

SPONSORED PROGRAMS and RESEARCH
Award Activity - December 2003

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

Education, College of

Education

Gredler, Margaret

* *Evaluation of the Special Education State Improvement Grant Implementation - (15290-FA01)*

\$94,122

Sponsor: SC Department of Education/USDE

Instruction & Teacher Education

Ebert, Christine

* *Proposal to Evaluate the Center for Ocean Science Education Excellence Central Coordinating Office - (15290-FL00)*

\$23,048

Sponsor: USCRF/Consortium for Oceanographic Research/NSF

Office of Program Evaluation

Yap, Ching

* *The South Carolina Arts Assessment Project - (15290-GL03)*

\$75,000

Sponsor: SC Department of Education

Engineering & Information Technology, College of

Chemical Engineering

Van Brunt, Vincent

* *Filtration Research Engineering Demonstration - (15510-FA45)*

\$161,516

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

Chemical Engineering

Van Zee, John

- * *I/UCRC Fuel Cell Center - Operating Account - (15510-JA11)* **\$70,000**
Sponsor: USCRF/Various

Civil & Environmental Engineering

Baus, Ronald

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

Imran, Jasim

- * *Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels - (15520-FA13)* **\$74,326**
Sponsor: USCRF/National Science Foundation (NSF) - General
- * *Modeling the Impact of Extreme Events on Margin Sedimentation -* **\$34,970**
Sponsor: Office of Naval Research (ONR)/DOD

Pierce, Charles

- * *Permeability of Marine Limestone Aggregate - (15520-JA10)* **\$1,650**
Sponsor: USCRF/Wake Stone Corporation

Computer Science & Engineering

Huhns, Michael

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

Matthews, Manton

- * *GA: South Carolina Department of Education - (15590-GP17)* **\$1,500**
Sponsor: SC Department of Education

Electrical Engineering

Sudarshan, Tangali

- * *Lapping and Polishing of Silicon Carbide Wafers - (15530-LA00)* **\$5,600**
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

Engineering & Information Technology, College of
* *SCAMP State Matching Funds - State Evaluator - (15580-GA12)* **\$11,000**
Sponsor: State Funds/SC State University

Mechanical Engineering

Baxter, Sarah
* *Accuracy of Children's Dietary Recalls - (11590-FA03)* **\$15,000**
Sponsor: USCRF/National Heart, Lung and Blood Institute (NHLBI)/NIH

Environment, School of the

Earth Sciences & Resources Institute

Kloot, Robin
* *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

Waddell, Michael
* *Iterative Approach for Carbon Tetrachloride Source Term Location in the 200 West Area of the Hanford Site - (24400-FA03)* **\$2,238**
Sponsor: USCRF/Vista Engineering Technologies/DOE
Co-PI: Domoracki, William

Law, School of

Law, School of

Morris, Carolyn
* *IOLTA - Services for Lawyers and Guardians ad Litem - (15800-KL12)* **\$65,000**
Sponsor: USCRF/SC Bar Foundation

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

Liberal Arts, College of

Archaeology & Anthropology, SC Institute of

Brooks, Mark

* *Cultural Resource Management on the SRS - (21300-F110)*

\$525,000

Sponsor: US Department of Energy (DOE) - General

Smith, Steven

* *Archaeological Consultant for Battle of Camden for FY2003 - (21300-KA00)*

\$11,385

Sponsor: USCRF/Palmetto Conservation Foundation

Criminology & Criminal Justice, Department of

Chishom, Andrew

* *Southern Region Violence and Substance Abuse Prevention - (21100-FL11)*

\$199,000

Sponsor: USCRF/National Crime Prevention Council/DOJ

Political Science

Sederberg, Peter

* *GA: Center for Selection Wellness-Enhanced Programs - (12010-FP01)*

\$3,795

Sponsor: Fort Jackson/US Army/DOD

Psychology

Allen, Gary

* *Mathematics & Science Unit Coaching Initiative - (17110-GL18)*

\$27,400

Sponsor: SC Department of Education

Prinz, Ronald

* *Media-Based Programming to Enhance Parenting - (13580-FA28)*

\$469,844

Sponsor: USCRF/National Institute of Child Health & Human Development (NICHD)/HHS

Medicine, School of

Cell & Developmental Biology & Anatomy

Blake, Charles

* *Research Infrastructure at Benedict College - (18020-FA14)*

\$109,810

Sponsor: USCRF/Benedict College/NIH

Goodwin, Richard

* *The Role of the Extracellular Matrix in Cardiomyocyte Proliferation -*

\$178,017

Sponsor: Medical University of South Carolina/NIH

Cell Biology & Neurosciences

Lavoie, Holly

* *Research Infrastructure at Benedict College - (18020-FA15)*

Sponsor: USCRF/Benedict College/NIH

\$97,300

Family & Preventive Medicine

Bethea, Lesa

* *Training in Assessment of Child Abuse and Neglect - (18130-FL05)*

Sponsor: SC Department of Health & Environmental Control/HHS

\$909

Internal Medicine

Bryan, Charles

* *Perinatal HIV Prevention Services - (18190-FL15)*

Sponsor: SC Department of Environmental Control/HHS

\$50,000

Hopkins, Christie

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

Sponsor: George Washington University/NHLBI/NIH

\$155

Korrapati, Vijaya

* *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)*

Sponsor: USCRF/AMGEN Company

\$7,080

Lamb, Lawrence

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

Sponsor: USCRF/STEMCO Biomedical, Inc.

\$6,986

Obstetrics & Gynecology

Best, Robert

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

Sponsor: SC Department of Health & Environmental Control

\$64,952

Ophthalmology

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

\$3,749

Pathology & Microbiology

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

Pediatrics/Developmental Disabilities, Center for

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)*

\$6,010

Sponsor: USCRF/Shire Pharmaceutical Development, Inc.

Surgery

Bell, Richard

* *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)*

\$2,678

Sponsor: USCRF/Eli Lilly & Company

Nursing, College of

Nursing - (General)

Messias, DeAnne

* *Hispanic Health Services Research Grant Program - (11210-FJ01)*

\$124,770

Sponsor: USCRF/Centers for Medicare & Medicaid Services/NIH

Williams, Carol

* *Analysis of Carbon Deposition on Metal Surfaces - (15510-JA27)*

\$30,000

Sponsor: USCRF/Directed Technologies, Inc.

Pharmacy, College of

Pharmacy - (General)

Michels, Jill

* *South Carolina Poison Center Certification Project - (11140-FL01)*

\$233,614

Sponsor: USCRF/Health Resources & Services Administration (HRSA)/HHS

Pharmacy - (General)

Shinogle, Judith

* NCHS/Academy Health Policy Fellowship (IPA) - (11120-FA02)

\$114,915

Sponsor: Centers for Disease Control (CDC)/HHS

Public Health, Arnold School of

Epidemiology & Biostatistics

Hebert, James

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

\$17,500

Sponsor: USCRF/Genzyme Corporation

Co-PI: Hurley, Thomas

Mayer-Davis, Elizabeth

* Revenue Account for 11520-FA16 and the Continuation Account 11520-FA26. (LOOK AHEAD) - (11520-LA02)

\$8,228

Sponsor: USCRF/Wake Forest University/NIH

Exercise Science

Davis, J. Mark

* Carbohydrates Electrolyte Drinks for Fluid Replacement During and After Exercise - (11530-J120)

\$50,000

Sponsor: Quaker Oats Company

Pate, Russell

* Physical Activity in Preschool Children - (11530-FA11)

\$358,701

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

Health Promotion, Education & Behavior

Usdan, Stuart

* College of Impaired Driving Program - (11540-FA22)

\$42,072

Sponsor: USCRF/University of Alabama/NIH

Health Services & Policy Research, Center for

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 - (11580-LA02)

\$100,000

Sponsor: Palmetto Health Alliance

Health Services Policy & Management

Probst, Janice

* *GA: Lexington Medical Center - (11550-LP41)*

\$5,000

Sponsor: Lexington Medical Center

Science and Mathematics, College of

Baruch Institute

Lewitus, Alan

* *Expanding existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxins - (21600-FA59)*

\$124,632

Sponsor: SC Sea Grant Consortium/NOAA

Biological Sciences

Berger, Franklin

* *Genetics of the Hepatic Acute Phase Response - (13010-FA30)*

\$25,000

Sponsor: USCRF/Health Research, Inc./NIH

Morris, James

* *Distribution of Carbon Isotopes in Forest Ecosystems within the Chernobyl Exclusion Zone - (10060-KA04)*

\$8,864

Sponsor: USCRF/US Civilian Research & Development Foundation

Mousseau, Timothy

* *Estimation of Radioactive Contamination of Birds in the Chernobyl Exclusion Zone - (10060-KA03)*

\$6,000

Sponsor: USCRF/US Civilian Research & Development Foundation

Chemistry & Biochemistry

Berg, Mark

* *Ultrafast DNA Dynamics Using Novel Photophysical Probes - (13020-FA03)*

\$193,160

Sponsor: National Institute of General Medical Sciences/HHS

Dawson, John

* *Editing: Journal of Inorganic Biochemistry - (13020-J400)*

\$5,668

Sponsor: Elsevier Science, Inc.

Lavigne, John

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

\$35,000

Sponsor: USCRF/Research Corporation

Geological Sciences

Lakshmi, Venkataraman

* *Extended Validation of AMSR-E Soil Moisture Products (AQUA-0084-0032) - (13040-FA17)* **\$28,790**

Sponsor: National Aeronautics & Space Administration (NASA)

* *Modeling the Influence of Plant Cover on Water and Energy Cycling at the Land-Atmosphere Interface: Constraints from Satellite and Ground Data -* **\$8,150**

Sponsor: USCRF/National Aeronautics & Space Administration (NASA)

* *Studies of Combined Passive and Active Soil Moisture Sensing - (13040-FA28)* **\$50,000**

Sponsor: USCRF/National Aeronautics & Space Administration (NASA)

Mathematics

DeVore, Ronald

* *Analysis and Numerical Algorithms for Data Processing and Fast Solution of PDEs - (13060-FA07)* **\$138,250**

Sponsor: USCRF/Office of Naval Research/DOD

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

Sponsor: SC EPSCoR Program

Physics & Astronomy

Blampied, Gary

* *Simulation of the Use of Cosmic Rays for Radiography - (13070-FA33)* **\$40,000**

Sponsor: USCRF/Los Alamos National Lab/DOE

Djalali, Chaden

* *Jefferson Lab SURA Fellowship: Photoproduction of Vector Mesons Off Nuclei - (13070-FA28)* **\$7,200**

Sponsor: SURA/Jefferson Laboratory/DOE

Gudkov, Vladimir

* *Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL - (13070-GA08)* **\$12,374**

Sponsor: SC EPSCoR Program

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

Statistics

Grego, John

* *Seat Belt Use Survey Analysis - (13080-JA00)*

\$4,000

Sponsor: Crantford and Associates

Senior and Regional Campuses

USC Aiken

Cubbedge, Frankie

* *DOE Public Documents Reading Room - (17110-F407)*

\$42,006

Sponsor: Savannah River Operations/DOE

Hallman, Thomas

* *Aiken Cardiac Enhancement Program - (17110-J408)*

\$33,464

Sponsor: Aiken Regional Medical Center

USC Spartanburg

Flynn, Clifton

* *Evaluation of the SC Inter-Agency Deaf-Blind Project - (15900-FL17)*

\$27,053

Sponsor: SC School for the Deaf and Blind/USDE

Love, Charles

* *Adventure of the American Minds - (17880-FJ06)*

\$262,850

Sponsor: Carolina Piedmont Foundation/Library of Congress

Social Work, College of

Families in Society, Institute for

Brown, Elsbeth

* *Clover School District Bright Beginnings Even Start Program - (10010-GL05)*

\$3,500

Sponsor: Clover School District/SC Department of Education

Flerx, Vicki

* *Domestic Violence Service in Rural Health Care Clinics - (10010-FA20)*

\$199,820

Sponsor: USCRF/University of Texas/CDC

Harris, Muriel

* *Knowledge of HIV Risk and Attitudes toward HIV Testing Among Low Income*

\$34,646

Young Adult African American Population - (10010-FA24)

Sponsor: USCRF/Alliances for Quality Education, Inc./CDC

Families in Society, Institute for

Lopez-DeFede, Ana

* *Rural Expansion of Medically Fragile Children's Program: Technical Assistance Subcontract with CHCS Grant - (10010-FA23)*

\$118,950

Sponsor: SC Department of Health & Human Services/HHS

Social Work, College of

Bond, Pamela

* *DHEC HABLA Language Assistance Program - (15900-GL04)*

\$120,156

Sponsor: SC Department of Health & Environmental Control

Ginsberg, Leon

* *GA: Gift of Life Trust Fund - (15900-KP82)*

\$2,010

Sponsor: Gift of Life Trust Fund

Reece, Linda

* *Continuing Education in Psychosocial Effects of Bioterrorism and Other Public Health Emergencies for Social Workers - (15900-FJ10)*

\$20,000

Sponsor: Medical University of SC/SC AHEC/HHS

Grand Total

\$5,732,266