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)*
  - **Sponsor:** Berkeley County School District/NSF
  - **Amount:** $49,755

### Educational Psychology

**Brown, William**

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

**Drasgow, Erik**

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

**Huynh, Huynh**

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

**Johnson, Robert**

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

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

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

**Marshall, Kathleen**

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

**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 -*
  - **Sponsor:** US Department of Education (USDE) – General
  - **Co-PI:** Drasgow, Erik
  - **Amount:** $191,654

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

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

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

Clonts, Christy
* Exemplary Writing Awards Program - (15250-GL15)  
  **Sponsor:** SC Department of Education  
  **Funding:** $25,000

* South Carolina Reading Initiative K-5 Continuing Contract - (15250-GL14)  
  **Sponsor:** SC Department of Education  
  **Funding:** $10,000

* South Carolina Reading Initiative-Middle Grades (SCRI-MG) - (15250-GL13)  
  **Sponsor:** SC Department of Education  
  **Funding:** $10,000

* Writing Improvement Network - (15250-GL12)  
  **Sponsor:** SC General Assembly/EIA  
  **Funding:** $242,158

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

Ebert, Christine
* Proposal to Evaluate the Center for Ocean Science Education Excellence Central Coordinating Office - (15290-FL00)  
  **Sponsor:** USCRF/Consortium for Oceanographic Research/NSF  
  **Funding:** $23,048

* Proposal to Evaluate the Southeastern Regional Center for Ocean Science Education Excellence - (15290-FL02)  
  **Sponsor:** SC Sea Grant Consortium/NOAA  
  **Funding:** $33,400

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

Kuhs, Therese
* Partners for the Enhancement of Clinical Experiences - (15250-F440)  
  **Sponsor:** US Department of Education (USDE) - General  
  **Funding:** $534,314
Instruction & Teacher Education

Long, Susi
* SC READS - (15250-GL17)
  ** Sponsor: ** SC Department of Education  
  ** Sponsor: ** USCRF/University of Minnesota/NSF  
  ** Sponsor: ** US Department of Education (USDE) - General

Singer, Jonathan
* Middle School Science Curriculum Materials: Meeting Standards and Fostering Inquiry through Learning Technology - (15250-FA05)
  ** Sponsor: ** SC Commission on Higher Education/SC Dept. of Education/USDE

* Middle School/Higher Education Partnerships in Science Education -
  ** Sponsor: ** SC Department of Education

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

Stephens, Diane
* Reading First Course - (15250-GJ07)
  ** Sponsor: ** SC Department of Education

* Reading First Video Coordination - (15250-FL16)
  ** Sponsor: ** SC Department of Education/USDE

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

Styslinger, Mary
* National Writing Project - (15250-F421)
  ** Sponsor: ** National Writing Project/USDE

* SCRI - Middle Grades - (15250-GL16)
  ** Sponsor: ** SC Department of Education

Swick, Kevin
* USC Learn and Serve America CHESP - (15250-FJ06)
  ** 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)
  ** 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
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 NOx 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 Electro-catalysis - (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 AgV2O5 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

* Development of Novel Process for Plating Nanostructured Ternary Alloys and Composites for Replacement of Cadmium Coatings - (15510-FA48)  
  Sponsor: USCRF/Office of Naval Research/DOD  
  $59,759

* Investigations into the Performance of Various Corrosion Resistant Reinforcement Steel in Highway Bridges - (15510-FA42)  
  Sponsor: SC Department of Transportation/FHWA  
  $85,000

* Novel Non-Precious Metal Catalyst for PEMFC: Catalyst Selection Through Molecular Modeling and Durability Studies - (15510-FA44)  
  Sponsor: USCRF/US Department of Energy (DOE) - General  
  $325,000

Ritter, James

* Development of an Adsorption Process Simulator for Extraterrestrial Applications - (15510-FA51)  
  Sponsor: USCRF/National Aeronautics & Space Administration (NASA) - General  
  $20,000

* Heat Transfer and Modeling of Next Generation Metal Hydride Beds -  
  Sponsor: SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE  
  $32,378

* High Capacity Complexes for Hydrogen Storage - (15510-FA43)  
  Sponsor: SC Universities Research and Education Foundation/WSRC/DOE  
  $22,710  
  Co-PI: Williams, Christopher; Ebner, Armin

* Radically New Adsorption Cycles for Carbon Dioxide Sequestration -  
  Sponsor: USCRF/US Department of Energy (DOE) - General  
  $50,000

* Synthesis and Characterization of Nanostructured Materials for Hydrogen Storage - (15510-FA36)  
  Sponsor: SC Research Authority/SC EPSCoR & SC BRIN/NSF  
  $25,000

Van Brunt, Vincent

* Filtration Research Engineering Demonstration - (15510-FA45)  
  Sponsor: SC Universities Research & Education Foundation (SCUREF)/WSRC/DOE  
  $161,516

* Pilot Scale Rotary Microfilter Testing - (15510-FA39)  
  Sponsor: SC Universities Research and Education Foundation (SCUREF)/WSRC/DOE  
  $84,798

Van Zee, John

* Computer Simulation of New Flow Field(s) for PEMFCs - (15510-JA29)  
  Sponsor: USCRF/GE Global Research  
  $2,807

* I/UCRC Project 15B - (15510-JA16)  
  Sponsor: USCRF/Various Sponsors  
  $37,250
Chemical Engineering

* I/UCRC Project 1A - (15510-JA18)
  **Sponsor:** USCRF/Various Sponsors
  **Amount:** $32,250

* I/UCRC Project 1B - (15510-JA12)
  **Sponsor:** USCRF/Various Sponsors
  **Amount:** $30,250

* I/UCRC Project 23 - (15510-JA30)
  **Sponsor:** USCRF/Various Sponsors
  **Co-PI:** Amiridis, Michael
  **Amount:** $63,000

* I/UCRC Project 25 - (15510-JA31)
  **Sponsor:** USCRF/Various Sponsors
  **Co-PI:** Amiridis, Michael
  **Amount:** $63,000

* I/UCRC Project 26 - (15510-JA32)
  **Sponsor:** USCRF/Various Sponsors
  **Co-PI:** Amiridis, Michael
  **Amount:** $47,250

* I/UCRC Project 28 - (15510-JA33)
  **Sponsor:** USCRF/Various Sponsors
  **Co-PI:** Amiridis, Michael
  **Amount:** $63,000

* I/UCRC Project 7B - (15510-JA23)
  **Sponsor:** USCRF/Various Sponsors
  **Amount:** $27,250

* I/UCRC Project 8B - (15510-JA24)
  **Sponsor:** USCRF/Various Sponsors
  **Amount:** $27,250

* Performance and Corrosion Testing of 5-Cell PEMFC Stack - (15510-FA52)
  **Sponsor:** Tennessee Technological University/DOE
  **Amount:** $15,000

* Testing of Gas Diffusion Media Performance Using Mathematical Models -
  (15510-JA28)
  **Sponsor:** USCRF/W.L. Gore & Associates, Inc.
  **Amount:** $50,000

Weidner, John

* Development of an Electrochemical Model for Simulating the Performance
  Behavior of a Prismatic Li/SOC12 Cell - (15510-FA49)
  **Sponsor:** USCRF/Sandia National Laboratory/DOE
  **Amount:** $41,035

* REU Site: Materials Research in Chemical Engineering - (15510-FA50)
  **Sponsor:** USCRF/National Science Foundation (NSF) - General
  **Co-PI:** Van Zee, John
  **Amount:** $85,000

* REU Site: Novel Technologies for Pollution Prevention - (10060-FA00)
  **Sponsor:** National Science Foundation (NSF) - General
  **Amount:** $107,492

* Sponsored Research Effort for Finnchem USA, Inc. - (15510-JA37)
  **Sponsor:** USCRF/Finnchem USA, Inc.
  **Amount:** $23,908
Chemical Engineering
Williams, Christopher
* Analysis of Carbon Deposition on Metal Surfaces - (15510-JA27)  
  ** Sponsor: ** USCRF/Directed Technologies, Inc.  
  ** Amount: ** $30,000

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

Civil & Environmental Engineering
Anderson, Erik
* Center for Water Research & Policy - (15520-FA17)  
  ** Sponsor: ** USCRF/US Department of Energy (DOE) - General  
  ** Amount: ** $58,850

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

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

Chaudhry, M. Hanif
  ** Sponsor: ** National Academy of Sciences/FHWA  
  ** Amount: ** $100,000

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

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

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

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

* Workshop to Foster Academic Development of Women in Geotechnical Engineering - (15520-FA20)
  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General

$25,149

Harries, Kent

* CFRP Grid Splice Freeze Thaw Testing - (15520-KA04)
  
  **Sponsor:** USCRF/Carbon Cast Manufacturers Association
  
  **Co-PI:** Gassman, Sarah

$7,525

* Load Tests of CFRP Grid Reinforced Concrete Panels - (15520-JA08)
  
  **Sponsor:** USCRF/Clark Schwebel Tech-Fab Company

$4,627

* Strength Characteristics of Corrugated Steel Pipe Repaired with Epoxy Materials - (15520-JA07)
  
  **Sponsor:** USCRF/Warren Environmental Inc.

$3,274

Haselbach, Liv

* Detention Basin Inventory - (15520-HA00)
  
  **Sponsor:** Richland County Department of Public Works
  
  **Co-PI:** Meadows, Michael

$29,999

Imran, Jasim

* Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels - (15520-FA13)
  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General

$74,326

* Investigation of Bridger Abutment Scour - (15520-GA06)
  
  **Sponsor:** SC State University/SC DOT

$19,170

* Modeling the Impact of Extreme Events on Margin Sedimentation - (15520-FA23)
  
  **Sponsor:** Office of Naval Research (ONR)/DOD

$34,970

* Numerical Modeling of Turbidity Current in Sinuous Submarine Channels - (15520-JA06)
  
  **Sponsor:** USCRF/Shell International Exploration & Production

$4,000

Pierce, Charles

* A Rapid-Setting Controlled Low-Strength Material Routine and Emergency Rehabilitation of Transportation Facilities - (15520-GA04)
  
  **Sponsor:** SC State University Transportation Center

$22,963

* Permeability of Marine Limestone Aggregate - (15520-JA10)
  
  **Sponsor:** USCRF/Wake Stone Corporation

$1,650

Ray, Richard

* Cyclic Triaxial Testing - (15520-JA11)
  
  **Sponsor:** USCRF/Florence & Hutcheson, Inc.

$4,850
Civil & Environmental Engineering

Rizos, Dimitris
* Feasibility Study for the Renovation of the Old Bishopville High School - (15520-FH) $5,000
  
  **Sponsor:** Rural Crossroads Institute/SC Department of Commerce

* Investigations into the Performance of Corrosion Resistant Reinforcement - (15520-FA22) $72,487
  
  **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 Machines - (15590-FA08) $100,000
  
  **Sponsor:** USCRF/George Washington University/National Security Agency/DOD

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

Cameron, Kirk
* CAREER: High-Performance, Power-Aware, Distributed Computing - (15590-FA16) $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) Sponsor: 10xSoftware $16,400


* GA: SC Budget & Control Board - (15590-GP18) Sponsor: SC Budget & Control Board $16,346

* GA: State Budget & Control Board - (15590-GP14) Sponsor: State Budget & Control Board $14,798

* JIDOKA Project - (15590-FA22) Sponsor: USCRF/Oakland University/TACOM Co-PI: Vargas, J. G.; Khan, Jamil $640,045

* Virtual Soldier Project - (15590-FA20) Sponsor: USCRF/UT-Battelle, LLC/DOE $56,569

Matthews, Manton

* GA: Dr. Jerri Walker-Boone - (15590-JP34) Sponsor: Dr. Jeri Walker-Boone $1,800


* GA: SC Department of Education - (15590-GP13) Sponsor: SC Department of Education $874

* GA: SC Department of Education - (15590-GP16) Sponsor: SC Department of Education $1,500

* GA: SC Department of Health & Environmental Control - (15590-GP15) Sponsor: SC Department of Health & Environmental Control $10,084
* GA: South Carolina Department of Education - (15590-GP17) Sponsor: SC Department of Education $1,500


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 Grumman Ship Systems/ONR
  Co-PI: Monti, Antonello
Electrical Engineering

* Soldier System Power Sources - (15530-FA29)  
  **Sponsor:** USCRF/Office of Naval Research (ONR)/DOD  
  **Amount:** $181,455

* USC Participants in Electric Ship Research and Development Consortium - (15530-FA17)  
  **Sponsor:** USCRF/Florida State University/ONR/DOD  
  **Amount:** $1,886,000

Khan, Asif

* A1InGaN MOSDHFET Based RF Circuits - (15530-FA28)  
  **Sponsor:** USCRF/US Army & Missile Defense Command/DOD  
  **Amount:** $4,292,099

* Deep UV Emitters Based on Quaternary AllGaN Multiple Quantum Well Heterostructures - (15530-FA18)  
  **Sponsor:** USCRF/US Army/DOD  
  **Amount:** $750,000

Liu, Shengyi

* Effect of Electric Power Disturbances on Equipment Reliability and Maintenance Costs - (15530-FA31)  
  **Sponsor:** USCRF/Eagle Systems, Inc./NAVAIR/DOD  
  **Amount:** $42,746

Monti, Antonello

* Frequency-Agile Wide-Bandwidth Power Interface to Support Incremental virtual Prototyping - (15530-FA27)  
  **Sponsor:** USCRF/Office of Naval Research (ONR)/DOD  
  **Amount:** $83,423  
  **Co-PI:** Hudgins, Jerry; Dougal, Roger

Santi, Enrico

* CAREER: Modeling, Control and Stability Investigation of Multiple Power Converter Systems - (15530-FA33)  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General  
  **Amount:** $396,557

Seminario, Jorge

* Bimetallic and Trimetallic Nanoparticles for Fuel Cell Electro-catalysts -  
  **Sponsor:** USCRF/US Department of Energy (DOE) - General  
  **Amount:** $92,501

* Design of Programmable Molecules and Molecular Chips - (15530-FQ01)  
  **Sponsor:** USCRF/Department of the Army/DOD  
  **Amount:** $295,000

Simin, Grigory

* A1GaN-GaN Material Wafer Supply for RF/Microwave Device Development - (15530-FA20)  
  **Sponsor:** USCRF/TRW, Inc./DOD  
  **Amount:** $245,000

* WBGS Expitaxial Materials Development and Scaleup for rf/Micro-wave Millimeter Wave Devices - (15530-FA16)  
  **Sponsor:** USCRF/Defense Advanced Research Projects Agency (DARPA)/DOD  
  **Amount:** $350,000
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 - (15540-FA39) $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 - (15540-FA34)
  $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 Trends in Non-Traditional Areas? - (14010-KA01) $14,483
  
  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

Connolly, Kim Diana

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

Linnan, David

* Faculty in Residence University of Washington School of Law - (15800-LL07)
  
  Sponsor: University of Washington

* Law and Finance Institutional Partnership of University of South Carolina and Jakarta Stock Exchange - (15800-FA08)
  
  Sponsor: USCRF/Agency for International Development (AID)

Montgomery, John

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

Mood, Francis

* Agreement with American University School of Law - (15800-LL05)
  
  Sponsor: American University Washington College of Law

Morris, Carolyn

* Children's Justice Act - Operation of Children's Law Office - (15800-FL16)
  
  Sponsor: SC Department of Social Services/HHS

* Children's Justice Act - Task Force Support - (15800-FL17)
  
  Sponsor: SC Department of Social Services/HHS

* DSS Staff and Agents Training Center - (15800-FL15)
  
  Sponsor: SC Department of Social Services/HHS

* IOLTA - Services for Lawyers and Guardians ad Litem - (15800-KL12)
  
  Sponsor: USCRF/SC Bar Foundation

* Status Offender Audit - (15800-FL13)
  
  Sponsor: SC Department of Public Safety/DOJ

* Status Offender Project (Match for JAIBG Grant) - (15800-KL10)
  
  Sponsor: SC Department of Education

* Status Offender Project - (15800-FL18)
  
  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 - (21300-FA20) $300,000
  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)
   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)
   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)
   Sponsor: National Aeronautics & Space Administration (NASA) - General

* GA: SC Department of Health and Environmental Control - (13540-GP07)
   Sponsor: SC Department of Health & Environmental Control

* GA: SC National Guard Work Experience - (13540-FP01)
   Sponsor: SC National Guard/DOD

* GA: SC National Guard Work Experience - (13540-FP02)
   Sponsor: SC National Guard

* SC Education Oversight Committee Research Services Agreement - (13540-GP08)
   Sponsor: SC Education Oversight Committee

Cutter, Susan
* Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA20)
   Sponsor: National Aeronautics & Space Administration (NASA) - General

* SC Hazards Assessment Geo Information Support - (13540-FA23)
   Sponsor: SC Emergency Management Division/FEMA

Hardisty, Frank
* Improving Geographic Visualization for Data Analysis - (13540-GA01)
   Sponsor: Office of the Adjutant General

* Prostate Cancer ESDA and Spatial Analysis - (13540-FA27)
   Sponsor: USCRF/Penn State/CDC
Geography

Hodgson, Michael
* Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA19)
  **Sponsor:** National Aeronautics & Space Administration (NASA) - General
  **Amount:** $155,536

* Spatial Data Needs and the Use of GIS and Remote Sensing in State-Level Hazard-Related Offices - (13540-FA17)
  **Sponsor:** John C. Stennis Space Center/NASA
  **Amount:** $35,056

Jakubs, John
* Francis Marion and Sumter National Forest GIS Digital Update - (13540-FA15)
  **Sponsor:** USCRF/US Forest Service/USDA
  **Amount:** $19,095

Jensen, John
* Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA18)
  **Sponsor:** National Aeronautics & Space Administration (NASA) - General
  **Amount:** $178,317

* Program for a NASA Affiliated Research Center Program at the University of South Carolina - (13540-F165)
  **Sponsor:** National Aeronautics & Space Administration
  **Co-PI:** Cowen, David
  **Amount:** $250,000

Kovacik, Charles
* SC Geographic Alliance - (13540-GJ05)
  **Sponsor:** SC General Assembly
  **Amount:** $188,631

Lloyd, Robert
* Differences in Spatial Abilities for Sex and Age Groups - (13540-LA00)
  **Sponsor:** Central Michigan University
  **Amount:** $600

Mock, Cary
* Baseline Methods for Reconstructing United States 19th Century Climatic Extremes from Historical Data - (13540-FA25)
  **Sponsor:** USCRF/National Science Foundation (NSF) - General
  **Amount:** $44,437

* Historical Climate Data Catalogue - (13540-FA26)
  **Sponsor:** USCRF/National Oceanic & Atmospheric Administration (NOAA)/DOC
  **Amount:** $7,800

Power, Helen
* Climatic Influences on the Spatial and Temporal Variability of Aerosols over North America - (13540-FA24)
  **Sponsor:** USCRF/National Science Foundation (NSF) - General
  **Co-PI:** Sheridan, Scott
  **Amount:** $52,934
History

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

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

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

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

Weyeneth, Robert
*  GA: SC Department of Archives and History - (13550-GP22)
  Sponsor: SC Department of Archives and History  $5,000
*  GA: SC Department of Archives and History - (13550-GP23)
  Sponsor: SC Department of Archives and History  $5,000
History
* **GA: SC Department of Archives and History - (13550-GP24)**
  
  **Sponsor:** SC Department of Archives and History
  **$1,572**

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

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

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

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

**Naval Science**
**Gordon, William D.**
* **NROTC Educational Instruction: Calculus and Physics - (13560-FJ06)**
  
  **Sponsor:** US Navy/DOD
  **$3,000**

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

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

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

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

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

Tyer, Charlie
* GA: City Center Partnership, Inc. - (13570-KP01)  
  ** Sponsor:** City Center Partnership, Inc.  
  $6,030

* GA: City of Columbia - (13570-HP02)  
  ** Sponsor:** City of Columbia  
  $9,716

* GA: City of Columbia General Services Department - (13570-HP04)  
  ** Sponsor:** City of Columbia  
  $9,000

* GA: Office of State Budget - (13570-GP06)  
  ** Sponsor:** SC Budget & Control Board  
  $7,190

* GA: Richland County - (13570-HP03)  
  ** Sponsor:** Richland County  
  $7,460

* GA: Richland County - (13570-HP05)  
  ** Sponsor:** Richland County  
  $4,550

* GA: Richland County - (13570-HP06)  
  ** Sponsor:** Richland County  
  $4,550

* GA: Richland County - (13570-HP07)  
  ** Sponsor:** Richland County  
  $4,900
Psychology

Ardoin, Scott
* Implementing and Evaluating STEEP in the Richland One School District - (13580-HA100)  
  Sponsor: Richland County School District One  
  $46,234

Baylis, Gordon
* Mechanisms of Perceptual Extinction Following Stroke - (13580-FA19)  
  Sponsor: USCRF/National Institute of Neurological Disorders & Stroke (NINDS)/NIH  
  $203,015

Booze, Rosemarie
* HIV/Cocaine Neurotoxicity in Females - (13580-FA11)  
  Sponsor: USCRF/National Institute on Drug Abuse (NIDA)/NIH  
  $115,668

* Neurodevelopment Basis(es) of Nicotine Sensitization - (13580-FA13)  
  Sponsor: USCRF/National Institute on Drug Abuse/NIH  
  $291,000

Coleman, James
* GABA Receptor Subunits and Neural Excitability - (13580-FA27)  
  Sponsor: SC BRIN/EPSCoR/HHS  
  $39,354

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

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

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

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

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

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

Huebner, E. Scott
* GA: Pine Grove School - (13580-J728)  
  Sponsor: Pine Grove School  
  $29,200

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

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

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

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

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

Mactutus, Charles
* Developmental Neurotoxicity of Cocaine-An IV Rat Model - (13580-FA24)  
  Sponsor: USCRF/National Institute on Drug Abuse (NIDA)/NIH  
  $57,229

* Maternal HIV: Developmental Neurotoxicity - (13580-FA22)  
  Sponsor: USCRF/National Institute of Child Health & Human Development (NICHD)/NIH  
  $294,638

* Prenatal Cocaine Exposure and Attentional Dysfunction - (13580-FA16)  
  Sponsor: USCRF/Cornell University/National Institute on Drug Abuse (NIDA)/NIH  
  $157,567
Psychology

Prinz, Ronald

* Media-Based Programming to Enhance Parenting - (13580-FA28)  
  Sponsor: USCRF/National Institute of Child Health & Human Development (NICHD)/HHS  
  $469,844

* Population-Based System of Parenting Interventions - (13580-FA12)  
  Sponsor: USCRF/Centers for Disease Control (CDC)/NIH  
  $1,590,246

* Risk Reduction via Promotion of Youth Development - (13580-FA15)  
  Sponsor: USCRF/National Institute Mental Health/NIH  
  $934,268

Richards, John

* Development of Sustained Attention in Infants - (13580-FA04)  
  Sponsor: National Institute of Child Health & Human Develop  
  $256,095

* The Development of Sustained Attention in Infants - (13580-KA02)  
  Sponsor: University of Rochester/McDonnell Foundation  
  $48,316

Schatz, Jeffrey

* Anemia Brain Functioning and Cognitive Development in Children with Sickle  
  Cell Disease - (13580-KA01)  
  Sponsor: USCRF/March of Dimes  
  $139,972

* GA(1): Continuum of Care - (13580-GP15)  
  Sponsor: Continuum of Care/Governor's Office  
  $18,000

* GA: Earle E. Morris Alcohol and Addiction Treatment Center - (13580-GP01)  
  Sponsor: SC Department of Mental Health  
  $24,000

* GA: Lexington School District Two - (13580-HP14)  
  Sponsor: Lexington School District Two  
  $9,500

* GA: Palmetto Health Alliance - (13580-LP07)  
  Sponsor: Palmetto Health Alliance  
  $14,500

* GA: Palmetto Health Alliance - (13580-LP14)  
  Sponsor: Palmetto Health Alliance  
  $6,255

* GA: Palmetto Health Alliance - (13580-LP15)  
  Sponsor: Palmetto Health Alliance  
  $9,581

* GA: SC Department of Mental Health - (13580-GP16)  
  Sponsor: SC Department of Mental Health  
  $35,466
Psychology

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

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

Vendemia, Jennifer
* Psychophysiological Detection of Deception Research - (13580-FA08) 
  **Sponsor:** USCRF/Army Corps of Engineers/DOD 
  **Cost:** $186,278

* Reducing Contextual Bias in Performance Appraisal - (13580-FA26) 
  **Sponsor:** National Science Foundation (NSF) - General 
  **Cost:** $478,927

Wandersman, Abraham
* Evaluation of BRIN/EPSCoR - (13580-GA02) 
  **Sponsor:** SC Research Authority/CHE 
  **Cost:** $8,534

* Formative and Summative Evaluation of the SC-BRIN/EPSCoR Program - (13580-FA29) 
  **Sponsor:** USCRF/National Center for Research Resources (NCRRS)/NIH 
  **Cost:** $80,278

* Participatory Research of an Empowerment Evaluation System - (13580-FA14) 
  **Sponsor:** USCRF/Rand/NIH 
  **Cost:** $123,926

Public Service & Policy Research, Institute for

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

Cumberland, Jr. Frank J.
* Mercury Lamp Disposal Education Outreach - (21100-FL10) 
  **Sponsor:** US Environmental Protection Agency 
  **Cost:** $76,185

* Sustainable Universities Initiative - Development of a Course in Energy Law and Policy - (21100-KA03) 
  **Sponsor:** USC Educational Foundation 
  **Cost:** $3,000

Kelsey, Heath
* Fecal Coliform Bacteria Removal Efficiency for Stormwater Runoff BMPs in the Virgin Islands - (21600-FA51) 
  **Sponsor:** USCRF/University of the Virgin Islands/USGS/DOI 
  **Cost:** $17,200
Public Service & Policy Research, Institute for

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

Oldendick, Robert

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

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

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

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

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

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

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

Sheheen, Fred

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

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

Steagall, Christine

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

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

Evans, Carl

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

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
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<td>Barron, Daniel</td>
<td>* GA: Kershaw County Public Library - (15700-HP05)</td>
<td>Kershaw County Public Library</td>
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<td>Sponsor: Kershaw County Public Library</td>
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<td>* Palmetto and Pine Recruiting and Education Initiative - (15700-FL00)</td>
<td>USCRF/Institute of Museum &amp; Library Services</td>
<td>$477,609</td>
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<td>Douglas, Gayle</td>
<td>* GA: York County Public Library - (15700-HP04)</td>
<td>York County Public Library</td>
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<td>Feehan, Patricia</td>
<td>* Hispanic Literacy Summit - (15700-KA00)</td>
<td>PSARAS Foundation</td>
<td>$20,000</td>
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<td>Shannon, Donna</td>
<td>* School Library Media Specialist for the Next Generation - (15700-FA01)</td>
<td>USCRF/Institute of Museum and Library Services</td>
<td>$196,159</td>
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<td>Tu, Feili</td>
<td>* Consumer Health Information Services in American Public Libraries:</td>
<td>USCRF/OCLC Online Computer Library Center</td>
<td>$15,000</td>
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<td>An Assessment of Current Status and Educational Needs - (15700-KA01)</td>
<td>Co-PI: Zimmerman, Nancy</td>
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<td>Williams, Robert</td>
<td>* GA: Michelin Americas R&amp;D Corp. - (15700-JP00)</td>
<td>Michelin Americas R&amp;D Corporation</td>
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<td>* Southeast Archives Education Collaborative with Louisiana State</td>
<td>USCRF/Louisiana State Univ/IMLS</td>
<td>$4,945</td>
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<td>University - (15700-FA00)</td>
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<td>Medicine, School of</td>
<td>Cancer Center, South Carolina</td>
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<td>Chen, Yu-Chyu</td>
<td>* Potential Mechanism of Annexin 1-Mediated Suppression on Androgen</td>
<td>SC Cancer Center/Palmetto Health Foundation</td>
<td>$15,000</td>
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<td>Refractory Prostate Cancers - (18300-KA15)</td>
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<td>Sponsor: SC Cancer Center/Palmetto Health Foundation</td>
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<td>Blake, Charles</td>
<td>* Research Infrastructure at Benedict College - (18020-FA14)</td>
<td>USCRF/Benedict College/NIH</td>
<td>$109,810</td>
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<td>* Research Infrastructure at Benedict College - (18020-FA15)</td>
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<td>Borg, Thomas</td>
<td>* Administrative Core (COBRE) - (18020-FA07)</td>
<td>USCRF/Medical University of South Carolina/NIH</td>
<td>$42,991</td>
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<td>* Cardiac Angiotensin: Load-Induced Hypertrophy and Failure - (18020-FA05)</td>
<td>USCRF/Beth Israel Deaconess Medical Center/NIH</td>
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<td>* Integrin Shedding in the Heart: In Vivo and In Vitro - (18020-FA08)</td>
<td>USCRF/National Heart, Lung and Blood Institute (NHLBI)/NIH</td>
<td>$361,250</td>
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<td>* Three-Dimensional Micropatterned Cardiac Tissue Culture - (18020-FA13)</td>
<td>USCRF/University of California - San Diego/NIH</td>
<td>$42,530</td>
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<td>Bullard, Tara</td>
<td>* Protein Kinase C Expression in Cardiac Myocytes - (18020-KA04)</td>
<td>American Heart Association - SC Affiliate</td>
<td>$18,200</td>
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<td><strong>Co-PI:</strong> Price, Robert</td>
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<td>Carver, Wayne</td>
<td>* Role of ADAMs in Heart Myocyte Development - (18020-FA01)</td>
<td>National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
<td>$252,875</td>
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<td>Goldsmith, Edie</td>
<td>* Role of Discoidin Domain Receptor 2 in Valvulogenesis - (18020-FA17)</td>
<td>USCRF/National Institutes of Health (NIH) - General</td>
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<td><strong>Co-PI:</strong> Potts, Jay</td>
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<td>Goodwin, Richard</td>
<td>* The Role of LEK1 in the Proliferation and Differentiation of Cardiac Myocytes - (18020-KA00)</td>
<td>American Heart Association</td>
<td>$65,000</td>
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<td>* The Role of the Extracellular Matrix in Cardiomyocyte Proliferation</td>
<td>Medical University of South Carolina/NIH</td>
<td>$228,017</td>
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<td>Muga, Stephanie</td>
<td>* COBRE: Adjuvant Nutrition and Chemotherapeutic Response - (13130-FA03)</td>
<td>USCRF/National Center for Research Resources (NCRR)/NIH</td>
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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, Robert
  * 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)  
  **Sponsor:** Merck Research Laboratories  
  **$8,184**

* Vitamin D/Calcium Polyp Prevention Study - (18130-FA06)  
  **Sponsor:** USCRF/Emory University/NCI/NIH  
  **$49,703**

Keisler, David
  * The Diabetes Initiative of South Carolina - (18130-GL05)  
  **Sponsor:** Medical University of South Carolina  
  **$52,200**

McDermott, Suzanne
  * STEPS to Your Health - (18130-GL06)  
  **Sponsor:** SC Department of Disabilities & Special Needs  
  **$15,000**

  * The South Carolina Disability and Health Project - (18130-FL06)  
  **Sponsor:** USCRF/Centers for Disease Control (CDC)/HHS  
  **$454,545**

Internal Medicine
Bryan, Charles
  * Center for Bioethics - (21100-L102)  
  **Sponsor:** USC School of Medicine Educ. Trust/Palmetto Health Alliance  
  **$85,077**

  * Midlands Care Consortium-Ryan White Base Funds - (18190-FL10)  
  **Sponsor:** SC Department of Health & Environmental Control/HHS  
  **$182,824**

  * Perinatal HIV Prevention Services - (18190-FL00)  
  **Sponsor:** SC Department of Health & Environmental Control/HHS  
  **$40,000**

  * Perinatal HIV Prevention Services - (18190-FL15)  
  **Sponsor:** SC Department of Environmental Control/HHS  
  **$123,492**

Butler, William
  * New Approaches to Inhibition of Human Thymidylate Synthase - (18300-KA11)  
  **Sponsor:** Palmetto Health Foundation  
  **$1,183**

Chillag, Shawn
  * Palmetto Health Affiliation - (18190-K401)  
  **Sponsor:** Palmetto Health Alliance  
  **$1,223,415**
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 Erthropoietin in Patients with... - (18190-JA14) $4,600

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

  **Amount:** $5,000

* A Multicenter, Double Blind, Randomized Placebo-Controlled Parallel Safety of TAK in Type 2DM - (18190-JA15)
  
  **Sponsor:** USCRF/Takeda Pharmaceutical North America

  **Amount:** $6,000

* A Randomized Comparator, Controlled, Double-Blinded Study of the Pioglitazone HCI versus Glyburide with Metformin and Insulin as Part of Step Therapy in Subjects with Type 2 (Non-Insulin Dependent) Diabetes - (18190-JA02)
  
  **Sponsor:** USCRF/Ingenix Pharmaceutical Services

  **Amount:** $8,910

* Eli Lilly B7A-MC-MBBR LY333531 Treatment of Peripheral Neuropathy in Patients with Diabetes-Phase 3 Pivotal Clinical Trial - (18190-JA08)
  
  **Sponsor:** USCRF/Quintiles, Inc.

  **Amount:** $13,065

* Eli Lilly B7A-MC-MBCW LY333531 Treatment of Symptomatic Peripheral Neuropathy in Patients with Diabetes - (18190-JA10)
  
  **Sponsor:** USCRF/Quintiles, Inc.

  **Amount:** $31,830

Moloo, Jamal

* Ontarget/Transcend - (18190-JA09)
  
  **Sponsor:** USCRF/Hamilton Health Sciences/Boehringer Ingleheim

  **Amount:** $16,105

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

  **Amount:** $7,440

* HOPWA Case Case Management for HIV/AIDS Clients - (18190-FL21)
  
  **Sponsor:** USCRF/City of Columbia/HUD

  **Amount:** $50,000

* Midlands Care Consortium - CBC/MAI ADAP Awareness - (18190-FL19)
  
  **Sponsor:** SC Department of Health & Environmental Control/HHS

  **Amount:** $32,991

* Midlands Care Consortium - CBC/MAI Discharge Planning - (18190-FL20)
  
  **Sponsor:** SC Department of Health & Environmental Control/HHS

  **Amount:** $31,783

* Midlands Care Consortium - Ryan White Base Funds - (18190-FL16)
  
  **Sponsor:** SC Department of Health & Environmental Control/HHS

  **Amount:** $1,881,169
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, Randomized, 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 Trizivir 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

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)**

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<tr>
<th>Project Description</th>
<th>Sponsor</th>
<th>Amount</th>
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<tr>
<td>* Stevens Foundation Scholarship - John Baker - (18360-KJ00)</td>
<td>John T. Stevens Foundation</td>
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<td>* Videocommunications Equipment for the South Carolina Cancer Center - (18360-KQ05)</td>
<td>USCRF/Palmetto Health Foundation</td>
<td>$30,000</td>
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**Microbiology & Immunology**

- **Fox, Alvin**
  - * Function of the bacillus anthracis spore carbohydrate - (18060-FA12) | USCRF/Kansas State University/NIH | $114,347 |
  - * IPA with Department of Homeland Security - (18060-FL00)                | Department of Homeland Security          | $201,854 |
  - * Minority Predoctoral Fellowship Program - (18060-FA00)                | National Human Genome Research Institute/NIH | $35,097 |
  - * Proteomics and Advanced Bio-Analytical Instrumentation for Microbial Characterization - (18060-FA10) | SC Universities Research and Education Foundation (SCUREF)/WSRC/DOE | $18,166 |
  - * South Carolina Center for Public Health Preparedness - (18060-FJ01)    | USCRF/Association of Schools of Public Health/CDC | $35,410 |

- **Ghaffar, Abdul**
  - * Efficacy of the Polymeric Microsphere Encapsulated Vaccine Stimulate Antibody Production and Resistance - (18060-FA02) | USCRF/Vasmo, Inc./US Army/DOD | $40,000 |
  - * 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) | USCRF/Clemson University/DOD | $83,131 |

- **Hunt, Margaret**
  - * Vitreous Modulation of Retinal Pigment Epithelium Cells - (18060-F173) | National Eye Institute (NEI)/NIH | $252,875 |

**Neuropsychiatry**

- **Froehlich, Robert**
  - * Rehabilitation Long-Term Training: Rehabilitation Counseling - (18120-F260) | US Department of Education (USDE) - General | $196,034 |
Neuropsychiatry

Harding, Richard
* Palmetto Health Affiliation - (18120-K401)
  **Sponsor:** Palmetto Health Alliance  $729,574

Wright, Harry
* Molecular and Genetic Epidemiology of Autism - (18120-FA00)
  **Sponsor:** USCRF/Duke University/NIH  $243,251

Obstetrics & Gynecology

Bacon, Janice
* Palmetto Health Affiliation - (18110-K401)
  **Sponsor:** Palmetto Health Alliance  $1,022,254

Best, Robert
* Genetic Services for Indigent and Underserved Patients - (18110-GL02)
  **Sponsor:** SC Department of Health & Environmental Control  $64,952

  * South Carolina Neural Tube Defect Surveillance, Prevention, and Research Initiative - (18110-F100)
    **Sponsor:** J.C. Self Research Institute of Human Genetics/CDC/HHS  $59,000

Ophthalmology

Davis, Richard
* Palmetto Health Affiliation - (18150-K401)
  **Sponsor:** Palmetto Health Alliance  $557,193

Pakalnis, V. Al
* Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (18150-JA00)
  **Sponsor:** USCRF/Parexel International Corporation  $11,510

Orthopaedics Surgery

Eady, John
* Palmetto Health Affiliation - (18160-K401)
  **Sponsor:** Palmetto Health Alliance  $630,714

Pathology & Microbiology

Creek, Kim
* HPIV16-Induced TGF-Beta Resistance in Human Keratinocytes - (18070-FA02)
  **Sponsor:** USCRF/National Cancer Institute (NCI)/NIH  $258,100
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

Piris-Creek, Lucia

* HPV Vaccines and Immunotherapies Conference - (18060-FA06) $8,000
  
  **Sponsor:** USCRF/National Cancer Institute(NCI)/NIH

* Pappillomavirus 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 Herbals - (18060-FA04) $23,356
  
  **Sponsor:** USCRF/National Institute of Arthritis & Muscoskeletal & 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)  
  **Sponsor:** Palmetto Health Alliance  
  **$651,985**

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

**Ferrante, Richard**

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

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

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

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

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

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

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

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

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

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

**Kotchmar, George**

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

Adkins, Alice

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

Alexander, Judith

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

Andrews, Jeannette

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

Fuller, Sara

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

Maeve, Katherine

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

Messias, DeAnne

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

Moneyham, Linda

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

Murdaugh, Carolyn

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

Parsons, Mary Ann

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

Phillips, Kenneth

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

**Basic Pharmaceutical Sciences**

**Berger, Sondra**
- * Genetic Profiling of Breast Cancer in African-Americans in South Carolina - (18300-KA00)  
  
  **Sponsor:** Palmetto Health Foundation
  
  **Amount:** $30,000

- * Research Support Costs for Claflin College Master's Students - (11110-FA12)  
  
  **Sponsor:** USCRF/National Cancer Institute (NCI)/NIH
  
  **Amount:** $2,000

- * The Sphingosine Kinase 1/Sphingosine-1-phosphate Pathway as a New Target for Colon Cancer Chemoprevention - (11110-FA11)  
  
  **Sponsor:** Medical University of SC/Geo-Centers/DOD
  
  **Amount:** $6,892

**Smith, Eric**
- * Carcinogen Penetration Enhancement in Respiratory Tract Tissue - (11110-FA10)  
  
  **Sponsor:** Medical University of SC/Geo-Centers/DOD
  
  **Amount:** $46,793

**Smith, Theresa**
- * Research Support Costs for Claflin College Master's Students - (11110-FA13)  
  
  **Sponsor:** USCRF/National Cancer Institute (NCI)/NIH
  
  **Amount:** $2,000

**Zhu, Bao**
- * 2-Methoxyestradiol and Hormonal Cancer - (11110-FA08)  
  
  **Sponsor:** USCRF/National Cancer Institute (NCI)/NIH
  
  **Amount:** $207,338

- * Endogenous Estrogen-Fatty Acid Esters: Mammary-Selective Hormones and Carcinogens - (11110-KA03)  
  
  **Sponsor:** USCRF/American Cancer Society
  
  **Amount:** $161,250

- * Selective Induction of Estrogen Conjugative Metabolism - (11110-FA06)  
  
  **Sponsor:** USCRF/National Cancer Institute(NCI)/NIH
  
  **Amount:** $207,338

**Pharmacy - (Dean)**

**Dickson, W. Michael**
- * Antibiotic Prescribing Behavior - (11120-FL00)  
  
  **Sponsor:** SC Department of Health & Environmental Control/HHS
  
  **Amount:** $13,500

**Pharmacy - (General)**

**Lingle, William E.**
- * Review of Data Regarding Pharmacy Utilization Identify High Utilizers and Provide Recommendations - (11150-FA01)  
  
  **Sponsor:** SC Department of Health & Human Services/HHS
  
  **Amount:** $212,267
Pharmacy - (General)

Michels, Jill
* Reportable Diseases Database Software - (11140-GL02)
  **Sponsor:** SC Department of Health & Environmental Control
  **$5,350**

* SC DHEC Bioterrorism Project - (11140-FL03)
  **Sponsor:** SC Department of Health & Environmental Control/CDC
  **$158,244**

* South Carolina Poison Center Certification Project - (11140-FL01)
  **Sponsor:** USCRF/Health Resources & Services Administration (HRSA)/HHS
  **$233,614**

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

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

Wyatt, Michael
* COBRE: Thymineless Death and Genome Stability - (13130-FA02)
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH
  **$204,083**

* Effect of Dietary Components on DNA Repair - (11110-FA07)
  **Sponsor:** USCRF/National Cancer Institute(NCI)/NIH
  **$70,521**

* Research Support Costs for Claflin College Master's Students - (11110-FA14)
  **Sponsor:** USCRF/National Cancer Institute (NCI)/NIH
  **$2,000**

* SGER: Cytotoxicity of Nanoparticles - (11110-FA09)
  **Sponsor:** USCRF/National Science Foundation (NSF) - General
  **$52,168**

Pharmacy Practice

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

Rowen, Randall
* Clinical Pharmacy Service Contract Agreement - (11150-LL01)
  **Sponsor:** Palmetto Health Richland
  **$76,750**

* Medication Use by SC Medicaid Recipients Age 55 and Older - (11150-FA00)
  **Sponsor:** SC Department of Health & Human Services/HHS
  **Co-PI:** Dickson, W. Michael
  **$7,800**
Provost, Office of the

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

TRIO Programs
Beasley, Paul
* Educational Opportunity Centers Program - (21710-FL15)
  Sponsor: US Department of Education (USDE) - General
  $427,832

* Educational Talent Search Program - (21710-FL13)
  Sponsor: USCRF/US Department of Education (USDE) - General
  $329,914

* Ronald E. McNair Post Baccalaureate Achievement Program - (21710-FL14)
  Sponsor: USCRF/US Department of Education (USDE) - General
  $222,592

* Student Support Services - (21710-FL12)
  Sponsor: US Department of Education (USDE) - General
  $270,772

* Upward Bound Program - (21710-FL16)
  Sponsor: US Department of Education (USDE) - General
  $488,392

Public Health, Arnold School of

Communication Sciences & Disorders
Frank, Elaine
* SC AHEC Award for Community Based Education - (11560-GJ00)
  Sponsor: SC Area Health Education Centers
  $9,700

Healy, Eric
* Flexibility in Research Design using Current Experimental Control Mechanisms - (11560-KA02)
  Sponsor: MUSC/James E. & Pamela Knowles Foundation
  $5,645

* Speech Perception by Normal and Impaired Listeners - (11560-FA00)
  Sponsor: USCRF/National Institute of Child Health & Human Development (NICHD)/NIH
  $72,750

Communication Sciences & Disorders
Martin, Judith
* USC Stuttering Institute: Fluency Roundup II - (11560-FJ01)
  Sponsor: SC Department of Education/USDE
  Co-PI: Frank, Elaine
  $4,000
Environmental Health Sciences

Aelion, C. Marjorie

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

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

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

Bernhard, Joan

  **Sponsor:** USCRF/National Aeronautics & Space Administration (NASA)  
  **Amount:** $155,722

Chandler, G. Thomas

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

Communication Sciences & Disorders

Martin, Judith

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

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

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

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

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

Decho, Alan

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

* LUCES: Land Use Effects on Mobility Bioavailability, and Toxicity of Common Urban Contaminants in Water/Sediment of Coastal Ecosystems - (11510-FA64)
  
  **Sponsor:** SC Sea Grant Consortium/NOAA
  **Co-PI:** Chandler T.
  **Amount:** $57,802

* Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas - (11510-FA34)
  
  **Sponsor:** USCRF/University of North Carolina/NSF
  **Amount:** $80,558

Feigley, Charles

* Graduate Education in Industrial Hygiene - (11510-FJ05)
  
  **Sponsor:** National Institute for Occupational Safety & Health (NIOSH)/HHS
  **Amount:** $72,562

* Investigating Principles of Workroom Exposure - (11510-FA23)
  
  **Sponsor:** USCRF/National Institute for Occupational Health & Safety (NIOSH)/HHS
  **Amount:** $180,625

* South Carolina Center for Public Health Preparedness - (11500-FJ06)
  
  **Sponsor:** USCRF/Association of Schools of Public Health/CDC
  **Co-PI:** Richter, Donna
  **Amount:** $842,912

* Support for Environmental Epidemiology Faculty - (11500-FJ07)
  
  **Sponsor:** SC Department of Health & Environmental Control/CDC
  **Co-PI:** Richter, Donna
  **Amount:** $53,000

McKellar, Henry

* LUCES: Tidal Exchange of Nurtients in Estuarine Wetlands of the South Atlantic Bight: Seasonal Dynamics and Effects of Upland Development - (11510-FA61)
  
  **Sponsor:** SC Sea Grant Consortium/NOAA
  **Amount:** $18,532

Newman, Lee

* Dewatering Remediation and Evaluation of Dredged Sediments - (11510-FA32)
  
  **Sponsor:** USCRF/Purdue University/EPA
  **Amount:** $31,910

* Joint USC-Savannah River Ecology Laboratory Faculty - (11510-FA41)
  
  **Sponsor:** USCRF/University of Georgia/DOE
  **Amount:** $105,000

* Phytoremediation - (11510-FA72)
  
  **Sponsor:** USCRF/Univeristy of Washington/NIH
  **Amount:** $125,942

* Phytoremediation: NIEHS Superfund Collaboration - (11510-FA53)
  
  **Sponsor:** USCRF/University of Washington/NIH
  **Amount:** $56,001

Porter, Dwayne

* Assessing Community Level Mapping Needs at McCrady Training Center - (21600-GA00)
  
  **Sponsor:** Office of Adjutant General
  **Amount:** $98,827
Environmental Health Sciences
* Continuing Support of the National Estuarine Research Reserve System
  Centralized Data Management Office - (21600-FA58)
  Sponsor: USCRF/US Department of Commerce

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

* LUCES: Development of a GIS-Based Database Management and Spatial Modeling
  Program - (11510-FA67)
  Co-PI: Aelion, C. Marjorie

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

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

* Urbanization and Southeastern Estuarine Systems (USES) - (11510-FA69)
  Co-PI: Ferry, John

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

* Urbanization and Southeastern Estuarine Systems (USES) - (21600-FA57)
  Co-PI: Edwards, Donald

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

Epidemiology & Biostatistics
Adams, Swann
* Physical Activity and Hormone Receptor-Defined Breast Cancer - (11520-KA01)
  Sponsor: USCRF/American College of Sports Medicine

Aldrich, Tim
* Carolina Asthma Surveillance and Ed-Based Intervention - (11520-FA23)
  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)
  
  **Sponsor:** SC Department of Health & Human Services/HHS
  
  **Amount:** $75,000
* Real Choice System Change - (11580-FL05)
  
  **Sponsor:** SC Department of Health & Environmental Control/HHS
  
  **Amount:** $196,933

Cunningham, Joan
* GA: Palmetto Health Foundation - (11520-KP08)
  
  **Sponsor:** Palmetto Health Foundation
  
  **Amount:** $5,025
* GA: Palmetto Health Foundation - (11520-KP09)
  
  **Sponsor:** Palmetto Health Foundation
  
  **Amount:** $12,691

Drane, J. Wanzer
* Development of Long-Term Institutional Linkage into Research of Non Cancer Morbidity of Chernobyl Children - (10060-KJ01)
  
  **Sponsor:** Council for International Exchange of Scholars
  
  **Amount:** $25,000
* Fort Jackson Center One - (11520-FA35)
  
  **Sponsor:** USCRF/Fort Jackson/US Army/DOD
  
  **Amount:** $44,544

Hebert, James
* A Randomized Cross-Over Study to Compare Once a Day Sevelamer Dosing with Three Times Per Day Sevelamer Dosing - (11520-JA01)
  
  **Sponsor:** USCRF/Genzyme Corporation
  
  **Co-PI:** Hurley, Thomas
  
  **Amount:** $17,500
* Behavior Change Consortium - Dietary Supplement Study - (11520-FA41)
  
  **Sponsor:** USCRF/Harvard School of Public Health/NCI/HHS
  
  **Amount:** $22,435
* Dietary Assessment-Randomized Trial of Sevelamer Hydrochloride in Chronic Kidney Disease Patients - (11500-JA00)
  
  **Sponsor:** USCRF/GelTex Pharmaceuticals, Inc.
  
  **Co-PI:** Hurley, Thomas
  
  **Amount:** $8,627
* Geo Centers - (11520-FA40)
  
  **Sponsor:** MUSC/Geo-Centers, Inc/DOD
  
  **Amount:** $1,885
* Research Support Costs for Claflin College Master's Students - (11520-FA39)
  
  **Sponsor:** USCRF/National Cancer Institute/NIH
  
  **Amount:** $2,000
* Self-report Dietary Data: Influence of Bias and Imprecision on Intervention Effect Estimates - (11520-KA04)
  
  **Sponsor:** SC Nutrition Research Consortium/SCRA
  
  **Amount:** $16,859
**Epidemiology & Biostatistics**

- **SIP 2-02: PRC Cancer Prevention and Control Network - (11570-FA33)**
  - **Sponsor:** Centers for Disease Control (CDC)/HHS
  - **Funding:** $495,882

- **Lane, Marcia**
  - **Quality Assurance for Aging Programs in South Carolina - (11580-FL04)**
  - **Sponsor:** SC Department of Health & Human Services/HHS
  - **Funding:** $34,347

- **Lawson, Andrew**
  - **Geographic Tools for Surveillance and Study of Disease - (11520-FA21)**
  - **Sponsor:** USCRF/Robert Wood Johnson Foundation/NIH
  - **Funding:** $74,000

  - **Geographical Determinants of Prostate Cancer Progression in South Carolina - (11520-FA36)**
  - **Sponsor:** Geo-Centers/MUSC/DOD
  - **Funding:** $25,643

  - **Tests for Spatial Randomness in Cancer Maps - (11520-FA38)**
  - **Sponsor:** USCRF/Harvard University/NIH
  - **Funding:** $25,000

- **Liese, Angela**
  - **Dietary Glycemic Index in Relation to the Metabolic Syndrome: An Ancillary Study to the Insulin Resistance Artherosclerosis Study (IRAS) - (11520-KA00)**
  - **Sponsor:** USCRF/American Diabetes Association
  - **Funding:** $99,148

- **Macera, Caroline**
  - **Analysis of Survey Data for the Cooper Institute - (11570-FA46)**
  - **Sponsor:** USCRF/The Cooper Institute/NIH
  - **Funding:** $29,642

- **Mayer-Davis, Elizabeth**
  - **Defining Diabetes in Youth: South Carolina Site - (11520-FA29)**
  - **Sponsor:** USCRF/University of Colorado/NIH
  - **Funding:** $318,645

  - **Diabetes Prevention Program Outcomes Study (DPPOS) - (11520-FA31)**
  - **Sponsor:** USCRF/The George Washington University/NIH
  - **Funding:** $19,107

  - **Diabetes Prevention Program Outcomes Study (DPPOS) - (11520-FA37)**
  - **Sponsor:** USCRF/George Washington University/NIH
  - **Funding:** $110,495

  - **LOOK-AHEAD - (11520-FA34)**
  - **Sponsor:** USCRF/Wake Forest University/NIH
  - **Funding:** $83,515

  - **Revenue Account for 11520-FA16 and the Continuation Account 11520-FA26. (LOOK AHEAD) - (11520-LA02)**
  - **Sponsor:** USCRF/Wake Forest University/NIH
  - **Funding:** $14,790
Epidemiology & Biostatistics

* Treatment of Options for Type 2 Diabetes in Adolescents and Youth (TODAY) - $37,586
  (11590-FA05)
  **Sponsor:** USCRF/The George Washington University/HHS

* Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) - $29,379
  (11590-FA04)
  **Sponsor:** USCRF/George Washington University/NIH

* Uniform Population Based Approach and Research on Childhood Diabetes:
  SEARCH Study - (11520-FA33) $653,005
  **Sponsor:** Centers for Disease Control (CDC)/HHS

McKeown, Robert

* Exploring Diabetes and Depression in Youth - (11520-FA25) $293,284
  **Sponsor:** USCRF/National Institute of Mental Health (NIMH)/NIH

* GA: Richland County School District One - (11520-HP00) $13,500
  **Sponsor:** Richland County School District One

* GA: SC Central Cancer Registry - (11520-GP13) $15,913
  **Sponsor:** SC Department of Health & Environmental Control

* GA: SC Department of Health & Environmental Control - (11520-GP11) $11,000
  **Sponsor:** SC Department of Health & Environmental Control

* GA: SCDHEC - (11520-GP12) $49,500
  **Sponsor:** SC Department of Health & Environmental Control

* Heart, Soul, Mind and Strength Program - (11520-KA03) $50,700
  **Sponsor:** USCRF/SCUMAC/Duke Endowment

* The Epidemiology of ADHD in Young Children - (11520-FA32) $261,971
  **Sponsor:** USCRF/Centers for Disease Control (CDC)/HHS

Vena, John

* GA: SC Department of Health & Environmental Control - (11520-GP16) $18,326
  **Sponsor:** SC Department of Health & Environmental Control

* GA: SC DHEC - (11520-GP14) $10,084
  **Sponsor:** SC Department of Health & Environmental Control

* GA: SC DHEC - (11520-GP15) $10,084
  **Sponsor:** 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
<table>
<thead>
<tr>
<th>Title</th>
<th>Sponsor</th>
<th>Budget</th>
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<tbody>
<tr>
<td>* The Role of Cytokines in the Development of Central Fatigue</td>
<td>American College of Sports Medicine Foundation</td>
<td>$4,981</td>
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<td>* GA: Michelin North America</td>
<td>Michelin North America</td>
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<td>* GA: South Carolina Heart Center</td>
<td>SC Heart Center</td>
<td>$13,450</td>
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<td>* Community Characteristics and PA Among Adolescent Girls</td>
<td>USCRF/RAND/NIH</td>
<td>$54,876</td>
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<td>* Lifestyle Education for Activity Program (LEAP) Dissemination Workshop</td>
<td>Research Consortium</td>
<td>$1,485</td>
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<td>* Physical Activity in Preschool Children</td>
<td>USCRF/National Institute of Child Health &amp; Human Development (NICHD)/NIH</td>
<td>$358,701</td>
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<td>* Physical Activity in Preschool Children - Supplement</td>
<td>USCRF/National Institute of Child Health &amp; Human Development (NICHD)/NIH</td>
<td>$193,257</td>
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<td>* Physical Activity Training for Public Health Professionals</td>
<td>Centers for Disease Control (CDC)/HHS</td>
<td>$194,959</td>
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<td>* Promotion of Physical Activity in High School Girls</td>
<td>USCRF/National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
<td>$621,148</td>
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<td>* Trail of Activity for Adolescent Girls</td>
<td>National Heart, Lung &amp; Blood Institute (NHLBI)/NIH</td>
<td>$762,027</td>
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<td>* Evaluation of the Active for Life Program</td>
<td>USCRF/Robert Wood Johnson Foundation</td>
<td>$364,190</td>
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<tr>
<td>* Evaluation of the Active for Life Program - Supplement</td>
<td>Robert Wood Johnson Foundation</td>
<td>$19,008</td>
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<td>* Health-e-AME Faith Based Physical Activity Initiative</td>
<td>USCRF/Medical University of South Carolina/CDC</td>
<td>$208,782</td>
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Exercise Science

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

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

Wilson, Dawn

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

Youngstedt, Shawn

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

Health Promotion, Education & Behavior

Corwin, Sara

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

Neal, Albert

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

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

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

Parra-Medina, Deborah

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

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

Richter, Donna

* African Americans and HIV: Knowing Partner Risk - (11540-FA24) 
  **Sponsor:** USCRF/Association of Schools of Public Health/CDC 
  $50,000
* Community Disaster Response Services Training Initiative (Collaborative Team Model Budget) - (11540-FJ12)
  **Sponsor:** SC Department Mental Health/SC DHEC/HRSA  
  **Co-PI:** Reece, Linda

* Community Disaster Response Services Training Initiative (Training Budget) - (11540-FJ11)
  **Sponsor:** SC Department of Mental Health/SC DHEC/HRSA  
  **Co-PI:** Reece, Linda

* Disaster Response Training for the SCDMH (Conference Budget) - (11540-FJ07)
  **Sponsor:** SC Department of Mental Health/SAMHS/HHS  
  **Co-PI:** Baker-Reese, Lisa; Richter, Jane

* Disaster Response Training for the SCDMH (Training Budget) - (11540-FJ06)
  **Sponsor:** SC Department of Mental Health/SAMHS/HHS  
  **Co-PI:** Baker-Reese, Lisa; Richter, Jane

* Evaluation of Needlestick Prevention Information Dissemination Project - (11540-FA10)
  **Sponsor:** USCRF/ASPH/CDC

* GA: American Lung Association - (11540-LP15)
  **Sponsor:** American Lung Association of South Carolina

* GA: Companion HealthCare - (11540-JP24)
  **Sponsor:** Companion HealthCare

* GA: Health Directions-Lexington Medical Center - (11540-LP13)
  **Sponsor:** Health Directions-Lexington Medical Center

* GA: Lexington County Recreation & Aging Commission - (11540-HP10)
  **Sponsor:** Lexington County Recreation & Aging Commission

* GA: Lexington Medical Center - (11540-LP14)
  **Sponsor:** Lexington Medical Center

* GA: New Morning Foundation - (11540-KP16)
  **Sponsor:** New Morning Foundation

* GA: Richland County School District One - (11540-HP09)
  **Sponsor:** Richland County School District One

* GA: SC Campaign to Prevent Teen Pregnancy - (11540-KP15)
  **Sponsor:** SC Campaign to Prevent Teen Pregnancy

* GA: SC Campaign to Prevent Teen Pregnancy - (11540-KP17)
  **Sponsor:** SC Campaign to Prevent Teen Pregnancy
Health Promotion, Education & Behavior

* GA: SC Department of Health & Environmental Control - (11540-GP07) $11,000
  Sponsor: SC Department of Health & Environmental Control

* GA: SC Department of Health & Environmental Control - (11540-GP08) $11,000
  Sponsor: SC Department of Health & Environmental Control

* GA: SC Department of Health & Environmental Control - (11540-GP06) $38,500
  Sponsor: SC Department of Health & Environmental Control

* GA: Sexual Trauma Services of the Midlands - (11540-KP18) $8,000
  Sponsor: Sexual Trauma Services of the Midlands

* Institute for HIV Prevention Leadership - (11540-FJ05) $475,263
  Sponsor: USCRF/Association of Schools of Public Health/CDC

* Institute for HIV Prevention Leadership - (11540-FJ10) $1,646,439
  Sponsor: USCRF/Association of Schools of Public Health/CDC

* SC Homeland Security Assessment & Strategy Development - (11540-FJ08) $33,626
  Sponsor: MPRI, Inc/SLED/Homeland Security
  Co-PI: Richter, Jane

* SC Public Health Consortium - (11540-FJ13) $100,000
  Sponsor: USCRF/Association of Schools of Public Health/CDC

* Technical Assistance Evaluation of Knight Foundation After School Programs - (11540-KL01) $70,000
  Sponsor: USCRF/The Knight Foundation

Saunders, Ruth
* Duke Endowment Wellness Initiative - (11540-KA03) $328,629
  Sponsor: USCRF/The Duke Endowment

Teas, H. Jane
* Dietary Algae as a Modulator of Breast Cancer Metastases: An Exploratory Grant to Document Proof of Principle - (11540-FA23) $41,259
  Sponsor: Medical University of South Carolina/Geo-Centers/DOD

Umstaddt, Renee
* Mediating Effects of Self Regulation on Older Adult's PA - (11540-KA04) $5,000
  Sponsor: USCRF/American College of Sports Medicine Foundation

Usdan, Stuart
* College of Impaired Driving Program - (11540-FA22) $42,072
  Sponsor: USCRF/University of Alabama/NIH
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

  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 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, Saundra
* 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)  
  **Sponsor:** Dorn Research Institute  
  $5,000

* GA: Lexington Medical Center - (11550-LP40)  
  **Sponsor:** Lexington Medical Center  
  $2,000

* GA: Lexington Medical Center - (11550-LP45)  
  **Sponsor:** Lexington Medical Center  
  $2,800

* GA: Lexington Medical Center - (11550-LP46)  
  **Sponsor:** Palmetto Health Richland  
  $3,950

* GA: Lexington Medical Center - (11550-LP48)  
  **Sponsor:** Lexington Medical Center  
  $1,500

* GA: Palmetto Health - (11550-LP39)  
  **Sponsor:** Palmetto Health Richland  
  $3,012

* GA: Palmetto Health - (11550-LP42)  
  **Sponsor:** Palmetto Health Richland  
  $6,528

* GA: Palmetto Health Richland Memorial Hospital - (11550-LP49)  
  **Sponsor:** Palmetto Health Richland  
  $4,000

* GA: Providence Hospital - Sisters of Charity - (11550-LP47)  
  **Sponsor:** Providence Hospital  
  $4,000

* GA: SC Campaign to Prevent Pregnancy - (11550-KP13)  
  **Sponsor:** SC Campaign to Prevent Pregnancy  
  $1,170

* GA: SC Campaign to Prevent Teen Pregnancy - (11550-KP11)  
  **Sponsor:** SC Campaign to Prevent Teen Pregnancy  
  $1,998

* GA: Sisters of Charity Providence Hospitals - (11550-LP50)  
  **Sponsor:** Sisters of Charity Providence Hospital  
  $1,000

McTigue, James

* GA(1): Palmetto Health - (11550-LP38)  
  **Sponsor:** Palmetto Health Alliance  
  $2,000

* GA: Blue CrossBlue Shield of SC - (11550-JP23)  
  **Sponsor:** Blue Cross Blue Shield of SC  
  $2,500
Health Services Policy & Management
* GA: Carolina Care Plan, Inc. - (11550-KP08)
  Sponsor: Carolina Care Plan, Inc.  $4,000

* GA: Companion HealthCare - (11550-JP24)
  Sponsor: Companion HealthCare  $5,000

* GA: Palmetto Health Richland - (11550-LP43)
  Sponsor: Palmetto Health Richland  $3,000

* GA: SC Campaign to Prevent Teen Pregnancy - (11550-KP09)
  Sponsor: SC Campaign to Prevent Teen Pregnancy  $2,400

* GA: South Carolina Autism Society - (11550-KP14)
  Sponsor: SC Autism Society  $2,000

Probst, Janice
* GA: Baromedical Research Foundation - (11550-KP10)
  Sponsor: Baromedical Research Foundation  $4,182

* GA: Lexington Medical Center - (11550-LP41)
  Sponsor: Lexington Medical Center  $5,000

* GA: Office of Rural Health - (11550-GP08)
  Sponsor: Office of Rural Health  $6,000

* GA: Palmetto Health - (11550-LP35)
  Sponsor: Palmetto Health Alliance  $2,550

* GA: Richland Care - (11550-LP37)
  Sponsor: Richland Care Palmetto Health  $3,000

* Rural African-American Research Center - (11550-FA00)
  Sponsor: Health Resources & Services Administration (HRSA)/HHS  $746,680

Stoskopf, Carleen
* Evaluation of Community Access Program, Palmetto Richland - (11550-FA05)
  Sponsor: Palmetto Health Alliance/HRSA/HHS  $50,000

* GA: SCDHEC - (11550-GP07)
  Sponsor: SC Department of Health & Environmental Control  $10,062

Xirasagar, Sudha
  Sponsor: Michael E. Samuels  $3,750
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)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA

  **Amount:** $30,000

Allen, Wendy
* North Inlet - Winyah Bay NERR - (21600-FA65)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA

  **Amount:** $555,000

Beseres, Jennifer
* Regulation of Macrobenthos by Juvenile White Shrimp, Litopenaeus setiferus, in Southeastern Salt Marshes - (21600-FA47)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA/DOC

  **Amount:** $20,000

Bushek, David
* Aquatic Nuisance Species Task Force - Using the National Estuarine Research Reserve - (21600-FA30)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA/DOC

  **Amount:** $10,000

Fletcher, Madilyn
* Carolina Coastal Ocean Observing and Predicting System(Caro-COOPS) - (21600-FA28)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA/DOC

  **Amount:** $2,411,900

* LTREB: Long Term Studies of Salt Marsh Primary Production - (21600-FA53)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA/DOC

  **Amount:** $120,000

* SEA-COOS Initial Implementation - (21600-FA35)
  
  **Sponsor:** USC/University of North Carolina-Wilmington/NOAA/DOC

  **Amount:** $838,000

Kulkarni, Nitin
* Relationship of Phytoplankton-Dimethylsulfoniopropionate (DMSP) to Community Structure in a Salt Marsh Tidal Creek - (21600-FA13)
  
  **Sponsor:** Slocum-Lunz Foundation

  **Amount:** $1,173

Lewitus, Alan
* A Proposed Harmful Algal Bloom Initiative for South Carolina - (21600-FA39)
  
  **Sponsor:** SC Departmental Resources/NOAA

  **Amount:** $156,435

* Expanding existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxins - (21600-FA59)
  
  **Sponsor:** SC Departmental Resources/NOAA

  **Amount:** $124,632
Baruch Institute
* The Effectiveness of Vegetative Buffers in Reducing Nonpoint Source Pollution in Stormwater Detention Ponds - (21600-FA63)
  Sponsor: SC Sea Grant Consortium/NOAA/DOC
  $66,083

* Urbanization and Southeastern Estuarine Systems (USES) - (21600-FA54)
  Sponsor: SC Sea Grant Consortium/NOAA
  $59,688

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

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

White, David
* CICEET: Advanced Laser Fluorescence (ALF) Technology for Estuarine and Coastal Environmental Biomonitoring - (21600-FA60)
  Sponsor: USCRF/Hampton University/NOAA
  $10,000

* Stormwater Monitoring - Supplement to USES - (21600-FA61)
  Sponsor: SC Department of Health & Environment Control/OCRM/NOAA
  $20,000

Biological Sciences
Benner, Ronald
* Collaborative Research: Biogeochemical Cycling of Particulate and Dissolved Organic Matter in the Artic Ocean Using Molecular Markers - (13010-FA27)
  Sponsor: USCRF/National Science Foundation
  $131,647

* Evolution of Hydrogen-Based Microbial Communities in Deep Hydrothermal Aquifers - (13010-FA61)
  Sponsor: USCRF/National Science Foundation (NSF) - General
  Co-PI: Chapelle, Frank
  $100,030

Berger, Franklin
* Center for Colon Cancer Research - (13130-FA07)
  Sponsor: USCRF/National Center for Research Resources (NCRR)/NIH
  $72,750

* Center for Colon Cancer Research - (13130-FA09)
  Sponsor: USCRF/National Center for Research Resources (NCRR)/NIH
  $478,768

* Center for Colon Cancer Research/Administrative Core - (13130-FA00)
  Sponsor: USCRF/National Center for Research Resources (NCRR)/NIH
  $932,061
Biological Sciences

* COBRE: Physical Activity, Energy Balance, and Colon Cancer Risk - (13010-FA30)  
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  
  **Amount:** $154,835

* Genetics of the Hepatic Acute Phase Response - (13010-FA30)  
  **Sponsor:** USCRF/Health Research, Inc./NIH  
  **Amount:** $100,274

* Thymidylate Synthase and Fluorodeoxyuridine Resistance - (13010-FA39)  
  **Sponsor:** USCRF/National Cancer Institute(NCI)/NIH  
  **Amount:** $222,685

Berke, Sarah

* Fitness Impacts of Decorating Behavior: A Model and Experimental Tests - (21600-KA12)  
  **Sponsor:** Slocum-Lunz Foundation  
  **Amount:** $1,200

Connolly, Erin

* Functional Analysis of the Arabidopsis Nicotianamine Synthase - (13010-FA54)  
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  
  **Amount:** $23,294
  **Co-PI:** Krueger, Judy

Dean, John

* Graduate Fellowship for Paola Calle Delgado - (21600-FA50)  
  **Sponsor:** SC Sea Grant/NOAA  
  **Amount:** $12,000

Dewey, Michael

* A Genetic Stock Center for Peromyscus - (13010-FA28)  
  **Sponsor:** National Science Foundation (NSF) - General  
  **Amount:** $151,827

* Peromyscus Genome Project: Development of a Core Research Group - (13010-FA59)  
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  
  **Amount:** $46,000

* Peromyscus Laboratory Models for Biomedical Research - (13010-FA59)  
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  
  **Amount:** $180,004

* Peromyscus Models for Biomedical Research - (13010-FA70)  
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  
  **Amount:** $40,000

Ely, Berten

* Alfred P. Sloan Foundation Recruiting Support - (13010-KJ00)  
  **Sponsor:** Alfred P. Sloan Foundation  
  **Amount:** $4,000

* Molecular Genetics of Fish Populations - (13010-FA60)  
  **Sponsor:** SC Sea Grant Consortium/NOAA  
  **Co-PI:** Quattro, Joseph  
  **Amount:** $202,946

* REU Site: Undergraduate Research in Integrative Evolutionary Biology - (21600-FA50)  
  **Sponsor:** National Science Foundation (NSF) - General  
  **Amount:** $13,250
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<td>* Science Laboratory - (13010-FL02)</td>
<td>USCRF/National Center for Research Resources/NIH</td>
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<td>* Alcohol Metabolism Genes in Transgenic Mice - (13010-FA44)</td>
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<td>* Control of Saltmarsh Cordgrass by Blue Crab Predation on Periwinkle Snails: An Immunological Gut Check - (21600-FA62)</td>
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<td>* Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology - (13010-FA66)</td>
<td>USCRF/National Aeronautics &amp; Space Administration (NASA) - General</td>
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<td>* Climate Change and Latitudinal Patterns of Body Temperature in Rocky Intertidal Invertebrates - (13010-FA57)</td>
<td>USCRF/National Science Foundation (NSF) - General</td>
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<td>* Expanding the Rising Tide Project: Changing How Researchers, Educators, and Students Work Together - (21600-FA66)</td>
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<td>* Evolution of Immune Recognition and Evasion - (13010-FA52)</td>
<td>USCRF/National Institute of General Medical Sciences (NIGMS)/NIH</td>
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<td>* Gene Duplication and Genome Evolution - (13010-FA38)</td>
<td>USCRF/National Institute of General Medical Sciences (NIGMS)/NIH</td>
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<td>* Consumption of Haloorganic Pollutants by Spartina Alterniflora - (13010-FA69)</td>
<td>SC Sea Grant Consortium/NOAA/DOC</td>
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<td>* Plant Beds and Constructed Wetland for Phytoremediation of Storm Water Runoff - (13010-KA06)</td>
<td>School of the Environment/USC Educational Foundation</td>
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<td>* Coastal Wetland Indicators - (21600-FA41)</td>
<td>USCRF/University of North Carolina/EPA</td>
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Biological Sciences

* Distribution of Carbon Isotopes in Forest Ecosystems within the Chernobyl Exclusion Zone - (10060-KA04)
  **Sponsor:** USCRF/US Civilian Research & Development Foundation  $8,864

* LTER: Plum Island Sound Comparative Ecosystem Study - (21600-F107)
  **Sponsor:** Marine Biological Laboratory/NSF  $69,530

* Plum Island Ecosystems LTER - (21600-FA67)
  **Sponsor:** Marine Biological Laboratory/NSF  $30,000

Mousseau, Timothy

* Collaborative Research: Reproductive Behavior and Immune Disease -
  **Sponsor:** USCRF/National Science Foundation (NSF) - General  $6,000

* Control of Muscle Histolysis - (13010-GA02)
  **Sponsor:** South Carolina Research Authority  $35,060

* Estimation of Radioactive Contamination of Birds in the Chernobyl Exclusion Zone - (10060-KA03)
  **Sponsor:** USCRF/US Civilian Research & Development Foundation  $6,000

* Herpetofaunal Survey of the Yawkey Wildlife Center - (10060-KA02)
  **Sponsor:** USCRF/Yawkey Foundation  $17,500

* The Adaptive Significance of Phenotypic Plasticity and Reaction Norm Evolution in a Natural System - (13010-FA05)
  **Sponsor:** National Science Foundation (NSF) - General  $22,000

* The Development of Smart Radio Telemetry for Monitoring and Conservation of Terrestrial and Aquatic Animals - (13010-FL04)
  **Sponsor:** USCRF/National Fish & Wildlife/DOI  $5,930

* Yawkey Wildlife Center Herpetological Survey - (13010-FL03)
  **Sponsor:** USCRF/National Fish & Wildlife/DOI  $6,105

Pena, Maria Majorette

* COBRE: Mouse Core Facility - (13130-FA05)
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  $205,062

Quattro, Joseph

* A "Curated" DNA Database for Managed Marine Species - (21600-GA05)
  **Sponsor:** SC Sea Grant Consortium  $50,000
Biological Sciences

* Assessing Hybridization Among Native and Introduced Black Bass Species in the Upper Savannah River Reservoirs, S.C. - (21600-GA04)
  **Sponsor:** SC Department of Natural Resources
  **Funding:** $40,000

* Population Genetic and Genomic Approaches to Assessing Coastal Environmental Health - (13010-FA64)
  **Sponsor:** Medical University of South Carolina/NOS/NOAA
  **Funding:** $43,069

* Zoogeography of the Centrachidae of the South Atlantic Slope - (13010-GA00)
  **Sponsor:** SC Department of Natural Resources
  **Funding:** $10,000

Raguso, Robert

* Fragrance Complexity in Night-Blooming Flowers: Convergent Evolution or Character Displacement - (13010-KA07)
  **Sponsor:** National Geographic Society
  **Funding:** $24,000

* Patterns and Consequences of Fragrance Variation in Oenothera esposita - (13010-FA56)
  **Sponsor:** USCRF/National Science Foundation (NSF) - General
  **Funding:** $524,376

* The Pre-Invention of Flowers by Splachnaceae Mosses - (13010-FA68)
  **Sponsor:** EPSCoR/SC Research Authority
  **Funding:** $4,730

* The Pre-Invention of Flowers by Splachnaceae Mosses: Odor-Driven Shifts in Spore Dispersal by Flies - (13010-FA62)
  **Sponsor:** BRIN/EPSCoR/NIH
  **Funding:** $33,042

Reichert, Marcel

* Aquatic Habitats Restoration Project - Phase II - (13010-GA01)
  **Sponsor:** SC Army National Guard
  **Funding:** $24,013

* IOU Larval/Juvenile Fish Survey: Larval and Juvenile Fish of Bottomland Hardwood Floodplains in the Savannah River Site (SC) - (21600-FA19)
  **Sponsor:** USCRF/University of Georgia/DOE
  **Co-PI:** Dean, John
  **Funding:** $74,000

Reisman, David

* Transcriptional Regulation of the p53 Tumor Suppressor - (13010-FA65)
  **Sponsor:** UCRF/National Center for Research Resources/NIH
  **Funding:** $24,889

Sawyer, Roger

* Science and Mathematics Professional Development Program - (13000-FL02)
  **Sponsor:** SC Commission on Higher Education/USDE
  **Funding:** $185,000
<table>
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<td>Biological Sciences</td>
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| * 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/tBRI1 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)
  - **Sponsor:** USCRF/National Aeronautics & Space Administration (NASA) - General
  - **Amount:** $252,129

- *Recombination in Higher Eukaryotes* - (13010-FA19)
  - **Sponsor:** USCRF/National Institute of General Medical Sciences (NIGMS)/NIH
  - **Amount:** $195,075

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

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**Chemistry & Biochemistry**

**Adams, Richard**
- *Journal of Organometallic Chemistry* - (13020-J401)
  - **Sponsor:** Elsevier Science, Inc.
  - **Amount:** $5,000

- *Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic Synergism and Interface Activity* - (13020-F195)
  - **Sponsor:** US Department of Energy (DOE) - General
  - **Amount:** $95,000

- *Sulfides and Disulfides of Di- and Polymetallic Carbonyl Complexes: Precursors to Nano-Catalysts and Nano-Structured Materials* - (13020-FA67)
  - **Sponsor:** USCRF/National Science Foundation (NSF) - General
  - **Amount:** $132,000

**Angel, S. Michael**
- *An Investigation of Enhanced Laser-Induced Spark Emission and Material Ablation Following Sequential Laser Pulse Excitation* - (13020-FA49)
  - **Sponsor:** USCRF/National Science Foundation (NSF) - General
  - **Amount:** $330,000

- *Collaborative Research: Combining Video Plankton Recorder Imaging with Laser Induced Breakdown Spectroscopy to Identify Plankton and Seston.* - (13020-FA62)
  - **Sponsor:** USCRF/National Science Foundation (NSF) - General
  - **Amount:** $30,000

- *Collaborative Research: Oceanic Application of Laser Induced Breakdown Spectroscopy* - (13020-FA61)
  - **Sponsor:** USCRF/National Science Foundation (NSF) - General
  - **Amount:** $75,000

**Baynes, John**
- *8th International Symposium on the Maillard Reaction* - (13020-FL01)
  - **Sponsor:** USCRF/National Institute on Aging (NIA)/HHS
  - **Amount:** $25,000

- *Glycation of Protein in Diabetes* - (13020-FA26)
  - **Sponsor:** USCRF/National Institute of Diabetes, Digestive, & Kidney Disease (NIDDK)/NIH
  - **Amount:** $325,125
Chemistry & Biochemistry

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

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

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

**Berg, Mark**

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

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

**Bryson, Thomas**

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

**Chen, Donna**

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

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

**Dawson, John**

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

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

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

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

Dunlap, R. Bruce
* Biomedical Research Infrastructure Network BRIN Training & Mentoring Core - (22050-FA01)  
  **Sponsor:** USCRF/National Center for Research Resources (NCRR)/NIH  
  **Amount:** $768

Ferry, John
* Developing South Carolina's Ability to Write Center-Level Environmental Proposals: An Expert Seminar - (13020-GA06)  
  **Sponsor:** SC Research Authority/EPSCoR  
  **Amount:** $10,000

* ECOHAB: Chemical Degradation Pathways for the Attenuation of Marine Biotoxins - (13020-FA51)  
  **Sponsor:** USCRF/Environmental Protection Agency (EPA) - General  
  **Amount:** $404,403

Kistler, W. Stephen
* Role of Specific Proteins in Spermatogenesis - (13020-FA55)  
  **Sponsor:** USCRF/National Institute of child Health & Human Development (NICHD)/NIH  
  **Co-PI:** Kistler, Malathi  
  **Amount:** $282,353

Lavigne, John
* Controlling Molecular Orientation: Directed Self-Assembly of Functionalized Oligomeric Thiophenes Using Small Molecules - (13020-KA08)  
  **Sponsor:** USCRF/Research Corporation  
  **Amount:** $35,000

* Pathogen Sensing with Novel Polyaryleneethylenes - (13020-FA58)  
  **Sponsor:** USCRF/Georgia Institute of Technology/NIH  
  **Co-PI:** Baynes, John  
  **Amount:** $52,105

Lebioda, Lukasz
* Crystallization of APC4542 and Generation of Lysozyme Crystals With Variable Mosaicity - (13020-FA59)  
  **Sponsor:** USCRF/University of Virginia/NIH  
  **Amount:** $12,138

* Regulatory Role of Antegumenta in Organ Initiation and Growth - (13020-FA64)  
  **Sponsor:** USCRF/Department of Energy (DOE) - General  
  **Amount:** $10,000

* Structure and Mechanism of C1pB from E. Coli (Fellowship Award) -  
  **Sponsor:** National Institute of General Medical Sciences  
  **Co-PI:** Bell, Brittnaire  
  **Amount:** $28,489

Morgan, Stephen
* Analysis of Fiber Dyes by Raman Spectroscopy - (13020-FA31)  
  **Sponsor:** USCRF/Federal Bureau of Investigation/DOJ  
  **Amount:** $159,198

* Capillary Electrophoresis Analysis of Fiber Dyes - (13020-FA56)  
  **Sponsor:** USCRF/Federal Bureau of Investigation  
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<td>* REU Site: Undergraduate Research in Nanoscience - (22040-FA15)</td>
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<td>* Cytotoxicity of Nanoparticles - (13020-FA50)</td>
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<td>* CNT Size Effects on Polymer Composite Properties - (13020-FA38)</td>
<td>USCRF/National Aeronautics &amp; Space Administration (NASA)</td>
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<td>* Quantification of Infrared Reflection Absorption Spectroscopy (IRAS) Cross Sections of Micron-Sized Dielectric Particles on Metal Surfaces for Multivariate Optical Computing Applications - (13020-FA69)</td>
<td>USCRF/US Army Robert Morris ACQ CTR/DOD</td>
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<td>* Subcontract Proposal to Foster Miller Inc. for inclusion in &quot;Innovative Lubricant Modeling Using Optical Computing - (13020-FA66)</td>
<td>USCRF/Foster-Miller/ONR</td>
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<td>* Multidimensional Semiclassical Dynamics with Quantum Trajectories -</td>
<td>USCRF/American Chemical Society</td>
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<td>* BRIN Project 1 - (13020-FA53)</td>
<td>USCRF/National Center for Research Resources (NCRR)/NIH</td>
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<td>* EPSCoR Minority Graduate Research Assistant - (13020-GA05)</td>
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<td>* Development of a Pump Array for the Two Dimensional Mapping of Chemical Constituents in the Upper Water Column - (13020-FA52)</td>
<td>USCRF/National Science Foundation (NSF) - General</td>
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<td>* Conformationally Programmable Molecular Receptors - (13020-FA46)</td>
<td>USCRF/National Science Foundation (NSF) - General</td>
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<td>* New Strategies for Improved Imprinted Polymers - (13020-FA05)</td>
<td>National Institute of General Medical Science/NIH</td>
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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/Macrovacular Disease in Type 1 Diabetes - (13020-KA06) $40,988
  
  **Sponsor:** USCRF/MUSC/Juvenile Diabetes Foundation

Wang, Qian

* MURI: Bio-Directed Hierarchical Assembly of Multifundtional 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 Aircrafted 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)  
  **Sponsor:** USCRF/National Aeronautics & Space Administration (NASA)  
  **Cost:** $50,000

**Moore, Willard**

* LUCES: Role of Groundwater in the Biogeochemical Cycles of Carbon, Nitrogen and Phosphorous in SC and GA Water - (13040-FA61)  
  **Sponsor:** SC Sea Grant Consortium/NOAA  
  **Cost:** $44,751

**Owens, Thomas**

* IRIS Fissures Development Center - (13040-FA23)  
  **Sponsor:** USCRF/IRIS/NSF  
  **Cost:** $60,019

* ITR: Collaborative Research: Enhancing Education through Seamless Access to Seismological Data - (13040-FA59)  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General  
  **Cost:** $96,906

* Receiver Reference Models: A Prototype for Automated Production of EarthScope/USArray Data Products - (13040-FA70)  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General  
  **Co-PI:** Crotwell, Henry  
  **Cost:** $74,559

**Prokopenko, Alexander**

* Collaborative Research: Holocene Climatic Changes in the Mongolian Plateau - (13040-FA76)  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General  
  **Cost:** $98,430

* 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)  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General  
  **Co-PI:** Williams, Douglas  
  **Cost:** $291,355

**Talwani, Pradeep**

* Cooperative Central and Southeast US Integrated Seismic Network-USC - (13040-FA72)  
  **Sponsor:** USCRF/US Geological Survey/DOI  
  **Cost:** $68,000

* Paleoseismological Studies in the Charleston, South Carolina Region -  
  **Sponsor:** USCRF/US Geological Survey  
  **Cost:** $55,000

* South Carolina Seismic Monitoring Network - (13040-FA45)  
  **Sponsor:** SC Universities Research and Education Foundation (SCUREF)/WSRC/DOE  
  **Cost:** $106,000

**Thunell, Robert**

* An Assessment of Global Organic Carbon Flux Along Continental Margins - (13040-FA22)  
  **Sponsor:** USCRF/National Aeronautics & Space Administration (NASA)  
  **Cost:** $51,376
## Geological Sciences

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<td>* Collaborative Research: The Cariaco Basin Oceanographic Time Series Program - (13040-FA58)</td>
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<td>* Collaborative Research: The Cariaco Basin Oceanographic Time Series Program - (13040-FA58)</td>
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<td>* Decadal to Century-Scale Climate Variability during the Holocene: Paired Mg/Ca and Oxygen Isotope Records from Cariaco and Santa Babara Basins - (13040-FA71)</td>
<td>USCRF/National Science Foundation (NSF) - General</td>
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**Torres, Raymond**

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<td>* Coastal Wetland Indicators - (13040-FA15)</td>
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**Voulgaris, George**

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<td>* CORMP 2003-2004: Particle Size Characterization of the Cape Fear Plume - (13040-FA60)</td>
<td>USCRF/UNC at Wilmington/NOAA</td>
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<td>* Shelf Circulation, Wave Propagation &amp; Sediment Transport in Long Bay, SC: Measurements &amp; Modeling - (13040-FA64)</td>
<td>SCSGC/US Geological Survey/DOI</td>
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<td>* Towards Quantifying Coastal Erosion in SC: Offshore Shoals as Sediment Sinks and Controls for Shoreline Change - (13040-FA78)</td>
<td>SC Sea Grant Consortium/NOAA</td>
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**White, Scott**

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<td>* Collaborative Research: Hydrothermal System Response to Magma Supply and Crustal Thickness Gradients Along the Galapagos Spreading Center, 89.5-94W - (13040-FA77)</td>
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**Williams, Douglas**

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<td>* The Arctic and Global Change: Informal Science Education Opportunities - (12010-FA01)</td>
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**Geological Sciences**

**Wilson, Alicia**

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

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

**Yogodzinski, Gene**

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

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

**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 -  
**Sponsor:** USCRF/The Nature Conservancy/USAID  
**Amount:** $15,000

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

**Mathematics**

**Brenner, Susanne**

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

**DeVore, Ronald**

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

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

* Mathematical Analysis for Data and Image Processing - (13060-FA03)  
**Sponsor:** USCRF/Army Research Office/DOD  
**Amount:** $70,000
Mathematics
* Mathematical Analysis for Date and Image Processing in an Integrated Computational Environment - (13060-FQ01)
  
  **Sponsor:** USCRF/Department of the Army/DOD

  $71,235

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

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

  **Co-PI:** Sharpley, Robert

  $224,999

* State Match (Year Two Funding) for 13060-FA08 - (13060-GA03)

  **Sponsor:** SC EPSCoR Program

  $49,215

Griggs, Jerrold
* Combinatorics with Applications - (13060-FA13)

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

  **Co-PI:** Szekely, Laszlo

  $184,713

Oskolkov, Konstantin
* Harmonic, Number-Theoretic, and PDE Analysis of Talbot's Phenomenon - (13060-FA16)

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

  $88,621

Temlyakov, Vladimir
* Greedy Approximation - (13060-FA06)

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

  $35,501

Trifonov, Ognian
* Lattice Points, the Gauss Circle, the Riemann Zeta-Function - (13060-FA10)

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

  $49,076

Physics & Astronomy
Aharonov, Yakir
* Quantum Coherence - (13070-FA16)

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

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

  $27,099

Avignone, Frank
* Next Generation Neutrinoless Double Beta Decay Experiments
  
  **Sponsor:** USCRF/National Science Foundation (NSF) - General

  $218,118

Blanpied, Gary
* Pilot Course for Physical Science Companion - (13070-GJ00)

  **Sponsor:** SC Department of Education

  $25,816

* Simulation of the Use of Cosmic Rays for Radiography - (13070-FA33)

  **Sponsor:** USCRF/Los Alamos National Lab/DOE

  $40,000
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

* Image and Database System Development and Management Contract - (13070-JA00)  
  **Sponsor:** SC Ethics Commission  
  **Cost:** $2,500

* Maintenance, Upgrades, and Fixes for Geologic Computer Systems - (13070-JA00)  
  **Sponsor:** USCRF/Tramontane, Inc.  
  **Cost:** $11,320

* New Metrics for Characterizing and Predicting Network Behavior - (13070-FA44)  
  **Sponsor:** USCRF/Air Force Research Laboratory/DOD  
  **Cost:** $1,931,966

* Support Contract for the IRIS System - (13070-GA07)  
  **Sponsor:** SC Emergency Management Division  
  **Cost:** $2,400

* Support for Critical Infrastructure Protection Center (CIPC) - (13070-FA41)  
  **Sponsor:** USCRF/Space and Naval Warfare Systems Center  
  **Cost:** $99,850

* Support of the Fire Fighter Mobilization System - (13070-GA09)  
  **Sponsor:** SC Department of Labor, Licensing & Regulation  
  **Cost:** $3,600

* VPN/GIS Enhancements to Unocal BioStrat Portal - (13070-JA01)  
  **Sponsor:** USCRF/Tramontane, Inc.  
  **Cost:** $70,000

Kulkarni, Varsha

* Zinc Abundances in Damped Ly-alpha Systems at z<0.5: A Missing Link in the Chemical History of Galaxies - (13070-FA29)  
  **Sponsor:** USCRF/Space Telescope Science Institute/NASA  
  **Cost:** $51,418

Kunchur, Milind

* Transport Behavior of Superconductors at High Dissipative Currents - (13070-FA34)  
  **Sponsor:** US Department of Energy (DOE) - General  
  **Cost:** $86,162

Lacey, Christina

* An X-ray Search for Extragalactic Supernova Remnants in the Nearby Sculptor Group Galaxies NGC 300 and NGC 7793 - (13070-FA37)  
  **Sponsor:** USCRF/Smithsonian Astrophysical Observatory/NASA  
  **Cost:** $9,842

* Prompt Chandra Observations of Nearby Supernovae - (13070-FA36)  
  **Sponsor:** USCRF/Smithsonian Astrophysical Observatory/NASA  
  **Cost:** $3,999

Mishra, Sanjib

* Guest Scientist - (13070-FA34)  
  **Sponsor:** USCRF/FermiLab/DOE  
  **Cost:** $20,000
**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)  
  **Sponsor:** SC Department of Education/USDE  
  **Amount:** $12,000

* **Mathematics & Science Unit Coaching Initiative** - (17110-GL18)  
  **Sponsor:** SC Department of Education  
  **Amount:** $27,400

* **Mathematics and Science Unit Coaching Initiative** - (17110-GL17)  
  **Sponsor:** SC Department of Education  
  **Amount:** $5,000

* **Professional Development Institute (PDI) for Exemplary Use of Math and Science Instructional Materials** - (17110-GL21)  
  **Sponsor:** SC Department of Education  
  **Amount:** $25,030

**Cubbedge, Frankie**

* **DOE Public Documents Reading Room** - (17110-F407)  
  **Sponsor:** Savannah River Operations/DOE  
  **Amount:** $42,006

**DeLaughter, Jerry**

* **Public Building Solar Initiative** - (17110-FQ00)  
  **Sponsor:** SC Energy Office/SCB&CB/DOE  
  **Amount:** $25,000

**Dyer, Andrew**

* **The Ecology and Population Biology of Chufa, Cyperus Esculentusativus** - (17110-KA02)  
  **Sponsor:** National Wild Turkey Federation  
  **Amount:** $31,423

**Gregg, Paula**

* **Improving Middle School Math Teacher’s Content Knowledge** - (17110-FJ02)  
  **Sponsor:** SC Commission on Higher Education/SC Dept. of Education/USDE  
  **Amount:** $124,956

**Hallman, Thomas**

* **Aiken Cardiac Enhancement Program** - (17110-J408)  
  **Sponsor:** Aiken Regional Medical Center  
  **Amount:** $33,464

**Hanlin, Hugh**

* **Response of Herpetofauna to Carolina Bay Restoration** - (17110-FA15)  
  **Sponsor:** USCRF/Forest Service-Savannah River/USDA  
  **Amount:** $36,108

**Johnson, Gwen**

* **GEARUP - State Portion** - (17110-GL16)  
  **Sponsor:** SC Commission on Higher Education  
  **Amount:** $40,316

* **GEARUP-Federal Portion** - (17110-FL20)  
  **Sponsor:** SC Commission on Higher Education/USDE  
  **Amount:** $89,031

**Mack, Stanley T.**

* **About Plays and Playwriting: A Jon Tuttle Residency at USCA** - (17110-FL23)  
  **Sponsor:** The Humanities Council/NEH  
  **Amount:** $1,004
Pirkle, William

* SCUREF/DOE/SRS Joint Faculty Appointment for USC-Aiken - (17110-FA05) $14,700

**Sponsor:** SC Universities Research & Education Foundation/WSRC/DOE
USC Aiken
* Undergraduate Research Program: A Collaborative Effort between the SRS and USC Aiken - (17110-FA06)  
  Sponsor: SC Universities Research & Education Foundation/DOE  
  $69,971

Priest, Jeffrey
* 2004 Advanced Placement Teacher Institute - Follow-Up - (17110-GL20)  
  Sponsor: SC Department of Education  
  $4,506

* 2004 Advanced Placement Teacher Institutes - (17110-GL19)  
  Sponsor: SC Department of Education  
  $42,894

* Aiken County Public School System/Science Center Affiliation - (17110-H403)  
  Sponsor: Aiken County School System  
  $50,000

* Center of Excellence in Advancing Rural, Under-Performing Schools (CEARUPS) - (17110-GL15)  
  Sponsor: SC Commission on Higher Education  
  $150,732

* Evaluation of the Savannah River Ecology Laboratory Environmental Education Program - (17110-KA04)  
  Sponsor: USCRF/The Christensen Fund  
  $20,000

* NRSMEEP/Audubon Partnership - (17110-KL00)  
  Sponsor: USCRF/Audubon Partnership  
  $23,400

* Under-represented Populations Learning in Nature's Kindergarten (UPLINK) - (17110-FL22)  
  Sponsor: USCRF/Environmental Protection Agency - General  
  $60,690

* USC Aiken/USC Salkehatchie/Aiken Tech Partnership to Prepare Paraprofessionals for Education Careers (PEC) - (17110-FL25)  
  Sponsor: SC Commission on Higher Education/SC Dept. of Education/USDE  
  $74,417

Smith, Garriet
* Collaborative Research: Origins and Spread of the Aspergillus-Gorgonian Coral Epizootic: Role of Climate and Environment Facilitators - (17110-FA14)  
  Sponsor: USCRF/National Science Foundation (NSF) - General  
  $162,073

Volforte, Jennie
* USC Aiken Comprehensive Alcohol Program - (17110-FL21)  
  Sponsor: SC Department of Alcohol & Other Drug Abuse Services/DOJ  
  $8,000

Weed, Keri
* Evaluation of Youth Violence Prevention Cooperative Agreement - (17110-FA12)  
  Sponsor: The Mental Health Association of Aiken County/NIH  
  $5,000
USC Aiken
* Precursors of Retardation in Children with Teen Mothers - (17110-F166) $41,000
  ** Sponsor:** University of Notre Dame/NICHD/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)
  Sponsor: USCRF/US Department of Education (USDE) - General
  $234,624

USC Salkehatchie
  Chavous, Warren
* Salkehatchie Summer Scholars 2004 Camp - (17660-KL12)
  Sponsor: USCRF/Gaylord & Dorothy Donnelley Foundation
  $26,000

  Ciez, Patrick
* Salkehatchie Region Outdoors - (17660-FL09)
  Sponsor: USCRF/US Forest Service/USDA
  $15,000

  Cox, Maxie
* Health Promotion and Risk Reduction in Special Populations-Sub of 11210-F100 - (11210-FA13)
  Sponsor: National Institute for Nursing Research (NINR)/NIH
  $14,386

  Refinetti, Roberto
* Homeostatic and Circadian Control of Energy Expenditure - (17660-FA01)
  Sponsor: USCRF/National Science Foundation (NSF) - General
  $182,984

  Rice, Anne
* Lowcountry Leadership - (17660-KL11)
  Sponsor: The Community Foundation, Inc.
  $4,000

  Thomas, Andrew
* Student Support Services - (17660-FL11)
  Sponsor: US Department of Education (USDE) - General
  $227,407

  * Student Support Services - Grant Aid - (17660-FL08)
  Sponsor: US Department of Education (USDE) - General
  $10,200

  * Student Support Services - Grant Aid - (17660-FL10)
  Sponsor: US Department of Education (USDE) - General
  $10,200

  * USC Salkehatchie's Student Support Services - (17660-FL07)
  Sponsor: US Department of Education (USDE) - General
  $227,407

Williams, Patricia
* Character Education Professional Development Teacher's Academy -
  Sponsor: SC Department of Education
  $39,612
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**: Carolina 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
Gorske, Jim
* Postsecondary Education Consortium - SOTAC - (17880-FL29)
  Sponsor: Greenville Tech/USDE  $7,000

Harris, Carmen
* Ford Foundation Fellowship - (17880-KA02)
  Sponsor: Carolina Piedmont Foundation/Ford Foundation  $34,000

Jackson, Peggy
* Burroughs Early Head Start Classroom - (17880-FL36)
  Sponsor: Spartanburg County First Steps/HHS  $84,331
* Burroughs Early Head Start Classroom - (17880-FL40)
  Sponsor: Spartanburg County First Steps/HHS  $5,000
* Family Day Care Homes - (17880-FL37)
  Sponsor: SC Department of Health & Human Services/USDA  $5,000
* Family Daycare Homes - (17880-FL25)
  Sponsor: SC Department of Social Services/HHS  $500

Jarratt-Hortis, Frances
* Liquid Logic: Creating Healthy Norm through Environmental Strategics - (17880-FA07)
  Sponsor: Greenville County/DOJ  $10,381

Krueger, Judy
* Functional Analysis of the Arabidopsis Nicotianamine Synthase - (17880-FA06)
  Sponsor: USCRF/National Center for Research Resources (NCRR)/NIH  $13,420

Love, Charles
* Adventure of the American Minds - (17880-FJ06)
  Sponsor: Carolina Piedmont Foundation/Library of Congress  $267,850

Matthews, Lou
* Project CREATE - (17880-FJ08)
  Sponsor: SC Commission on Higher Education/USDE  $94,328
* Teacher Cadet Grant - (17880-G206)
  Sponsor: SC Center for Teacher Recruitment  $3,020

Minsky, Ina
* Student Support Services - (17880-FL31)
  Sponsor: US Department of Education (USDE) - General  $227,406
### USC Upstate

- **Student Support Services - Grant Aid - (17880-FL32)**
  - **Sponsor:** US Department of Education (USDE) - General
  - **Funding:** $32,775

### Pae, Holly

- **Gaining Early Awareness and Readiness for Undergraduate Programs**
  - **Sponsor:** SC Commission on Higher Education/USDE
  - **Funding:** $88,861

### Rogers, Suzanne

- **Achieve Program (Union County Program) - (17880-FJ05)**
  - **Sponsor:** Spartanburg County/DOL
  - **Funding:** $175,342

- **USCS Achieve Program - (17880-FJ04)**
  - **Sponsor:** Spartanburg County/DOL
  - **Funding:** $263,000

- **USCS Achieve Program - (17880-FJ09)**
  - **Sponsor:** Spartanburg County/DOL
  - **Funding:** $458,885

### Romine, Ronald

- **American Humantics - (17880-KL04)**
  - **Sponsor:** Carolina Piedmont Foundation
  - **Funding:** $1,900

- **Center for Non-Profit Leadership - (17880-KL02)**
  - **Sponsor:** Carolina Piedmont Foundation
  - **Funding:** $4,500

### Stockwell, John

- **South Carolina Quality Forum - (17880-JL00)**
  - **Sponsor:** Carolina Piedmont Foundation/Various Sponsors
  - **Funding:** $113,935

### Turner, Jack

- **Dynamic of Lake Blalock - (17880-HA00)**
  - **Sponsor:** Spartanburg Water System
  - **Funding:** $7,850

- **Microbiobial Study - (17880-L101)**
  - **Sponsor:** Milliken & Company
  - **Funding:** $5,960

- **Watershed Ecology Center Education Program - (17880-KL00)**
  - **Sponsor:** Carolina Piedmont Foundation
  - **Funding:** $31,839
**USC Upstate**

Ulmer, M. B.
* The Upstate Contributes to Reforming a Nation: Reflections on Brown V. Board of Education after 50 Years - (17880-FL38)  
  **Sponsor:** The Humanities Council/NEH  
  **$4,000**

Young, Arlene
* USCS - AmeriCorp (Member Support Cost) - (17880-FL33)  
  **Sponsor:** SC Commission on National & Community Service/AmeriCorp  
  **$37,320**

* USCS AmeriCorp - Other Costs - (17880-FL34)  
  **Sponsor:** SC Department of Education/AmeriCorp  
  **$68,881**

**USC Sumter**

McLeod, Mac
* Opportunity Scholars - (17440-FL03)  
  **Sponsor:** US Department of Education (USDE) - General  
  **$227,407**

* Student Support Services - Grant-in-Aid - (17440-FL04)  
  **Sponsor:** US Department of Education (USDE) - General  
  **$32,775**

**USC Union**

Stokes, Tammy
* Student Support Services - (17770-FL02)  
  **Sponsor:** US Department of Education (USDE) - General  
  **$227,407**

* Student Support Services Program - (17770-FL03)  
  **Sponsor:** US Department of Education  
  **$227,407**

**Social Work, College of**

Families in Society, Institute for

Brown, Elsbeth
* Clover School District Bright Beginnings Even Start Program - (10010-GL05)  
  **Sponsor:** Clover School District/SC Department of Education  
  **$3,500**

* Office of the First Steps To School Readiness - (10010-GA03)  
  **Sponsor:** SC Department of Education  
  **$2,500**

* Renewal of the Catawba Indian Nation Head Start Contract - (10010-FL10)  
  **Sponsor:** USCRCF/Catawba Indian Nation/HHS  
  **$52,646**
Families in Society, Institute for

Flerx, Vicki

* Bullying Prevention Program Dissemination - (10010-LL00)
  Sponsor: Clemson University $14,574

* Domestic Violence Service in Rural Health Care Clinics - (10010-FA20)
  Sponsor: USCRF/University of Texas/CDC $299,820

* Psychological Maltreatment of Women - (10010-FA21)
  Sponsor: USCRF/Centers for Disease Control (CDC)/HHS $43,318

Floyd, Anita

* Treatment for the Homeless Project - (10010-JL00)
  Sponsor: USCRF/Tidwell & Associates, Inc. $5,000

Harris, Muriel

* HIV Needs Assessment of Primary Population: A Secondary Analysis -
  Sponsor: SC Department of Health & Environmental Control/HH $21,020

* Knowledge of HIV Risk and Attitudes toward HIV Testing Among Low Income Young Adult African American Population - (10010-FA24)
  Sponsor: USCRF/Alliances for Quality Education, Inc./CDC $34,646

Hess, Peg

* Children's Rights Services - (15900-KL07)
  Sponsor: USCRF/Children's Rights $16,000

Lopez-DeFede, Ana

* Evaluation, Technical Assistance and Consultation to the Medically Complex Populations - (10010-FA18)
  Sponsor: SC Department of Health & Human Services/HHS $1,461,191

* Rural Expansion of Medically Fragile Children's Program: Technical Assistance Subcontract with CHCS Grant - (10010-FA23)
  Sponsor: SC Department of Health & Human Services/HHS $118,950

* Tuberculosis and African American Communities in South Carolina: Role of Knowledge, Values and Belief Systems - (10010-FA15)
  Sponsor: SC Department of Health & Environmental Control/HHS $96,656

Luckey, Irene

* Design, Implementation and Evaluation of Proactive Grantmaking - (10010-K120)
  Sponsor: USCRF/Sisters of Charity $277,060
**Families in Society, Institute for**

**Motes, Patricia**
- *Disproportionate Minority Confinement* - (10010-FA19)
  
  **Sponsor:** SC Department of Public Safety/DOJ
  
  **Amount:** $73,903

- *Disproportionate Minority Confinement Project* - (10010-FA22)
  
  **Sponsor:** SC Department of Public Safety/DOJ
  
  **Amount:** $98,478

**Musick, Kristi**
- *Training in Early Childhood Solutions* - (18140-FL22)
  
  **Sponsor:** SC Department of Health & Environmental Control/USDE
  
  **Amount:** $498,689

**Social Work, College of**

**Andrews, Arlene**
- *Center for Family & Society* - (10010-K400)
  
  **Sponsor:** Nord Family Endowment Fund
  
  **Amount:** $50,000

  
  **Sponsor:** USCRF/Research Consortium on Children & Families
  
  **Amount:** $11,804

- *Evaluation Support for the SC Federation of Families* - (10010-GL07)
  
  **Sponsor:** Federation for Families of South Carolina
  
  **Amount:** $2,963

- *Technical Assistance: Mental Health Services to Children, Adolescents and Their Families - System of Care Development* - (10010-GL06)
  
  **Sponsor:** SC Department of Mental Health
  
  **Amount:** $26,796

**Bond, Pamela**
- *Casey Family Programs Consultation* - (15900-KL04)
  
  **Sponsor:** USCRF/Casey Family Program
  
  **Amount:** $37,742

- *Creating Child Welfare Professionals* - (15900-FJ09)
  
  **Sponsor:** Department of Health & Human Services (HHS) - General
  
  **Amount:** $74,999

- *DHEC HABLA Language Assistance Program* - (15900-GL04)
  
  **Sponsor:** SC Department of Health & Environmental Control
  
  **Amount:** $120,156

- *Social Work Training for DSS Staff and Agents* - (15900-FJ03)
  
  **Sponsor:** SC Department of Social Services/HHS
  
  **Amount:** $3,996,232

**Campbell, Wendy**
- *USC High School Equivalency Program (HEP)* - (15900-FJ07)
  
  **Sponsor:** US Department of Education (USDE) - General
  
  **Amount:** $400,000
Social Work, College of
DeHart, Dana
* Collaborative Response to Crime Victims in Urban Areas - (15900-FL19)
  Sponsor: USCRF/Maryland Crime Victims Resource Center, Inc./DOJ $49,980

* Ethics in Victim Services - (15900-FJ12)
  Sponsor: USCRF/Valor/DOJ $100,842

* Victim Services Professional Development - (15900-F428)
  Sponsor: Office of Justice Programs/DOJ $19,156

Flynn, Cynthia
* Evaluation of the SC Inter-Agency Deaf-Blind Project - (15900-FL17)
  Sponsor: SC School for the Deaf and Blind/USDE $27,053

Ginsberg, Leon
* An Integrated Study of Driving Cessation in Older Men with Dementia -
  Sponsor: The Gerontological Society of America $100,000

* Continuing Education in Psychosocial Effects of Bioterrorism and Other Public
  Health Emergencies for Social Workers - (15900-FJ10)
  Sponsor: Medical University of SC/SC AHEC/HHS $20,000

* GA: AID Upstate - (15900-KP75)
  Sponsor: AID Upstate $4,020

* GA: Asheville City Schools - (15900-LP28)
  Sponsor: Asheville City Schools $4,020

* GA: Bouknight Management Services - (15900-JP22)
  Sponsor: Bouknight Management Services, LLC $1,512

* GA: CareTeam, Inc. - (15900-KP76)
  Sponsor: CARETEAM, Inc. $4,020

* GA: Carolinas Healthcare System - (15900-LP27)
  Sponsor: Carolinas Healthcare System $4,305

* GA: Child Abuse Prevention Services, Inc. - (15900-LP32)
  Sponsor: Child Abuse Prevention Services, Inc. $4,032

* GA: Children Unlimited - (15900-KP72)
  Sponsor: Children Unlimited, Inc. $4,020
Social Work, College of

* GA: Family Service Center - (15900-KP83)
  Sponsor: Family Service Center
  $8,064

* GA: Florence Crittenton Services, Inc. - (15900-KP84)
  Sponsor: Florence Crittenton Programs
  $4,032

* GA: Florence Crittenton Services, Inc. - (15900-KP80)
  Sponsor: Florence Crittenton Services, Inc.
  $4,020

* GA: Gift of Life Trust Fund - (15900-KP82)
  Sponsor: Gift of Life Trust Fund
  $2,010

* GA: Gift of Life Trust Fund - (15900-LP36)
  Sponsor: Gift of Life Trust Fund
  $2,010

* GA: Horry County Schools - (15900-HP05)
  Sponsor: Horry County Schools
  $10,000

* GA: Kershaw Family Medicine Associates - (15900-LP35)
  Sponsor: Kershaw Family Medicine Associates
  $12,096

* GA: Kershaw Family Medicine Associates, LLC - (15900-LP26)
  Sponsor: USCRF/Kershaw Family Medicine Associates, LLC
  $16,000

* GA: Medical College of Georgia Health, Inc. - (15900-LP31)
  Sponsor: Medical College of Georgia Health, Inc.
  $3,000

* GA: New Foundations Children & Families Services, Inc. - (15900-KP71)
  $4,020

* GA: Research Associates - (15900-JP17)
  Sponsor: Research Associates
  $6,030

* GA: Research Associates - (15900-JP18)
  Sponsor: Research Associates
  $10,050

* GA: Research Associates - (15900-JP20)
  Sponsor: Research Associates
  $2,136

* GA: Research Associates - (15900-JP21)
  Sponsor: Research Associates
  $20,160

* GA: Richland School District Two - (15900-HP06)
  Sponsor: Richland School District Two
  $4,020
Social Work, College of

* GA: SC DHEC - (15900-GP16)
  **Sponsor:** SC Department of Health & Environmental Control
  **$5,715**

* GA: Senior Primary Care - (15900-KP81)
  **Sponsor:** Senior Primary Care
  **$4,020**

* GA: Senior Primary Care - (15900-LP30)
  **Sponsor:** Senior Primary Care Practice at Palmetto Richland
  **$10,040**

* GA: Senior Primary Care Practice - (15900-LP29)
  **Sponsor:** Senior Care Primary Practice
  **$4,020**

* GA: Special Olympics South Carolina - (15900-KP77)
  **Sponsor:** Special Olympics South Carolina
  **$4,020**

* GA: The Caring House - (15900-LP33)
  **Sponsor:** The Caring House/Palmetto Health Richland
  **$3,009**

* GA: The Caring House - (15900-LP34)
  **Sponsor:** The Caring House/Palmetto Health Richland
  **$4,520**

* GA: The Nurturing Center - (15900-KP79)
  **Sponsor:** The Nurturing Center
  **$12,000**

* GA: Trinity Housing Corporation - (15900-KP78)
  **Sponsor:** Trinity Housing Corporation
  **$4,020**

* GA: United Way of Greenville County - (15900-KP73)
  **Sponsor:** United Way of Greenville
  **$4,020**

  **Sponsor:** Van Laningham & Associates
  **$7,230**

* GA: Yahweh Center Children's Village - (15900-KP74)
  **Sponsor:** Yahweh Center Children's Village
  **$6,030**

* Quality Assurance in Long-Term Care Services - (15900-GL07)
  **Sponsor:** SC Department of Health & Human Services
  **$12,153**

* Quality Assurance Services for the Bureau of Long Term Services - (15900-FL16)
  **Sponsor:** SC Department of Health & Human Services/HHS
  **$244,271**

  **Sponsor:** Research Associates
  **$2,010**
Social Work, College of

* YouthNet - (15900-FL18) $111,329
  **Sponsor:** SC Department of Mental Health/SAMSHA/HHS

Paget, Kathleen

* Character Education in South Carolina: Consultation, Technical Assistance and Evaluation Plan - (15900-GA06) $43,754
  **Sponsor:** SC Department of Education

* Evaluation of Lexington Partners for Prevention - (15900-GL06) $24,678
  **Sponsor:** SC Department of Mental Health/SCDPS

* Richland School District One Program Evaluation Services - (15900-FL15) $48,467
  **Sponsor:** Richland County School District One/USDE

Philp, Joel

* Evaluation of Training Needs in SC's HIV Collaboratives - (15900-FJ08) $4,700
  **Sponsor:** Pee Dee Action Agency/DHEC/CDC

* Training HIV Prevention Staff in Evaluation - (15900-FJ11) $28,000
  **Sponsor:** SC Department of Health & Environmental Control/CDC

Tirrito, Terry

* SC Consortium of Geriatric Education Centers Grant - (15900-FL09) $3,240
  **Sponsor:** Medical University of South Carolina/NIH

Wright, Lois

* Elementary School Counseling Demonstration Program - (15900-FL03) $45,500
  **Sponsor:** Allendale County School District/USDE

Student Affairs, Division of

Student Health

Muellner, Juliette

* Sexual Health and Violence Prevention Technological Equipment Grant - $9,000
  **Sponsor:** SC Department of Public Safety/DOJ

Murphy, Michelle

* Meatless Monday Health Communications Scholars Grant - (71000-KL02) $5,000
  **Sponsor:** USCRF/Meatless Monday Campaign, Inc. Johns Hopkins University

Phaup, Tricia

* Grant to Reduce Violent Crimes Against Women on Campus - (71000-FL04) $297,154
  **Sponsor:** USCRF/US Department of Justice
Student Life

Brewer, Jerry
* Strom Thurmond Fitness and Wellness Center - (46300-FL19)
  **Sponsor:** US Department of Education (USDE) - General
  **Amount:** $3,586,127

* Strom Thurmond Fitness and Wellness Center - (46300-FL20)
  **Sponsor:** US Department of Education (USDE) - General
  **Amount:** $476,788

* Strom Thurmond Fitness and Wellness Center - (46300-FL21)
  **Sponsor:** US Department of Education (USDE) - General
  **Amount:** $35,977

* Strom Thurmond Fitness and Wellness Center - (46300-FL22)
  **Sponsor:** US Department of Education (USDE) - General
  **Amount:** $187,423

* Strom Thurmond Fitness and Wellness Center - (46300-FL23)
  **Sponsor:** US Department of Education (USDE) - General
  **Amount:** $251,735

* Strom Thurmond Fitness and Wellness Center - (46300-FL24)
  **Sponsor:** US Department of Education (USDE) - General
  **Amount:** $432,450

Carr, Carmella
* Reducing Underage Drinking at USC through Social Marketing Enforcement - (46300-FL18)
  **Sponsor:** Greenville County Commission on Alcohol & Drug Abuse/DOJ
  **Amount:** $20,000

Talbott, Laura
* Choices for Success: USC Athletes and Peer Educators Team-Upto Impact Alcohol Use Among First-Year Students - (46300-KA00)
  **Sponsor:** National Collegiate Athletic Association
  **Amount:** $14,990

Grand Total
  **Amount:** $149,257,112