USDE) - General

\* *Strom Thurmond Fitness and Wellness Center - (46300-FL24)* **\$432,450**  
*Sponsor:* US Department of Education (USDE) - General

**Carr, Carmella**

\* *Reducing Underage Drinking at USC through Social Marketing Enforcement - (46300-FL18)* **\$20,000**  
*Sponsor:* Greenville County Commission on Alcohol & Drug Abuse/DOJ

**Talbott, Laura**

\* *Choices for Success: USC Athletes and Peer Educators Team-Upto Impact Alcohol Use Among First-Year Students - (46300-KA00)* **\$14,990**  
*Sponsor:* National Collegiate Athletic Association

**Grand Total** **\$149,257,112**