

SPONSORED PROGRAMS and RESEARCH
October 2001

College of Education

Educational Psychology

Brown W.

Preparation of Leadership Personnel - (FJ00) **\$800**
US Department of Education

Instruction & Teacher Education

Baker H.

Exemplary Writing Project - (GL06) **\$20,000**
SC Department of Education

Singer J.

USC-PT3 Consortium to Improve the Technology Education of Pre-Service Teachers - (FJ02) **\$21,000**
US Department of Education

Swick K.

USC Community, Higher Education, School Partnership for Service g - (FA04) **\$10,000**
SC Dept. of Education/Corp. of Nat'l. & Community Service

School Improvement Council Assistance

Norman J.

SICA Board Development - (KL00) **\$1,000**
Central Carolina Community Foundation

College of Engineering & Information Technology

Chemical Engineering

Gadala-Maria F.

Plan to Increase the Number of Minority Ph.D. Graduates from the Department of Chemical Engineering at USC - (KJ00) **\$8,000**
Alfred P. Sloan Foundation

Civil & Environmental Engineering

Baus R.

Investigation of Graded Aggregate Base (GAB) Courses - (FA08) **\$200,830**
SC Department of Transportation/DOT

Chaudhry M. Imran J.

Investigation of Scour Around Bridge Piers of South Carolina Bridges - (FA09) **\$234,000**
SC Department of Transportation/DOT

Civil & Environmental Engineering

Pierce C.

Gassman S.

Field and Laboratory Assessment of Flowable Fill Performance - (FA07) **\$72,549**
SC Department of Transportation/DOT

Computer Science & Engineering

Huhns M.

GA: SC Department of Health & Environmental Control - (GP03) **\$4,880**
SC Department of Health & Environmental Control

Electrical Engineering

Dougal R.

Virtual Test Bed for Advanced Electrical Systems - (F170) **\$2,019,001**
Office of Naval Research

Kahn A.

ALLnGaN/InGaN Heterostructures for 200 GHz Low Power Field Effect Transistors - (FA11) **\$89,992**
USCRF/Office of Naval Research/DOD

Monti A.

SIM/STIM Interface for Machinery R&D Program - (FA10) **\$20,312**
USCRF/F&H Applied Science Associates, Inc./DOD

Seminario J.

The Science & Technology of Nano/Molecular Electronics: Theory, Simulation & Experimental Characterization - (FQ00) **\$35,000**
USCRF/Stevens Institute of Technology/ARO

Engineering & Information Technology, College of

White R.

SC Manufacturing Extension Partnership 2001-2002 - (GA02) **\$1,502,495**
SC Commission on Higher Education

Gateway Coalition - (F113) **\$25,000**
Gateway Engineering Education Coalition/NSF

Mechanical Engineering

Bayoumi A.

The Goodrich Center of Excellence in Mechanical Diagnostics Technology Lab - (JA09) **\$10,002**
USCRF/BF Goodrich Aerospace

Sutton M.

Development of Capacity for Aircraft Structures - (GA01) **\$82,213**
SC Commission on Higher Education

College of Liberal Arts

Archaeology & Anthropology, Institute of Smith S.

Native American Consultation Meeting - (GL00) **\$15,898**
SC Army National Guard

English

Hospital J.

Caught in the Creative Act - (FL02) **\$10,000**
SC Humanities Council/NEH

Geography

Dow K.

Carbone G.

Cutter S.

*Decision Making and Long-Lead Climate Forecast:A Case Study in
Community Water System Management - (F164)* **\$47,729**
USCRF/Penn State/NOAA

Hodgson M.

Database Development, GIS Application and Assessments - (HA01) **\$36,074**
Richland County Department of Information Technology

Jensen J.

Regional Inservice Workshops K-8 - (GL00) **\$4,335**
SC Department of Education

*Wetland Change and Monitoring Ecosystem by Remote Sensing -
(GA00)* **\$36,295**
SC Commission on Higher Education

Government & International Studies

Osa M.

*EU Enlargement and the Organization of Agricultural Interest in
Poland - (KA01)* **\$40,000**
USCRF/National Council for Eurasian and East Europe

History

Wilson C.

The Papers of John Calhoun - (L108) **\$1,000**
Various Sources

McKissick Museum

Robertson L.

A Portion of the People Exhibit Brochure - (KL00) **\$2,000**
USCRF/Southern Jewish Historical Society

Philosophy

Preston C.

Stipend for Participation in NEH Summer Institute "Environmental Ethics and Issues: Alaska as a Case Study - (FA01) **\$144**
University of Alaska/NEH

Public Service & Policy Research, Institute for

Chishom A.

Southern Region Violence & Substance Abuse Prevention Center - Youth Leadership Development - (FL04) **\$276,896**
US Department of Justice

Oldendick R.

Professional Services to Support the Quantitative Evaluation Efforts of the CoE Program - (FA02) **\$10,001**
USCRF/Department of Health & Human Services

Pregnancy Risk Assessment Monitoring Systems - (FA00) **\$9,000**
SC Department of Health & Environmental Control

Pierce J.

Strategic Planning for Charles Lea Center - (GL06) **\$17,000**
Charles Lea Center/DDSN

College of Nursing

Academic & Student Affairs

Kaye J.

Predictors of Health Behaviors and Health Outcomes in Low-Income Rural Adults - (FA04) **\$16,007**
National Institute of Nursing Research/NIH/HHS

College of Pharmacy

Clinical Pharmacy

Rowen R.

QS/1 Data Systems Contract - (JA00) **\$26,412**
QS/1 Data Systems

Pharmacy Practice

Reeder C.

Fellowship in Pharmacoeconomics and Health Outcomes Research - (JA02) **\$20,118**
Glaxo-Smith-Kline

College of Science and Math

Baruch Institute

Lewitus A.

ECO HAB: Toxic Dinoflagellates and Nutrients: A Regional Comparative Study - (F112) **\$20,000**
University of Maryland/NOAA

Porter D.

Wetland Change and Monitoring Ecosystem by Remote Sensing - (GA02) **\$20,549**
SC Commission on Higher Education

Biological Sciences

Connolly A.

Regulation of Metal Uptake in Plants - (FA24) **\$230,000**
USCRF/US Department of Agriculture

Ely B.

Molecular Genetics of Fish Populations - (FA20) **\$142,946**
SC Sea Grant Consortium/NOAA

Helmuth B.

Symposium: Physiological Ecology of Rocky Intertidal organisms - (FA25) **\$4,000**
National Science Foundation (NSF) - General

Chemistry & Biochemistry

Adams R.

Catalytic Synthesis of Polythioether Macrocycles From Thietanes and Thiranes - (F196) **\$120,000**
National Science Foundation (NSF) - General

Dawson J.

Editing: Journal of Inorganic Biochemistry - (J400) **\$7,689**
Elsevier Science, Inc.

Goode S.

Measurements of Kigre Glass - (FA12) **\$65,000**
USCRF/Kigre, Inc.

Wuthier R.

Use of Fusarochromanone as a Potential Anti-Arthritic Agent - (J157) **\$9,000**
USCRF/ISTO Technologies

Geological Sciences

Kellogg J.

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

Lakshmi V.

Spatial Scaling and Temporal Persistence of Soil Moisture Using Observation, Analysis and Modeling - (FA19) **\$2,407**
National Oceanic and Atmospheric Administration/DOC

Voulgaris G.

Variation and Controls of Beach Morphology Along the Coast of South Carolina - (FA02) **\$26,234**
SC Sea Grant Consortium/NOAA

Hydrodynamic Framework of Long Bay, SC: Measurements of Waves and Coastal Currents - (FA03) **\$5,425**
SC Sea Grant Consortium/NOAA

Mathematics

Devore R.

Image Processing for Digital Terrain Elevation Data - (GA01) **\$48,727**
SC Commission on Higher Education

Physics & Astronomy

Purohit M.

Rosenfeld C.

Experimental Particle Physics - (F117) **\$91,000**
US Department of Energy

Science & Math Administration

Crawley G.

Grad Portal - (FA01) **\$188,760**
USCRF/US Department of Education

College of Social Work

Social Work, College of

Raymond F.

GA: SC Institute of Poverty & Deprivation - (KP30) **\$4,162**
SC Institute of Poverty & Deprivation

GA: SC Department of Mental Health - (GP09) **\$1,500**
SCDMH - William S. Hall Psychiatric Institute

Tirrito T.

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

Social Work, College of

Wright L.

DeHart D.

Field-Generated National Impact Projects - (FJ02) **\$99,990**
USCRF/Office of Justice Programs/DOJ

Partnerships in Character Education-Consultation, Technical Assistance, and Evaluation Project - (GA03) **\$32,866**
SC Department of Education

Proposal to Implement a School Social Work Field Unit at Broad River Elementary School in Beaufort - (HL00) **\$13,289**
Broad River Elementary School

Darla Moore School of Business

Business Administration - Division Of Research

Roenfeldt R.

GA: Bauknight Pietras and Stormer, PA - (JP43) **\$5,442**
Bauknight Pietras and Stormer, PA

GA: (1) Pontiac Foods - (JP35) **\$7,715**
Pontiac Foods

GA: Southland Log Homes - (JP45) **\$9,036**
Southland Log Homes

GA: Resource Mortgage - (JP41) **\$18,450**
Resource Mortgage

GA: ALTEC Laundry Equipment, LLC - (JP42) **\$2,010**
ALTEC Laundry Equipment, LLC

GA: SunBelt Golf Development - (JP44) **\$1,735**
SunBelt Golf Development

Small Business Development Center

Lenti J.

Federal and State Technology Partnership Program - (FL05) **\$100,000**
Small Business Administration

Small Business Innovation Research and Small Business Technology Transfer Program Outreach to Small High Technology Business - (F482) **\$57,500**
Small Business Administration

Division of Student Affairs

Student Life

Gant R.

A Randomized Study of Two Approaches to Reducing High-Risk Drinking During College Students' 21st Birthday Celebrations - (FA00) **\$113,326**
US Department of Education

Institute for Families in Society
Families in Society, Institute for
Andrews A.

School Readiness Evaluation Services - (GL02) **\$11,859**
SC Office of First Steps/SC Department of Education

Flerx V.

Domestic Violence Services in Rural HealthCare Clinics - (FA03) **\$5,000**
Centers for Disease Control/HHS

Norman J. Arnold School of Public Health
Center for Health Services & Policy Research

Murday D.

Evaluation of the Caring for Tomorrow's Children Coupon Book - (GA00) **\$13,565**
SC Office of First Steps/SC Department of Education

Woods J.

Center for Health Services and Policy Research - (LA01) **\$40,000**
Palmetto Health Alliance

Environmental Health Sciences

Aelion M.

Urbanization and Southeastern Estuarine Systems - (FA16) **\$46,407**
SC Sea Grant Consortium

Bernhard J.

Foraminifera of Blake Ridge Surface and Near-Surface Sediments: Cellular Adaptations - (FA28) **\$6,453**
USCRF/University of North Carolina/NOAA

Chandler T.

Scott .

Urbanization and Southeastern Estuarine Systems - (FA19) **\$121,362**
SC Sea Grant Consortium/NOAA

Urbanization of Southeastern Estuarine Systems - (FA20) **\$55,829**
SC Sea Grant Consortium/NOAA

Urbanization of Southeastern Estuarine Systems - (FA15) **\$65,312**
SC Sea Grant Consortium/NOAA

Joint USC-Savannah River Ecology Laboratory Faculty Position in Phytoremediation - (FA14) **\$97,000**
USCRF/University of Georgia/DOE

Decho A.

Urbanization and Southeastern Estuarine Systems - (FA18) **\$41,304**
SC Sea Grant Consortium/NOAA

Environmental Health Sciences

Microbial Biofilms: A Parameter Altering the Apparent Optical Properties of Sediments, Seagrasses and Surfaces - (F107) **\$28,389**
Office of Naval Research

Microbial Biofilms: A Parameter Altering the Apparent Optical Properties of Sediments, Seagrasses and Surfaces - (F107) **\$9,000**
Office of Naval Research/DOD

McKellar H.

Urbanization and Southeastern Estuarine Systems - (FA17) **\$60,646**
SC Sea Grant Consortium/NOAA

Newman L.

Simplot Installation - (JA01) **\$62,760**
USCRF/HDR Engineering

Vernberg W.

Urbanization and Southeastern Estuarine Systems - (FA21) **\$45,259**
SC Sea Grant Consortium/NOAA

Epidemiology & Biostatistics

Aldrich T.

Carolina Asthma Surveillance and ED-Based Intervention - (FA13) **\$10,000**
Center for Disease Control/HHS

Coker A.

Domestic Violence Services in Rural HealthCare Clinics - (FA12) **\$5,000**
Centers for Disease Control/HHS

Hebert J.

GA: SCDHEC - (GP02) **\$13,792**
SC Department of Health & Environmental Control

Multicenter Coordinating Site for 24-hour Recall - (FA06) **\$70,001**
USCRF/Emory/NIH

Purchase and Provision of Services to Maintain the Alzheimer's Disease Registry and to Provide Educational Training and Program Development and Evaluation - (FA07) **\$563,388**
SC Department of Health and Human Services/HHS

Exercise Science

Durstine L.

GA: Johnson & Johnson Health Care Systems, Inc./ Eastman Chemical Co. - (J708) **\$10,500**
Johnson & Johnson Health Care Systems, Inc.

GA: Palmetto Richland Memorial Hospital - (LP00) **\$28,161**
Palmetto-Richland Memorial Hospital

Health Administration

Amidon R.

GA: Columbia Housing Authority - (HP00) **\$4,000**
Columbia Housing Authority

Baker S.

GA: VA Medical Center - (FP03) **\$1,499**
VA Medical Center/VA

Samuels M.

Rural African-American Research Center - (FA00) **\$479,149**
Health Resources & Services Administration/HHS

Health Promotion & Education

Sargent R.

GA: Richland County School District 1 - (HP04) **\$3,012**
Richland County School District 1

Norman J. Arnold School of Public Health - Dean

Pastides H.

Renovation of Carolina Plaza - (FL02) **\$688,630**
Health Resources & Services Administration/HHS

Wheeler F.

Partnerships for Improving Public Health Practice - (FJ02) **\$20,000**
Association of School of Public Health/HRSA

Prevention Research Center

Coker A.

SIP 11-01: Network for Understanding Lack of Pap Follow UP - (FA24) **\$324,997**
Centers for Disease Control

Pate R.

Physical Activity Training for Health Professionals - (FA14) **\$111,955**
Centers for Disease Control/HHS

Sharpe P.

Effects of Massage on Range of Motion and Flexibility - (KA01) **\$1,140**
American Massage Therapy Association Foundation

Regional and Four-Year Campuses

USC Aiken

McClellan S.

Child Care Initiative of First Steps - (GL05) **\$306,044**
Aiken County First Steps

USC Aiken

Priest J.

Aiken County Public School System/Science Center Affiliation - (H403) **\$50,000**
Consolidated School District of Aiken County

Shealy H.

Ecotone Restoration & Long-Term Vegetative Monitoring at Craig's Pond - (FA08) **\$12,044**
USCRF/USDA Forest Service

Weed K.

Precursors of Retardation in Children with Teen Mothers - (F166) **\$41,000**
University of Notre Dame/NIH

USC Beaufort

Casey M.

Student Support Services Program - (FL01) **\$27,582**
US Department of Education

USC Lancaster

Stinson M.

USC Lancaster Child Care Initiative of First Steps - (GL00) **\$19,378**
Lancaster County First Steps Partnership Board

USC Spartanburg

Bohannan P.

Utle Nursing Education Endowment - (K121) **\$1,936**
Carolina Piedmont Foundation

Davison F.

National Endowment for the Humanities Challenge Grant Income - (K411) **\$24,000**
Carolina Piedmont Foundation

Ferrell J.

Nursing Education and Research - (K120) **\$7,924**
Carolina Piedmont Foundation

Nursing Equipment - (K317) **\$483**
Carolina Piedmont Foundation

Human Genetics and Graduate Nursing Education - (K134) **\$14,500**
Carolina Piedmont Foundation

Jackson P.

Child Care for Low-Income Students at USCS - (F462) **\$21,800**
US Department of Education

USC Spartanburg

Minsky I.

Student Support Services Program - (FL05) **\$27,754**
US Department of Education

Stevens R.

*The Desegregation of Public Schools in S.C.: A Symposium of History
and Memory - (GL05)* **\$1,200**
SC Humanities Council

Turner J.

Microbiological Study - (L101) **\$1,860**
Milliken

Young A.

*USC Spartanburg Americorps - Other Member Support Revenue
Account - (LL01)* **\$31,615**
Americorps

USC Spartanburg AmeriCorps - Other Member Support - (FL09) **\$4,547**
SC Department of Education/Americorps

*USC Spartanburg Americorps - Member Support Revenue Account -
(LL00)* **\$16,058**
Americorps

USC Spartanburg AmeriCorps - Other Member Support - (FL09) **\$61,300**
SC Department of Education/SCCNCS/Americorps

USC Sumter

McLeod E.

Opportunity Scholars Program (TRIO) - (FL00) **\$27,754**
US Department of Education

School of Medicine

Basic Science Research

Allen D.

Project 2 - BRIN - (FA00) **\$209,244**
USCRF/National Center for Research Resources/NIH

Cell Biology & Neurosciences

Blake C.

Toxic and Estrogenic Actions of PCR's in Reproduction - (FA03) **\$84,694**
Benedict College/NIH

McDonald A.

Synaptic Organization of the Basolateral Amygdala - (F175) **\$1,505**
National Institute of Neurological Disorders & Str

Cell Biology & Neurosciences

Millette C.

Toxic and Estrogenic Actions of PCR's in Reproduction - (FA04) **\$70,103**
Benedict College/NIH

Developmental Biology & Anatomy

Goodwin R.

The Role of the Extracellular Matrix in Cardiomyocyte Proliferation - (FA03) **\$70,000**
Medical University of South Carolina/NIH

Family & Preventive Medicine

Bethea L.

Provision of the Services of a Board Certified Physician in the Assessment of Child Abuse and Neglect - (FL01) **\$1,817**
SC Department of Health & Environmental Control/HHS

Bostick R.

Cohort Study of Biomarkers for Recurrent Adenoma - (FA01) **\$9,512**
Vanderbilt University/NIH

McDermott S.

Secondary Conditions Associated with Disabilities - (FA00) **\$332,145**
Centers for Disease Control/HHS

Internal Medicine

Lin T.

A Randomized Comparator, Controlled, Double-Blinded Study of the Pioglitazone HCl versus Glyburide with Metformin and Insulin as Part of Step Therapy in Subjects with Type 2 (Non-Insulin Dependent) Diabetes - (JA02) **\$624**
Ingenix Pharmaceutical Services

Moloo J.

Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102) **\$610**
University of Texas Health Science Center/HHS

Medicine Library

Bioinformatics Core - BRIN - (FA00) **\$134,304**
USCRF/National Center for Research Resources/NIH

Pediatrics/Center for Developmental Disabilities

Neuberg R.

Affiliate Member Institution Agreement/NCCF - (F132) **\$7,600**
National Childhood Cancer Institute

Surgery

Nottingham J.

Clinical Protocol for Multi-Center, Double-Blind, Randomized Study of the Efficacy and Safety of a Single Dose of IV Parecoxib Sodium Followed by Up to Seven Days of Oral Valdecoxib for the Pain Following Laparoscopic Cholecystectomy - (JA00) **\$12,946**
Quintiles Pacific, Inc.

School of the Environment

Earth Sciences & Resources Institute

Non-Invasive for Determination of the Location & Distribution of Free-Phase DNAPL's by Science Reflection Techniques - (F142) **\$178,999**
USCRF/US Department of Energy

Vice President for Research

Vice President for Research - General

Baynes J.

South Carolina Biomedical Research Infrastructure Network (BRIN) - (FA00) **\$70,924**
USCRF/National Center for Research Resources/NIH

Dunlap B.

Training and Mentoring - BRIN - (FA01) **\$310,418**
USCRF/National Center for Research Resources/NIH

Grand Total **\$11,622,774**