

SPONSORED PROGRAMS and RESEARCH
February 2001

College of Education

Education

Winecoff L.

NEA: Teacher Education Initiative - (K406) **\$10,000**
National Education Foundation

Educational Psychology

Seaman M.

A Study of the Effects of Arts Education Reform (Part 2) - (GA00) **\$6,933**
SC Arts Commission

Instruction & Teacher Education

Kent L.

Dickey E.

Improving Teachers' Content Knowledge for Math Instruction in the Middle Grades - (FJ00) **\$74,538**
SC Commission on Higher Education/USDE

College of Engineering & Information Technology

Chemical Engineering

Amiridis M.

Parametric Studies of BASF's Purification Catalysts - (I132) **\$95,654**
SCRI/BASF Corporation

Matthews M.

Establishment of the Center for Water Research and Policy at USC - (I133) **\$58,214**
SCRI/US Department of Energy

Papathanasiou T.

Analysis of Composites Manufacturing Process - (F106) **\$7,290**
GLCC, Inc./ONR

Ritter J.

Doped Carbon Nanotubes for Hydrogen Storage (Part 1) - (FA04) **\$50,000**
SC Universities Research & Education Foundation/DOE

Van Zee J.

Establishment of the Center for Water Research and Policy at USC - (I134) **\$58,156**
SCRI/US Department of Energy

Chemical Engineering

Williams C.

*CAREER: Investigation of Catalysis at Solid-Liquid Interface by
Non-Linear Optical Spectroscopy - (FA05)* **\$375,000**
National Science Foundation - General

Civil & Environmental Engineering

Cooper A.

*CAREER: Development of Reactor Systems for Treatment of
NonPoint Source Pollution - (FA02)* **\$224,997**
National Science Foundation - General

Flora J.

*Establishment of the Center for Water Research and Policy at USC -
(I103)* **\$24,578**
SCRI/US Department of Energy

Meadows M.

*Establishment of the Center for Water Research and Policy at USC -
(I102)* **\$60,296**
SCRI/US Department of Energy

Computer Science & Engineering

Huhns M.

GA: Chipco Computer Distributors, Inc. - (JP11) **\$3,677**
Chipco Computer Distributors, Inc.

Matthews M.

GA: Chipco Distributors - (JP12) **\$2,954**
Chipco Computer Distributors, Inc.

GA: The Website Company - (JP10) **\$5,370**
The Website Company

Electrical Engineering

Dougal R.

Virtual Test Bed for Advanced Electrical Systems - (F170) **\$1,166,052**
Office of Naval Research/DOD

Santi E.

Monti A.

Dougal R.

Electric Ship Power Modeling and Simulation - (FA03) **\$127,232**
Florida State University/ONR

Mechanical Engineering

Giurgutiu V.

Review of Existing Work on "Smart" Control Surfaces - (J149) **\$6,682**
ADC Analysis & Design Consultants, LTD.

Mechanical Engineering

Reynolds A.

Metals Affordability Initiative - (I148) **\$10,000**
SCRI/Lockheed Martin Aeronautics/USAF

Rhodes C.

Technical Project Support - (I149) **\$5,000**
SCRI/Coastal Technologies, Inc.

College of Journalism & Mass Communications

Journalism & Mass Communications, College of

Zoch L.

*Establishment of the Center for Water Research and Policy at USC -
(I100)* **\$52,264**
SCRI/US Department of Energy

College of Liberal Arts

Archaeology & Anthropology, Institute of

Smith S.

On-Site and ICRMP Consultation - (GA00) **\$15,758**
SC Adjutant General

South S.

*Archaeological Research and Public Education at Charlestowne
Landing - (G129)* **\$59,998**
SC Department of Parks, Recreation and Tourism

Geography

Carbone G.

*Climate Variability and Agricultural Impacts in the Southern United
States - (F152)* **\$10,185**
University Corporation for Atmospheric Research/NSF

Cowen D.

*Establishment of the Center for Water Research and Policy at USC -
(I104)* **\$60,834**
SCRI/US Department of Energy

History

Wilson C.

The Papers of John Calhoun - (L108) **\$2,000**
Various Sources

Naval Science

Moon V.

NROTC Educational Instruction: Chemistry and Biology - (FJ01) **\$500**
US Navy/DOD

College of Nursing

Administrative & Clinical Nursing

Phillips K.

Correlates of Fatigue in HIV Disease - (KA00) **\$5,000**
Association of Nurses in AIDS Care

College of Science and Math

Baruch Institute

Almeida J.

*Optimization of Nonlinear Data Analysis Tools for the Assessment of
Microbial Communities - (I100)* **\$26,380**
SCRI/US Department of Energy

Fletcher M.

*A Regional Framework for Interconnectivity of Coastal Ocean
Observing Systems - (FA05)* **\$93,173**
Southeastern Universities Research Association/NSF

IOU Larval/Juvenile Fish Survey - (F113) **\$116,607**
SC Universities Research & Education Foundation/DOE

Biological Sciences

Sawyer R.

*Establishment of the Center for Water Research and Policy at USC -
(I189)* **\$57,962**
SCRI/US Department of Energy

Vance V.

Regulation of Post-Transcriptional Gene Silencing - (FA09) **\$209,525**
National Institute of General Medical Sciences/NIH

Center For Science Education

Astwood P.

*Eisenhower Professional Development Program: Upper Elementary
Grades Science Standards Project - (FJ00)* **\$69,416**
SC Commission on Higher Education/USDE

Chemistry & Biochemistry

Chen D.

*Workshop on Sorbents and Filter Materials in Chemical and
Biological Defense - (FA06)* **\$20,000**
Department of the Army/DOD

Chemistry & Biochemistry

Dawson J.

Editing: Journal of Inorganic Biochemistry - (J400) **\$2,833**
Elsevier Science, Inc.

Myrick M.

*Organic Synthesis, Device Fabrication and Characterization of
Nanoscale Electrical Rectifiers - (KA02)* **\$60,000**
American Chemical Society

Shimizu K.

New Strategies for Improved Imprinted Polymers - (FA05) **\$50,000**
National Institutes of Health - General/HHS

Geological Sciences

Cohen A.

*Establishment of the Center for Water Research and Policy at USC -
(I178)* **\$61,383**
SCRI/US Department of Energy

Kellogg J.

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

Paleologos E.

*Establishment of the Center for Water Research and Policy at USC -
(I179)* **\$56,410**
SCRI/US Department of Energy

Mathematics

Androulakis G.

Isomorphic Theory of Banach Spaces - (FA01) **\$26,174**
National Science Foundation - General

DeVore R.

*Rapid Approximation, Registration, and Rendering of Digital
Terrain Elevation Data - (FQ00)* **\$144,205**
Office of Naval Research/DOD

Physics & Astronomy

Whisnant S.

Salary Supplement for Liviu Popa-Simil - (FA05) **\$5,648**
Brookhaven National Laboratory/DOE

Statistics

Finch H.

GA: Fort Knox - (FP01) **\$1,406**
Fort Knox/US Army

Habing B.

*Advances in Local Independence and Unidimensionality Assessment
for Dichotomous and Polytomous Item Exams - (FA01)* **\$114,954**
National Science Foundation - General

*Advanced Placement Teacher Training Institute for Statistics -
(GJ00)* **\$10,114**
SC Department of Education

College of Social Work

Social Work, College of

Philp J.

Wright L.

Teen Companion Consultation Year Three - (G108) **\$120,362**
SC Department of Social Services

Raymond F.

GA: Beulah Grove Community Resource Center - (H720) **\$8,100**
Beulah Grove Community Resource Center

GA: Tracey Dixon - (GP01) **\$4,518**
First Steps to School Readiness/SC Department of Education

Wright L.

Training FP/AP Infants with Prenatal Substance Exposure - (FL05) **\$94,915**
SC Department of Social Services/HHS

Darla Moore School of Business

Business Administration - Division Of Research

Roefeldt R.

GA: SC Department of Transportation - (GP04) **\$5,125**
SC Department of Transportation

GA: NetGen - (JP13) **\$10,830**
NetGen

GA: Colite International, Ltd. - (JP14) **\$2,100**
Colite International, Ltd.

GA: Conita Technologies, Inc. - (JP15) **\$2,800**
Conita Technologies

Teel S.

Economic Impact of the Cultural Industry - (GA01) **\$26,950**
SC Arts Commission

Small Business Development Center

Lenti J.

SBDC Regional Center-DLA - (FL01) **\$48,934**
Defense Logistics Agency/ONR

SBDC Control Center-DLA - (FL00) **\$102,254**
Defense Logistics Agency/ONR

Earth Sciences & Resources Institute

Earth Sciences & Resources Institute

Kloot R.

Shafer J.

*Natural Resources and Conservation Decision - Support System -
(F144)* **\$550,000**
USDA Natural Resources Conservation Service

Shafer J.

*Establishment of the Center for Water Research and Policy at USC -
(I199)* **\$93,657**
SCRI/US Department of Energy

Institute for Families in Society

Families in Society, Institute for

Andrews A.

Center for Family & Society - (K400) **\$33,553**
Nord Family Endowment Fund

*Mecklenburg County Family Court - Mediation Pilot Program -
(I118)* **\$25,114**
SCRI/Mecklenburg County/NCJFCJ

*Evaluation and Technical Assistance to the Duke Endowment -
(K113)* **\$200,000**
Duke Endowment

Hirshorn B.

*Senior Community Services Employment Program - Best Practices -
(I119)* **\$23,256**
SCRI/National Council on Aging

Lopez-DeFede A.

*South Carolina Statewide Hispanic/Latino Needs Assessment -
(G112)* **\$5,000**
SC Department of Health and Environmental Control

Institute of Public Affairs

Public Affairs, Institute of

Kelsey H.

*Completion of the Southeast Environmental Funding Database
South Carolina Section - (I110)* **\$4,000**
SCRI/University of North Carolina/EPA

Oldendick R.

Middlesex Hospital Community Benefit Study - (I109) **\$25,400**
SCRI/University of Missouri-Columbia

Norman J. Arnold School of Public Health

Communication Sciences & Disorders

Finan D.

Vocal Tract Physiologic Assessment Suite - (KQ00) **\$25,000**
SC Research Institute

Environmental Health Sciences

Aelion M.

*Establishment of the Center for Water Research and Policy at USC -
(I105)* **\$29,440**
SCRI/US Department of Energy

Chandler T.

Scott G.

*LU-CES: Contaminant & Toxicology Research - Clam Toxicity Tests
& Microbiology Research - (FA06)* **\$51,560**
SC Sea Grant Consortium/NOAA

Feigley C.

*The SC Traumatic Brain Injury Registry & Follow-Up System -
(FL00)* **\$11,295**
Medical University of South Carolina/CDC

Porter D.

*P/M-2D - Evaluation of the Hypsometric Function of the Colleton-
Okatee Rivers Salt Marsh System Using Airborne Photography and
Remote Sensing Techniques - (FA07)* **\$15,710**
SC Sea Grant Consortium/NOAA

*Mathematical Modeling of Biocomplexity for Environmental
Resource Management - (I106)* **\$19,305**
SCRI/SUNY-University at Albany/NSF

Epidemiology & Biostatistics

Drane W.

GA: SC Budget and Control Board - (GP00) **\$3,456**
SC Budget and Control Board

Epidemiology & Biostatistics
GA: US Computing, Inc. - (JP00) **\$10,752**
US Computing, Inc.

Weinrich S.

Collaborative Recruitment Centers for African American Hereditary Prostate Cancer - (F101) **\$71,147**
Wayne State/Howard University/NIH

Exercise Science

Williams H.

GA: Capital Senior Center - (JP01) **\$1,500**
Capital Senior Center

Health Administration

Dodson D.

GA: Department of Veterans Affairs Medical Center - (FP02) **\$1,500**
Department of Veterans Affairs

GA: Providence Hospital - (LP11) **\$1,807**
Providence Hospital

Stoskopf C.

GA: Palmetto Health Alliance - (JP08) **\$2,570**
Palmetto Healthy Start/Palmetto Health Alliance

Health Promotion & Education

Reininger B.

Evaluation of Recovering Profession Program - (GA00) **\$17,565**
SC Department of Alcohol & Other Drug Abuse Service

Sargent R.

GA: Greater Columbia Literacy Council - (KP00) **\$1,500**
Greater Columbia Literacy Council

GA: Blue Cross Blue Shield of South Carolina - (JP05) **\$3,000**
Blue Cross Blue Shield of South Carolina

Youth Risk Behavior Survey (YRBS) Surveillance and Evaluation - (FA07) **\$21,515**
SC Department of Education/CDC

Valois R.

South Carolina Youth Tobacco Survey (YTS) - (GA01) **\$29,799**
SC Department of Health and Environmental Control

Health Promotion & Education

Vincent M.

Evaluation Plan for the SC Adolescent Pregnancy Prevention Initiative for SC DSS - (F114) **\$283,940**
Department of Health and Human Services

Prevention Research Center

Ainsworth B.

Health Promotion and Disease Prevention Research Centers - (FA00) **\$5,240**
Centers for Disease Control/HHS

Regional and Four-Year Campuses

USC Aiken

Johnson G.

GEAR UP Summer Institute/Saturday Academy - (F497) **\$2,148**
SC Commission on Higher Education/USDE

Priest J.

Allendale County Schools Professional Development Project in Mathematics - (FL03) **\$63,330**
SC Commission on Higher Education/USDE

Willbrand A.

Incorporating FT-NMR Spectroscopy in the Chemistry Curriculum - (KQ00) **\$26,000**
Camille & Henry Dreyfus Foundation, Inc.

USC Spartanburg

Rice H.

Advanced Placement Teacher Institute - (GJ00) **\$7,665**
SC Department of Education

Thomas B.

Herpetofaunal Inventory of the Kings Mountain National Military Park - (FA01) **\$3,551**
National Park Service/DOI

Turner J.

Microbiobial Study - (LI01) **\$8,790**
Milliken/Various Sources

School of Medicine

Cell Biology & Neurosciences

Millette C.

L-Selectin and Testicular Cell Interactions - (FA02) **\$222,856**
National Institute of Child Health & Human Development/NIH

Internal Medicine

Gonzalez F.

AG3340-009 A Randomized Double-Blind, Placebo Controlled, Phase III Study of Matrix Metalloproteinase Inhibitor AG3340 in Hormone-Refractory Prostate Cancer - (J136) **\$3,000**
Agouron Pharmaceuticals, Inc.

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) **\$3,000**
Ingenix Pharmaceutical Services

Omoigui N.

Antihypertension Lipid Lowering Heart Attack Trial (ALLHAT) Vanguard Center - (F102) **\$1,787**
University of Texas Health Science Center/NIH

Neuropsychiatry

Hwang T.

A Double-Blind, Placebo-Controlled, Safety, Efficacy and Dose Response Trial of Two Intravenous Doses of BMS-204352 in Patients with Acute Stroke - (J111) **\$2,000**
Bristol Myers Squibb Company

Pediatrics/Center for Developmental Disabilities

Ferrante R.

Personnel Development Collaboration - (FL02) **\$3,000**
SC Department of Education/USDE

Lamb L.

Antileukemic Effect of Gamma/Delta T Cells - (FA00) **\$109,352**
National Cancer Institute/NIH

Pharmacology & Physiology

Wolf M.

Doxorubicin Produces Endothelial Barrier Dysfunction Through an Apoptotic Mechanism - (KA00) **\$8,500**
SC Medical Association

School of the Environment

School of the Environment

Coull B.

Establishment of the Center for Water Research and Policy at USC - (I102) **\$136,806**
SCRI/US Department of Energy

Grand Total

\$6,306,806