

SPONSORED PROGRAMS and RESEARCH
Award Activity – June 2004

Education, College of

Education Leadership & Policies

Lowery, John

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

Educational Psychology

Brown, William

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

Johnson, Robert

- * *Analysis of Survey Response for South Carolina READS - (15290-GL09)* **\$36,668**
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)* **\$771,810**
Sponsor: US Department of Agriculture (USDA) - General

School Improvement Council Assistance

Norman, Jean

- * *South Carolina School Improvement Council - (15280-GL04)* **\$180,192**
Sponsor: SC Legislative Council

Engineering & Information Technology, College of

Chemical Engineering

Amiridis, Michael

* *Synthesis and Studies of Bimetallic Catalysts in Solution on Supports - (15510-FA54)* **\$95,000**

Sponsor: US Department of Energy (DOE) - General

Gatzke, Edward

* *CAREER: Mixed-Integer Nonlinear Programming Approaches for Hydrogen Production Systems - (15510-FA35)* **\$6,000**

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

Matthews, Michael

* *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)* **\$504,453**

Sponsor: USCRF/National Institute of Biomedical Imaging & Bioengineering/HHS

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

Van Zee, John

* *Performance and Corrosion Testing of 5-Cell PEMFC Stack - (15510-FA52)* **\$15,000**

Sponsor: Tennessee Technological University/DOE

Civil & Environmental Engineering

Gassman, Sarah

* *Improving the Safety of South Carolina's Bridge Infrastructure Through Non-Destructive Evaluation of Unknown Bridge Foundations - (15520-FA26)* **\$34,200**

Sponsor: SC State University/DOT

Computer Science & Engineering

Buell, Duncan

* *Library Development and Experiments Using Prototype Reconfigurable Computing Machines - (15590-FA23)* **\$199,994**

Sponsor: USCRF/George Washington University/National Security Age

Co-PI: Davis, J. Mark

Computer Science & Engineering

Farkas, Csilla

- * CAREER: *Semantic Web-Interoperation versus Security - (15590-FA16)* **\$95,973**
Sponsor: USCRF/National Science Foundation (NSF) - General

Huhns, Michael

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

- * *GA: Research Agreement with Global Infotek, Inc. - (15590-JP37)* **\$15,215**
Sponsor: Global Infotek, Inc.

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

Wang, Song

- * *Shape Exploration for Medical Applications---From Representation, Correspondence, Deformation to Image Segmentation -* **\$6,000**
Sponsor: USCRF/National Science Foundation (NSF) - General
Co-PI: Kubota, Toshiro

Electrical Engineering

Brice, Charles

- * *Fast Protection of Shipboard Electrical Power Systems - (15530-FA30)* **\$9,677**
Sponsor: USCRF/Barron Associates, Inc.

Khan, Asif

- * *Deep UV Emitters Based on Quaternary AlIGaN Multiple Quantum Well Heterostructures - (15530-FA18)* **\$400,000**
Sponsor: USCRF/US Army/DOD

Simin, Grigory

- * *WBGS Expitaxial Materials Development and Scaleup for rf/Micro-wave Millimeter Wave Devices - (15530-FA16)* **\$350,000**
Sponsor: USCRF/Defense Advanced Research Projects Agency (DARPA)/DOD

Sudarshan, Tangali

- * *Lapping and Polishing of Silicon Carbide Wafers - (15530-LA00)* **\$6,000**
Sponsor: USCRF/Various Sponsors

Engineering & Information Technology, College of

White, Ralph

- * *SCAMP State Matching Funds for Summer Bridge Workshop - (15580-GA11)* **\$4,811**
Sponsor: SC State University

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

Mechanical Engineering

Giurgiutiu, Victor
* *Structural Health Monitoring System using Embedded Piezoelectric Active Sensors - (15540-FA44)* **\$120,000**
Sponsor: USCRF/Universal Technology/AFRL

Reynolds, Anthony
* *Ballistic Shields - (15540-FA43)* **\$680,000**
Sponsor: USCRF/US Army Research Laboratory/DOD
Co-PI: Sutton, Michael, Giurgiutiu, Victor

* *Damage Tolerance of Built-up FSW Aluminium Aerospace Structures - (15540-JA19)* **\$7,500**
Sponsor: USCRF/Boeing Corporation
Co-PI: Sutton, Michael

Environment, School of the

Earth Sciences & Resources Institute

Kloot, Robin
* *Natural Resources and Conservation Decision - Support System -* **\$19,800**
Sponsor: Natural Resources Conservation Services/USDA
Co-PI: Shafer, John

Environment, School of the

Temples, Tom
* *Uranium Anomalies in Domestic Water Wells of the Coastal Plain -* **\$241,000**
Sponsor: USCRF/US Department of Energy (DOE) - General

Hospitality, Retail & Sport Management, College of

Hotel, Restaurant & Tourism Management

Boger, Carl
* *Alfred P. Sloan Foundation Travel and Tourism Industry Center -* **\$400,000**
Sponsor: USCRF/Alfred P. Sloan Foundation
Co-PI: Woodward, Douglas, Morse, Steve

Retailing, Center for

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

Law Enforcement & Safety

Law Enforcement & Safety

Wuchenich, Christopher

* *Criminal Justice Information System: NCIC 2000 and Mobile Data -*

\$39,958

Sponsor: SC Department of Public Safety/DOJ

Co-PI: Whitlock, Gayle

Liberal Arts, College of

Archaeology & Anthropology, SC Institute of

Smith, Steven

* *Archaeological Assessment of Gilbert Town, North Carolina - (21300-FA21)*

\$2,150

Sponsor: USCRF/Thomason & Associated/National Register

English

Myers-Scotton, Carol

* *Steps in Grammatical Turnover Shift - (12530-FA02)*

\$77,422

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

Geography

Cowen, David

* *SC Education Oversight Committee Research Services Agreement -*

\$4,500

Sponsor: SC Education Oversight Committee

Hardisty, Frank

* *Improving Geographic Visualization for Data Analysis - (13540-GA01)*

\$49,250

Sponsor: Office of the Adjutant General

* *Prostate Cancer ESDA and Spatial Analysis - (13540-FA27)*

\$6,616

Sponsor: USCRF/Penn State/CDC

Jensen, John

* *Program for a NASA Affiliated Research Center Program at the University of South Carolina - (13540-F165)*

\$200,000

Sponsor: National Aeronautics and Space Administration

Co-PI: Cowen, David

Geography

Mock, Cary

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

History

Grier, Katherine

- * *GA: SC Department of Archives & History - (13550-GP26)* **\$13,608**
Sponsor: SC Department of Archives & History

Psychology

Allen, Gary

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

Baylis, Gordon

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

Booze, Rosemarie

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

Kloos, Bret

- * *Housing, Adaptive Functioning, and Serious Mental Illness - (13580-FA21)* **\$154,289**
Sponsor: USCRF/National Institute of Mental Health (NIMH)/NIH

Mactutus, Charles

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

Schatz, Jeffrey

- * *Anemia Brain Functioning and Cognitive Development in Children with Sickle Cell Disease - (13580-KA01)* **\$139,972**
Sponsor: USCRF/March of Dimes
- * *GA(1): Continuum of Care - (13580-GP15)* **\$18,000**
Sponsor: Continuum of Care/Governor's Office
- * *GA: Earle E. Morris Alcohol and Addiction Treatment Center - (13580-GP01)* **\$24,000**
Sponsor: SC Department of Mental Health

Psychology

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

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

Public Service & Policy Research, Institute for
Oldendick, Robert

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

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

Sheheen, Fred

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

Sociology

Thye, Shane

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

Mass Communications & Information Studies, College of

Journalism & Mass Communications, School of

Jackson, Patricia

* *Burroughs Early Head Start Classroom - (17880-FL36)* **\$21,423**
Sponsor: Spartanburg County First Steps/HHS

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

Library & Information Sciences, School of

Barron, Daniel

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

Medicine, School of

Family & Preventive Medicine

Baxley, Elizabeth

* *Minority Faculty Fellowship - (18130-FJ01)* **\$54,500**
Sponsor: Health Resources & Services Administration/HHS

* *Palmetto Health Affiliation - (18130-K101)* **\$804,980**
Sponsor: Palmetto Health Alliance

Bostick, Roberd

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

Internal Medicine

Chillag, Shawn

* *Palmetto Health Affiliation - (18190-K101)* **\$1,223,415**
Sponsor: Palmetto Health Alliance

Talwani, Rohit

* *HOPWA Case Case Management for HIV/AIDS Clients - (18190-FL21)* **\$50,000**
Sponsor: USCRF/City of Columbia/HUD

* *South Carolina AIDS Education and Training Center (ATEC) - (18190-FJ01)* **\$117,962**
Sponsor: Emory University/HHS

Medicine, School of - (Dean)

Faulkner, Larry

* *Palmetto Health Affiliation - (18260-K101)* **\$157,084**
Sponsor: Palmetto Health Alliance

Fowler, Stanley

* *Stevens Foundation Scholarship - John Baker - (18360-KJ00)* **\$11,000**
Sponsor: John T. Stevens Foundation

Microbiology & Immunology

Fox, Alvin

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

Neuropsychiatry

Froehlich, Robert

* *Rehabilitation Long-Term Training: Rehabilitation Counseling -*
Sponsor: US Department of Education (USDE) - General

\$98,017

Harding, Richard

* *Palmetto Health Affiliation - (18120-K101)*
Sponsor: Palmetto Health Alliance

\$729,574

Obstetrics & Gynecology

Bacon, Janice

* *Palmetto Health Affiliation - (18110-K101)*
Sponsor: Palmetto Health Alliance

\$1,022,254

Ophthalmology

Davis, Richard

* *Palmetto Health Affiliation - (18150-K101)*
Sponsor: Palmetto Health Alliance

\$557,193

Orthopaedics Surgery

Eady, John

* *Palmetto Health Affiliation - (18160-K101)*
Sponsor: Palmetto Health Alliance

\$630,714

Pathology & Microbiology

Wargovich, Michael

* *Evaluation of Antioxidant and Anti-carcinogenic Activities of Turmeric and*
Vetiver Oils - (18060-KA01)
Sponsor: USCRF/Clemson University/SC Nutrition Research Consortium

\$1,000

Pediatrics

Derrick, C. Warren

* *Palmetto Health Affiliation - (18140-K101)*
Sponsor: Palmetto Health Alliance

\$651,985

Ferrante, Richard

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

\$143,550

Pediatrics

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

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

Pharmacology, Physiology & Neuroscience

McDonald, Alexander

* *Synaptic Organization of the Basolateral Amygdala - (18080-FA01)* **\$318,035**
Sponsor: USCRF/National Institute of Neurological Disorders & Stroke (NINDS)/NIH

Surgery

Bell, Richard

* *Palmetto Health Affiliation - (18200-K101)* **\$905,473**
Sponsor: Palmetto Health Alliance

Nursing, College of

Nursing

Fuller, Sara

* *Expanded Primary Care Services to an Urban Area - (11230-FJ02)* **\$215,603**
Sponsor: USCRF/Health Resources & Services Administration (HRSA)/HHS

Pharmacy, College of

Pharmacy - (General)

Lingle, William E.

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

Public Health, Arnold School of

Communication Sciences & Disorders

Martin, Judith

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

Frank, Elaine

Epidemiology & Biostatistics

Cornman, Carol

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

Sponsor: SC Department of Health & Human Services/HHS

Drane, J. Wanzer

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

Sponsor: Council for International Exchange of Scholars

Hebert, James

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

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

Mayer-Davis, Elizabeth

* *Diabetes Prevention Program Outcomes Study (DPPOS)* - (11520-FA37) **\$27,623**

Sponsor: USCRF/George Washington University/NIH

* *Treatment of Options for Type 2 Diabetes in Adolescents and Youth (TODAY)* - (11590-FA05) **\$37,586**

Sponsor: USCRF/The George Washington University/HHS

Exercise Science

Bopp, Melissa

* *Evaluation of Faith-Based, Behavior Change Physical Activity Program* - (11530-KA11) **\$5,000**

Sponsor: American College of Sports Medicine

Wilcox, Sara

Williams, Harriett G.

* *National Writing Project* - (12530-FL03) **\$43,000**

Sponsor: National Writing Project/USDE

Wilson, Dawn

* *Self-Determination for Increasing Physical Activity* - (11570-FA48) **\$531,247**

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

Health Promotion, Education & Behavior

Corwin, Sara

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

Sponsor: SC Campaign to Prevent Pregnancy

Health Promotion, Education & Behavior

Neal, Albert

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

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

Parra-Medina, Deborah

* *USC STEP UP - (11540-KA02)* **\$49,407**
Sponsor: USCRF/Association of School of Public Health

Richter, Donna

* *Disaster Response Training for the SCDMH (Conference Budget) -* **\$8,866**
Sponsor: SC Department of Mental Health/DHHS

Co-PI: Baker-Reese, Lisa, Richter, Jane

* *Disaster Response Training for the SCDMH (Training Budget) - (11540-FJ06)* **\$48,750**
Sponsor: SC Department of Mental Health

Co-PI: Baker-Reese, Lisa, Richter, Jane

Umstaddt, Renee

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

Health Services & Policy Research, Center for

Murday, David

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

Health Services Policy & Management

Laditka, Sarah

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

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

Research, Vice President for

* *CoEE Tourism - (22000-GA11)* **\$2,000,000**
Sponsor: SC Commission on Higher Education

* *Strom Thurmond Fitness and Wellness Center - (22000-FL01)* **\$4,970,500**
Sponsor: US Department of Education (USDE) - General

Science and Mathematics, College of

Baruch Institute

Fletcher, Madilyn

* *LTREB: Long Term Studies of Salt Marsh Primary Production - (21600-FA53)* **\$60,000**
Sponsor: USCRF/National Science Foundation (NSF) - General

Kulkarni, Nitin

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

Biological Sciences

Berke, Sarah

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

Dewey, Michael

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

Helmuth, Brian

* *Expanding the Rising Tide Project: Changing How Researchers, Educators,
and Students Work Together - (21600-FA66)* **\$16,836**
Sponsor: SC Sea Grant Consortium/NOAA

Hughes, Austin

* *Gene Duplication and Genome Evolution - (13010-FA38)* **\$145,500**
Sponsor: USCRF/National Institute of General Medical Sciences (NIGMS)/NIH

Morris, James

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

Biological Sciences

Stratmann, Johannes

- * *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

- * *State-of-Knowledge Report for South Carolina Coastal Wetland Impoundments - (13010-FL05)* **\$31,142**
Sponsor: SC Sea Grant Consortium/NOAA

Woodin, Sarah

- * *Real-Time Measurements of Sediment Modification by Large Macrofauna - (13010-FA49)* **\$20,000**
Sponsor: USCRF/Office of Naval Research/DOD

Chemistry & Biochemistry

Adams, Richard

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

Baynes, John

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

Berg, Mark

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

Dawson, John

- * *Editing: Journal of Inorganic Biochemistry - (13020-J400)* **\$2,834**
Sponsor: Elsevier Science, Inc.

Lebioda, Lukasz

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

Chemistry & Biochemistry

Myrick, Michael

* *Quantification of Infrared Reflection Absorption Spectroscopy (IRAS) Cross Sections of Micron-Sized Dielectric Particles on Metal Surfaces for Multivariate Optical Computing Applications - (13020-FA69)* **\$41,584**

Sponsor: USCRF/US Army Robert Morris ACQ CTR/DOD

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

Sponsor: USCRF/Foster-Miller/ONR

Wang, Qian

* *MURI: Bio-Directed Hierarchical Assembly of Multifunctional Materials - (13020-FA68)* **\$79,675**

Sponsor: USCRF/University of Massachusetts/ARO

Geological Sciences

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

Kellogg, James

* *Editorship of Elsevier Science Ltd: Journal of South American Earth Sciences - (13040-J400)* **\$5,200**

Sponsor: Elsevier Science, Ltd.

Kohn, Matthew

* *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 -* **\$38,300**

Sponsor: USCRF/Jet Propulsion Laboratory/NASA

* *Development of Informatics Infrastructure for the Hydrologic Sciences - (13040-FA83)* **\$15,596**

Sponsor: USCRF/University of Texas at Austin/NSF

Prokopenko, Alexander

* *Evolution of Atmospheric Circulation Patterns over Continental Interior Asia during the Past 1.4Ma from Millennial-Scale Carbonate-Based Proxy Records from Lake Hovsgol, Mongolia - (13040-FA79)* **\$291,355**

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

Co-PI: Williams, Douglas

Geological Sciences

Thunell, Robert

* *Collaborative Research: The Cariaco Basin Oceanographic TimeSeries Program - (13040-FA58)* **\$170,236**

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

Mathematics

Oskolkov, Konstantin

* *Harmonic, Number-Theoretic, and PDE Analysis of Talbot's Phenomenon - (13060-FA16)* **\$84,621**

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

Physics & Astronomy

Avignone, Frank

* *Next Generation Neutrinoless Double Beta Decay Experiments CUROE/CUORICINO (130Te) and Majorana (76Ge) - (13070-FA15)* **\$156,010**

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

Gudkov, Vladimir

* *Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL - (13070-FA35)* **\$145,000**

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

Johnson, Joseph

* *New Metrics for Characterizing and Predicting Network Behavior -* **\$1,931,966**

Sponsor: USCRF/Air Force Research Laboratory/DOD

Kunchur, Milind

* *Transport Behavior of Superconductors at High Dissipative Currents - (13070-F129)* **\$13,197**

Sponsor: US Department of Energy (DOE) - General

Mishra, Sanjib

* *Guest Scientist - (13070-FA34)* **\$20,000**

Sponsor: USCRF/FermiLab/DOE

Purohit, Milind

* *Experimental Particle Physics - (13070-F117)* **\$565,000**

Sponsor: US Department of Energy (DOE) - General

Co-PI: Rosenfeld, Carl

Rosenfeld, Carl

* *2004 Support for Carolina QuarkNet Institute - (13070-FL02)* **\$8,050**

Sponsor: USCRF/Fermilab/DOE

Physics & Astronomy

Webb, Richard

- * *Fundamental Experimental Properties of Mesoscopic Systems - (13070-FA43)* **\$128,474**
Sponsor: USCRF/National Science Foundation (NSF) - General

Science Education, Center for

Jordan, Donald

- * *SC Academy of Science - (13000-GL00)* **\$100,000**
Sponsor: SC Academy of Science

Statistics

Grego, John

- * *Seat Belt Use Survey Analysis - (13080-JA00)* **\$4,000**
Sponsor: USCRF/Grantford & Associates

Senior and Regional Campuses

USC Aiken

Dyer, Andrew

- * *The Ecology and Population Biology of Chufa, Cyperus Esculentussativus - (17110-KA02)* **\$10,943**
Sponsor: National Wild Turkey Federation

USC Beaufort

Quick, Gail

- * *Jasper County Schools/USC Beaufort Partnership - (17220-HL03)* **\$50,000**
Sponsor: Jasper County School District

USC Salkehatchie

Thomas, Andrew

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

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

USC Spartanburg

Frye, Carolyn

- * *Upward Bound - (17880-FL43)* **\$277,588**
Sponsor: USCRF/US Department of Education (USDE) - General

USC Spartanburg

Rogers, Susan

* *USCS Achieve Program - (17880-FJ09)*

\$453,885

Sponsor: Spartanburg County/DOL

Romine, Ronald

* *Center for Non-Profit Leadership - (17880-KL02)*

\$2,000

Sponsor: Carolina Piedmont Foundation

Turner, Jack

* *Microbiological Study - (17880-L101)*

\$3,510

Sponsor: Milliken Chemical

USC Union

Stokes, Tammy

* *Student Support Services Program - (17770-FL03)*

\$227,407

Sponsor: US Department of Education

Social Work, College of

Social Work, College of

Bond, Pamela

* *Casey Family Programs Consultation - (15900-KL04)*

\$37,742

Sponsor: USCRF/Casey Family Program

DeHart, Dana

* *Collaborative Response to Crime Victims in Urban Areas - (15900-FL19)*

\$49,980

Sponsor: USCRF/Maryland Crime Victims Resource Center, Inc./DOJ

Ginsberg, Leon

* *An Integrated Study of Driving Cessation in Older Men with Dementia - (15900-KA03)*

\$100,000

Sponsor: The Gerontological Society of America

* *GA: Florence Crittenton Services, Inc. - (15900-KP84)*

\$4,032

Sponsor: Florence Crittenton Programs

* *Quality Assurance in Long-Term Care Services - (15900-GL07)*

\$12,153

Sponsor: SC Department of Health & Human Services

* *Quality Assurance Services for the Bureau of Long Term Services -*

\$12,153

Sponsor: SC Department of Health & Human Services/HHS

Grand Total

\$31,562,258