Business, Moore School of

Business, Dean’s Office
Lenti, John
Defense Economic Transition Assistance - Control Center - (21250-FL23) 103,268
Small Business Administration (SBA)

Education, College of

Education
Michaels, David
SCRI/SCRF Data Warehouse - (15200-FL02) 25,931
SC Department of Education

Instruction & Teacher Education

Kuhs, Therese
Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2- and 4-Year Colleges - (15250-FJ07) 883,019
US Department of Education (USDE)
Co-PI: Dickey, Ed; Thompson, Stephen; Zenger, Jane;

Swick, Kevin
USC Learn and Serve America - (15250-FJ08) 15,000
SC Department of Education/SSA

Office of Program Evaluation
Fisher, Steven
Proposal to Evaluate the Southeastern Regional Center for Ocean Science Education Excellence - Year 3 - (15290-FL03) 33,400
SC Sea Grant Consortium/DOC
Engineering & Information Technology, College of Chemical Engineering

Davis, Thomas
Hydrogen Technology Learning Centers - (15510-FA60)
North Carolina Agricultural & Technical State University/DOE

12,630

Popov, Branko
Development of Low Cost Bench Scale Coating Process for Preparation of GDL - (15510-JA43)
Fuji Photo Film, Inc.

111,247

Civil & Environmental Engineering

Imran, Jasim
Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels - (15520-FA13)
National Science Foundation (NSF)

74,806

Computer Science & Engineering

Valtorta, Marco
Prior and Tacit Knowledge Services - (15590-FA25)
Georgia Institute of Technology/DOD

40,662

Engineering & Information Technology, College of

White, Ralph
Professorship in Nuclear Production of Hydrogen and Hydrogen Storage and Infrastructure Development - (15500-FA05)
SC Universities Research and Education Foundation (SCUREF)/DOE

45,414

Clean Energy Research - (15510-FA59)
US Department of Energy (DOE)

2,008,522

Mechanical Engineering

Bayoumi, Abdel
Consortium Project #17: Internet University Reactor Experiments for Education in Nuclear Engineering and Research in Science - (15540-FA37)
NC State University/DOE

70,015
Giurgiutiu, Victor
*PWAS Phased Array Confirmation Test - (15540-JA20)*
Boeing Corporation

Khan, Jamil
*Remote Ultrasonic Diagnostics of Material Damage Under High Radiation and High Temperatures - (15540-JA15)*
Westinghouse Electric Co. LLC

Reynolds, Anthony
*Understanding the Dynamic Fracture Response of Heterogeneous Structures for Defense Applications - (15540-FA34)*
USCRF/Office of Naval Research (ONR)/DOD

*FSP I/U CRC Operation Account - (15540-JA21)*
Various Sponsors

**Environment, School of the**
*Environment, School of the*
Coull, Bruce
*SC Lowcountry Humans and Nature Program - (10060-KL00)*
The Hasting Center

**Honors College, South Carolina**
*Honors College, South Carolina*
Burns, James
*Adventures in Creativity - (12010-GL03)*
SC Department of Education
Liberal Arts, College of

Archaeology & Anthropology, SC Institute of
Brooks, Mark
  Cultural Resource Management on the SRS - (21300-F110)  150,000
  US Department of Energy (DOE)

Smith, Steven
  Search for Fort Balfour and the Coosawhatchie Battlefield - (21300-HA00)  7,301
  Lowcountry Council of Governments

Criminology & Criminal Justice, Department of
Kaminski, Robert
  Deaths in Custody Data Collection Project - (12200-GA01)  8,500
  SC Department of Public Safety

English
Williams, Harriett
  National Writing Project - (12530-FL03)  16,500
  National Writing Project Corporation/USDE

Geography
Hardisty, Frank
  Prostate Cancer ESDA and Spatial Analysis - (13540-FA27)  3,010
  Penn State/CDC

Kovacik, Charles
  SC Geographic Alliance - (13540-GJ06)  84,508
  SC General Assembly/Geographic Alliance

History
Doyle, Don
  Summer Seminars for College and University Teachers on "Faulkner and Southern History" - (12060-FA02)  131,033
  National Endowment for the Humanities (NEH)
McKissick Museum
Robertson, Lynn
"Hallowed Ground" Film Completion Phase - (34000-FA06)  
1,250
The Humanities Council/NEH

Naval Science
Gordon, William
NROTC Educational Instruction Calculus and Physics - (13560-FJ07)  
3,000
US Navy/DOD

Public Service & Policy Research, Institute for
Beacham, Jeffery
Congaree Land Trust BDR's Phase 2 - (12500-KL00)  
5,780
Congaree Land Trust

Mass Communications & Information Studies, College of
Journalism & Mass Communications, School of
Jackson, Patricia
Communications Training Course - (15600-FL26)  
4,300
Social Security Administration (SSA)

Medicine, School of
Cell & Developmental Biology & Anatomy
Goodwin, Richard
The Role of MYC in Regulating Angiogenesis during Tumorigenesis and Development - (18020-FA03)  
166,750
Medical University of South Carolina/NIH

Family & Preventive Medicine
McDermott, Suzanne
DDSN STEPS To Your Health - (18130-GL08)  
15,000
SC Department of Disabilities and Special Needs
Sponsored Awards Management (SAM)
October, 2004

**Internal Medicine**

Eleazer, G.
South Carolina Consortium for Cardiovascular Disease and Stroke - (18190-LA00)  
Palmetto Health Alliance

Lin, Tu
A Multicenter, Double Blind, Randomized Placebo-Controlled Parallel Safety of TAK in Type 2DM  
- (18190-JA15)
Takeda Pharmaceutical North America

A Multicenter, Double Blind, Randomized Placebo-Controlled Parallel Safety and Efficacy Study of TAK - (18190-JA16)  
Takeda Pharmaceutical North America

Talwani, Rohit
Midlands Care Consortium: Linkage to HIV Care Demonstration Project - (18190-FL17)  
SC Department of Health & Environmental Control (DHEC)/CDC

Midlands Care Consortium - CBC/MAI Discharge Planning - (18190-FL20)  
SC Department of Health & Environmental Control (DHEC)/HHS

**Medicine, School of - (Dean)**

Fowler, Stanley
South Carolina Consortium for Cardiovascular Disease and Stroke - (18360-L100)  
Palmetto Health Alliance

**Obstetrics & Gynecology**

Best, Robert
Establishment of a Resource for the Identification of Genetic and Environmental Factors Involved in the Development of Anencephaly - (18110-FA00)
Integrated Laboratory Systems/NIH
<table>
<thead>
<tr>
<th><strong>Pathology &amp; Microbiology</strong></th>
<th><strong>Wargovich, Michael</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Tea Modulation of Colon Carcinogenesis</em> - (18060-FA03)</td>
<td>23,000</td>
</tr>
<tr>
<td>National Cancer Institute (NCI)/NIH</td>
<td></td>
</tr>
</tbody>
</table>

| **Prostate Cancer Consortium Award "Nutrition Project"** - (18060-FA11) | 10,485 |
| University of NC at Chapel Hill/DOD |

<table>
<thead>
<tr>
<th><strong>Pediatrics</strong></th>
<th><strong>Ferrante, Richard</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Training in Early Childhood Solutions</em> - (18140-FL32)</td>
<td>619,526</td>
</tr>
<tr>
<td>SC Department of Health &amp; Environmental Control (DHEC)/USDE</td>
<td></td>
</tr>
</tbody>
</table>

| **Personnel Development Collaboration TBI School/District Team Training Pilot** - (18140-FL34) | 3,000 |
| SC Department of Energy/DOE |

| **Neuberg, Ronnie** | **Sickle Cell Case Management and Clinical Services** - (18140-FL33) | 10,063 |
| SC Department of Health & Human Services/HHS |

| **Peters, Rachel** | **Novo Nordisk SimpleXx 2051** - (18140-JA00) | 13,728 |
| Novo Nordisk Pharmaceuticals, Inc. |

<table>
<thead>
<tr>
<th><strong>Research &amp; Special Projects</strong></th>
<th><strong>Howe, Duncan</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Pumpkin Patch Festival Health Fair</em> - (18360-KL05)</td>
<td>1,000</td>
</tr>
<tr>
<td>John T. Stevens Foundation</td>
<td></td>
</tr>
</tbody>
</table>
Surgery
Yost, Michael
Cardiovascular Tissue Engineering - (18200-FA03) 6,500
Medical University of South Carolina/NASA

Cardiovascular Tissue Engineering - (18200-GA00) 7,552
SC EPSCoR Program

Nursing, College of Nursing
Cox, Mary
Using Focus Groups to Understand Mother-Child Communication About Sex and Sexual Behavior - (11200-KA00) 1,000
Sigma Theta Tau, Inc.

Herman, JoAnne
Center for Senior Hypertension - (11200-KL00) 5,412
Palmetto Health Alliance/Duke Endowment

Public Health, Arnold School of Environmental Health Sciences
Newman, Lee
Joint USC-Savannah River Ecology Laboratory Faculty - (11510-FA41) 105,000
University of Georgia/DOE

Epidemiology & Biostatistics Cunningham, Joan
Training of Claflin Minorities at USC Cancer Center - (11520-FA51) 2,780
National Cancer Institute (NCI)/NIH
Foppa, Ivo  
*Latitude and the Duration of Neartic WNV Outbreaks* - (11520-FA52)  
10,000  
Harvard School of Public Health/NIH

**Exercise Science**

Carson, James  
*Eicosapentaenoic Acid and Exercise as a Cachexia Countermeasure - Doctoral Student*  
*Research Grant Program - Kristen A. Mehl* - (11530-KA14)  
American College of Sports Medicine Foundation  
5,000

Pate, Russ  
*Trail of Activity for Adolescent Girls - Program Champions* - (11530-FA19)  
736,637  
National Heart, Lung & Blood Institute (NHLBI)/NIH

*Physical Activity in Preschool Children (parent grant, supplement 1, supplement 2)* - (11530-FA22)  
105,605  
National Institute of Child Health & Human Development (NICHD)/NIH

**Physical Activity in Preschool Children**

Youngstedt, Shawn  
*Preventing Risks of Long Sleep* - (11530-FA14)  
205,243  
National Heart, Lung & Blood Institute (NHLBI)/NIH

*Preventing Risks of Long Sleep - Postdoctoral Training* - (11530-FA21)  
40,740  
US Department of Health & Human Services (HHS)

**Health Promotion, Education & Behavior**

Neal, Albert  
*National Youth Sports Program (NYSP) Supplementary Grant A3* - (11540-HL00)  
5,000  
City of Columbia

Richter, Donna  
*Evaluation of Needlestick Prevention* - (11500-FL06)  
20,000  
National Institute for Occupational Health & Safety/CDC
Valois, Robert
A Multilevel HIV Prevention Strategy for High-Risk Youth - (11540-FA26) 206,661
National Institute of Mental Health (NIMH)/NIH

Watkins, Ken
GA: Rebehak Sagan - (11540-LP17) 14,000
Lexington Medical Center

Health Services & Policy Research, Center for
Cornman, Carol
Memorandum of Understanding for Statistical Analysis - (11580-KL02) 15,114
Palmetto Health Richland

Health Services Policy and Management
Laditka, Sarah
Memorandum of Understanding - (11550-LA01) 33,582
Palmetto Health Richland

McTigue, James
GA: Ava Dean - (11550-LP57) 3,000
Palmetto Health Alliance

Research & Nutrition & Health Disparities, Center for
Baxter, Suzanne
Children’s Dietary Recalls: Methodology and Accuracy - (11590-FA01) 624,136
National Heart, Lung & Blood Institute (NHLBI)/NIH
Research & Health Sciences, Vice President

Families in Society, Institute for
Andrews, Arlene
Technical Assistance - Phase II
Mental Health Services to Children, Adolescents, and their Families:
System of Care Development - (10010-GL06)
SC Department of Mental Health

Design, Implementation and Evaluation of Sisters of Charity Foundation's Proactive Grantmaking
- (10010-K120)
Sisters of Charity Foundation

Science and Mathematics, College of

Baruch Institute
Allen, Dennis
Mobile Link Organisms as Processors and Transporters of Materials within a Marsh-Estuarine Ecosystem - (21600-FA78)
Coastal Carolina University/NSF

Quattro, Joseph
FISHTEC: Molecular genetics of fish populations - (21600-FA77)
SC Sea Grant Consortium/NOAA

Biological Sciences
Marton, Laszlo
Novel Accelerated in Vitro Breeding for Phytoremediation - (13010-FA81)
Southern Sun Biosystems, Inc./NEIHS/HHS

Timmerman, Briana
Peer Review as a Mechanism for Both Curriculum Reform and Assessment - (13010-FA73)
National Science Foundation (NSF)
Woodin, Sarah
*Real-Time Measurements of Sediment Modification by Large Macrofauna* - (13010-FA49) 71,313
Office of Naval Research/DOD

Chemistry & Biochemistry

Baynes, John
*Noninvasive Skin Spectroscopy for Diabetes Screening-STTR Grant with InLight Solutions* - (13020-FA75) 78,008
InLight Solutions/NIH

Dawson, John
*Editing: Journal of Inorganic Biochemistry* - (13020-J400) 11,336
Elsevier Science, Inc.

Morgan, Stephen
*Environmental Effects on Textile Fibers* - (13020-FA74) 7,000
Federal Bureau of Investigation

Geological Sciences

Astwood, Phillip
*SC Junior Science and Humanities Symposium* - (13090-FA05) 12,400
Academy of Applied Sciences/DOD

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

GEGEO-Technical and Scientific Cooperation Between the National University of Equatorial Guinea and the University of South Carolina - (13040-LA02) 50,000
ExxonMobil Equatorial Guinea, Inc.

Lakshmi, Venkataraman
*Use of Soil Moisture Observations for Improved Prediction of the North American Monsoon Precipitation* - (13040-FA91) 17,902
National Oceanic & Atmospheric Administration (NOAA)/DOC

Page 12
Yogodzinski, Gene
**Collaborative Research: Primitive Magmatism and Crustal Genesis in an Island Arc** - (13040-FA92)
National Science Foundation (NSF)  
$129,533$

Mathematics
DeVore, Ronald
**Analysis and Numerical Algorithms for Data Processing and Fast Solution of PDEs** - (13060-FA07)
Office of Naval Research (ONR)/DOD  
$158,000$

**Smooth Piecewise-Polynomial Terrain Representation Using Nontraditional Metrics** - (13060-FA18)
Schafer Corporation/ARO  
$45,000$

Physics & Astronomy
Djalali, Chaden
**SURA/JLAB-USC One Year Faculty Bridge Position** - (13070-FA47)
SURA/Jefferson Laboratory/DOE  
$66,000$

Science & Math Administration
Crawley, Gerard
**Recruiting Talented Minority Students into Physics and Astronomy** - (13000-FJ01)
US Department of Education (USDE)  
$249,066$

Social Work, College of
Social Work, College of
Flynn, Cynthia
**South Carolina Interagency Deaf-Blind Project** - (15900-FL25)
SC School for the Deaf and Blind/USDE  
$27,053$

Paget, Kathleen
**Evaluation of School-Based Mental Health Services** - (15900-GL08)
SC Department of Mental Health  
$23,664$
Sponsored Awards Management (SAM)
October, 2004

Student Affairs, Division of
International Programs for Students
Willer, Patricia
U.S. - Brazil Higher Education Consortia Program - (25100-FJ00) 3,296
UNC Charlotte/USDE

Student Life
Talbott, Laura
Changing the Culture of Drinking at USC through Peer-Based Education and Outreach - (46300-FL25) 20,000
The Phoenix Center/SCDAODAS/DOJ

USC Aiken
USC Aiken
Gelinas, Cynthia
University of South Carolina Aiken Comprehensive Alcohol Program - (17110-FL28) 8,000
Phoenix Center/DAODAS/DOJ

Priest, Jeffrey
Center of Excellence in Advancing Rural, Under-Performing Schools (CEARUPS) - (17110-133,657
SC Commission on Higher Education

Aiken County Public School System/Science Center Affiliation - (17110-H403) 50,000
Aiken County School System

Smith, Garriet
CRESS 2002: Integrating Science and Management in the Caribbean - (17110-FA16) 3,387
University of Puerto Rico/NOAA
USC Beaufort

Quick, Gail
Heritage Classic Foundation Lecture Hall Sponsorship - (17220-KQ01) 75,000
Heritage Classic Foundation

USC Upstate

Avery, Reginald
SHA Hope VI Grant - (17880-FL51) 155,757
Spartanburg Housing Authority/HUD

Ferrell, Jim
Palmetto Professorship - (17880-K128) 5,000
Carolina Piedmont Foundation

Minsky, Ina
Student Support Services - Grant-in-Aid - (17880-FL49) 32,275
US Department of Education (USDE)

Perry, John
Health Education Complex at USCS - (17880-FA08) 196,832
Health Resources & Services Administration (HRSA)/HHS

Stockwell, John
South Carolina Quality Forum - (17880-JL00) 14,000
Carolina Piedmont Foundation/Various Sponsors
Turner, Jack
Watershed Ecology Center Education Program - (17880-KL00)
Carolina Piedmont Foundation

Report Total: $10,377,212