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Business, Moore School of
Business, Division of Research
Folks, William
Center for International Business Education and Research (CIBER) - (21200-FA10) US Department of Education (USDE) 365,644

Schunk, Donald
Economic Impact of the Petroleum Industry in South Carolina - (21200-JA11) SC Petroleum Marketers Association 16,517

Woodward, Douglas
Economic Impact of Electric Cooperatives in South Carolina - (21200-JA10) Central Power and Electric Cooperatives 15,295

Education, College of
Education Leadership & Policies
Stevenson, Kenneth
Evaluation of the "TECH" Program of the Educational Television Endowment of South Carolina - (15230-FA00) SC ETV/NSF 39,881

Educational Psychology
Brown, William
Technical Assistance Project for Personnel Who Work with Preschool Children Who Have Disabilities and Who Are At Risk for or Who Have Problem Behaviors - (15240-FJ04) Office of Exceptional Children in the South Carolina Department of Education 84,986

Instruction & Teacher Education
Styslinger, Mary
SCRI Middle Grades - (15250-GL19) SC Department of Education 3,000
Office of Program Evaluation

Yap, Ching Ching

Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2004-2005) - (15290-GL10) 45,000
SC Department of Education

Standards-Based Arts Assessment in South Carolina 2004-2005 (Dance & Theatre) - (15290-GL11) 48,000
SC Department of Education

Engineering & Information Technology, College of

Chemical Engineering

Amiridis, Michael

Catalytic Performance of Metal Particles on Mesoporous Supports - (15510-FA13) 12,660
Oak Ridge National Laboratory/DOE

Parametric Studies of BASF's Purification Catalysts - (15510-J145) 94,925
BASF Corporation

Davis, Thomas

Centralized Hydrogen Production from Nuclear Power: Infrastructure Analysis and Test Case Design - (15510-FA25) 27,248
SC Universities Research and Education Foundation/WSRC/DOE

Pilot Testing of Zero-Discharge Seawater Desalination - (15510-FA58) 150,000
Bureau of Reclamation/DOI

Ploehn, Harry

Graduate Research Fellowship - (15510-FA57) 40,500
National Science Foundation (NSF)
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<th><strong>Ritter, James</strong></th>
<th>Development of Robust Process Simulators for NASA Adsorption Technology - (15510-FA56)</th>
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<th>Sponsored Research Effort for Finnchem USA, Inc. - (15510-JA37)</th>
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**Civil & Environmental Engineering**

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**Computer Science & Engineering**

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**Electrical Engineering**

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**Engineering & Information Technology, College of**

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<th><strong>White, Ralph</strong></th>
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Mechanical Engineering
Darabi, Jeff

Development of a Micropump for Thermal Management of Space Electronics - (15540-FA49)  
College of Charleston/Space Consortium  
25,000

Development of a Micropump for Thermal Management of Space Electronics - (15540-GA05)  
College of Charleston/Space Consortium  
11,445

Giurgiutiu, Victor

Predictive Methodologies for the Design of Lamb-Wave Piezoelectric Wafer Active Sensors for Structural Health Monitoring, Damage Detection and Failure Prevention - (15540-FA42)  
National Science Foundation (NSF) - General  
42,722

SPIDAS-Self Processing Integrated Damage Assessment Sensor for Structural Health Monitoring - (15540-FA51)  
College of Charleston/Space Grant Consortium/NASA  
30,000

Reynolds, Anthony

Heterogeneous Material for Defense Applications - State Matching Account for 15540-FA34 - (15540-GA06)  
SC EPSCoR Program  
69,983

Damage Tolerance of Built-Up Aluminum Aerospace Structures: Addition to for FSW of Titanium Sheet 3 - (15540-JA19)  
Boeing Corporation  
30,000

Sutton, Michael

NASA Space Grant Consortium Grant - (15540-FA08)  
College of Charleston/NASA  
3,974
Liberal Arts, College of

Archaeology & Anthropology, SC Institute of
Clement, Christopher
FY 04 Phase II Evaluation of Archaeological Sites at Fort Jackson, Richland County, South Carolina
And Monitor Archeological Sites for Impacts by Human or Natural Occurrences for CY04 – (21300-FA23) 182,050
US Army Medical Research Acquisition Activity/DOD

Criminology & Criminal Justice, Department of
Brame, Robert
The Impact of Proactive Enforcement of No-Contact Orders on Victim Safety and Repeat Victimization - (12200-FA07) 446,542
National Institute of Justice (NIJ)/DOJ

Geography
Cowen, David
GA: Joe Dickerson - (13540-GP09) 8,128
SC National Guard

Cutter, Susan
Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA20) 51,950
National Aeronautics & Space Administration (NASA)

Collaborative Research: Placed-Based Decision Support for Spatial and Temporal Transference of Risk and Hazards - (13540-FA28) 400,000
National Science Foundation (NSF)

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Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems - (13540-FA19) 84,765
National Aeronautics & Space Administration (NASA)

Jakubs, John
Francis Marion and Sumter National Forest GIS Digital Update - (13540-FA15) 480
US Forest Service/USDA
Jensen, John  
*Development of Remote Sensing-assisted Natural and Technological Hazards Decision Support Systems* - (13540-FA18)  
National Aeronautics & Space Administration (NASA)  

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History  
Doyle, Don  
*Summer Seminars for College and University Teachers on "Faulkner and Southern History"* - (13550-FA08)  
National Endowment for the Humanities (NEH)  

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Political Science  
Tyrer, Charlie  
GA: *City Manager's Office* - (13570-HP10)  
City of Columbia  

9,761  

GA: *City Manager* - (13570-HP11)  
City of Columbia  

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Psychology  
Griffin, Eugena  
*Racial Stress Coping Scale* - (13580-FA23)  
National Institute of General Medical Sciences (NIGMS)/NIH  

29,277

Van Horn, M. Lee  
*Effects of Classroom Practices and School Context* - (13580-FA32)  
National Institute of Child Health & Human Development (NICHD)/NIH  

72,750

Sociology  
Steelman, Lala  
"Mapping" Tracking in Elementary Grades - (13530-FA05)  
National Science Foundation (NSF)  

160,380
Theatre, Speech & Dance
Hunter, Jr.,
GA: Bethany A. Ford, Patrick K. Mullins, Derante’ D. Parker, and Vincent A. Masterpaul  -  (12580-GP01)
SC Department of Health & Environmental Control (DHEC)

Mass Communications & Information Studies, College of
Journalism & Mass Communications, School of
Collins, Erik
GA: Mary-Kathryn Craft  -  (15600-GP10)
SC Department of Health & Environmental Control (DHEC)

GA: Jordan Storm  -  (15600-GP11)
SC Department of Consumer Affairs

Medicine, School of
Cancer Center, South Carolina
Pirisi-Creek, Lucia
Papillomavirus Conference 2001-06  -  (18070-FA01)
National Cancer Institute (NCI)/NIH

Cell & Developmental Biology & Anatomy
Borg, Thomas
Three-Dimensional Micropatterned Cardiac Tissue Culture  -  (18020-FA13)
University of California - San Diego/NIH

Carver, Wayne
IGF-I and Mechanical Stimulation of Heart Fibroblasts  -  (18020-KA05)
American Heart Association
Family & Preventive Medicine
Baxley, Elizabeth
Palmetto Health Affiliation - (18130-K401) 57,357
Palmetto Health Alliance

Palmetto Health Affiliation - (18130-K402) 4,812
Palmetto Health Alliance

Internal Medicine
Chillag, Shawn
Palmetto Health Affiliation - (18190-K402) 10,999
Palmetto Health Alliance

Chillig, Shawn
Palmetto Health Affiliation - (18190-K401) 119,493
Palmetto Health Alliance

Talwani, Rohit
A Phase IV, Randomized, Multi-center, Open-label Study to Compare the Safety, Tolerability and Efficacy of TRIZIVIR DID vs. COMBIVIR DID + Atazanavir 400 mg QD in Antiretroviral Naive HIV-1 Infected Subjects Over 48 Weeks (GSK ESS100327). - (18190-JA20) 3,609 GlaxoSmithKline
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**Medicine, School of - (Dean)**
Faulkner, Larry
  *Palmetto Health Affiliation - (18070-K401)*  
  Palmetto Health Alliance  
  3,880

*Palmetto Health Affiliation - (18100-K401)*  
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8,150

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Palmetto Health Alliance  
15,900

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Palmetto Health Alliance  
29,328

**Neuropsychiatry**
Harding, Richard
  *Palmetto Health Affiliation - (18120-K401)*  
  Palmetto Health Alliance  
  54,598

*Palmetto Health Affiliation - (18120-K402)*  
Palmetto Health Alliance  
10,313

**Narasimhan, Meera**
The Comparison of Efficacy and Safety of Continuing Olanzapine to Switching to Quetiapine in Overweight or Obese Patients with Schizophrenia or Schizoaffective Disorder - (18120-JA02)
Lilly Research Laboratories  
16,621
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Pediatrics
Derrick, C.
*Palmetto Health Affiliation - (18140-K401)*
47,005
Palmetto Health Alliance

*Palmetto Health Affiliation - (18140-K403)*
7,755
Palmetto Health Alliance

Ferrante, Richard
*Ticket to Work Program - (18140-FL31)*
198,806
SC Department of Health & Human Services/HHS

Pharmacology, Physiology & Neuroscience
Fisher, Janet
*Structural Determinants of GABA-A Receptor Function - (18080-FA04)*
236,912
National Institute of Neurological Disorder & Stroke/NIH

Wilson, Marlene
*Amygdalar Neuropeptides and Anxiety - (18080-FA00)*
291,000
National Institute of Mental Health (NIMH)/NIH

Surgery
Bell, Richard
*Palmetto Health Affiliation - (18200-K402)*
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Palmetto Health Alliance

Yost, Michael
*Cardiovascular Tissue Engineering - (18200-FA03)*
6,000
Medical University of South Carolina/NASA

*Tissue Engineering of Skeletal Muscle - (18200-FA04)*
14,826
New York University/NIH
Nursing, College of

Nursing
Messias, DeAnne
Hispanic Health Services Research Grant Program - (11200-FJ00) 124,774
Centers for Medicare & Medicaid Services/HHS

Scharer, Kathleen
Social Support for Mothers of Mentally Ill Children - (11200-FA03) 315,133
National Institute of Nursing Research (NINR)/NIH

Pharmacy, College of

Basic Pharmaceutical Sciences
Berger, Sondra
The Sphingosine Kinase 1/Sphingosine-1-phosphate Pathway as a New Target for Colon Cancer Chemoprevention - (11110-FA11) 6,892
Medical University of SC/Geo-Centers/DOD

Smith, Eric
Carcinogen Penetration Enhancement in Respiratory Tract Tissue - (11110-FA10) 45,728
Medical University of SC/Geo-Centers/DOD

Wang, Desuo
Ambient Particulate Matters Poison Cardiac Ion Channels - (11110-FA17) 215,429
National Institute of Environmental Health Sciences/NIH

Pharmacy - (General)
Michels, Jill
South Carolina Poison Center Certification Project - (11140-FL04) 252,946
Health Resources & Services Administration (HRSA)/HHS
Pharmacy Practice
Rowen, Randall
  Clinical Pharmacy Agreement Service Contract - (11150-LL02) 100,000
  Palmetto Health Richland

Provost, Office of the
TRIO Programs
Beasley, Paul
  Upward Bound Program - (21710-FL16) -14,225
  US Department of Education (USDE)

  Ronald E. McNair Post-Baccalaureate Achievement Program - (21710-FL20) 222,592
  US Department of Education (USDE)

Public Health, Arnold School of
Epidemiology & Biostatistics
Addy, Cheryl
  GA: Philip Ankrah - (11520-GP18) 5,040
  SC Department of Health & Environmental Control (DHEC)

Bottai, Matteo
  Singular Information for Cancer Cluster Detection - (11520-FA50) 72,750
  National Cancer Institute (NCI)/NIH

Lawson, Andrew
  Geographical Determinants of Prostate Cancer Progression in South Carolina - (11520-FA36) 25,643
  Geo-Centers/MUSC/DOD

  Cluster Detection Methodology for Small Area Cancer Data - (11520-FA49) 72,750
  National Cancer Institute (NCI)/NIH
Liese, Angela  
*Dietary Glycemic Index in Relation to the Metabolic Syndrome: An Ancillary Study to the Insulin Resistance Artherosclerosis Study (IRAS)* - (11520-KA00)  
USCRF/American Diabetes Association  

97,406

Vena, John  
GA: Caroline Bumb - (11520-GP19)  
SC Department of Health & Environmental Control (DHEC)  

13,000

GA: Boen Floyd - (11520-GP20)  
SC Department of Health & Environmental Control (DHEC)

13,000

**Exercise Science**  
Pate, Russ  
Community Characteristics and PA Among Adolescent Girls - (11530-FA07)  
RAND/NIH  

48,471

Physical Activity Training for PUblic Health Professionals (supplement to PRC core) - (11570-FA52)  
Centers for Disease Control (CDC)/HHS  

230,999

Wilcox, Sara  
Health-e-AME Faith Based Physical Activity Initiative - (11530-FA09)  
Medical University of South Carolina/CDC  

81,081

SIP 13-04: PRC's Healthy Aging Research Network - (11570-FA50)  
Centers for Disease Control (CDC)/HHS  

49,759

**Health Promotion, Education & Behavior**  
Richter, Donna  
Emergency Department Crisis Stabilization Training for the SC Department of Mental Health - (11500-FJ12)  
SC Department of Mental Health/HHS  

29,997
Teas, Jane  
*Dietary Algae as a Modulator of Breast Cancer Metastases: An Exploratory Grant to Document Proof of Principle* - (11540-FA23)  
Medical University of South Carolina/Geo-Centers/DOD  
39,825

Watkins, Ken  
GA: Raheen Paxton - (11540-GP10)  
SC Department of Health & Environmental Control (DHEC)  
12,000

GA: Holly Gilmore - (11540-GP11)  
SC Department of Health & Environmental Control (DHEC)  
14,000

GA: Danielle Shatley - (11540-GP12)  
SC Department of Health & Environmental Control (DHEC)  
9,000

GA: Alicia Norris - (11540-GP13)  
SC Department of Health & Environmental Control (DHEC)  
13,000

GA: Henry Counts - (11540-HP12)  
Richland County School District One  
3,050

GA: Mary Jo Gebrosky - (11540-JP26)  
Companion HealthCare  
4,300

GA: Megan Conklin - (11540-LP16)  
Sexual Trauma Services of the Midlands  
6,565

Cornman, Carol  
*Real Choice System Change* - (11580-FL05)  
SC Department of Health & Environmental Control (DHEC)/HHS  
43,000
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<td>Evaluation of SC Access Plus Pilot Program - (11580-FA06)</td>
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<td>Blue Cross Blue Shield of South Carolina</td>
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GA: Brandon Jones - (11550-GP16)
SC Department of Health & Environmental Control (DHEC)

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GA: Cherry Morris - (11550-GP14)
SC Department of Health & Environmental Control (DHEC)

GA: Tojuana Fulton - (11550-JP30)
Companion HealthCare

GA: Lisa Dow - (11550-JP32)
Blue Cross Blue Shield of South Carolina

Prevention Research Center
Hooker, Steven
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Centers for Disease Control (CDC)/HHS

Pluto, Delores
SIP 5-04 PA Policy Research Network - Participating Ctr - (11570-FA51)
Centers for Disease Control (CDC)/HHS
Co-PI: Murday, David; Pierce, Jon; Stevenson, Kenneth;

Research & Nutrition & Health Disparities, Center for
Mayer-Davis, Elizabeth
Uniform Population Based Approach and Research on Childhood Diabetes: SEARCH Study - (11520-FA48)
Centers for Disease Control (CDC)/HHS
Research & Health Sciences, Vice President

Families in Society, Institute for
Flerx, Vicki

Domestic Violence Services in Rural Health Care Clinics - (10010-FA26) 50,000
University of Texas/CDC

Bullying Prevention Program Dissemination - (10010-LL00) 15,835
Clemson University

Sponsored Awards Management
Hatcher, Patricia

"Center One" Fort Jackson - (21000-FA02) 50,000
US Department of Defense (DOD)

Science and Mathematics, College of

Baruch Institute
DeLorenzo, Marie

Water Quality Restoration for the South Carolina Subdivision Pond, Lake Edmonds - (21600- 4,993
SC Sea Grant Consortium/NOAA

Lewitus, Alan

Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxins - (21600-FA76) 124,632
SC Sea Grant Consortium/CDC

Porter, Dwayne

Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office - (21600-FA75) 320,999
National Oceanic & Atmospheric Administration (NOAA)/DOC
Biological Sciences
Brodie, Renae
CAREER: Colonizing Land Via the Estuarine Route: Ontogeny of Osmoregulation and Settlement Behaviors in Brackish Water Fidler Crabs - (13010-FA50)
National Science Foundation (NSF)

102,000

Ely, Bert
South Carolina Post-Baccalaureate Research Education - (13010-FA79)
National Institutes of Health (NIH)/HHS

170,078

Ely, Berten
Science Laboratory - (13010-FL02)
National Center for Research Resources (NCRR)/NIH

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Helmuth, Brian
Climate Change and Latitudinal Patterns of Body Temperature in Rocky Intertidal Invertebrates - (13010-FA57)
National Science Foundation (NSF)

12,000

Krizek, Beth
Regulatory Role of Aintegumenta in Organ Initiation and Growth - (13010-FA22)
US Department of Energy (DOE)

241,352

Stancyk, Stephen
Aquatic Habitats Restoration Project - Phase II - (13010-GA01)
SC Army National Guard

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Stratmann, Johannes
Regulation of the SR160/tBR11 Kinase Domain by Systemin,Brassinolide and Ultraviolet-B Radiation - (13010-FA71)
National Science Foundation (NSF)

110,042
Chemistry & Biochemistry
Ferguson, P.
Chemical and Biological Behavior of Carbon Nanotubes in Estuarine Sedimentary Systems - (13020-FA73) 334,750
US Environmental Protection Agency (EPA)

Myrick, Michael
Creation of a Web-Based MOE Design Studio for NIR Spectroscopy - (13020-FA65) 25,000
University of Tennessee/NSF

zur Loye, Hans-Conrad
Structural Investigations of Complex Oxides Using Synchrotron Radiation - State Match for 12,595
13020-FA60 - (13020-GA08)
SC EPSCoR Program

COBRE: Center for Colon Cancer Research
Berger, Franklin
Thymidylate Synthase and Fluorodeoxyuridine Resistance - (13010-FA39) 41,007
National Cancer Institute (NCI)/NIH

Geological Sciences
Kellogg, James
Technical and Scientific Cooperation between National University of Equatorial Guinea and 50,000
University of South Carolina - (13040-JA01)
South Atlantic Natural Resource, LTD.

Knapp, James
Collaborative Research: Discrete vs. Continuous Continental Deformation and the Role of the 82,765
Lower Crust in the Tien Shan - (13040-FA55)
National Science Foundation (NSF)

Torres, Raymond
Chapman Conference on Salt Marsh Geomorphology - (13040-FA89) 6,000
US Geological Survey/DOI
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Voulgaris, George
Collaborative Research: SHELF CIRCULATION, WAVE PROPAGATION AND SEDIMENT TRANSPORT IN LONG BAY, SC: MEASUREMENTS & MODELING. - (13040-FA90) SC Sea Grant Consortium/USGS/DOI 78,293

Mathematics
Brenner, Susanne
Theory and Applications of Multigrid - (13060-FA14) National Science Foundation (NSF) - General 20,774

DeVore, Ronald
FRG: Collaborative Research: Algorithms for Sparse Data Representations - (13060-FA17) National Science Foundation (NSF) 189,000

Compression of Large Data Sets with Geometry (Year Three State Match for 13060-FA08) - (13060-GA04) SC EPSCoR Program 48,431

Physics & Astronomy
Gudkov, Vladimir
Fundamental Problems of Neutron Physics at Spallation NEutron Source at the ORNL (State match for 13070-FA35) - (13070-GA11) SC EPsCOR Program 10,922

Psychology
Smith, Bradley
After-School Program for Middle-School Students - (13580-HL00) Richland County School District One 71,200
Social Work, College of

**Social Work, College of**

**Bond, Pamela**

*Creating Child Welfare Professionals* - (15900-FJ14)  
Administration for Children & Families (ACF)/HHS  
74,999

*Southeast Addictions Technology Transfer Center Conference Planning* - (15900-FL22)  
Morehouse School of Medicine/HHS  
27,000

**Ginsberg, Leon**

*Ticket to Work Program* - (15900-FL21)  
SC Department of Health & Human Services/HHS  
301,193

*GA: Sean DiMaria* - (15900-GP17)  
SC Department of Health & Environmental Control (DHEC)  
6,500

*GA: Family Connection of SC, Inc.* - (15900-KP89)  
Family Connection of SC, Inc.  
3,000

*GA: Bridge Jobs Program* - (15900-LP37)  
BRIDGE Jobs Program  
3,000

**Paget, Kathleen**

*Technical Assistance and Consultation to UNC Work Permit Study* - (15900-FL24)  
Univeristy of North Carolina/HHS  
28,019

**Rubin, Maureen**

*Youth Net* - (15900-FL23)  
SC Department of Mental Health/HHS  
117,000
USC Aiken

**USC Aiken**

Allen, Gloria  
*Mathematics and Science Unit Coaching Initiative* - (17110-GL24)  
6,123  
SC Department of Education

Johnson, Gwen  
*USC Aiken GEAR UP Saturday Academy and Summer Institute - Federal Portion* - (17110-139)  
139,686  
SC Commission on Higher Education/USDE

*USC Aiken GEAR UP Saturday Academy and Summer Institute - Federal Portion* - (17110-GL23)  
28,918  
SC Commission on Higher Education/USDE

McClellan, Sally  
*Bridgestone Firestone Childcare Quality Enhancement Grant*  
5,000  
United Way of Aiken County

Smith, Garriet  
*Coral Disease and Health Consortium Project: Caribbean Coral Diseases with Unknown Etiologies: Determining the Causative Agents* - (17110-KA08)  
20,000  
Khaled Bin Sultan Living Oceans Foundation

USC Beaufort

**USC Beaufort**

Boggan, William  
*University of South Carolina Beaufort (USCB) Alcohol Risk-Reduction Program* - (17220-FL14)  
4,995  
Greenville County Commission on Alcohol & Drug Abuse/DAODAS/DOJ

Mulkey, Lynn  
"Mapping" Tracking in Elementary Grades  - (17220-FA01)  
46,733  
National Institutes of Health (NIH)/HHS
USC Salkehatchie

USC Salkehatchie
Carmichael, Ann
Salkehatchie Healthy Communities Collaborative - (17660-KL13) 180,000
Sisters of Charity Foundation

Rice, Anne
Kettering Survey - (17660-KL14) 2,500
Kettering Foundation

USC Sumter

USC Sumter
Bell, Richard
Palmetto Health Affiliation - (18200-K401) 89,483
Palmetto Health Alliance

USC Upstate

USC Upstate
Jackson, Peggy
Family Daycare Homes 2004 - (17880-FL47) 5,000
SC Department of Social Services

Jarratt-Hortis, Frances
Going With the Flow... No! Liquid Logic II - (17880-FL48) 10,480
Greenville County Commission on Alcohol & Drug Abuse/DAODAS/DOJ

Minsky, Ina
Student Support Services - Grant-in-Aid - (17880-FL44) 227,906
US Department of Education (USDE)
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Report Total: $13,466,746