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 $23,048
  Central Coordinating Office - (15290-FL00)
  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)  
  Sponsor: State Funds/SC State University  $11,000

Mechanical Engineering

Baxter, Sarah

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

Environment, School of the

Earth Sciences & Resources Institute

Kloot, Robin

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

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

Waddell, Michael

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

Law, School of

Law, School of

Morris, Carolyn

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

Robinson, Pamela

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

Spitz, Stephen

* Agreement with the University of Nebraska School of Law - (15800-LL06)  
  Sponsor: University of Nebraska School of Law  $60,844
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) $97,300
   Sponsor: USCRF/Benedict College/NIH

Family & Preventive Medicine
Bethea, Lesa
* Training in Assessment of Child Abuse and Neglect - (18130-FL05) $909
   Sponsor: SC Department of Health & Environmental Control/HHS

Internal Medicine
Bryan, Charles
* Perinatal HIV Prevention Services - (18190-FL15) $50,000
   Sponsor: SC Department of Environmental Control/HHS

Hopkins, Christie
* Prevention of Events with Angiotensin Converting Enzyme Inhibition (Peace Trial) - (18190-F104) $155
   Sponsor: George Washington University/NHLBI/NIH

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) $7,080
   Sponsor: USCRF/AMGEN Company

Lamb, Lawrence
* Validation of Methods to Isolate Populations of Human HSPC by Cell Sorting Using Aldehyde Dehydrogenase - (18140-JA06) $6,986
   Sponsor: USCRF/STEMCO Biomedical, Inc.

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

Ophthalmology
Pakalnis, V. Al
* Protein Kinase C Beta Inhibitor - Diabetic Retinopathy Study 2 (PKC-DRS2) A Phase 3 Clinical Trial - (18150-JA00) $3,749
   Sponsor: USCRF/Parexel International Corporation
Pathology & Microbiology
Nachtigal, Maurice
* The Effect of Acetaminophen on the Development of Atherosclerosis in Appolipoprotein 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)
  Sponsored by: Lexington Medical Center
  Cost: $5,000

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)
  Sponsored by: SC Sea Grant Consortium/NOAA
  Cost: $124,632

Biological Sciences
Berger, Franklin
* Genetics of the Hepatic Acute Phase Response - (13010-FA30)
  Sponsored by: USCRF/Health Research, Inc./NIH
  Cost: $25,000

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

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

Chemistry & Biochemistry
Berg, Mark
* Ultrafast DNA Dynamics Using Novel Photophysical Probes - (13020-FA03)
  Sponsored by: National Institute of General Medical Sciences/HHS
  Cost: $193,160

  Dawson, John
  * Editing: Journal of Inorganic Biochemistry - (13020-J400)
    Sponsored by: Elsevier Science, Inc.
    Cost: $5,668

  Lavigne, John
  * Controlling Molecular Orientation: Directed Self-Assembly of Functionalized Oligomeric Thiophenes Using Small Molecules - (13020-KA08)
    Sponsored by: USCRF/Research Corporation
    Cost: $35,000
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 - (13040-FA28) - $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

**Blanpied, 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 Young Adult African American Population - (10010-FA24)  $34,646
    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)  
  Sponsor: SC Department of Health & Human Services/HHS  
  $118,950

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

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

Reece, Linda  
* 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

Grand Total  
$5,732,266