

UNIVERSITY OF SOUTH CAROLINA

OMB CIRCULAR A-133 REPORTS

**FOR THE YEAR ENDED
JUNE 30, 2008**

UNIVERSITY OF SOUTH CAROLINA
OMB CIRCULAR A-133 REPORTS

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THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
JUNE 30, 2008

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
Research and Development Cluster			
National Academy of Sciences			
Passed through programs from:			
University of South Carolina Research Foundation			
Strategic Support for the University Industry Demonstration Partnership	00.RD	PGA-5866-07-001	\$ 210,855
Total National Academy of Sciences			210,855
US Department of Agriculture			
Passed through programs from:			
University of South Carolina Research Foundation			
Characterization of Olfactory Proteins of the Yellow Fever Mosquito <i>Aedes Aegypti</i>	10.RD	58-1275-7-360	46,506
as Targets for the Study of Chemosensory Deterrents	10.RD	20043510014934	123,385
Regulation of Iron Uptake in <i>Arabidopsis Thaliana</i>	10.RD	2006-3531917031	2,108
Mechanism of Gene Silencing Suppression by the Tobacco rgs-CaM	10.RD	20073520318060	95,617
The Role of GATA4 and its Phosphorylation Status in Porcine Follicular Development and Luteal Function			
Socially Responsible Advertising and Promotion of Food, Fiber and			
Related Products: Developing an Integrated Set of Undergraduate Courses	10.RD	G1596-2	26,864
Socially Responsible Advertising and Promotion of Food, Fiber and			
Related Products: Developing an Integrated Set of Undergraduate Courses	10.RD	G-1596-2	28,950
Assessing Alternative Policies for Improving the School Food Environment	10.RD	59-5000-7-0119	62,669
Francis Marion and Sumter National Forest GIS Digital Update	10.RD	03PA11081209020	5,241
Francis Marion and Sumter National Forest GIS Digital Update	10.RD	07PA11081209005	12,513
Bioelectrolytic System for the Treatment of Tannery Wastewater	10.RD	58-3148-5-060	3,522
C-Graz Development and Support	10.RD	68-3A75-74	48,974
C-Graz Development and Support for Maryland Conservation Grazing Program	10.RD	68-3B19-6-525	7,135
Statewide Summary of Resource Conservation Issues in South Carolina	10.RD	68-4639-6-6008	99,256
Assessment Matrix Development, Rapid Watershed Updates, and Technical Development/Support	10.RD	68-4639-6-6008	64,906
Development of an Updated South Carolina Wildlife Habitat Index	10.RD	68-4639-7-7012	9,925
Lower Enoree Archaeological Survey	10.RD	AG4670C-07-0134	84,986
Total US Department of Agriculture			722,557
US Department of Commerce			
Passed through programs from:			
Coastal Carolina University			
Identification of Coastal Hypoxia Mechanisms in Inner Shelf Waters of Long Bay, South Carolina	11.RD	CCU2007.01	3,997
South Carolina Department of Health and Environmental Control			
SCDHEC - Office of Ocean and Coastal Resources Management Joint Faculty			
Position in Applied Coastal Zone Management: Years 2 & 3	11.RD	PO#670650	26,219
Summer Internship in Applied Coastal Zone Management	11.RD	PO#692502	219
South Carolina Department of Natural Resources			
Nutrient and Phytoplankton Samples from ACE Basin National Estuarine Research Reserve	11.RD	PO#07-002070	6,507
The Expansion of the South Carolina Harmful Algal Bloom Project	11.RD	00770-84517	127,856
South Carolina Sea Grant Consortium			
Functional Relationships(Coupling) Between Epiphytic Microalgae and Foodwebs in a Salt Marsh	11.RD	P/M-2H-V410	1,351
Testing a New Method to Assess Fluctuations in Sea Level Along the SC Coast:			
Use of Palynomorphic Signatures to Identify Changes in Positions			
of <i>Juncus roemerianus</i> High-level Salt Marshes Over Time	11.RD	P/M-2K-V410V41K	575
Numerical Study of the Physical Conditions that Lead to Hypoxia Events in Long Bay, SC.	11.RD	SC SEA GRT/R269	64,005
An Assessment of Stormwater Best Management Practices for Coastal South Carolina:			
The Oak Terrace Preserver Monitoring Project	11.RD	SC SEA GRT/R276	40,604
An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamics	11.RD	SC SEA GRT/R280	68,025
An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamics	11.RD	SC SEA GRT/R380	131
Numerical Study of the Physical Conditions that Lead to Hypoxia Events in Long Bay, SC	11.RD	SC SEA GRT/V169	6
Integrating Climate Information into Coastal Management Decisions	11.RD	SC SEA GRT/RC01	13,725
SECOORA ODP Information Management Seed Grant	11.RD	S203	19,371
Integrating Terrestrial, Estuarine and Marine Observing Systems in			
Support of an Improved Understanding of Hypoxic Events in Long Bay, SC	11.RD	SC SEA GRT S104	29,545
Development of a Conceptual Model for an Integrated Coastal Prediction and Forecasting Initiative	11.RD	RL01 LUCESII	130,154
Development of a Conceptual Model for an Integrated Coastal Prediction and Forecasting Initiative	11.RD	RL01-LUCESII	31,291
Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC	11.RD	SC SEA GRT/R174	8,229
An Assessment of Stormwater Best Management Practices for Coastal South Carolina:			
The Oak Terrace Preserver Monitoring Project	11.RD	SC SEA GRT/R176	5,111
An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamics	11.RD	SC SEA GRT/R180	5,705
Effects of Sublethal Concentrations of Agricultural Herbicides	11.RD	SC SEA GRT/R181	1,068
on The Structure and Function of Estuarine Phytoplankton Communities			
Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC	11.RD	SC SEA GRT/R274	24,225
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	43,604

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
US Department of Commerce, continued			
South Carolina Sea Grant Consortium, continued			
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	25
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	7,449
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	2,912
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	3,995
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	14,187
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	22,951
South Carolina CIDEEP Integration Effort	11.RD	SC SEA GRT/RL08	4,895
FISHTEC: Molecular Genetics of Managed Marine Fish Populations	11.RD	EA133C06SE4351	45,204
Final Completion Report for the FISHTEC Program	11.RD	SC SEA GRT/R195	10,441
Environmental Risk Assessment of the Antibiotic Florfenicol Used in Aquaculture	11.RD	SC SEA GRT/R527	12,160
Isolation of Fecal Coliform Bacteria from the American Alligator (Alligator Mississippiensis)	11.RD	SC SEA GRT/R528	9,558
Development of an Environmental Surveillance Network for Coastal South Carolina: Fish Kill Analysis and Synthesis	11.RD	SC SEA GRT/R529	9,000
University of South Carolina Research Foundation			
CRESS 2002: Integrating Science and Management in the Caribbean	11.RD	535887	254
The Effect of Climatological Cycles and Storm Events on Water Quality in the National Estuarine Research Reserve Systems of the Southeastern U.S.	11.RD	05-998	88
Enhancements to the NERRS System-wide Monitoring Program for Delivery of Real-Time Data: Proposal to NOAA's Estuarine Reserves Division	11.RD	NA05NOS4191110	70,406
Regulation of Estuarine Plankton Communities and Carbon Flows by Gelatinous Zooplankton	11.RD	NA05NOS4201037	18,211
North Inlet-Winyah Bay National Estuarine Research Reserve Program FY05	11.RD	NA05NOS4201085	70,067
North Inlet-Winyah Bay National Estuarine Research Reserve,			
Georgetown, S.X. Education and Training Center - Phase III - Exhibits	11.RD	NA06NOS4200041	40,000
Continuing Support of the NERR Centralized Data Management Office	11.RD	NA06NOS4200109	237,701
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA06NOS4200119	74,580
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, SC:			
Education and Training Center-Phase II-Construction	11.RD	NA06NPS4200041	100,151
Investigating Coastal Salt Marsh Belowground Carbon Dynamics in North Inlet, SC, USA	11.RD	NA07NOS4200037	17,970
Anthropogenic Effects on Genetic Diversity and Population Structure of			
Grass Shrimp (Palaemonetes) in South Carolina Tidal Creeks	11.RD	NA07NOS4200038	19,650
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA07NOS4200115	478,103
Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office	11.RD	NA07NOS4200123	47,379
Integrating Climate Science and Water Management in North and South Carolina	11.RD	NA030AR4310142	15,223
Integrating Climate Science and Water Management in North and South Carolina	11.RD	NA030AR4310142	272
Use of Soil Moisture Observations for Improved Prediction of the North American Monsoon Precipitation	11.RD	NA040AR4310165	48,436
Acoustic Measurements of Particulate Organic Carbon Concentration in the Coastal Ocean	11.RD	NA040AR431099	77,799
Integrating Climate Science and Water Management in the Carolinas	11.RD	NA060AR4310007	54,898
Integrating Climate Science and Water Management in the Carolinas	11.RD	NA060AR4310007	167,705
Marfin: Genetic Stock Identification and Dispersal in			
Black Sea Bass (Centropristis Striata) Along the Western Atlantic Coast	11.RD	NA07NMF4330118	41,860
Exploring Hydrothermal System Response to Crustal Thickness Gradients along the Galapagos Spreading Center	11.RD	KK5103	14,222
Carolina Coastal Ocean Observing and Predicting System (Caro-COOPS)	11.RD	NA16RP2543	1,408,652
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS Development in SECOORA	11.RD	515170-07	45,689
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS Development in SECOORA	11.RD	515170-07-02	16,489
Opportunity to participate in the proposed project entitled			
Expansion of the Carolinas Coast Marine Weather Template within the SECOORA Region	11.RD	515180-08-1	36,075
Integrating the NERRS System-wide Monitoring Program with Ocean.			
U.S. Integrated Ocean Observing System Efforts			
Integrating and Disseminating Historic and Current SWMP Data via the IOOS Initiative	11.RD	NA04NOS4730213	13,968
ECOFOR 2004: Climate Change and Intertidal Risk Analysis	11.RD	NERRA	19,776
ECOFOR 2004: Climate Change and Intertidal Risk Analysis	11.RD	NA04NOS4780264	274,953
ECOFOR 2004: Climate Change and Intertidal Risk Analysis	11.RD	NA04NOS4780264	74,225
Ecological Effects of Sea-Level Rise on Coastal North Carolina Marshes	11.RD	NA05NOS4781185	52,448
In Situ Validation of a HF Coastal Radar	11.RD	372/000003485	5,719
A Study on the Mainland Chinese Outbound Tourism Market	11.RD	DG135007SE5442	17,525
Assistance in Marine Ecosystem Health Research in Microbial/Pathogen			
Detection and GIS Coastal Condition Assessment	11.RD	EA133C06SE4417	19,227
Technical Assistance in Marine Ecosystem Health Research: Analytical Molecular Toxicology			
of Endocrine Disrupting Chemicals and Environmental Epidemiology for Surveillance Purposes	11.RD	EA133C07SC5227	19,717
NOAA Building Project	11.RD	NA05NOS4731215	507,066
Assistance in Marine Ecosystem Health Research: New Methods for			
Detection of Biotoxins from Harmful Algal Blooms	11.RD	NCNS4000-600257	32,328
Total US Department of Commerce			4,933,132

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US Department of Defense			
AMCOM G-3: AH-64 Tail Rotor Drive Train Hanger Bearing Test Operation	12.RD	W912QG-06-P0076	241,158
at the Seeded Fault Test Facility of the University of South Carolina Mechanical Engineering Department			
PM APACHE: AH-64 Swashplate & Tail Rotor Gearbox Test Operation	12.RD	W912QG-06-P0076	156,614
at the Seeded Fault Test Facility of the University of South Carolina Mechanical Engineering Department			
Dietary Seaweed and Early Breast Cancer	12.RD	DAMD179818207	26,211
BCT2&3 Survey and Testing	12.RD	DAMD17-01-20003	128,743
IPA Assignment Agreement	12.RD	F1ATA06162V701	213,053
Passed through programs from:			
Clemson University			
Further Development of Curcumin, Muscadine, Quercetin and Caffeine as			
Natural Food Additives to Delay Fatigue and Enhance Physical Stamina			
and Mental Alertness	12.RD	112975592232005	349,897
Lieutenant Governor's Office			
Survey of the Donaldson Center	12.RD	374-01	8,163
Historic Context for Similar Sites 38RD314	12.RD	PO#188	24,094
South Carolina Emergency Management Division			
IRIS Extender Support	12.RD	PO# 1521	2,853
IRIS-Web EOC Integration: Phase Two	12.RD	PO#801	2,648
IRIS Infrastructure Support	12.RD	PO#876	1,644
South Carolina National Guard			
Cost and Effectiveness Analysis of the AH-64/UH-60/CH-47			
on Board Vibrations Monitoring (VM) System: Testing	12.RD	W912QG06P0076P0	279,335
South Carolina Office of the Adjutant General			
Graduate Assistant at the McCrady Training Facility, SCARNG	12.RD	PO#1284-01	13,971
South Carolina Research Authority			
Troop Recruit Improvement (TRIM) - Coordinating Center	12.RD	2008-36	55,193
University of Florida			
Multiresolution Methods for Vision-Based Guidance, Navigation and Control	12.RD	UFEIES0302005	68,353
University of South Carolina Research Foundation			
Vanadium Steel Non-Standard (not a standard military bridge set) Fixed Bridge Case Study Proposal	12.RD	2005-638	136,378
SEA-COOS Initial Implementation	12.RD	3-1211004 YR4	38,757
SEA-COOS	12.RD	3-12110-04 YR4	33,759
SEA-COOS	12.RD	3-12110-04 YR4	29,804
Deep UV Emitters Based on Quaternary AlInGaN Multiple Quantum Well Heterostructures	12.RD	DAAD19-02-10282	7,062
Center One at Fort Jackson	12.RD	DABK2103C0021	230
Center One at Fort Jackson	12.RD	DABK2103C0021	717
Evaluation of 27 Sites at Ft Jackson	12.RD	DAMD17-01-20003	18,139
Phase II Evaluation of Archaeological Sites 38RD702 and 38RD705 Fort Jackson, South Carolina	12.RD	DAMD17-01-20003	566
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	12.RD	DAMD17-01-20003	1,166
STTR Phase II: Rechargeable Lithium Battery Operating Life Model	12.RD	HQ0006-06-7381	250,135
Analysis and Numerical Algorithms for Data Processing and Fast Solution of PDEs	12.RD	N00014-03-10051	100,541
Real Time Measurements of Sediment Modification by Large Macrofauna	12.RD	N00014-03-10352	72,827
Nonlinear methods for supervised Learning: Defense Applications	12.RD	N00014-05-10715	169,630
Epitaxial SiC on Convex Surfaces	12.RD	N00014-06-11143	33,846
Personal Power Network	12.RD	N00014-07-10025	210,614
AlGaIn Based Deep Ultraviolet Injunction Lasers	12.RD	N00014-07-10161	801,835
Residual Stress and FCGR in HSLA-65 FSW	12.RD	N00014-07-10439	7,666
Frequency-Agile Wide-Bandwidth Power Interface to Support Incremental Virtual Prototyping	12.RD	N00014-07-10603	162,507
Development of System Level Modeling and Simulation Capability for SiC Power Semiconductor Devices	12.RD	N00014-07-10611	476,280
Infusion of a Gaming Paradigm into Computer-Aided Engineering Design Tools	12.RD	N00014-07-10686	317,592
DURIP Proposal to Acquire a Power Supply with Multi-Channels for Bench-Scale Electroplating	12.RD	N00014-07-10762	55,361
ONR Tidal Flats DRI - Phase I	12.RD	N00014-07-10779	6,295
Uncertainty-based, Self-configuring Simulation for Design Support	12.RD	N00014-07-10818	49,942
Computer Modeling, Simulation and Analysis at the Conceptual Phase of Ship Design	12.RD	N00014-07-10967	14,853
Capturing Sparsity in High Dimensional Data (Full Proposal)	12.RD	N00014-07-10978	146,508
Homoepitaxial Growth of 4H-SiC Using a Halide Based Precursor on Low Off-axis Substrates	12.RD	N00014-07-11122	22,730
Characterization of 4H-SiC Epitaxial Films Grown Using Halo Based Precursors to Evaluate Material Quality	12.RD	N00014-07-11123	12,256
High Speed Turbo-Generator: Test Stand Simulator Including Turbine Engine Emulator	12.RD	N00014-08-10180	15,528
Remote Detection of High Explosive Vapors/Residues using Micro-Impulse Radar with			
Selective Multiphoton Laser Ionization and Sample Ablation (Micro-Impulse REMPI RADAR)	12.RD	N00014-08-10357	43,383
Computational Foundation for Investigations in Capturing Sparsity in Very High Dimensions	12.RD	N00014-08-10996	911
Excavations in the Vicinity of the Santa Elena Kiln, Parris Island, South Carolina	12.RD	N62467-05-M9324	29,735
Migration of Physics-based "Real Power" Models into the Halle Environment for War Gaming and Mission Planning	12.RD	PO#06-1-396	3,293
USC Participants in Electric Ship Research and Development Consortium	12.RD	R00433	853,631
Power Electronics, Architecture, Controls, and Design Tools for Electric Ship Systems.	12.RD	R00908	410,807
USC Junior Science and Humanities Symposium 2007	12.RD	W911NF-04-10001	1,291
In Situ Studies of the Decomposition of Simulated Chemical Warfare Agents on Nanoparticle Catalysis	12.RD	W911NF-05-10184	79,271

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
US Department of Defense, continued			
University of South Carolina Research Foundation, continued			
Hierarchical Assembled "Nano-Trojan Horse" for Treatment of Brain Metastatic Breast Cancer	12.RD	07Y1-I	84,525
Eight Archaeological Site Evaluations, Ten Late Discoveries, and Two Boundary Definitions	12.RD	DAMD17-01-20003	34,000
Brain Imaging Research: The Detection of Deception Utilizing HD-ERP, FMRI, and Pupillometry	12.RD	W81XWH-06-10272	240,778
U.S. Army Research Laboratory and U.S. Army Research Office (ARO) Grant W911NF-05-0378	12.RD	2975030469USCRF	6,058
MURI: Bio-Directed Hierarchical Assembly of Multifunctional Materials	12.RD	PO#0001104934	192,002
Advanced Mathematical Methods for Processing Large Data Sets	12.RD	W911NF-05-10227	29,814
Dynamic Characterization of Advanced Material Systems	12.RD	W911NF-06-10216	121,332
Deep Ultraviolet Avalanche Photodetectors (DUVAP)	12.RD	W911NF-06-10516	391,346
Effects of Quercetin Feedings on Susceptibility to Respiratory Infection Following Exercise Stress: Role of Lung Macrophages	12.RD	W911NF-07-10140	131,470
Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data	12.RD	W911NF-07-10185	1,047,506
Integrated Sensor Technologies for Chemical, Biological, and Radiation Detection	12.RD	W911NF-07-10320	302,623
Nanoscale Deformation and Toughening Mechanisms of Nacre	12.RD	W911NF-07-10449	59,193
InGaN Based High Power Visible Lasers	12.RD	W911NF-08-10001	730,095
Highly Effective Geospatial Representation and Analysis - PHASE 1	12.RD	HM1582-07-23036	167,974
New Graph Models and Algorithms for Detecting Salient Structures from Cluttered Images	12.RD	FA9550-07-10250	124,786
PM - Predictive Methods for Large-Scale Progressive Damage in Structural Composites for Aircraft Applications	12.RD	FA9550-07-10460	67,643
Free Resolutions in Commutative Algebra	12.RD	H98230-08-10029	21,657
Advancement and Validation of Analysis Methods for Aging Military Aircraft	12.RD	06-S508-02601C1	146,268
Polymer Nanocomposites as Future Materials for Defense and Energy Applications	12.RD	06-S531-057-C1	316,748
Polymer Nanocomposites as Future Materials for Defense and Energy Applications	12.RD	06-S531-057-C1	39,102
Polymer Nanocomposites as Future Materials for Defense and Energy Applications	12.RD	06-S531-057-C1	186,464
Investigation of Degradation Phenomena in SiC NPN Bipolar Junction Transistors	12.RD	07-005	63,297
Super-Resolution of Infrared Imagery from Video	12.RD	07S-1356	30,940
Phase II (STTR) - Software for Generating Geometrically and Topologically Accurate Urban Terrain Models Using Implicit Methods	12.RD	08S-0152	27,297
STTR: Physics-based "Real Power" Models for Constructive War Gaming	12.RD	102080005	2,658
HEALTH Study: Sub-contract with RTI International	12.RD	2-312-0209792	89,383
Natural and Human-Induced Disasters and Other Factors Affecting Future Emergency Response and Hazard Management: An Outlook Paper	12.RD	6162-002-007-CS	20,935
Strategic Environmental Research and Development Program	12.RD	6-321-0210294	11,796
Strategic Environmental Research and Development Program - Phase 2	12.RD	6-321-0210294	22,529
Development of High Temperature, Aggressive Environment-operating Structural Health Monitoring Sensor Based on Micro-Structural Evolution Concep(USC participation in STTR AF06-T037)	12.RD	AF/STTR091506PH	11,191
Evolution Concept (USC participation in STTR AF06-T037)	12.RD	DAMD17-01-20003	4,696
Settlement History of Fort Jackson, South Carolina	12.RD	DAMD17-01-20003	4,696
Advanced Friction Stir Processing for Ultra-refined Microstructure Development of Aluminum 7XXX Series Alloys (STTR)	12.RD	FA9550-08-C0031	27,084
High Frequency and High Power Electronics Using High Quality ALN Layers and Substrates	12.RD	HQ0006-06-2-004	425,570
Archaeological Preparations for Shoreline Control at Charlesfort-Santa Elena National Historic Landmark Site	12.RD	N69450-07-R2550	38,160
Evaluating The Thermal Characteristics of Copper Nanofluids over a Flat Plate	12.RD	SET-29000.37	64,956
SBIR: Low-loss High-power Cryogenic RF Switches using III-Nitride MOSHFETs	12.RD	SEN INC/US NAVY	9,880
Aircraft Battery Diagnostic and Prognostic System (STTR)	12.RD	VENABLE IND/ONR	21,000
Cooper Air Quality Program	12.RD	W81XWH-07-C0054	250,109
Optimal Design of Compact Fuel Cell Hybrid Power Systems (STTR - Phase II)	12.RD	W911NF-07-C0102	65,943
Certified Athletic Trainer - Forward Program	12.RD	W9124D-07-C0046	479,739
Certified Athletic Trainer - Forward Program (Travel Only)	12.RD	W9124D-07-C0046	3,387
Sediment and Water Quality at Three Marine Corps Rifle and Bombing Ranges: Marine Corps Recruit Depot Parris Island, Marine Corps Base Camp Lejeune, and Marine Corps Air Station Cherry Point	12.RD	W912DY-07-20041	378,324
Quercetin as a Countermeasure to Immune Dysfunction Induced by Prolonged Intense Physical Stress	12.RD	06-0036	64,004
Synthesis and Optimization of Polybromostyrene Stationary Phases for Chromatographic Separation of Endohedral Fullerenes	12.RD	1050-03-OTH-001	11,253
Novel Cellular and Small Animan Models to Selectively Screen for Functional Food and Dietary Supplements Which Delay Fatigue and Enhance Physical Stamina and Mental Alertness	12.RD	623755820120028	61,298
Novel Cellular and Small Animan Models to Selectively Screen for Functional Food and Dietary Supplements Which Delay Fatigue and Enhance Physical Stamina and Mental Alertness	12.RD	623755820120028	40
Bidirectional Power Converter for Hybrid Fuel Cell Power Source	12.RD	91252	27,129
Synthesis of GNP Suspensions and Chromophore-Modified GNP Suspensions	12.RD	F33615-03-D5408	36,660
Combining Facts and Expert Opinion in Analytical Models via Logical and Probabilistic Reasoning	12.RD	FA8750-06-C0194	294,514
III-Nitride MOSHFET Based Advanced RF Circuits	12.RD	W9113M-05-10004	15,705
Phytodegradation and Photodegradation of Nitroamine Hexahydro-1,3,5,-Trinitro-1,3,5-triazine (RDX)	12.RD	W913E5-04-C0004	17,018
Phytodegradation and Photodegradation of Nitroamine Hexahydro-1,3,5,-Trinitro-1,3,5-triazine (RDX)	12.RD	W913E5-04-C0004	14,895
Total US Department of Defense			13,220,550

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
US Department of Housing and Urban Development			
Passed through programs from:			
University of South Carolina Research Foundation			
Fatherhood Project	14.RD	SCCFH/HUD	9,000
Total US Housing and Urban Development			9,000
US Department of Interior			
Passed through programs from:			
South Carolina Department of Archives and History			
ArchSite Server Purchase and Installation	15.RD	SC DAH	3,033
South Carolina Department of Natural Resources			
Assessing Introgressive Hybridization Within and Habitat Requirements of Native South Carolina Redeye Bass (<i>Micropterus coosae</i>)	15.RD	00780-94831	12,417
Habitat Characterization of Seepage Slope Wetlands on the SC Coastal Plain	15.RD	SCDNR	6,662
A GIS-Based Model to Guide Landscape-Scale Restoration	15.RD	SCDNR	20,784
Geology of the Congaree National Park	15.RD	SCDNR	23
South Carolina Sea Grant Consortium			
Collaborative Research: Shelf Circulation, Wave Propagation and Sediment Transport in Long Bay, SC: Measurements & Modeling - Year 7	15.RD	V56B	41,964
University of South Carolina Research Foundation			
Cooperative Central and Southeast US Integrated Seismic Network-USC	15.RD	04HQAG0024	13,474
Paleoseismological Studies in the Charleston, South Carolina Region	15.RD	04HQR0053	3,082
USGS NEHRP Testing and Analysis of Deep Sediments in Charleston, SC	15.RD	08HQGR0035	17,289
Spatial-temporal Statistical Epidemiology of Chronic Wasting Disease	15.RD	05ERAG0061	52,044
Archaeological Consultant for Battle of Camden Project	15.RD	4503ML0136	5,929
Gas Hydrates of the Northern Gulf of Mexico from Modern Processing of High Resolution Acoustic Line Array Data: Structural Control on Seafloor Deformation and Slope Destabilization	15.RD	05-06-064	8,220
Sediment Trapping in the Gulf of Mexico	15.RD	0820900149	1,844
Isotope Analyses of Benthic Foraminifera	15.RD	08ERSA0361	1,365
Forest Recovery and Hydrologic Modeling on New Park Lands	15.RD	H5000030930	15,073
Congaree Floodplain Decision Support Project: Assessing the Extent of River Regulation on Congaree National Park: Phase II	15.RD	H5000030930	25,423
Development of an NAGPRA Action Plan For Congaree National Park	15.RD	H5000030930	8,858
Total US Department of Interior			237,484
US Department of Justice			
Passed through programs from:			
South Carolina Department of Public Safety			
Continued Maintenance and Enhancement of IVIS	16.RD	1V07296	82,842
Continued Enhancement of Internet Victim Information System (IVIS)	16.RD	1V06099	215
University of South Carolina Research Foundation			
The Impact of Proactive Enforcement of No-Contact Orders on Victim Safety and Repeat Victimization	16.RD	2004WGBX0007	69,714
A Multi-Method Evaluation of Police Use of Force Outcomes	16.RD	2005-IJ-CX-0056	170,003
Rapid Visualization of Biological Fluids at Crime Scenes Using Optical Spectroscopy	16.RD	2007-DN-BX-K199	97,374
Poly-victimization History Among Girls Adjudicated Delinquent	16.RD	2006-WG-BX-0011	85,617
Environmental Effects on Textile Fibers	16.RD	J-FBI-04-181	38,985
Shifts, Extended Work Hours, and Fatigue: An Assessment of Health and Personal Risks for Police Officers	16.RD	R383492	18,559
Total US Department of Justice			563,309
US Department of Transportation			
2007 Eisenhower Graduate Fellowship for Gurcan Comert (Travel Money)	20.RD	FED HWY ADM	1,368
Passed through programs from:			
Frances Proveaux Lower Savannah Council of Governments			
Evaluation Subcontract for the United We Ride Grant for Transportation Coordination, Lower Savannah Council of Governments	20.RD	LOWER SAVANNAH	20
South Carolina Department of Public Safety			
Safety Belt Survey for the South Carolina Department of Public Safety	20.RD	ASA/SCDPS/DOT	8,960
South Carolina Department of Transportation			
Investigation of the Performance and Benefits of Class-F Self Consolidating Concrete (SCC)	20.RD	851	52,190
Investigation of the Performance and Benefits of Class F Self Consolidating Concrete	20.RD	920	44,070
Geotechnical Materials Database for Embankment Design and Construction	20.RD	1151/670	56,348
Development of Improved Rideability Specifications for Rigid Pavements and Bridge Decks	20.RD	647	23,769
Mechanistic-Empirical Pavement Design Guide Implementation	20.RD	671	42,382
Behavior of Pile to Pile-cap Connections Subjected to Seismic Forces	20.RD	672	34,729
Investigations into the Performance of Corrosion	20.RD	PO#316626/489	838
University of South Carolina Research Foundation			
Alternative Aircraft and Airfield De-icing and Anti-icing Formulations with Reduced Aquatic Toxicity and Biological Oxygen Demand	20.RD	ACRP-02-01	261,026
2006 Eisenhower Graduate Fellowship for Gurcan Comert	20.RD	DDEGRD-06X00418	417
Fuel Cell Bus for University of South Carolina Campus	20.RD	GA04700100	77,840
Total US Department of Transportation			603,957

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Library of Congress			
Passed through programs from:			
University of South Carolina Research Foundation			
Newsfilm Library/Library of Congress Cooperative Movietone News Grant	42.RD	LIBRARY OF CONG	54,817
Total Library of Congress			<u>54,817</u>
National Aeronautics and Space Administration			
Development of Remote Sensing-assisted Natural and Technological Hazards			
Decision Support Systems	43.RD	NCC-1303008	85,889
Development of Remote Sensing-assisted Natural and Technological Hazards			
Decision Support Systems	43.RD	NCC-1303008	46,181
Development of Remote Sensing-assisted Natural and Technological Hazards			
Decision Support Systems	43.RD	NCC-1303008	42,180
Development of Remote Sensing-assisted Natural and Technological Hazards			
Decision Support System	43.RD	NCC-1303008	3,225
Passed through programs from:			
College of Charleston			
Studying Large Scale Ocean Circulation Using Altimetry	43.RD	248715720	2,717
USC-SC Space Grant Consortium Renewal	43.RD	520589	120
Influence of Phytoplankton on Ocean Surface Circulation	43.RD	5205893099BULUS	5,107
REAP-RG: In-situ Nanoscale Residual Stress Mapping and MEMS/NEMS			
Reliability Studies for Aeronautics and Space Applications	43.RD	5205893099LIREA	17,585
Development of Advanced Unitized Regenerative Fuel Cell	43.RD	520726USCEPSCOR	24,770
South Carolina Sea Grant Consortium			
Studying Large Scale Ocean Circulation Using Altimetry and GRACE	43.RD	SC SPACE GRT	9,999
The Evolution of Elements in Galaxies	43.RD	SC SPACE GRT	9,028
South Carolina Space Consortium			
A Renewal: Studying Large Scale Ocean Circulation Using Altimetry and GRACE	43.RD	SC SPACE GRT	2,500
Satellite Data Analysis of Hurricane Response on Upper Ocean Circulation	43.RD	SC SPACE GRT	2,500
University of South Carolina Research Foundation			
Aqua/AMSR-E Soil Moisture Algorithm and Product Improvements	43.RD	1261626	19,692
Spectroscopy of a Dusty Quasar Absorption Line System	43.RD	1277525	4,336
Fabrication of 2-meter Spin-cast Polymer Composite Telescope Mirrors for Use in Space Communication	43.RD	1277672	143,094
Infrared Observations of Dusty Quasar Absorption Systems	43.RD	1288054	4,576
Development of a Large Format, Interface Engineered III-nitride UV Imaging Arrays	43.RD	1293429	17,215
Additional Phytoremediation Laboratory Services to Support Hyperspectral Imaging Studies	43.RD	916986-NASA	17,637
Quantifying Deformations on the Microscale: Development of a SEM-Based Measurement			
System with Software Implementation Capable of Measuring Crack Tip Strains	43.RD	CORRELATED SOLU	81,121
Participation in Phase II of NASA STTR T7-02	43.RD	NGAI105.0068	92,141
Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology	43.RD	NNG04GE43G	13,791
Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology	43.RD	NNG04GE43G	21,739
Modeling the Influence of Plant Cover on Water and Energy			
Cycling at the Land-Atmosphere Interface: Constraints from Satellite and Ground Data	43.RD	NNG05GC16G	49,500
Design of an Adsorption-Based Carbon Dioxide, Humidity and Trace Contaminant Removal System	43.RD	NNM05AA10A	20,184
Disaggregation of AMSR-E Data Using Airborne TIR Surface Temperature,			
MODIS-AQUA NDVI and ALOS-PALSAR Soil Moisture	43.RD	NNX06AG85G	5,657
Prediction of Stable Tearing Along Arbitrary 3D Crack Surfaces in Metallic Structures:			
Criteria Validation and Crack path Predictions Under Mixed Mode Loading	43.RD	NNX07AB46A	169,319
Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels	43.RD	NNX07AF20G	287,671
Viewing the World Through Nonhuman Eyes: Exploring the Links between			
Remote Sensing, Climate Change and Coastal Ecosystems	43.RD	NNX07AF20G	4,566
Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels	43.RD	NNX07AF20G	29,806
Robust AlGaIn/GaN Micro Sensor Dust for Chemical Warfare Agent Detection	43.RD	1304127	50,000
Satellite Data Analysis of Low-Frequency Indian Ocean Climate Variability	43.RD	NNG06GJ22G	37,388
Polyethersulfone Membranes for Fuel Cell Water Management	43.RD	NNX07AK93H	30,941
The Detection of Calcium via Laser Induced Breakdown Spectroscopy for Spaceborne Investigations	43.RD	NNX08AB20H	12,389
Evaluation of Medical Oxygen PSA Technology for International Space Station Applications	43.RD	NNX08AH40A	13,208
Forecasting Change to Biogeographic Boundaries Using Remotely Sensed Data	43.RD	NX07A050H	22,273
Rugged Low-Temperature Actuators for Tunable Fabry-Perot Optical Filters--Phase II SBIR	43.RD	PERKIX INC/NASA	14,502
Total National Aeronautics and Space Administration			<u>1,414,547</u>
National Foundation of Arts and the Humanities			
NEH Fellowship: Civic Monuments of the Civil War	45.RD	FA-54065-08	1,605
Passed through programs from:			
South Carolina Humanities Council			
Final Phase Civil Rights Anthology Project	45.RD	7-1172-1	4,016
The Civil and Human Rights Anthology Project, Final Phase	45.RD	CP 7-161-5	142

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National Foundation of Arts and the Humanities, continued			
South Carolina State Museum			
Seeds of Change: The Great War, South Carolina, and the World	45.RD	SC STATE MUSEUM	8,097
Seeds of Change: The Great War, South Carolina, and the World	45.RD	SC STATE MUSEUM	16,555
University of South Carolina Research Foundation			
African American Camp Meetings	45.RD	07-5500-7015	811
Pages from the Past: A Legacy of Medieval Books from South Carolina Collections	45.RD	7-1168-1	7,823
NEH Scholarly Editions	45.RD	WU-HT-08-07	26,313
King Cotton: A Documentary Film	45.RD	8-1225-1	61
Total National Foundation of Arts and the Humanities			65,423
National Science Foundation			
NSF Graduate Fellowship in Physics			
Graduate Research Fellowship	47.RD	DGE-0343115	43,565
NSF Graduate Fellowship	47.RD	DGE-0343115	1,245
NSF Graduate Fellowship	47.RD	DGE-0343115	2,856
Passed through programs from:			
Coastal Carolina University			
Mobile Link Organisms as Processors and Transporters of Materials within a Marsh-Estuarine Ecosystem	47.RD	2004-001	29,413
South Carolina Commission on Higher Education			
Greedy Approximations with Expansions	47.RD	DMS-0554832	58,113
South Carolina Research Authority			
Engineering of Cellular Development	47.RD	TO0041	1,041,295
Synthesis and Characterization of Metal Nanoparticles Encapsulated within Icosahedral Plant Viral Capsids	47.RD	TO0054	30,365
Planning for a South Carolina Ecological Observatory Network	47.RD	TO0058	113
Postdoctoral Academic Career Development Scholar - Kenney-Hunt	47.RD	TO0062	47,442
South Carolina EPSCoR/DeA Program Postdoctoral Academic Career Development (PACD) Program	47.RD	TO0063	57,503
Examination of the role of CCAAT/Enhancer Binding Protein-beta in Transcriptional Regulation of the p53 Promoter	47.RD	TO0065	14,744
South Carolina State University			
RUI: Surface-Engineered Nanoparticles to Inhibit Protein Aggregation (subcontract to South Carolina State U)	47.RD	07581036BAPSUSC	13,498
RUI: Surface-Engineered Nanoparticles to Inhibit Protein Aggregation (subcontract to South Carolina State U)	47.RD	07581036BAPSUSC	28,464
SCAMP II Phase I	47.RD	07581029-SCAMP	83,384
University of Nouth Carolina at Charlotte			
USC Participation in STARS Alliance for Broadening Participation in Computing	47.RD	2975-07-0580USC	173
University of South Carolina Research Foundation			
Electromechanical Resonators as Sensors for Chemical and Bio-Molecules	47.RD	0630097	2,344
Characterization of the Liquefaction Resistance of Aged Soils	47.RD	108075582062005	52,598
COLLABORATIVE RESEARCH-BES: FERRYMON U	47.RD	BES-0606940	16,782
IREE: Mixed-IntegerNonlinear Programming Approaches for Hydrogen Production Systems	47.RD	CBET-0238663	31,696
CAREER: Amyloid Fibril Formation in Bulk Solution and on Supported Phospholipid Bilayers	47.RD	CBET-0644826	79,909
Concrete and CO2 Sequestering: How Much? How Fast?	47.RD	CBET-0725268	30,371
Collaborative Research: Agent-based Modeling and Observation of Intra-population Variability in Phytoplankton	47.RD	CBET-0730061	1,111
Collaborative Research: Development of New Heterogeneous Catalysts for Nox Storage and Reduction (NSR)	47.RD	CBET-0730935	63,616
Operando Vibrational Spectroscopic Investigation of			
Heterogeneous Asymmetric Hydrogenation on Transition Metal Catalysts	47.RD	CBET-0731074	101,608
Engineering Bone Formation in Multi-Functional Nanocomposite Scaffolds	47.RD	CBET-0756394	8,573
The Recovery Divide: Sociospatial Disparities in Disaster Recovery			
from Hurricane Katrina along Mississippi's Gulf Coast	47.RD	CMMI-0623991	128,781
Synthesis of Necklace-Shaped, Boron and Boride Nanowires for Polymer Nanocomposite Applications	47.RD	CMMI-0653651	47,092
Reprogrammable Parallel NanoManufacturing	47.RD	CMMI-0700458	27,035
Travel Support to Attend the International Conference on Experimental Mechanics 2008	47.RD	CMMI-0721757	1,702
Predictive Methodologies for the Design of Lamb-Wave Piezoelectric Wafer			
Active Sensors for Structural Health Monitoring, Damage Detection and Failure Prevention	47.RD	CMS-0408578	67,181
Collaborative Research: Placed-Based Decision Support for Spatial and Temporal Transference of Risk and Hazards	47.RD	CMS-0433158	122,437
SST: Ferroelectric Thin-Film Active Sensor Arrays for Structural Health Monitoring	47.RD	CMS-0528873	109,101
International Research and Education Experience for Early-career Researchers in			
Ferroelectric/Piezoelectric Active Sensors (Supplemental Funds - IREE)	47.RD	CMS-0528873	131
DDDAS-TMRP: An Adaptive Cyberinfrastructure for Threat Management in Urban Water Distribution Systems	47.RD	CMS-0540177	15,278
Role of Mechanical Environment on the Evolution of			
Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	23,431
Role of Mechanical Environment on the Evolution of			
Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	29,496
Role of Mechanical Environment on the Evolution of			
Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	47,633
Role of Mechanical Environment on the Evolution of			
Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	16,960
Multiscale Mechanical Characterization of Biological Tubes	47.RD	CMS-0556362	55,145
Understanding the Mechanics of Particle Motion in Levee-breach Closure	47.RD	CMS-0612207	35,287
CAREER: Mixed-Integer Nonlinear Programming Approaches for Hydrogen Production Systems	47.RD	CTS-0238663	28,581

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National Science Foundation, continued			
University of South Carolina Research Foundation, continued			
Collaborative Research: Tailoring Solid Catalysts for Selective Reaction of Multifunctional Molecules	47.RD	CTS-0456899	60,696
Collaborative Research: Tailoring Solid Catalysts for Selective Reaction of Multifunctional Molecules Effect of Structure of Room Temperature Ionic Liquids on Organic Reactions Involving Electrochemically Generated Superoxide Ions	47.RD	CTS-0456899	2,904
A Hierarchical, Structure-Oriented and Stochastic Approach to Model Liquid Molding Processes	47.RD	CTS-0500032	94,773
IREE: Micro-Scale Flows Through Fibrous Media (Supplement to Account 15510-FA75)	47.RD	DMI-0522221	35,803
Collaborative Research: Hierarchical Integration and Control of Distributed Energy Resources	47.RD	DMI-0522221	30,242
A Miniature Implantable Device for Continuous Glucose Monitoring	47.RD	ECCS-0652271	33,884
CAREER: Diagnostics and Prognostics of Electric Cables in Aging Power Infrastructure	47.RD	ECCS-0702056	57,395
Plasmons in III-Nitrides and Nanoscale III-Nitride Plasma Wave Terahertz Detectors	47.RD	ECCS-0747681	21,323
Remote Detection Using Microcantilever Based Sensor	47.RD	ECCS-0801395	13,658
CAREER: Flexible, Ultra-Thin, Packaged Antennas and Arrays for Future Generation Wireless Applications	47.RD	ECCS-0801435	24,702
Career: Flexible, Ultra-Thin, Packaged Antennas and Arrays for Next Generation Wireless Applications-Supplement	47.RD	ECS-0237783	56,380
CAREER: Modeling, Control and Stability Investigation of Multiple Power Converter Systems	47.RD	ECS-0348433	4,961
Development of a Novel Wireless Sensor System Test-Bed for Infrastructure Health Monitoring and Biomedical Applications	47.RD	ECS-0348433	73,797
Capacitively Coupled Wide Bandgap Heterostructures for High-Frequency Electronics	47.RD	ECS-0619253	82,748
I/UCRC for Fuel Cell Research-Operation Grant	47.RD	ECS-0621931	54,408
International Research and Education in Engineering (IREE) Grant for Kevin Beard to Support International Travel to Fraunhofer ISE as an Early-Career Researcher	47.RD	EEC-0324260	173,449
Collaborative Research for a Friction Stir Processing I/UCRC	47.RD	EEC-0324260	11,955
Collaborative Research Proposal for a Friction Stir Processing I/UCRC - Supplemental Funding	47.RD	EEC-0437341	77,136
REU Site: Green Chemistry in Chemical Engineering	47.RD	EEC-0437341	29,054
SGER: Complexity, Systems, and Control in Nanobiotechnology: Developing a Framework for Understanding and Managing Uncertainty Associated with Radically Disruptive Technologies	47.RD	EEC-0552702	116,137
PFI: Polymer Nanocomposites Manufacturing Partnership.	47.RD	EEC-0646332	161,956
PFI: Polymer Nanocomposites Manufacturing Partnership.	47.RD	IIP-0650186	16,614
PFI: Polymer Nanocomposites Manufacturing Partnership.	47.RD	IIP-0650186	57,681
PFI: Polymer Nanocomposites Manufacturing Partnership.	47.RD	IIP-0650186	61,529
Multi-Scale Modeling of the Mouse Heart: from Genotype to Phenotype	47.RD	PO#10251464	69,215
Tracing Evolution of Metals and Stars in Galaxies with Quasar Absorption Lines	47.RD	AST-0607739	57,929
CAREER: Exploring Particle Size Dependent Surface Chemistry on Supported Metal Nanoparticles	47.RD	CHE-0133926	34,770
Sulfides and Disulfides of Di- and Polymetallic Carbonyl Complexes: Precursors to Nano-Catalysts and Nano-Structured Materials	47.RD	CHE-0354892	80,541
Development of Unique Multitopic Ligands for the Syntheses of Highly Organized Multi-Metallic Complexes	47.RD	CHE-0414239	25,286
Boronate-Linked Extended Polymer Networks	47.RD	CHE-0415553	29,981
Semiclassical dynamics and description of interference and nonadiabatic effects in mixed representation	47.RD	CHE-0516889	57,989
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	158,532
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	65,224
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	83,243
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	78,050
Conformationally Programmable Molecular Receptors	47.RD	CHE-0616442	208,276
Collaborative Research: Preparation of New Organic/Inorganic Hybrid Materials: A Multi-Disciplinary Approach to Integrate Research and Undergraduate Education	47.RD	CHE-0714439	43,254
Manipulating Metal Complex Assembly (and Function) via Structure-Directing "Third-Generation" Scorpionate Ligands"	47.RD	CHE-0715559	33,494
Self-assembled Porous Materials from Macrocyclic Ureas	47.RD	CHE-0718171	62,906
Boronate-Linked Polymeric Materials	47.RD	CHE-0718877	96,916
Unsaturated Heterometallic Cluster Complexes for Hydrogen Activation and Catalytic Hydrogenations	47.RD	CHE-0743190	16,592
Synthesis of New Platinum Group Metal Oxides	47.RD	DMR-0450103	79,972
Synthesis of Functional Composite Nanofibers Templated by 1D Self-assembly of Tobacco Mosaic Virus	47.RD	DMR-0706431	122,044
Vector-Valued Analysis and Geometry of Banach Spaces	47.RD	DMS-0306750	4,354
Modular Forms and Number Theory	47.RD	DMS-0600400	30,023
Vector-valued Analysis with a Flair from the Geometry of Banach Spaces	47.RD	DMS-0600888	7,431
Some Problems on Analyses and Applications of Centroidal Voronoi	47.RD	DMS-0609575	44,931
External and Probabilistic Combinatorics	47.RD	DMS-0701111	20,144
Topics in Banach Space Theory	47.RD	DMS-0701552	37,419
Highly Effective Representations for Surface and Solid Spherical Studies	47.RD	DMS-0709046	69,043
CMG Collaborative Research: Development of New Statistical Learning Theory and Techniques for Improvement of Convection Parameterization in Climate Models	47.RD	DMS-0721621	38,265
Current and Future Trends in Nonparametrics Conference 2007	47.RD	DMS-0726219	12,727
Investigations on the Corona Problem and a Study of Multi-Parameter Harmonic Analysis	47.RD	DMS-0752703	25,376

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National Science Foundation, continued			
University of South Carolina Research Foundation, continued			
Dynamic Models and Decision Making for Complex Reliability Systems	47.RD	DMS-0805809	4,919
FRG: Collaborative Research: Algorithms for Sparse Data Representations	47.RD	DMS-354707	44,039
Study of the Nucleon Using Polarized Photon Beams and Polarized Targets	47.RD	PHY-0244780	38,298
Study of Nuclear Physics with Intermediate Energy Probes	47.RD	PHY-0244982	1,204
Theoretical Studies of Hadronic and Nuclear Dynamics	47.RD	PHY-0457014	151,949
Nex Generation Double-Beta Experiments: CUORE/CUORICINO and Majorana	47.RD	PHY-0500337	300,702
The Study of Nuclear Physics with intermediate Energy Probes	47.RD	PHY-0555604	374,144
The Study of Nuclear Physics with intermediate Energy Probes-REU Supplement	47.RD	PHY-0555604	819
CUORE: Phase I Construction and Crystal Bolometer Research and Development	47.RD	PHY-0605119	54
Coordination of the Centers for Ocean Sciences Education Excellence (COSEE) Network Evaluation	47.RD	03-2005	44,719
In Search of Past Analogs to the Current Interglacial: MIS 11 Climate Record	47.RD	0602309	2,308
Biocomplexity of Marine Stromatolites: Biogeochemical Cycling, Microbial Population Dynamics and Mineral Formation in a Three Billion Year Old Ecosystem	47.RD	662399	12,606
Collaborative Research: Culturing Studies of Environmental Controls on Benthic Foraminiferal Shell Chemistry	47.RD	A100405	9,685
Timing and Magnitude of Climate Change Across the Eocene-Oligocene Transition, Northern Great Plains, USA	47.RD	ATM-0400532	16,871
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	47.RD	ATM-04042351	73,944
Atlantic Basin Tropical Cyclone Reconstructions for the Late Eighteenth and Early Nineteenth Centuries	47.RD	ATM-0502105	67,950
Collaborative Research: Discrete vs. Continuous Continental Deformation and the Role of the Lower Crust in the Tien Shan	47.RD	EAR-0310116	297,512
ITR: Collaborative Research: Enhancing Education through Seamless Access to Seismological Data	47.RD	EAR-0312511	46,546
Extensional unroofing of the Central Menderes Metamorphic Complex, Southwestern Turkey	47.RD	EAR-0439730	3,008
Timing, Conditions, and Rates of Thrust Transport in the Nepalese Himalaya	47.RD	EAR-0439733	2,516
Collaborative Research: Lithospheric Foundering Beneath the Sierra Nevada	47.RD	EAR-0454524	30,157
Collaborative Research: Evaluating the Competing Roles of Garnet and Fluid in Controlling U-Th Disequilibria in Lavas of the Aleutian Island Arc	47.RD	EAR-0509922	37,403
ScienceQuest: A South Carolina Geoscience Initiative	47.RD	EAR-0543954	30,411
Acquisition of a Stable Isotope Ratio Mass Spectrometer for Climate Change Research	47.RD	EAR-0545623	260,000
The EarthScope Automated Receiver Survey Phase II: Product Integration, Accessibility & Expansion	47.RD	EAR-0642890	35,368
Collaborative Research: Groundwater Dynamics of a Barrier Island	47.RD	EAR-0711301	25,031
Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels	47.RD	OCE-0134167	55,066
Collaborative Research: Chemistry of Groundwater Transport Pathways Associated with a Coastal Lagoon System	47.RD	OCE-0233657	6,320
Collaborative Research: Hydrothermal System Response to Magma Supply and Crustal Thickness Gradients Along the Galapagos Spreading Center, 89.5-94W	47.RD	OCE-0326148	14,854
Origins and Spread of the Aspergillus-Gorgonian Coral Epizootic: Role of Climate and Environmental Facilitators	47.RD	OCE-0326269	3,249
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program	47.RD	OCE-0326313	201,995
Decadal to Century-Scale Climate Variability During the Holocene: Paired Mg/Ca and Oxygen Isotope Records from Cariaco and Santa Barbara Basins	47.RD	OCE-03515234	3,604
Collaborative Research: Observation and Modeling of Inner Shelf Sediment Dynamics and Large-Scale Sorting: Cross- Shelf or Alongshelf Transport	47.RD	OCE-0451989	17,232
Collaborative Research: Anatomy of an Overlapping Spreading Center; Geochemical and Geological Study of the EPR 9A 03'N OSC	47.RD	OCE-0525872	36,801
Collaborative Research: Examining redox-sensitive phosphorus speciation and remobilization using X-ray and NMR Spectroscopic methods	47.RD	OCE-0526309	23,965
Collaborative Research: Determining the Elemental Composition of Natural Plankton Cells in the Eastern Equatorial Pacific Using Synchrotron X-Ray Fluorescence Microscopy	47.RD	OCE-0527062	18,002
Oceanic Applications of Laser induced Breakdown Spectroscopy: Laboratory Validation	47.RD	OCE-0527910	39,007
Collaborative Research: Regional Ocean-Benthic Observatory and Technology Tested on the Mid Shelf--Understanding Processes	47.RD	OCE-0535893	80,484
Collaborative Research: Establishment of a Climate Type-Section for the Tropical Atlantic From Cariaco Basin Sediments	47.RD	OCE-0602316	114,577
In situ Classification of Bloom-Forming Phytoplankton by Imaging Multivariate Optical Computing (IMOC)	47.RD	OCE-0623400	13,071
In situ Classification of Bloom-Forming Phytoplankton by Imaging Multivariate Optical Computing (IMOC)	47.RD	OCE-0623400	113,646
Rainfall-driven Intertidal Zone Carbon Cycling	47.RD	OCE-0628372	53,295
SGER: Assessing the Extent and Volume of the 2006 Eruption of the East Pacific Rise	47.RD	OCE-0639601	7,613
Fundamental Investigation of Glacial/Interglacial Deep-Sea pH and Carbonate Saturation Effects on Paired Benthic Foraminiferal Trace Element and Stable Isotope Signatures	47.RD	OCE-0647891	59,905
Fundamental Investigation of Glacial/Interglacial Deep-Sea pH and Carbonate Saturation Effects on Paired Benthic Foraminiferal Trace Element and Stable Isotope Signatures	47.RD	OCE-0647891	44,593
SGER: Transient Shelf Response to the Hurricane Wilma's Impact	47.RD	OCE-0650194	27,901
Collaborative Research: Nitrogen Fixation and its Coupling with Denitrification in the Eastern Tropical North Pacific	47.RD	OCE-0726290	91,668
Collaborative research: Iron Storage in Diatoms and N ₂ -fixing Cyanobacteria: Mechanisms, Regulation and Biogeochemical Significance	47.RD	OCE-0727832	144

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National Science Foundation, continued			
University of South Carolina Research Foundation, continued			
Collaborative Research: Genesis of Primitive, High-Sr Lavas in the Western Aleutians	47.RD	OCE-0728077	36,784
Collaborative Research: GEOTRACES: Intercalibration Exercise for Radium Isotopes in Seawater	47.RD	OCE-0751867	12,045
Large-Scale Edge Waves Generated by Hurricane Landfall	47.RD	OCE-0752059	6,121
Oxidant Generation During Fe(II) Oxidation in the Mixing Zone of Subterranean Estuaries: An Integrated Laboratory and Field Study.	47.RD	OCE-0752473	35,645
LTER: Georgia Coastal Ecosystems-II (subcontract)	47.RD	RR100-500/35069	5,449
Cooaborative Proposal: Th(IV) and Pa(IV,V) Binding to Exopolymeric Acid Polysaccharides in Marine Environments	47.RD	S050065	11,715
GeoInformatics: CUAHSI Hydrologic Information Systems	47.RD	UTA07-290	56,903
Complexity and Quantum Algorithms	47.RD	CCF-0515269	58,865
REU Site: Multidisciplinary Research in Computing	47.RD	CNS-0353637	25,000
CAREER: Disruption Tolerant Routing in Wired and Wireless Networks	47.RD	CNS-0448272	78,580
CAREER: Power Aware Scheduling for Real-Time Embedded Systems	47.RD	CNS-0545913	47,618
Generic Experimental Networking Infrastructure for Research on Emerging Networks and Services	47.RD	CNS-0551650	30,394
Reu Site: Multidisciplinary Research in Computing	47.RD	CNS-0649105	65,624
CRI: CRD Acquisition of a High-Performance Shared-Memory Computer for Biological and Medical Research in South Carolina	47.RD	CNS-0708391	409,157
CAREER: Semantic Web-Interoperation Versus Security	47.RD	IIS-0237782	51,023
Shape Exploration for Medical Applications---From Representation, Correspondence, Deformation to Image Segmentation	47.RD	IIS-0312861	12,745
Metal Uptake in Arabidopsis Thaliana and Rice	47.RD	5-34175	21,000
Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas	47.RD	5-37091	24,300
The Grammar of Raising and Control	47.RD	BCS-041899	575
Herbarium Improvements for the University of South Carolina	47.RD	DBI-0346008	5,032
A Genetic Stock Center for Peromyscus	47.RD	DBI-0444165	110,528
REU Site: Undergraduate Research in Integrative Evolutionary Biology	47.RD	DBI-0451403	75,688
Small RNAs in Rice and Maize	47.RD	DBI-0501760	463,664
Improving and Expanding Organic Carbon and Nitrogen Analyses at the Baruch Marine Field Laboratory	47.RD	DBI-0533504	2,350
The Role of Arabidopsis RAV2 in Viral Suppression of RNA Silencing	47.RD	DBI-0646540	65,717
CAREER: The Assessment of Extinction Risk from Deleterious Mutation, Habitat Fragmentation, and Environmental Change	47.RD	DEB-0238354	26,376
Patterns and Consequences of Fragrance Variation in Oenothera Caespitosa	47.RD	DEB-0317217	26,079
SGER - Effects Of Droughts and Fires on Peatland Carbon Sinks: A Case Study of Changes Following the Massive Fires of 2007 in the Okefenokee National Wildlife Refuge	47.RD	DEB-0748356	60,137
En-Gen: Bacterial Communication in Microbial Mats: A Metagenomic Approach to Understanding Quorum Sensing Gene Diversity and Expression	47.RD	EF-0723707	100,689
En-Gen: Bacterial Communication in Microbial Mats: A Metagenomic Approach to Understanding Quorum Sensing Gene Diversity and Expression	47.RD	EF-0723707	26,570
Expression of Olfactory SNMPs in Drosophila Melanogaster and Manduca Sexta	47.RD	IBN-0212510	44,930
REU: Expression of Olfactory SNMPs in Drosophila Melanogaster and Manduca Sexta	47.RD	IBN-0212510	6,884
Collaborative Research: Reproductive Behavior and Immune Disease	47.RD	IBN-0234510	17,049
LTREB: Long Term Studies of Salt Marsh Primary Production	47.RD	IBN-0316429	49,920
Collaborative Research: Detection, Perception and Utilization of Floral C02 by Manduca Sexta	47.RD	IOB-0444163	50,684
Characterization and Systemin-Responsive MAP Kinase Cascades	47.RD	ION-0321453	7,001
Role of the COP9 Signalosome and its Subunit CSN5 for Regulation of MAPK Pathways and Defense Responses in Tomato.	47.RD	IOS-0745545	33,958
REU Supplement - Role of the COP9 Signalosome and its Subunit CSN5 in the Regulation of MAPK Pathways and Defense Responses in Tomato..	47.RD	IOS-0745545	2,166
Diversity of Plant-Associated Diazotrophic Bacteria and their Distributions within Specific Vegetation Zones Along an Environmental Gradient	47.RD	MCB-0237854	35,588
Regulation of the SR160/TBR11 Kinase Domain by Systemin, Brassinolide and Ultraviolet-B Radiation	47.RD	MCB-0418890	22,656
Career: Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data	47.RD	MCB-0644195	44,952
NSF REU Supplement to Existing Career Grant (MCB-0644195): Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data	47.RD	MCB-0644195	6,304
Collaborative Research: MIP: Bacterial Interactions and Processes that Regulate Biodiversity on Marine Organic Particles	47.RD	MCB-0729594	75,121
A Genetic Stock Center for Peromyscus	47.RD	NSC/USCRF	17,668
Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas.	47.RD	UNC537091	217
NIRT: Intuitive Toxicology and Public Engagement	47.RD	2008-0919-02	16,865
Collaborative Proposal: Tracking Hydraulic Mining Sediments from the Sierra Piedmont into Flood Bypasses of the Sacramento Valley, California	47.RD	BCS-0520933	14,516
Doctoral Dissertation Research: Climate Change Effects on U.S. Water Resources Management	47.RD	BCS-0703244	6,946
Developmental Changes in the Strength of Infants' Object Representations	47.RD	BCS-0721166	21,144
U.S.-Hungary Computer Network Research on Anonymous Accountable Self Organizing Cooperation	47.RD	INT-0304904	3,665
NIRT: From Laboratory to Society. Developing an Informed Approach to Nanoscale Science and Technology	47.RD	SES-0304448	21,899

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National Science Foundation, continued			
University of South Carolina Research Foundation, continued			
Collaborative Research: Impact of Legitimacy by Endorsement on Coalition Formation in Power Structures	47.RD	SES-0456064	17,072
A Worldwide Exploratory Inquiry into the Influence of Globalization on Cooperation	47.RD	SES-0525222	282
Nanotechnology in Society Network Node: Imaging, Scientific Change and Public Understanding of Emerging Nanotechnologies	47.RD	SES-0531160	226,667
Power and Perception in Networks	47.RD	SES-0551895	74,573
Collaborative Research: Status and the Organization of Collective Action	47.RD	SES-0647169	27,447
Summer Research Institute in Experimental Psychology	47.RD	SES-0649249	74,980
Doctoral Dissertation Research: Norm Conformity and Social Identity in Collective Action Groups	47.RD	SES-0703402	3,530
Item Response Theory Models for Mixtures of Dominance and Proximity Items	47.RD	SES-0720072	43,595
Decision Making in the Federal Judicial Hierarchy	47.RD	SES-0720624	27,057
Doctoral Dissertation Research: A Theory and Experimental Test of Collective Action Participation	47.RD	SES-0720935	5,009
Effects of Inquiry-Based Teaching Experiences on Graduate Students Research Skill Development	47.RD	DRL-0723686	110,148
Peer Review as a Mechanism for both Curriculum Reform and Assessment	47.RD	DUE-0410992	32,880
CCLI: Effects of Timing, Content and Instruction on Students' Abilities to Solve Open-Ended Problems Using Computers	47.RD	DUE-0536660	49,903
Developing an Engineering Environment for Fostering Effective Critical Thinking (EFFECT) Through Measurements	47.RD	DUE-0633635	70,979
CCLI: Novel instruction Material Development for Embedded System Education in Undergraduate Curriculum	47.RD	DUE-0633641	34,845
Continuous Renewal of Undergraduate Education Via an Interdisciplinary, Inquiry-Based Laboratory	47.RD	DUE-0633648	76,492
Improving STEM Retention through Instruction: Leveraging Faculty Expertise	47.RD	DUE-0653160	102,093
Collaborative Proposal: Maplets for Calculus	47.RD	DUE-0737209	7,116
Project MET (Mathematics for Elementary Teachers)	47.RD	DUE-0772590	3,630
Professional Development Threading Content, Pedagogy and Curriculum: A Study of Classroom Impact	47.RD	ESI-0455811	61,142
Connecting Real World Scientific Problems with Real World Local Issues	47.RD	SENCER/NSF	995
The South East Alliance for Graduate Education and the Professoriate	47.RD	UFO5037	84,744
Collaborative Research: Free-Drifting Icebergs as Proliferating Dispersion Sites of Iron Enrichment, Organic Carbon Production and Export in the Southern Ocean	47.RD	ANT-0636319	217,632
Collaborative Research: IPY: Testing the Polar Gateway Hypothesis: An Integrated Record of Drake Passage Opening and Antarctic Glaciation	47.RD	ANT-0732995	105,456
Collaborative Research: Chromophoric Dissolved Organic Matter and Lignin Phenols as Tracers of Water Masses and Biogeochemical Processes in the Arctic Ocean	47.RD	ARC-0713915	40,455
Collaborative Research: Biogeochemical Cycling of Particulate and Dissolved Organic Matter in the Arctic Ocean Using Molecular Markers.	47.RD	OPP-0125301	4,109
Subcontract - CAREER: Colonizing Land via the Estuarine Route	47.RD	D285-2	2,176
US-Peru Collaborative Workshop in Nuclear Physics and its Applications	47.RD	OISE-0652360	7,392
Collaborative Research: AOC: Reconceptualizing the Genesis of Change in Rural African Societies: Exploratory Research on the Co-production of Land Use and Livelihood Change	47.RD	OISE-0719788	20,494
PIRE: Modeling of Flood Hazards and Geomorphic Impacts of Levee Breach and Dam Failure	47.RD	OISE-0730246	113,011
Plum Island Ecosystems LTER	47.RD	24095	98,197
Lipid Content of Upriver and Estuarine Populations of U. Minax in Coastal South Carolina	47.RD	D285	4,941
Modification of Lonomer Membrances to Improve Conductivity (STTR - Phase I)	47.RD	ZDD/NSF	25,874
University of Texas at Austin Digital Petrographic Microscope Image Generation and Catalogue	47.RD	UTA07-269	13,801
Total National Science Foundation			12,823,542
Environmental Protection Agency			
Passed through programs from:			
University of South Carolina Research Foundation			
Mast Cell Mediated Cardiac Effects of Particulate Matter	66.RD	EPARD83195302	84,007
Biomarkers for the Association of Asthma, Atopy and Pre-and Perinatal Exposure to Halogenated Organic Compounds	66.RD	RD-83082502	76,325
Chemical and Biological Behavior of Carbon Nanotubes in Estuarine Sedimentary Systems	66.RD	RD83171601	34,999
Chemical and Biological Behavior of Carbon Nanotubes in Estuarine Sedimentary Systems	66.RD	RD83171601	32,161
Development of Receptor-to-Population Level Analytical Tools for Assessing Development of Receptor-to-Population Level Analytical Tools for Assessing	66.RD	RD-832737010	53,031
Development of Receptor-to-Population Level Analytical Tools for Assessing Endocrine Disruptor Exposure in Wastewater-Impacted Estuarine Systems	66.RD	RD-832737010	54,724
Condition Assessment and Cumulative Impacts Analysis of Isolated Wetlands on the Carolinas Coastal Plain	66.RD	2-321-0211440	754
Determining the Potential for Algal Bloom in Lake Maurepas: Effects of Changing Nutrient Load from Freshwater Diversion and Changes in Human Population	66.RD	650807	4,458
An Integration of Copepod-Based BAF's	66.RD	GR-83221101	47,725
An Integration of Copepod-Based BAF's	66.RD	GR-83221101	19,035
Linking Impacts of Climate Change to Carbon and Phosphorus Dynamics Along a Salinity Gradient in Tidal Marshes	66.RD	VU527783	22,022
Total Environmental Protection Agency			429,241

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US Department of Energy			
Experimental Particle Physics	81.RD	DEFG0295ER40910	636,095
Cultural Resource Management on the Savannah River Site	81.RD	DEFC0998SR18931	723,857
FY 2004 38FK155 Mitigation - Savannah River Archaeological Research Program	81.RD	DEFC0998SR18931	22,592
Transport Behavior of Superconductors at High Dissipative Currents	81.RD	DEFG0299ER45763	77,056
Passed through programs from:			
Medical University of South Carolina			
Medical Surveillance Program-Former Production Workers-Phase II year 6	81.RD	DEFC0297SF21513	8,636
South Carolina Universities Research and Education Foundation			
To Perform Hydrogen Transport Transient and State Analysis & Specimen Feasibility Analysis and Design	81.RD	C001572-O	21,654
Development of SEIRA Substrates Fabricated by Glancing			
Angle Vapor Deposition (GLAD) for Uranyl Ion Detection and Differentiation	81.RD	KP66705/WEST146	9,343
Synthesis and Spectroscopic Investigations of Novel Hydrogen Storage Materials	81.RD	WEST127/SC0202	10,739
Differentiation of Uranyl Ion Complexes Utilizing Surface-Enhanced Vibrational Spectroscopy	81.RD	WEST130/SC0207	14,132
South Carolina Seismic Monitoring Network	81.RD	WEST089	86,244
University of South Carolina Research Foundation			
Subcontract to Clemson University's Department of Energy			
Radiochemistry Education Award Program Proposal	81.RD	979755822320949	21,368
Metal Segregated Cluster Complexes: Organometallic			
Models for Bimetallic Synergism and Interface Activity	81.RD	DEFG0200ER14980	25,365
Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL	81.RD	DEFG0203ER46043	27,559
Understanding Long-Term Solute Transport in Sedimentary Basins:			
Simulation Brine Migration in the Alberta Basin, Canada	81.RD	DEFG0204ER15515	25,701
Analysis and Development of a Robust Fuel for Gas-Cooled Fast Reactors	81.RD	DEFG0206ER46270	84,871
Integrated Hydrogeophysical and Hydrogeologic Driven Parameter Upscaling for Dual-Domain Transport Modeling	81.RD	DEFG0206ER64210	67,811
Integrated Hydrogeophysical and Hydrogeologic Driven Parameter Upscaling for Dual-Domain Transport Modeling	81.RD	DEFG0206ER64210	86,571
Hybrid Organic-Inorganic Composite Solar Cells for Efficient, Low-Cost, Photoelectric Energy Conversion	81.RD	DEFG0207ER46428	98,666
Hybrid Organic-Inorganic Composite Solar Cells for Efficient, Low-Cost, Photoelectric Energy Conversion	81.RD	DEFG0207ER46428	23,259
New Grid and Discretization Technologies for Ocean and Ice Simulations	81.RD	DEFG0207ER64431	4,690
Atomic-Scale Design of a New Class of Alloy			
Water-Gas-Shift Catalysts With Improved Sulfur Resistance-USC Subcontract	81.RD	R172126	27,286
Mercury Speciation in Coal Fired Power Plant Flue Gas-Experimental Studies and Model Development	81.RD	402780	32,836
MOX Toxicity Study	81.RD	RR267268/384039	1,629
A-01 and H-02 Wetland Organic Matter/Toxicity Study	81.RD	RR2676553501868	5,560
Regulatory Role of Aintegumenta in Organ Initiation and Growth	81.RD	DEFG0298ER20312	46,832
An Innovative High Thermal Conductivity Fuel Design	81.RD	DEFG0704ID14597	23,470
Advanced TRISO Fuels with Zirconium Carbide for Very High Temperature Reactors	81.RD	DEFG0707ID14774	27,581
Advanced Electrochemical Technologies for Hydrogen Production by Alternative Thermochemical Cycles	81.RD	3530USC-DOE4886	164,654
Raman Waveguide Studies	81.RD	B526537	61,351
High Performance Electrolyzers for Hybrid Thermochemical Cycles	81.RD	DEFC0706ID14752	76,111
Laboratory Enhancements for Advanced Nuclear Fuel Development Related to GNEP	81.RD	DEFG0707ID14860	91,442
Modeling of a CFx Battery	81.RD	662994	7,201
Professional Development Opportunity Fellowship Program	81.RD	801386	15,448
Nanoscale Deformation Measurement and Analysis	81.RD	802178	14,776
Technical Support to Refine and Validate Proton Exchange Membrane Fuel Cell Model	81.RD	AFA-7-77646-01	2,238
University of South Carolina Fuel Cell Design Project - Management	81.RD	DEFG3606GO86041	31
University of South Carolina Fuel Cell Design Project - Project 2: Catalysts Studies	81.RD	DEFG3606GO86041	44,964
University of South Carolina Fuel Cell Design Project - Project 3: H2 Quality	81.RD	DEFG3606GO86041	162,290
University of South Carolina Fuel Cell Design Project - Project 4: Gaskets	81.RD	DEFG3606GO86041	189,205
University of South Carolina Fuel Cell Design Project - Project 5: High Temp Membrane	81.RD	DEFG3606GO86041	172,824
Ammonia Process by Pressure Swing Adsorption	81.RD	GO16105	175,828
Development of a Process Simulator for Adsorption Enhanced Reforming/Pressure Swing Reformer	81.RD	IE INC/DOE	38,242
Regeneration of Sodium Borohydride from Borates Using Ionic Liquids	81.RD	MILLENNIUM CELL	50,000
Technical Support to Refine and Validate Proton Exchange Membrane Fuel Cell Model	81.RD	PO#186557	9,143
Durability Study of SOFC Cathodes in the Presence of Metallic Interconnects	81.RD	PO#700156137	65,684
Identification of Plant Endophyte Secondary Metabolites	81.RD	133670	889
Consortium Project #17: Internet University Reactor Experiments for			
Education in Nuclear Engineering and Research in Science	81.RD	2202139103	210,081
Contributions to the Summary of Current Knowledge about Community Resilience	81.RD	400006520	39,019
Raman Hollow-Capillary Gas Mixture Studies	81.RD	B573251	30,445
Novel Non-Precious Metal Catalyst for PEMFC: Catalyst Selection Through Molecular Modeling and Durability	81.RD	DEFC3603G013108	169,155
Clean Energy Research	81.RD	DEFC3604G014232	400,046
New Adsorption Cycles for Carbon Dioxide Concentration and Capture	81.RD	DEFG2-05NT42545	70,888
Digital Image Correlation-Uncertainty Quantification	81.RD	PO#551836	18,018
Joint USC-Savannah River Ecology Laboratory Faculty	81.RD	RR267555824457	344
Savannah River Ecology Laboratory Program	81.RD	RR2676559821597	29,317
Total US Department of Energy			4,551,037

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US Department of Education			
Passed through programs from:			
South Carolina Department of Education			
Evaluation of the Special Education State Improvement Grant Implementation	84.RD	07CB306-01	1,224
Continuation for the State Improvement Grant Evaluation	84.RD	08CB308-02	35,313
SIG Research: Evaluation Proposal for Extension of the State Improvement Grant	84.RD	08CB308-01	49,655
Reading First Evaluation	84.RD	R23323	238,347
Reading First Evaluation	84.RD	R23816	152,023
Evaluation of the SC Department of Education's Teen LEAD Initiative	84.RD	SC DEPT EDU	245
Character Development in South Carolina: Evaluation and Technical Assistance	84.RD	SC DEPT OF EDU	51,648
University of South Carolina Research Foundation			
Center for International Business Education and Research	84.RD	P220A060013-07	376,987
Development and Validation of Behavioral Screeners for Early Identification and Intervention in Elementary School	84.RD	13492-01	25,212
Development of the IEP Quality Scale. Subcontract with the University of Illinois.			
Application to the Institute of Education Sciences Special Education			
Research on Individual Education Programs (CFDA Number 84.324)	84.RD	2006-02480-01	48,517
Development and Validation of Behavioral Screeners for Early Identification and Intervention in Elementary School	84.RD	RR2440719822747	9,981
Total US Department of Education			989,152
US Department of Health and Human Services			
Mechanisms of Asbestos-Induced Clec1 and Mucin in Lung Epithelium			
	93.RD	8-KES014742A	86,190
Trial of Activity for Adolescent Girls - Field Center			
	93.RD	8-U1HL66852A	30,419
Passed through programs from:			
Office of Lieutenant Governor			
Continuation of the Evaluation of "Empowering Older People to Take			
More Control of their Health Through Evidence-Based Prevention Programs: A Public/Private Collaboration"	93.RD	EBD0505	16,116
Evaluation of "Empowering Older People to Take More Control of their			
Health Through Evidence-Based Prevention Programs: A Public/Private Collaboration"	93.RD	LIEUTENANT GOV	2,354
Systems Transformation Grant SFY 2007 Evaluation	93.RD	7USCST	412
Evaluation of ADRC Expansion Grant: Building Upon Success	93.RD	ADXU07	6,094
Evaluation of ADRC Expansion Grant	93.RD	ADXU08	8,564
Consultation on Effects of OAA Services on Medicare Utilization and costs	93.RD	LGOA/AOA	38,300
Systems Transformation Grant SFY 2008 Evaluation	93.RD	8USCST	69,214
Medical University of South Carolina			
Adapting MST to Address Transmission Risk Behaviors in HIV+ Young People	93.RD	MH077500-USC	14,360
Translating an Efficacious HPV Vaccine into the Control of Cervical Cancer	93.RD	MUSC07-010	3,335
Non-Canonical WNT Signal Transduction and Cardiogenesis	93.RD	1R01HL073190-01	2,397
Office of the Governor			
Evaluation of the State Incentive Grants for Treatment of			
Persons with Co-Occurring Substance Related and Mental Disorders	93.RD	OFF OF GOVERNOR	102,256
RTI International			
Enhancing TB Programs' Capacity for Self-Evaluation; Testing New Tools and Developing an Evaluation Toolkit	93.RD	2-312-0208264	10,728
South Carolina Center for Fathers and Families (SCDSS)			
Temporary Aid to Needy Families (TANF)	93.RD	SCCF/SCDSS/HHS	28,747
South Carolina Department of Health and Environmental Control			
Antibiotic Prescribing Behavior and Outcomes	93.RD	PO#706238	8,560
Get Smart: Know When Antibiotics Work on the Farm - Phase II Communications			
Campaign for South Carolina Dairy Farmers (Subcontract from			
South Carolina Department of Health and Environmental Control)	93.RD	PO#709232	12,019
Pregnancy Risk Assessment Monitoring System	93.RD	PO#674647	19,669
Contract Between SC Department of Health and Environmental Control, Bureau of			
Disease Control and the University of South Carolina, School of			
Public Health, Department of Health Services Policy and Management	93.RD	PO#647152	26,013
Behavioral Risk Factor Surveillance System	93.RD	PO#563420	301,182
South Carolina Department of Health and Human Services			
Purchase and Provision of Alzheimer's Disease Registry			
Management and Training and Development Related to Dementia	93.RD	A00088A	590,528
Alzheimer's Disease Registry Management, Training and Development Related to Dementia	93.RD	A70088A	4,884
Evaluation of a Medication Adherence Management Service in			
the South Carolina Community Long Term Care Elderly/Disabled Waiver Program	93.RD	A71504A	54,926
SCDHHS Medicaid Eligibility Quality Improvement 2007-2008 Contract	93.RD	A81425A	508,690
Independent Program Evaluation and Technical Assistance and			
Consultation Efforts with Medically Complex Medicaid Recipients	93.RD	A91494A	1,563,591
SCDHHS Medicaid Eligibility Quality Improvement 2008-2009 Contract	93.RD	SCDHHS/HHS	7

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US Department of Health and Human Services, continued			
South Carolina Department of Mental Health			
Evaluation of the South Carolina Medicaid Family Planning Waiver FY 2008	93.RD	A80967A	49,873
Evaluation of PRTF Waiver Implementation	93.RD	A81571A	35,496
Statistical Analysis for SC Department of Mental Health--Education, Training and Research	93.RD	SC DMH	6,107
Process Evaluation of the South Carolina Violence Prevention Collaborative Project	93.RD	1-H79SM5580301	14,600
South Carolina Department of Social Services			
Technical Assistance and Development Project for an Electronic System of Data Collection and Authentic Assessment for Infant and Toddlers	93.RD	C80001H	114,239
South Carolina Research Authority			
Microscopy and Cell Biology at USC Beaufort	93.RD	TO0061	32,664
South Carolina Sea Grant Consortium			
Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxins	93.RD	CD06	27,627
Expanding Existing Surveillance and Reporting of Pfiesteria, Other Harmful Algal Blooms, and Algal Toxins	93.RD	CD11	30,709
Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful algal Blooms, and Marine Toxins	93.RD	V4C6	5,235
University of Notre Dame			
Precursors of Retardation in Children with Teen Mothers	93.RD	2R01HD2645606A1	37,659
University of South Carolina Research Foundation			
Environmental Determinants of Pulmonary Disease: A New Approach to an Old Problem	93.RD	1K01EH000287-01	110,700
Population-Level Parenting Interventions to Reduce Prevalence of Child Abuse	93.RD	1R18CE001340-01	197,232
Dissemination Award: Rural/Urban Differences in Missed Opportunities to Identify HIV-Infected Individuals in South Carolina	93.RD	1R36PS000844-01	22,264
Evaluation and Capacity Building Contract	93.RD	SCCFF/HHS	108,287
Long-Term Effect of Social Environments on Activity Patterns and Overweight among U.S. Adolescents	93.RD	1R40MC089580100	28,633
Maternal Sexual Infections and Adverse Child Outcomes	93.RD	R40MC06636	98,398
Mitochondrial Anti-Oxidant Factors and Redox Status	93.RD	1K22ES01378001	106,694
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	1R01ES012895-01	227,319
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	1R01ES012895-01	123,485
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	1R01ES012895-01	204,868
Effect of TCDD-induced apoptosis on T cells	93.RD	7R01ES009098-07	229,843
Mitochondrial Myopathy and Siderblastic Anemia	93.RD	PO#400955	40,422
Ambient Particulate Matters Poison Cardiac Ion Channels	93.RD	1R21ES01339102	33,562
Novel Accelerated in Vitro Breeding for Phytoremediation-Phase II STTR	93.RD	SOUTHERN SUN BI	155,398
Tissue Engineering of Skeletal Muscle	93.RD	F5603-02	25,570
Skeletal Muscle Tissue Engineering	93.RD	F5603-03	58,352
Informed Decision Making for Prostate Cancer (SIP 21-04 continued subcontract with the University of Texas-Houston, year 3)	93.RD	0004452B	68,044
Development of a National Strategic Plan for Physical Activity	93.RD	3U48DP000051-03	12,949
Physical Activity Training for Public Health Professionals (Year)	93.RD	5U48DO000051-04	72,951
SIP8: PAAT: Refinement, Validation, Feasibility	93.RD	5U48DP000047-02	14,233
Community-Based Approaches to Dementia Prevention (Supplement to SIP 13-04)	93.RD	5U48DP000051-02	9,660
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP000051-03	235,378
Physical Activity Training for Public Health Professionals	93.RD	5U48DP000051-03	144,562
The Healthy Aging Research Network - SIP 13-04	93.RD	5U48DP000051-03	28,060
Physical Activity Policy Research Network - SIP 5-04	93.RD	5U48DP000051-03	45,264
SIP 8-06: Prevention Research to Promote and Protect Brain Health	93.RD	5U48DP000051-03	93,002
Health Promotion and Disease Prevention Research Centers (Year 4)	93.RD	5U48DP000051-04	569,574
SIP 13-04: The Healthy Aging Research Network (Year 4)	93.RD	5U48DP000051-04	46,989
Development of a National Strategic Plan for Physical Activity	93.RD	5U48DP000051-04	37,596
SIP 8-06, Prevention Research to Promote and Protect Brain Health (Year 4)	93.RD	5U48DP000051-04	65,202
Fathers and Risk for Physical Child Maltreatment: Prevention Pathways	93.RD	34657	18,416
Population-Based System of Positive Parenting	93.RD	5R17CE422317-05	551,712
Population-Based System of Positive Parenting	93.RD	5R17CE422317-05	86,386
Using Bayesian Networks for Adaptive Management of Watershed/Estuarine Systems	93.RD	08-SC-NIH-1041	3,208
Rural Health Research Grant Program Cooperative Agreement	93.RD	5U1CRH037110300	110,824
South Carolina Rural Health Research Center	93.RD	5U1CRH037110400	411,090
Neural Predictors of Anomia Recovery in Aphasia	93.RD	1R01DC00835501A	297,210
Spectro-temporal Processing of Speech by Normal and Impaired Listeners	93.RD	1R01DC008594-01	136,741
Throat Clearing, Coughing, and Alternative Behaviors	93.RD	1R03DC008403-01	32,023
Neurological Predictors of Aphasia Recovery	93.RD	8-R3DC00591502	2
Efficacy of Laryngeal High-Speed Videoendoscopy	93.RD	NATL INST DEAFN	476,961
Analysis of Data of the OSSM Project at Michigan State University	93.RD	61-0488SC	15,325
Analysis of Reproductive Periods Collected in the OSSM Project at Michigan State University	93.RD	61-0488SC	4,060
Organochlorine Exposure and Gene Expression of Sex Steroids in a Multigenerational Cohort of Michigan Fish Eaters	93.RD	61-0551SC	10,139
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 2	93.RD	1P01AT003961-01	117,111
Center for CAM Research on Autoimmune and Inflammatory Diseases - Admin. Core	93.RD	1P01AT003961-01	95,550
Center for CAM Research on Autoimmune and Inflammatory Diseases - Immunotox. Core	93.RD	1P01AT003961-01	34,735
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 1	93.RD	1P01AT003961-01	60,020

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US Department of Health and Human Services, continued			
University of South Carolina Research Foundation, continued			
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 3	93.RD	1P01AT003961-01	84,300
Preventing Risks of Long Sleep	93.RD	8-R1HL07156001	10,018
Genetic, Cognitive, and Interpersonal Vulnerabilities to Depression in Youth	93.RD	1R01MH077195-01	239,920
Natural Experiment in Deviant Peer Exposure and Youth Recidivism	93.RD	1R03MH075808-01	38,512
Lentiviral Vectors for Targeted Manipulation of Amygdalar Gene Expression	93.RD	1R21MH076909-01	94,255
A Multilevel HIV Prevention Strategy for High-Risk Youth: Minority Supplement - Constance Shepard	93.RD	3U01MH066802-04	4,535
Stress Allostasis: CRF, Serotonin and the BNST	93.RD	5-28290-G1	20,595
Exploring Diabetes and Depression in Youth	93.RD	5R01MH068126-04	57,971
A Multilevel HIV-Prevention Strategy for High-Risk Youth	93.RD	5U01MH066802-03	68,093
A Multilevel HIV Prevention Strategy for High-Risk Youth	93.RD	5U01MH066802-04	360,201
Risk Reduction via Promotion of Youth Development	93.RD	8-R1MH054171	580,902
Amygdalar Neuropeptides and Anxiety	93.RD	8-R1MH63344A	153,826
Evaluation of Project SAFE: Agreement to Subcontract	93.RD	1U79SM057844-01	61,377
Mechanism of Alcohol Induced Neurotoxicity	93.RD	1R21AA016121-01	857
Data Analysis for "Determinants and Consequences of Alcohol Consumption"	93.RD	08-SC-NIH-1058	9,212
Amygdala NPY, Anxiety Phenotypes and Alcohol Consumption	93.RD	1R21AA017361-01	22,787
Amygdala NPY, Anxiety Phenotypes and Alcohol Consumption	93.RD	1R21AA017361-01	58,402
Alcohol Exposure, Social Behavior and Development	93.RD	2R01AA011566-07	344,116
Alcohol Metabolism Genes in Transgenic Mice	93.RD	5R01AA011828-08	98,762
Prenatal IV nicotine: Long-term Vulnerability to Stimulant Drugs	93.RD	1R01DA021287-01	122,989
Developmental Regulation of Endothelin Pain	93.RD	1R01DA023593-01	27,508
Prenatal Cocaine Exposure and Attentional Dysfunction	93.RD	387116990	65
HIV/Cocaine Neurotoxicity in Females	93.RD	5R01DA013137-07	404,562
HIV/Cocaine Neurotoxicity in Females - Minority Supplement - Sheila Adams	93.RD	5R01DA013137-07	35,519
Cannabinoid-Induced Apoptosis in T Cell Regulation	93.RD	7R01DA016545-04	166,981
Neurodevelopmental Basis(es) of Nicotine Sensitization	93.RD	8-R1DA13712A	12,632
Housing, Adaptive Functioning, and Serious Mental Illness	93.RD	5K23MH06543903	13,188
An Efficacy Trial of Steps to Your Health for Adults with Learning Domain Disabilities	93.RD	1R01DD0001111-01	361,519
Epidemiology of ADHD in Young Children	93.RD	9-0CCU422316	65
EXPORT - Year 2 - Research Education and Training Core	93.RD	5P20MD001770-02	20,236
EXPORT - Year 2 - Administrative Core	93.RD	5P20MD001770-02	14,238
EXPORT - Year 3 - Research Core	93.RD	5P20MD001770-03	267,640
EXPORT - Year 3 - Administrative Core	93.RD	5P20MD001770-03	613,319
EXPORT - Year 3 - Community Partnerships Outreach Core	93.RD	5P20MD001770-03	325,083
EXPORT - Year 3 - Research, Education and Training Core	93.RD	5P20MD001770-03	310,103
EXPORT - Year 3 - Acupuncture and Oral Immune Function - Project #3	93.RD	NCMHD/NIH	97,472
Social Support for Mothers of Mentally Ill Children	93.RD	5R01NR008580-03	181,181
Telephone Peer Counseling for Rural Women with HIV	93.RD	8-R1NR04956A	225,353
A 3-D Model System to Study Cardiac Valve Formation	93.RD	5R21HL080294-02	10,630
Estrogen, Gene Expression, and Gonadal Development	93.RD	P20MD00233-05	42,853
Role of Estrogen in Luteal Function	93.RD	P20MD00233-05	33,017
South Carolina's Center for Clinical and Translational Research: Planning Phase	93.RD	1P20RR023476-01	54,679
Center for Colon Cancer Research/Administrative Core	93.RD	1-P20RR1769801	11,898
COBRE: APC and Mitosis: A Role for Cytoplasmic Dynein	93.RD	1-P20RR1769801	6,689
COBRE: Adjuvant Nutrition and Chemotherapeutic Response	93.RD	1-P20RR1769801	7,823
COBRE: Physical Activity, Energy Balance, and Colon Cancer Risk	93.RD	1-P20RR1769801	75
COBRE: Mouse Core Facility	93.RD	1-P20RR1769801	2,571
COBRE: Histology/Imaging Core Facility	93.RD	1-P20RR1769801	7,535
COBRE: Pathology Core Facility	93.RD	1-P20RR1769801	577
COBRE: Renovation Care	93.RD	1-P20RR1769801	3,073
South Carolina COBRE for Developmentally Based Cardiovascular Diseases - Administrative Core	93.RD	2P20RR016434-06	43,644
South Carolina COBRE for Developmentally Based Cardiovascular			
Diseases - Molecular Imaging and Instrumentation Core	93.RD	2P20RR016434-06	21,573
COBRE: Administrative Core	93.RD	2P20RR017698-06	638,576
COBRE: Animal Core	93.RD	2P20RR017698-06	217,648
COBRE: Biometry Core	93.RD	2P20RR017698-06	36,105
COBRE: Pathology	93.RD	2P20RR017698-06	84,795
COBRE: Histology Core	93.RD	2P20RR017698-06	166,043
COBRE: Hofseth Project	93.RD	2P20RR017698-06	185,354
COBRE: Dixon Project	93.RD	2P20RR017698-06	205,607
COBRE: Buckhaults Project	93.RD	2P20RR017698-06	210,854
COBRE: Baudino Project	93.RD	2P20RR017698-06	203,195
COBRE: Thompson/Lavigne Project	93.RD	2P20RR017698-06	241,228

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South Carolina COBRE for Developmentally Based Cardiovascular Diseases - Proteomics Facility	93.RD	2P2ORR016434-06	22,597
INBRE (Year 2) - Administrative Core	93.RD	5P2ORR016461-06	6,245
INBRE (Year 2) - Outreach	93.RD	5P2ORR016461-06	38,609
INBRE (Year 2) - Bioinformatics	93.RD	5P2ORR016461-06	1,910
INBRE (Year 3) - Engineering	93.RD	5P2ORR016461-07	163,640
INBRE (Year 3) - School of Medicine	93.RD	5P2ORR016461-07	110,960
INBRE (Year 3) - Administrative Core	93.RD	5P2ORR016461-07	619,867
INBRE (Year 4) - Engineering	93.RD	5P2ORR016461-08	10,306
INBRE (Year 4) - School of Medicine	93.RD	5P2ORR016461-08	2,480
INBRE (Year 4) - Administrative Core	93.RD	5P2ORR016461-08	24,056
Peromyscus Laboratory Animals for Biomedical Research	93.RD	5P4ORR014279-08	170,099
Peromyscus Laboratory Animals for Biomedical Research	93.RD	SP4ORR014279-09	38,982
Thymineless Stress, DNA Repair and Recombination	93.RD	1R01CA10045001A	37,243
Methods for Improved Diet and Exercise Measurement	93.RD	1R01CA114579	54,525
Evaluation and Development of Cancer Cluster Diagnostics	93.RD	1R03CA125828-01	82,652
A Pilot Investigation of Ethnic Disparities in Patient-Initiated Premature Treatment Discontinuation Among Colon Cancer Patients	93.RD	1R03CA128470-01	92,142
A Population-Based HPV Survey of Women in South Carolina	93.RD	1R15CA125600-01	88,409
Cancer Prevention by West African Medicinal Plants	93.RD	1R21CA10713801	11,020
Thymineless Stress, DNA Repair and Recombination	93.RD	8-R1CA100450	182,091
Singular Information for Cancer Cluster Detection	93.RD	8-R3CA113143-01	1,640
Children's Oncology Group/National Childhood Cancer Foundation	93.RD	12823	15,016
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	2R01CA076560-04	13,928
Thymidylate Synthase and Fluorodeoxyuridine Resistance-Supplemental Funding	93.RD	3-R01CA04401316	7,014
Thymidylate Synthase and Fluorodeoxyuridine Resistance	93.RD	8-R1CA44013E	81,031
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	8-RCA076560B	85,602
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	9-R1CA076560	5,965
Cachexia in ApcMin/+mice: The Role of IL-6	93.RD	1R01CA121249-01	7,337
HPIV16-Induced TGF-Beta Resistance in Human Keratinocytes	93.RD	8-R1CA89502A	45,955
Training of Claflin Minorities at the USC Cancer Center	93.RD	5P20CA09642703	77
Gene-Nutrient Interactions and Breast Cancer	93.RD	7K07CA102640-04	133,572
Modeling Inter-Rater Agreement Using Mixed Models	93.RD	1R03CA114783-01	33,391
South Carolina Cancer Disparities Community Network:			
Research Supplement to Promote Minority Researchers (Elder)	93.RD	3U01CA114601-03	36,318
South Carolina Cancer Disparities Community Network: Research Supplement to Promote Diversity in Health-Related Research (Armstead)	93.RD	3U01CA114601-03	98,687
SCCDCN: Impact of Colonoscopies Performed by Primary Care Physicians	93.RD	3U01CA114601-03	71,817
SCCDCN: HPV Vaccine Acceptability and Promotion in Faith-Based Settings	93.RD	3U01CA114601-03	57,634
South Carolina Cancer Disparities Community Network - Research Supplements to Promote Diversity in Health-Related Research (PA #: PA-05-015) J. Smith	93.RD	3U01CA114601-03	19,154
The Modulation of Colon Carcinogenesis	93.RD	5R01CA096694-04	8,785
South Carolina Cancer Disparities Community Networks: (Noncompeting Renewal--Year 3)	93.RD	5U01CA114601-03	431,164
South Carolina Cancer Disparities Community Network (SCCDCN): Non-competing renewal	93.RD	5U01CA114601-04	69,688
Defining the Built Environment	93.RD	7R21CA121151-03	75,608
New Statistical Models for Recurrent Event Data	93.RD	5R01GM056182-06	174,244
Development of Xenopus as a Model of Human Congenital Heart Disease	93.RD	1K02HL086737-01	86,855
The Morphogenetic Regulation of Cardiac Valves by Fluid Flow	93.RD	1K02HL086901-01	92,835
Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart	93.RD	1R01HL083441-01	291,904
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches	93.RD	1R01HL083858-01	498,673
Dynamic Interaction between Cardiac Fibroblasts, Myocytes and the ECM	93.RD	1R01HL085847-01	52,419
Dynamic Interaction between Cardiac Fibroblasts, Myocytes and the ECM	93.RD	1R01HL085847-01	4,648
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	6,312
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	261,711
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	28,418
Is Childhood Obesity Related to Participation in School Meals	93.RD	1R21HL088617-01	23,604
The HHER Lifestyle for CVD Risk Reduction - Minority Supplement	93.RD	3R01HL073001-04	51,148
Sexual Hormones, Cardiac Mast Cells and Cardioprotection (Minority Supplement)	93.RD	3R01HL073990-03	999
Supplement to: A Partnership to Promote PA & Healthy Eating in AME Churches 1 Rol HL083858-01	93.RD	3R01HL083858-02	12,291
Heart Disease, Inflammatory Markers and Particulates	93.RD	5F32HL083648-02	18,852
HHER Lifestyle Program for CVD Risk Reduction	93.RD	5R01HL07301-02	227,509
Role of Discoidin Domain Receptor 2 in Valvulogenesis	93.RD	5R01HL73937-02	214,911
Endothelial Cell Injury by Cytolytic Lymphocytes	93.RD	7R01HL058641-08	31,154
Cardiac Mast Cell: Role in Pathogenesis of Heart Failure	93.RD	7R01HL062228-06	277,755
Sexual Hormones, Cardiac Mast Cells and Cardioprotection	93.RD	7R01HL07399002	261,757

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US Department of Health and Human Services, continued			
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Children's Dietary Recalls: Methodology and Accuracy	93.RD	8-R01HL074358	250,429
Memory Errors in Children's Dietary Recalls	93.RD	8-R1HL07308	35,864
Regulation of AV Canal Formation by the Jak-STAT Pathway	93.RD	8-R1HL7295801	224,436
Research Support Costs for Claflin College Master's Students	93.RD	8-R1HL732700A	73,694
Trial of Activity for Adolescent Girls - Minority Supplement (Year 2)	93.RD	8-U1HL66852A	6,432
HYPGENE - Genetics, Fitness, Obesity, and Risk of Hypertension (Sub-Contract)	93.RD	R01HL069870	1,682
Calcitonin Gene-Related Peptide and Hypertension	93.RD	S020038	24,876
Role of ASIC3 in the Etiology of Fibromyalgia	93.RD	1000555807	47,204
Androgen Regulation of Skeletal Muscle Regeneration	93.RD	1R03AR05143401	15,505
Role of Matrix Vesicles in Calcification	93.RD	8-R1AR189832	210,605
Diabetes Prevention Program Outcomes Study (DPP OP)	93.RD	07-N05	39,313
Treatment Options for Type 2 Diabetes in Adolescents and Youth(TODAY)	93.RD	08-D14	4,498
Behavioral/Support Intervention for Diet and Exercise Among Underserved Women	93.RD	1R01DH074666-01	270,212
Spatial Epidemiology of Diabetes in the SEARCH for Diabetes in Youth Study	93.RD	1R01DK077131-01	241,547
Glycation of Protein in Diabetes	93.RD	4R37DK01997-31	275,024
Glycation of Protein in Diabetes	93.RD	5R37DK01997130	20,178
Glycation of Protein in Diabetes	93.RD	5R37DK019971-30	9,269
Bridging Barriers to Diabetes Care With Telemedicine	93.RD	8-R1DK067312	193,802
Bridging Barriers to Diabetes Care with Telemedicine	93.RD	8-R1DK067312	216,162
Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY)	93.RD	G WASHINGTON UN	24,362
Diabetes Prevention Program Outcomes Study(DPP-OS)	93.RD	S-DPP0809-JT05	6,106
TrialNet Natural History Study of the Development of Type 1 Diabetes: Phase 1 Screening	93.RD	U01DK61055	34,247
TrialNet Natural History Study-Supplemental Funding	93.RD	UF07030	10,334
TrialNet Natural History	93.RD	UF7118	18,432
Insulin and CNS Control of Body Weight	93.RD	005263	29,292
Improving Safety and Access for Physical Activity	93.RD	1R01DK067615-01	466,253
Nitric Oxide as a Target for Dietary Intervention in Colitis	93.RD	MUSC/NIDDK/NIH	87,353
Look AHEAD	93.RD	WFUHS 14107	8,054
Healthy Outcomes of Healthy Weight Loss (LOOK AHEAD)	93.RD	WHUHS14108	67,354
Beta-Adrenergic Relaxation of Urinary Bladder Smooth Muscle	93.RD	1K01DK07090901A	99,679
The Role of Lis 1 in Axon Transport	93.RD	1F31NS056468-01	32,744
Hippocampal Insulin Signaling Deficits in Diabetic Rats	93.RD	1R01NS04772801	230,615
Dissociating Components of the Attentional Network in Neglect	93.RD	1R01NS054266-01	262,716
Examining the Role of the Lissencephaly Protein, Lis1, in Dynein-based Transport	93.RD	1R01NS056314-01	121,096
Astrocyte-Macrophage Interactions in HIV-1 Regulation	93.RD	5R00NS050064-04	264,183
Injury-Induced Pain: Chemical Modulation of Nociception	93.RD	8604-70600-X	43,657
Synaptic Organization of the Basolateral Amygdala	93.RD	8-R1NS038998	275,542
Mechanisms of Perceptual Extinction Following Stroke	93.RD	8-R1NS04204701	40,612
Structural Determinants of GABA-A Receptor Function	93.RD	8-R1NS045950-01	88,673
Disease Detection and Prevalence Estimation through Informative Group Testing	93.RD	24-0548-001-002	33,392
Role of CD44 in EC Injury and Melanoma Therapy	93.RD	5R01A1053703-05	135,570
Genetic & Epidemiologic Cohort Study on Asthma and Allergy	93.RD	61-0731SC	67,392
Cytotoxic Lymphocytes in Acute Lung Injury	93.RD	7R01A1058300-03	318,635
Spectroscopic and Mechanistic Studies of Heme Enzymes-NRSA Fellowship for Ryan Kinloch	93.RD	1F31GM076830-01	10,872
Phylogenetic Analysis with Complex Genome Rearrangement Events	93.RD	1R01GM078991-01	56,745
Phylogenetic Analysis with Complex Genome Rearrangement Events	93.RD	1R01GM078991-01	110,057
Haloacetamide Based Inactivators of Protein Arginine Deiminase 4	93.RD	1R01GM079357-01	240,073
RecQ Helicases and Genomic Instability	93.RD	1R01GM081472-01	28,263
Characterization of the Suf Fe-S Cluster Biosynthesis Pathway Under Stress	93.RD	1R01GM081706-01	266,325
Structure and Dynamics of Membrane Proteins from NMR Orientational Constraints	93.RD	1R01GM081793-01	97,724
South Carolina Initiative for Minority Development	93.RD	1R25GM076277-02	245,179
Reactivity of Transient Cyt P450 Oxygen Intermediates	93.RD	2R01GM026730-19	247,993
Structure/ Function of Terminal Complement Proteins	93.RD	2R01GM042898-18	184,396
Haloacetamide Based Inactivators of Protein Arginine Deiminase 4 - (Supplement for Tanesha Osborne)	93.RD	3R01GM079357-01	51,208
Racial Stress Coping Scale	93.RD	5F31GM070069-04	23,508
South Carolina Post-Baccalaureate Research Education	93.RD	5R25GM06652604	263,410
South Carolina Initiative for Minority Student Development	93.RD	5R25GM076277-03	31,508
South Carolina Post-Baccalaureate Research Education	93.RD	5R26GM06652603	73,628
Evolution of Immune Recognition and Evasion	93.RD	8-R01GM04394018	140,598
Structure/Function of Terminal Complement Proteins	93.RD	8-R1GM42898C	74,621
Development of Peromyscus Genomics	93.RD	8-R1GM69601	200,329
Recombination in Higher Eukaryotes	93.RD	8-R1GM47110A	35,443
Risk in Context: New Methodology for Modeling Risk by Context Interactions	93.RD	1R01HD054736-01	42,123
Cortical Plasticity Following Hemispherectomy: The Effects of Intervention	93.RD	1713GGC130	31,649
Physical Activity in Preschool Children - Supplement	93.RD	3R01HD043125-02	25,448

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Research Supplement to Promote Diversity in Health-Related Research (Minority Supplement)	93.RD	3R01HD04569303S	3,656
Tracking' Tracking and Achievement Growth in the Elementary Grades: Continuing A Nationwide Longitudinal Inquiry	93.RD	41618-00-03A	11,556
Physical Activity in Preschool Children	93.RD	5R01HD043125-02	110,659
Physical Activity in Preschool Children	93.RD	5R01HD043125-04	16,912
Self-Determination for Increasing Physical Activity	93.RD	5R01HD04569302	526,126
Perinatal Research Society Annual Meeting	93.RD	7R13HD03624408	12,200
Role of Specific Proteins in Spermatogenesis	93.RD	8-R1HD010793	196,694
The Development of Sustained Attention in Infants	93.RD	8-R1HD018942-21	321,753
Maternal HIV: Developmental Neurotoxicity	93.RD	8-R1HD043680A	185,537
Media-Based Programming to Enhance Parenting	93.RD	8-R1HD426210	358,694
African Americans and HIV: Knowing Partner Risk	93.RD	T32152324	20,749
Examining Parameters of Constraint-Induced Therapy	93.RD	UF06038A	44,811
Factors Influencing Physical Activity in Older African American Men	93.RD	1R21AG028674-01	178,556
Processing Discourse Reference in Mind and Brain	93.RD	1R21AG030445-01	45,709
LIFE Pilot Study (SubContract with the University of Florida)	93.RD	UF07035	78,532
Xanthophyll-Mediated Retinal Drug Delivery	93.RD	7R03EY014842-03	40,398
Comparative Bioinformatics and Tp53 Expression	93.RD	1R01LM00862601A	6,327
Comparative Biomfomatics and Tp53 Expression	93.RD	1R01LM00862601A	234,848
Enhancing Linkages to HIV Primary Care and Services in Jail Settings Demonstration Models	93.RD	1H97HA085420100	242,621
PS07-003 Minority HIV/AIDS Research Initiative (MARI) - Empowering Latinas to Lash Out Against AIDS/STIs (ELLAS)	93.RD	1U01PS000697-01	127,994
SEARCH for Diabetes in Youth 2: South Carolina Center	93.RD	5U01DP000254-02	193,946
SEARCH for Diabetes in Youth 2: South Carolina Center	93.RD	5U01DP000254-03	233,900
SEARCH for Diabetes in Youth 2: South Carolina Center	93.RD	U OF NC/USCRF	136,859
iGTO: A Web-based it Solution for Outcome-based Prevention Phase II	93.RD	105767	163,008
Epidemiology of Asthma: Risk & Prognosis in a Cohort from Birth to Adolescence	93.RD	1R01HL082925-01	14,184
Longitudinal Follow-up of Youth with ADHD Identified in Community Settings	93.RD	200-2006-18949	261,574
Genotyping Assays for Buffalo Police Cohort Study	93.RD	212-2008-M24052	7,511
Functional Neuroanatomy of the Basolateral Amygdala	93.RD	5-23415-G1	19,797
Cannabina and Schizophrenia: Effects of Clozapine(subcontract to NIH award through Dartmouth University)	93.RD	5-30007.5750	2,661
Physical Activity and Childhood Obesity	93.RD	5R01HL071248-04	16,944
Subcontract for Domain Specific Tasks of Executive Function	93.RD	8031SC	40,337
Sub-contract with Macro International for National Physical Activity and Nutrition Survey of High School Students	93.RD	MACRO INTERNATI	201,167
How Smokers from Different Countries Interpret Tobacco Survey Questions: Ensuring Valid Cross-national Comparison of Tobacco Policy Impacts	93.RD	P50CA111236	40,602
A Multicenter, Open-label, Controlled Phase II Study to Evaluate Safety and Immunogenicity of MVA-BN(IMVAMUNE) Smallpox Vaccine in 18 - 55 Year Old Naïve and Previously Vaccinated HIV Infected Subjects with CD4 Counts>200 - 500	93.RD	POX-MVA-011	23,836
Evaluation for the Special Project of National Significance, HIV and Oral Health	93.RD	SANDHILLS MED	54,721
Nutrition and Metabolic Status in Youth with Type 1 DM: SEARCH Ancillary Study	93.RD	UNC/NIH/USCRF	8,860
Institute for HIV Prevention Leadership	93.RD	S3597-24/25	352,965
Institute for HIV Prevention Leadership - Carryover from year 1 account 11500-FA02	93.RD	S3597-24/25	159,376
Institute for HIV Prevention Leadership	93.RD	S3597-24/26	<u>1,802,316</u>
Total US Department of Health and Human Services			<u>37,066,340</u>
Social Security Administration			
Passed through programs from:			
South Carolina Department of Health and Human Services			
SCDHHS PERM FY2007 Contract	96.RD	A81553A	<u>483,133</u>
Total Social Security Administration			<u>483,133</u>
Homeland Security			
Passed through programs from:			
Office of the Adjutant General			
GIS Support for IRIS	97.RD	PO#514	3,482
South Carolina Hazards Assessment and Geo-Information Support (SCHAGIS)	97.RD	PO#941	31,156
South Carolina Emergency Management Division			
Emergency Notification System - Phase 2. This system has 3 omni-directional sirens which will be placed on campus.	97.RD	FEM-1547-DR-SC	60,021
Emergency Notification System - Phase 1. This system has two omni-directional sirens and one master controller.	97.RD	FEMA-1543-DR-SC	40,862
Emergency Notification System - Phase 3. These 20 tone alert receivers and voice chips integrate with the Sirens and master controller listed in Phase 1 & 2. These units integrate with the sirens to notify people in the high population density areas.	97.RD	FEMA-1566-DR-SC	15,157
South Carolina Hazards Assessment and Geo-Information Support (SCHAGIS)	97.RD	PO#508	30,075
South Carolina Law Enforcement Division			
South Carolina Citizen Awareness and Preparedness Project	97.RD	SLED/DHS	154,498

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Homeland Security, continued			
University of South Carolina Research Foundation			
Center of Excellence and Social Research on Terrorism and Counter-Terrorism (subcontract to the University of Maryland)	97.RD	Z988505	208,394
Investigations on Levee Breach Closure Procedures	97.RD	08-01-065	1,636
Total Homeland Security			545,281
US Agency for International Development			
Passed through programs from:			
University of South Carolina Research Foundation			
Capacity Building for Research, Education, and Training in Water Resources Management in Pakistan	AID.RD	PGA-7251-05-005	19,630
Total US Agency for International Development			19,630
Total Research and Development Cluster			78,942,987
Student Financial Aid Cluster			
US Department of Education			
SEOG 2006-2007 2 Yr Campus	84.007	P007A063812	18,407
SEOG 2006-2007 Columbia	84.007	P007A063813	67,986
SEOG 2006-2007 Aiken	84.007	P007A067399	(219)
SEOG 2006-2007 Spartanburg	84.007	P007A067400	678
SEOG 2006 - 2007 Beaufort	84.007	P007A068840	1,588
SEOG 2007-2008 2 Yr Campus	84.007	P007A073812	82,007
SEOG Clearing Account	84.007	P007A073813	4,103
SEOG 2007-2008 Columbia	84.007	P007A073813	723,406
SEOG 2007-2008 Aiken	84.007	P007A077399	133,780
SEOG 2007-2008 Upstate	84.007	P007A077400	207,389
SEOG 2007 - 2008 Beaufort	84.007	P007A078840	50,055
Federal Family Education Loan Program	84.032	NONE	174,811,093
FWS 2006-2007 Master-2Yr Campus	84.033	P033A063812	14,590
FWS 2006-2007 - Sumter	84.033	P033A063812	4,162
FWS 2006-2007 - Lancaster	84.033	P033A063812	364
FWS 2006-2007 - Salkehatchie	84.033	P033A063812	3,421
FWS 2006-2007 - Union	84.033	P033A063812	5,495
College Work-Study 2006-2007 Columbia	84.033	P033A063813	218,452
College Workstudy Prog Instruction 06-07	84.033	P033A063813	69,054
College Workstudy 2006-2007 Aiken	84.033	P033A067399	3,219
College Work-Study 2006-2007 Spartanburg	84.033	P033A067400	10,205
FWS 2006-2007 - Beaufort	84.033	P033A068840	19,250
FWS 2007-2008 Master-2Yr Campus	84.033	P033A073812	(4,884)
FWS 2007-2008 - Sumter	84.033	P033A073812	43,112
FWS 2007-2008 - Lancaster	84.033	P033A073812	14,949
FWS 2007-2008 - Salkehatchie	84.033	P033A073812	101,643
FWS 2007-2008 - Union	84.033	P033A073812	27,986
College Work Study-Clearing Account Federal	84.033	P033A073813	1,548
FWS Community Service-Clearing Account	84.033	P033A073813	2,817
College Workstudy Prog Instruction 07-08	84.033	P033A073813	366,383
College Workstudy Prog Research 07-08	84.033	P033A073813	147,060
College Workstudy Prog/Public Svs 07-08	84.033	P033A073813	82,554
College Workstudy/Academic Sup Lib 07-08	84.033	P033A073813	18,939
College Workstudy/Academic Sup Oth 07-08	84.033	P033A073813	58,483
College Workstudy/Student Services 07-08	84.033	P033A073813	46,115
College Workstudy/Inst Support 07-08	84.033	P033A073813	65,166
College Workstudy/O&M 07-08	84.033	P033A073813	75,164
College Workstudy/Auxiliary 07-08	84.033	P033A073813	99,216
College Workstudy/Scholarships 07-08	84.033	P033A073813	360
College Work Study-Clearing Account Federal	84.033	P033A077399	318
College Workstudy 2007-2008 Aiken	84.033	P033A077399	134,445
College Work-Study 2007-2008 USC Upstate	84.033	P033A077400	225,846
FWS 2007-2008 - Beaufort	84.033	P033A078840	42,626
Pell Grant 2006-2007 Columbia	84.033	P063P062200	33,388
Federal Perkins Loan Program 2007-2008 2 Yr Campuses	84.038	P038A073812	281,923
Federal Perkins Loan Program 2007-2008 Columbia	84.038	P038A073813	3,103,563
Federal Perkins Loan Program 2007-2008 Aiken	84.038	P038A077399	229,937
Federal Perkins Loan Program 2007-2008 Spartanburg	84.038	P038A077400	295,739
College Work-Study 2007-2008 Columbia	84.063	P033A073813	(58,366)
FWS Job Location and Development 2007-2008	84.063	P033A073813	49,882

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US Department of Education, continued			
Pell Grant 2005-2006 Columbia	84.063	P063P052200	1,313
Pell Grant 2006-2007 Aiken	84.063	P063P062201	5,491
Pell Grant 2006-2007 Upstate	84.063	P063P062877	19,041
Pell Grant Program 2006-2007/Sumter	84.063	P063P063261	1,596
Pell Grant 2006-2007 Beaufort	84.063	P063P065738	3,491
Pell Grant 2007-2008 Columbia	84.063	P063P072200	11,430,379
Pell Grant 2007-2008 Aiken	84.063	P063P072201	2,962,979
Pell Grant 2007-2008 USC Upstate	84.063	P063P072877	5,190,328
Pell Grant Program 2007-2008 / Sumter	84.063	P063P073261	1,247,302
Pell Grant Program 2007-2008 / Lancaster	84.063	P063P073261	1,357,505
Pell Grant Program 2007-2008/Salkehatchie	84.063	P063P073261	1,391,608
Pell Grant Program 2007-2008 / Union	84.063	P063P073261	538,306
Pell 2007 - 2008 Beaufort	84.063	P063P075738	980,912
Pell Grant Admin Allow FY 2006-2007	84.063	P063Q062200	20,920
Pell Grant Admin Allow FY 2006-2007	84.063	P063Q062201	5,185
Pell Grant Admin Allow FY 2006-2007	84.063	P063Q062877	8,815
Pell Grant Admin Allow FY 2007-2008	84.063	P063Q072200	21,250
Pell Grant Admin Allow FY 2007-2008	84.063	P063Q072201	5,115
Pell Grant Admin Allow FY 2007-2008	84.063	P063Q072877	9,215
Pell Grant Admin Allow FY 2007-2008	84.063	P063Q073261	7,940
Pell Grant Admin Allow 2007-2008 Beaufort	84.063	P063Q075738	1,685
Pell Grant Admin Allow FY 2006-2007	84.063	P063Q063261	7,085
Pell Grant Admin Allow FY 2006-2007	84.063	P063Q065738	1,555
Academic Competiveness Grant (ACG)	84.375	P375A062200	1,889
Academic Competiveness Grant (ACG)	84.375	P375A072200	800,981
Academic Competiveness Grant (ACG)	84.375	P375A072201	217,870
Academic Competiveness Grant (ACG)	84.375	P375A072877	274,031
Academic Competiveness Grant (ACG)	84.375	P375A073261	39,190
Academic Competiveness Grant (ACG)	84.375	P375A073261	3,350
Academic Competiveness Grant (ACG)	84.375	P375A073261	8,775
Academic Competiveness Grant (ACG)	84.375	P375A075738	31,951
Smart Grant 2006-2007	84.376	P376S062200	4,000
Smart Grant 2007-2008	84.376	P376S072200	445,639
Smart Grant 2007-2008 Aiken	84.376	P376S072201	30,000
Smart Grant 2007-2008 USC Upstate	84.376	P376S072877	123,747
Total US Department of Education			<u>209,134,836</u>
US Department of Health and Human Services			
Health Professions Student Loan - Columbia Primary Care	93.342	NONE	7
Health Professions Student Loan - Columbia Medicine	93.342	NONE	168,517
Health Professions Student Loan - Columbia Pharmacy	93.342	NONE	179,141
Nursing Student Loan - Spartanburg Baccalaureate	93.364	NONE	0
Nursing Student Loan - Spartanburg Setaside Associate	93.364	NONE	0
Nursing Student Loan - Aiken Associate	93.364	NONE	492
Nursing Student Loan - Spartanburg Associate	93.364	NONE	2,757
Nursing Student Loan - Columbia Associate	93.364	NONE	654
Nursing Student Loan - Columbia Graduate	93.364	NONE	10
Nursing Student Loan - Columbia Baccalaureate	93.364	NONE	243,947
SCHL for Disadvantaged Students - Medicine	93.925	3-T08HP04838-C0	37,125
Total US Department of Health and Human Services			<u>632,650</u>
Total Student Financial Aid Cluster			<u>209,767,486</u>
TRIO CLUSTER			
US Department of Education			
Passed through programs from:			
University of South Carolina Research Foundation			
Student Support Services	84.042	P042A050234-07	9,158
Student Support Services Program	84.042	P042A050236-06	294,757
Student Support Services - Grant -in-Aid	84.042	P042A050236-06	39,701
Student Support Services	84.042	P042A051079-06	221,969
Student Support Services Program - Grant-in-Aid	84.042	P042A051079-06	33,758
Opportunity Scholars Program	84.042	P042A051198	206,595
Opportunity Scholars Program - Grant-in-Aid	84.042	P042A051198	27,095
Student Support Services	84.042	P042A50234-07	238,535
Student Support Services	84.042	P042A050230-06	254,476
Student Support Services	84.042	P042A050379-06	214,721
Student Support Services Program-Grant-in-Aid	84.042	P042A050579-06	28,035
Student Support Services	84.042	P042A050579-06	250,690

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US Department of Education, continued			
Talent Search Program	84.044	P044A030276-06	20,829
Talent Search Program	84.044	P044A070860	278,858
Upward Bound	84.047	P047A030034	22,222
Upward Bound Program	84.047	P047A031067-06	52,890
Upward Bound	84.047	P047A080342	204,976
Upward Bound	84.047	P047A080399	132,013
Upward Bound	84.047	P047A080811	66,338
Upward Bound	84.047	P047A03117205	40,702
Educational Opportunity Centers	84.066	P066A060087	441,031
Ronald E. McNair Post-Baccalaureate Achievement Program	84.217	P217A030271-06	26,672
Ronald E. McNair Postbaccalaureate Achievement Program	84.217	P217A070152	<u>225,351</u>
Total US Department of Education			<u>3,331,372</u>
Total TRIO Cluster			<u>3,331,372</u>
Student Life Cluster			
US Department of Education			
Strom Thurmond Fitness and Wellness Center	84.116	P116Z050364	418
Passed through programs from:			
University of South Carolina Research Foundation			
US-Brazil Higher Education Consortia Program	84.116	2975040395USC	<u>9,000</u>
Total US Department of Education			<u>9,418</u>
Total Student Life Cluster			<u>9,418</u>
Medicaid Cluster			
US Department of Health and Human Services			
Passed through programs from:			
South Carolina Department of Health and Human Services			
SCDHHS Medicaid Eligibility Quality Improvement 2006-2007 Contract	93.778	A71425A	4,160
Medicaid Infrastructure Grant	93.778	A71433A	55,964
A Study of DDSN Licensing Functions	93.778	A71542A	4,435
Training and Certification for Attendant Care Services	93.778	A79675A	4,541
Training and Certification for Attendant Care Services	93.778	A90675	653,560
Developmental Evaluation Center Services	93.778	C72867M	455,323
Outpatient Pediatric AIDS Clinic Services 07-08	93.778	C8 2746M	183,918
Developmental Evaluation Center Services 07-08	93.778	C82867M	<u>1,326,451</u>
Total US Department of Health and Human Services			<u>2,688,352</u>
Total Medicaid Cluster			<u>2,688,352</u>
Other Programs			
US Department of Agriculture			
Passed through programs from:			
South Carolina Department of Social Services			
Family Day Care Homes Sponsorship 2006-07	10.001	DH64239	26,477
USDA Food Service Program	10.558	CC56361	15,459
Family Daycare Homes Sponsorship 2007-08	10.558	DH64239	81,189
University of South Carolina Research Foundation			
Strategic Tourism Plan for the Salkehatchie Region	10.998	WCEC/USDA/USCR	26,478
Strategic Tourism Plan for the Salkehatchie Region	10.998	WCEC/USDA/USCR	14,519
Salkehatchie Arts Partnership	10.999	WCEC	29,686
Salkehatchie Arts Year III and Renovation of Civic Center	10.999	WCEC/USDA/USCR	162,710
Hotel Feasibility Study in Allendale County	10.999	WEHEC/USDA	<u>2,751</u>
Total US Department of Agriculture			<u>359,269</u>
US Department of Commerce			
CORE Support of the 2008 SC-GA Regional National Ocean Sciences Bowl Competition	11.999	CORENOAA	9,729
Passed through programs from:			
South Carolina Department of Health and Environmental Control			
South Carolina DHEC (OCRM) - Spring 2008 State Survey Questions	11.419	PO#723548	<u>6,769</u>
Total US Department of Commerce			<u>16,498</u>

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US Department of Defense			
Procurement Technical Assistance Program for Business Firms	12.002	SP4800-04-20370	13,558
Procurement Technical Assistance Program for Business Firms	12.002	SP4800-04-20370	95,241
Procurement Technical Assistance Program for Business Firms (State Director's Office)	12.002	SP4800-04-20370	2,689
NROTC Educational Instruction Calculus and Physics	12.999	N00140-06-G0053	1,393
NROTC Educational Instruction Calculus and Physics	12.999	N00140-06-H0053	159
Passed through programs from:			
University of South Carolina Research Foundation			
Junior Science and Humanities Symposium 2008	12.998	W911NF-04-10001	7,880
Environmental Management System Sustainability and Resource Conservation at the Naval Hospital Beaufort and its Clinics	12.999	W912DY-07-20043	105,371
Expanding Assessment and Implementation of Executive Order 13423: Strengthening Federal Environmental, Energy, and Transportation Management	12.999	W912DY-07-20043	<u>98</u>
Total US Department of Defense			<u>226,389</u>
US Department of Housing and Urban Development			
Passed through programs from:			
City of Columbia			
HOPWA Case Management for HIV/AIDS Clients	14.241	CITY OF COL/HUD	319,003
Housing First Program for Homeless Persons with Disabilities	14.999	CITY OF COL/HUD	78,394
Columbia Housing Authority			
Proposal to Evaluate the Hendley Homes Hope VI Revitalization Project	14.999	CITY OF COL HOU	2,976
South Carolina Department of Health and Environmental Control			
DHEC HOPWA Education Employment Services	14.241	PO#628934	41,652
DHEC HOPWA Career Services Program	14.241	SC DHEC/HUD	10,977
University of South Carolina Research Foundation			
HOPWA/HUD Case Management Services for Homeless Persons with HIV/AIDS and Disabilities	14.241	HEALING PROPERT	75,568
USC Upstate Community Outreach Partnership Center	14.511	COPC-SC-05-654	<u>106,031</u>
Total US Department of Housing and Urban Development			<u>634,601</u>
US Department of Interior			
Passed through programs from:			
University of South Carolina Research Foundation			
Cooperative Mid-America Integrated Seismic Network-USC	15.807	07HQAG0155	<u>37,369</u>
Total US Department of Interior			<u>37,369</u>
US Department of Justice			
Passed through programs from:			
South Carolina Department of Juvenile Justice			
Juvenile Detention	16.523	SC DJJ/DOJ	15,878
Community Juvenile Detention Project	16.999	SCDJJ/SCDPS	6,558
South Carolina Department of Public Safety			
Juvenile Detention Initiative	16.523	IJS04014	34,039
Juvenile Detention Initiative	16.523	IJS06004	117,837
Disproportionate Minority Contact:: Information/Resource Project	16.540	IJO6001	45,143
DMC Project (IJO6005)	16.540	IJO6005	55,669
DMC Project (IJO7001)	16.540	IJO7001	24,135
Effective Assistance of Counsel	16.999	IJS07002	1,796
University of South Carolina Research Foundation			
Grant to Reduce Violent Crimes Against Women on Campus	16.525	99-WA-VX-0011	1,271
Amber Alert Training at Newsplex Third Year (2008)	16.999	1071324	23,471
Strategic Media Training	16.999	FBI	3,406
AMBER Alert Training at Newsplex (2006-2007): Tier 1	16.999	FOX VALLEY TECH	33,854
Wake Forest University Health Sciences			
Evaluation of the Combating Underage Drinking Program	16.540	WFHUH 12077	<u>107,534</u>
Total US Department of Justice			<u>470,591</u>
US Department of Labor			
Passed through programs from:			
South Carolina Department of Labor - Spartanburg			
ACHIEVE Program 2006 - 2007	17.259	6Y603C3-UWIB	42,151
ACHIEVE Program 2007 - 2008	17.259	7Y603C4-UWIB	274,322
Upstate Workforce Investment Board			
Career Start Program	17.259	7Y603UU1-UWIB	<u>59,153</u>
Total US Department of Labor			<u>375,626</u>

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US Department of State			
Passed through programs from:			
University of South Carolina Research Foundation			
Study of the United States Institute on US Foreign Policy	19.418	SECAAE-07-CA049	<u>159,123</u>
Total US Department of State			<u>159,123</u>
US Department of Transportation			
Passed through programs from:			
South Carolina Department of Public Safety			
Buckle Up South Carolina Observation Survey and Attitudinal Survey	20.999	PO#08 280402	22,466
Buckle Up South Carolina Observation Survey and Attitudinal Survey	20.999	PO#08 280402	10,682
SCDOT & SCIAA Geographic Information System Project	20.999	731	<u>1,092</u>
Total US Department of Transportation			<u>34,240</u>
US Department of the Treasury			
Passed through programs from:			
University of South Carolina Research Foundation			
Internal Revenue Service - Photography and Design Class	21.999	IRS	<u>471</u>
Total US Department of the Treasury			<u>471</u>
National Foundation of Arts and the Humanities			
Passed through programs from:			
South Carolina Arts Commission			
Deuce Coupe Choreography by Twyla Tharp	45.999	SC ARTS COMM	14,755
South Carolina Humanities Council			
Garibaldi Abroad	45.999	7-1200-1	3,340
"Barbecue Joints and the Good Folks Who Own Them"	45.999	8-1220-1	3,000
The Archaeology of Southeastern Colonial Frontiers	45.999	8-1238-2	1,417
University of South Carolina Research Foundation			
Preserving Fox Movietone Moving Images, 1927-1929	45.149	PA5017703	5,396
Disaster Preparedness and Planning: USC School of Medicine Library	45.149	PG-50044-07	650
Secession: An International Phenomenon	45.161	RZ-50691-07	18,743
Understanding the Past through Public History: African American History in South Carolina as a Case Study	45.163	EH-50105-06	61,157
Natural Science: Collections Enhancement and Exhibition	45.301	MA-01-04-019404	38,691
Palmetto and Pine Recruiting and Education Initiative	45.313	R0103004703	97,570
Creating the Next Generation of Teacher Scholars for Library and Information Science Education the Area of Children, Families, and Literacy	45.313	RE02-06-0069-06	261,531
Diversion of Angels Chorography by Martha Graham	45.999	DANCE USA/NEA	<u>10,000</u>
Total National Foundation of Arts and the Humanities			<u>516,250</u>
National Science Foundation			
S-STEM: Fueling the Workforce with Science Teacher Scholarships	47.076	DUE-0728665	291
Proposal for Intergovernmental Personnel Act Position at National Science Foundation (IPA)	47.999	MCB-0650837	146,073
Passed through programs from:			
South Carolina Sea Grant Consortium			
Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010	47.050	SC SEA GRT/C203	3,993
Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010	47.050	SC SEA GRT/C303	28,739
University of South Carolina Research Foundation			
NUE: Nanoscience and Technology Advocacy Studies Cognate	47.041	EEC-0634128	97,697
Subcontract to the NSF Solid State Summer Program at Clemson University	47.049	688755720620935	8,573
Graduate Teaching Fellows Enhancing STEM Education in South Carolina Schools	47.076	DGE-0440568	305,456
SC STEP's to STEM	47.076	DUE-0653164	80,325
SC STEP's to STEM	47.076	DUE-0653164	<u>41,634</u>
Total National Science Foundation			<u>712,781</u>
Small Business Administration			
SBDC 2007 - State Director's Office	59.037	7-603001Z004327	71,035
SBDC 2007 - USC	59.037	7-603001Z004327	68,557
SBDC 2008 - State Director's Office	59.037	8-603001Z004328	128,827
SBDC 2008 - USC	59.037	8-603001Z004328	<u>266,428</u>
Total Small Business Administration			<u>534,847</u>

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US Department of Veterans Affairs			
GA: Anchal Malik	64.999	11550FP05	2,611
GA: Chimira Edwards	64.999	11550FP07	2,727
GA: Kerri Durand	64.999	11550FP08	7,399
GA: Kerri Durand	64.999	11550FP09	584
"Modeling the Way" Associate Director and Nurse Executive Leadership Program for the Southeast Region of the Veterans Administrative Hospital	64.999	509-06-37570402	36,226
Clinical Nurse Leader Evaluation of National Project	64.999	544-C75143	3,000
"Leading from the Middle" Leadership Certificate Program for the Southeast Region of the Veterans Administrative Hospital"	64.999	V247P-2643	9,090
"Leading from the Middle" Leadership Certificate Program for the Southeast Region of the Veterans Administrative Hospital Contract Year 2 (2007-2008)	64.999	V247P-2643	79,324
"Advanced Leadership Development Program" for the Southeast Region of the Veterans Administrative Hospital, Contract Year 2 (2007-2008)	64.999	V247P-2644	49,196
"Post Certificate, Defining and Refining the Cs of Leadership" Development for the Southeast Region of the Veterans Administration Hospital	64.999	V247P-2644	<u>1,213</u>
Total US Department of Veterans Affairs			<u>191,370</u>
Environmental Protection Agency			
Passed through programs from:			
Clemson University			
Tyger River Total Maximum Daily Load (TMDL) Implementation Project	66.460	SC1047755822320	16,927
University of South Carolina Research Foundation			
EPA EE Watershed Education Program	66.951	96455606	12,876
OECD Interlaboratory Validation of a Harpacticoid Copepod Development and Reproduction Test using Amphiascus Tenuiremis using Amphiascus Tenuiremis	66.999	EP-W-08-035	<u>33,017</u>
Total Environmental Protection Agency			<u>62,820</u>
US Department of Energy			
Operate & Maintain the Public Reading Room	81.039	DEFC0990SR18117	48,964
Passed through programs from:			
South Carolina Universities Research and Education Foundation			
USC Liaison with Savannah River National Laboratory-Consulting Services-Development, Preparation and Submittal of Engineering and Science Proposals	81.999	WEST114	51,661
University of South Carolina Research Foundation			
DOE/Industrial Matching Grant Program	81.114	DEFG0703ID14519	<u>4,467</u>
Total US Department of Energy			<u>105,092</u>
US Department of Education			
South Carolina Assistive Technology Program	84.224	H224A060040	50,221
South Carolina Assistive Technology Program	84.224	H224A070040	450,321
South Carolina Assistive Technology Program	84.224	H224A080040	74,708
Preparation of Leadership Personnel	84.325	H325D010063	81,989
Preparing Future Teachers of Student with Emotional and Behavioral Disorders to Conduct Functional Behavioral Assessments and to	84.325	H325H030101	34,495
Passed through programs from:			
National Writing Project Corporation			
National Writing Project	84.999	92-SC05	45,298
National Writing Project	84.999	92-SC06	28,769
National Writing Project	84.999	92-SC07	32,023
Office of Research & Development Lancaster School District			
GEAR UP	84.999	LANCASTER SCHO	52,984
Richland School District One			
The Vertical Immersion Project (VIP)	84.215	01178263-03	32,310
Proposal for Evaluation of the Richland School District 1 Teaching American History Vertical Immersion Project (2007-2010)	84.999	PO# 01178263-00	3,662
Richland School District Two			
Project Evaluation: Implementation of a Rigorous Evaluation to Assess the Effectiveness of ImPACT	84.999	PO#702451	37,811
Project Evaluation: Implementation of a Rigorous Evaluation to Assess the Effectiveness of ImPACT	84.999	PO#702451	34,495
South Carolina Commission on Higher Education			
Science and Math Professional Development Program	84.281	SCCHE	34,983
High School Teacher Inquiry and Technology Professional Development Program	84.367	SC CHE	5,859
On-TRACK: Teaching Reading and Content Knowledge	84.367	SC CHE	107,785
Inquiry and Technology Professional Development Year 2	84.367	SC CHE	108,097
Creating an Early Childhood Nature-Based Inquiry Model	84.367	SC CHE	35,636
Improving Teacher Quality Higher Education Grant Program Year 3	84.367	SC CHE	4,234
Middle School/Higher Education Partnerships in Science Education - Year 4	84.367	SC CHE	47,618
Developing High Quality Middle School Mathematics Teacher, Year 4	84.367	SC CHE	71,865

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
JUNE 30, 2008

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
US Department of Education, continued			
South Carolina Department of Education			
Personnel Development Collaboration: Project CREATE	84.027	07CO308-02	304
Project CREATE 2006-07	84.027	07CO308-03	5,035
Personnel Development Collaboration: Training and Recruiting Special Education Teachers to Coach Student Teachers	84.027	07CO308-06	10,000
Technical Assistance Project for South Carolina Personnel			
Who Work with Preschool Children with Developmental Delays	84.027	07CO308-07	23,162
Project Speech-Language Pathologists - Recruitment and Retention in Schools (SLP-RRS)	84.027	07CO308-08	2,376
Project Speech-Language Pathologists - Recruitment and Retention in Schools (SLP-RRS)Cohort B	84.027	07CO308-10	2,083
Statewide Transition Project - Center for Disabilities Resources	84.027	08CO308-01	106,774
Project CREATE: Centers for the Re-Education and Advancement of Teachers in Special Education of South Carolina Years 4-6	84.027	08CO308-02	40,764
Project CREATE 2007-2008	84.027	08CO30803	69,355
Assistive Technology Expo	84.027	08CO308-04	4,000
Traumatic Brain Injury	84.027	08CO308-05	5,000
Technical Assistance Project for South Carolina			
Personnel Who Work with Preschool Children with Developmental Delays	84.027	08CO308-07	104,301
Project Speech-Language Pathologist - Recruitment and Retention in Schools Cohort A	84.027	08CO308-08	153,788
Project Speech-Language Pathologist-Recruitment and Retention in Schools - Cohort B	84.027	08CO308-10	76,322
Project Speech-Language Pathologist-Recruitment and Retention in Schools - Cohort C (Third Cohort)	84.027	08CO308-11	20,840
South Carolina Department of Education Character Education Conference	84.215	07FL308-01	13,707
Coordinating A Special Event: TQR 2007	84.305	07TR308-01	3,286
South Carolina Reading First 2006-2007	84.357	07RC308-01	640
South Carolina Reading First 2007-2008	84.357	08RC308	105,731
Colleton Professional Development Program	84.366	07IS308-03	9,138
Mathematics Science Partnership Initiative	84.366	07MS308-03	4,494
Colleton Professional Development Phase 2 (Mathematics and Science Partnership)	84.366	07MS308-04	27,729
Mathematics and Science Partnership	84.366	07MS308-2	11,555
Mathematics and Science Partnership 08MS308-01	84.366	08MS308-01	7,415
Mathematics Science Partnership Initiative	84.366	08MS308-02	5,782
ICoach-Teacher Teams Professional Development Program for Middle Schools	84.366	08MS308-03	106,102
Project CREATE: Distance MAT Program	84.367	08TQ308-01	38,696
Evaluation of the TRIAAD Project	84.373	08CJ308-01	4,411
South Carolina Reading First (SCRF) Data Warehouse	84.999	SC DEPT EDU	44,508
Proposal for Evaluation of the OAASIS Project	84.999	SC DEPT EDU	3,026
South Carolina Department of Health and Environmental Control			
Training in Early Childhood Solutions	84.181	PO#651755	136,805
South Carolina Department of Health and Human Services			
Training in Early Childhood Solutions	84.181	PO#699050	380,078
South Carolina School for the Deaf and the Blind			
South Carolina Interagency Deaf-Blind Project	84.027	SC SCH DEAF & B	14,097
South Carolina Interagency Deaf-Blind Project	84.027	SC SCH DEAF-BLI	20,134

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
JUNE 30, 2008

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
US Department of Education, continued			
University of South Carolina Research Foundation			
Long Term Training: Vocational Rehabilitation	84.129	HI129B050037	98,428
Long Term Training Grant in Job Development and Placement	84.129	HI129R050005	69,496
Recruiting Talented Minority Students into Physics and Astronomy	84.200	P200A030028	205,491
Recruiting Talented Minority Students and Women into Geological Sciences	84.200	P200A040161	59,852
Preparation of Early childhood Special Education (ECSE) Personnel in South Carolina	84.325	H325K060123	131,879
Preparing Personnel to Fill Speech Pathology Vacancies in South Carolina: A Partnership with School Districts	84.325	H325K060410	313,768
Child Care Access Means Parents in School (CCAMPIS) Program Grant	84.335	P335A050104-06	6,868
Child Care Access Means Parents in School (CCAMPIS) Program Grant	84.335	P335A050104-07	35,372
Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2- and 4-Year Colleges	84.336	P336B040014-06	910,013
Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2-and 4- Year Colleges-Subaccount	84.336	P336B040014-06	94,778
Community Technology Centers Program	84.341	V341A050434	8,115
Spartanburg Scholars Academy	84.361	U361A070037	278,312
National Writing Project Potential Site Funding Application	84.999	07-SC12	30,000
Total US Department of Education			5,178,973
US Department of Health and Human Services			
Traineeships for Nurse Anesthetists	93.124	3-A22HP00015-G0	28,603
Columbia Nursing Faculty Loan Program	93.264	3-NFLP700066	37,968
Creating Child Welfare Professionals	93.648	G-90CT009804	31,819
Public Health Traineeship	93.964	3-A03HP01181-A0	43,220
Palmetto State Geriatric Education Center	93.969	3-D31HP08807-A0	12,773
Palmetto State Geriatric Education Center	93.969	3-D31HP08807-A0	189,771
Renovation of Second Floor of Health Sciences Building	93.998	8-C6RR15528A	59,587
Passed through programs from:			
CFO Greenville Hospital System			
Medical Education/Medicaid Enhanced Teaching	93.998	GREENVILLE HOSP	381,726
Clemson University(Institute for Nutraceutical Research)			
Evaluation of B-Glucan's Effects on Selected Immune Parameters	93.999	SCDOT	6,847
Lieutenant Governor's Office			
Performance of Evaluation Research Activities for the Advanced Performance Outcome Measures Project	93.999	A41281A	17,980
National Network of Libraries of Medicine			
Partnering to Improve Patient Education (PIPE Project)	93.998	NO1 LM 6 3502	974
North Carolina Institute for Public Health			
Southeast Public Health Training Center (SPHTC)	93.964	SPHTC	16,172
Office of the Governor			
National Down Syndrome Society Conference Sponsorship	93.630	612-21-0057	290
South Carolina Court Administration			
Court Improvement Training Grant	93.586	2006-G991513	121,684
Court Improvement Training Grant	93.586	2007G991513	31,402
South Carolina Department of Health and Environmental Control			
Palmetto Poison Center/DHEC Bioterrorism Cooperative Agreement	93.003	PO#519743	62,419
DHEC Bureau of Laboratory Sentinel Laboratory Summit	93.069	LB-8-944	3,789
Supervision in the Development, Implementation and Maintenance of a PHIN Compliant NBS-CHESS System	93.069	PO#722956	13,673
Interactive Web-Based Learning Modules	93.110	PO#635745	11,338
TB and African Americans in the Pee Dee Region Outreach	93.116	PO#679690	23,979
SC Family, Adolescent, and Child HIV Services	93.153	HV-7-398	16,051
Ryan White Title IV: Coordinated HIV Services and Access to			
Research for Women, Infants, Children, Youth, and Their Families (CSWICY)	93.153	HV-7-525	5,775
SC DHEC Division of STD/HIV 07-08	93.153	HV-8-551	113,772
Ryan White Part D (formerly Title IV): Coordinated HIV Services and			
Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY)	93.153	HV-8-552	109,429
SC DHEC Bioterrorism Project	93.283	DC08071/727054	21,960
SCDHEC-COP Bioterrorism Project	93.283	DC08072/727825	13,122
Support for Environmental Epidemiology Faculty	93.283	PO#507586	49,288
Evaluation of SC DHEC Division of Oral Health	93.283	PO#702153	34,838
Improving Disaster Behavioral Health Response following a Public Health Emergency or Disaster	93.889	PO#667879	4,959
Ryan White HIV/AIDS Treatment Modernization Act - Part B (formerly Ryan White CARE Act - Title II)	93.917	PO#518789	2,175,023
Ryan White HIV/AIDS Treatment Modernization Act - Part B (formerly Ryan White CARE Act - Title II)	93.917	PO#518789	316,682
Ryan White HIV/AIDS Treatment Modernization Act (SC ADAP Insurance)	93.917	PO#518789	89,614
Ryan White HIV/AIDS Treatment Modernization Act - Part B (Base)	93.917	SC DHEC	590,323
Ryan White HIV/AIDS Treatment Modernization Act - Part B (Emerging Communities)	93.917	SC DHEC	122,868
Ryan White HIV/AIDS Treatment Modernization Act - Part B (ADAP Insurance)	93.917	SC DHEC	19,486
Perinatal HIV Prevention Services	93.940	PO#562928	52,826
Perinatal HIV Prevention Services	93.940	PO#562928	46,237
Public Health Practice Post Doctoral Program	93.945	PO#615042	202,132
South Carolina Adult Tobacco Survey	93.998	PO#684380	179,658
Conduct Mail and Telephone Surveys for the South Carolina Health Alert Network	93.998	PO#684817	10,228
Minority AIDS Initiative - Programs Increasing Access to Ryan White			

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
JUNE 30, 2008

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
US Department of Health and Human Services			
South Carolina Department of Health and Environmental Control, continued			
Medications for Racial and Ethnic Minorities: Prison Linkage Program and Sumter Health Promoters Program	93.998	PO#709841	37,153
BRFSS Cell Phone Survey	93.998	PO#714280	15,000
South Carolina Department of Health and Human Services			
Avian Influenza Rapid Response Training at the State and Local Level, South Carolina	93.283	PO#698084	13,000
South Carolina Department of Mental Health			
Evaluating OASIS for Sustainability	93.243	P243-09-07-05DP	31,179
South Carolina Department of Social Services			
ABC Special Needs Child Care Voucher Program Public Awareness Services	93.575	G70050T/G80050T	357,052
The Purchase of Social Work Training for DSS Staff and Agents	93.608	C70001S	2,830,742
Purchase of Social Work Training for DSS Staff and Agents	93.608	C80001S	720,204
Children's Justice Act - Operation of Children's Law Office	93.643	C60002S-1	25,497
Children's Justice Act - Operation of Children's Law Center	93.643	C70002S-2	64,052
Children's Justice Act - Support of CJA Task Force	93.643	C70030S	31,495
DSS Legal Training Contract	93.643	C70035S	726,804
Children's Justice Act - Operation of the Children's Law Center	93.643	C80002S-33	47,715
Children's Justice Act - Support of S.C. CJA Task Force	93.643	C80030S-1	39,705
Legal Training for DSS Staff and Agents	93.643	C80035S-2	237,592
Improve the Quality of Child Care for South Carolina Families	93.998	C700694-3	97,114
Training and Special Events to Improve the Quality of Child Care for South Carolina Families	93.998	C80003H	84,663
Improve the Quality of Childcare for South Carolina Families Extension Number Three/Amendment Number Four	93.998	C80069H-4	76,888
South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network	93.998	SC DSS/HHS	156,044
South Carolina Headstart Collaboration Office			
Interpreter Qualification Project for Head Start	93.998	SC HEAD START C	1,669
University of South Carolina Research Foundation			
South Carolina HIV/AIDS Clinical Training Center	93.145	5-23202	217,432
South Carolina HIV/AIDS Clinical Training Center	93.145	5H4HA00067-05	1,799
SC Disability and Health Project	93.184	IU59DD000268-01	203,493
SC Disability and Health Project	93.184	5U59DD000268-02	61,952
SC Disability and Health Project	93.184	U59CCU421834-05	6,739
Chronic Care Quality Improvement Learning Laboratory (CQuLL)	93.226	1K02HS017013-01	67,849
Targeting Mass Media Interventions for Risky Sexual Behavior	93.242	304649060006219	180,375
Targeting Mass Media Interventions for Risky Sexual Behavior	93.242	304696530006219	125,187
Campus Suicide Prevention Grants Program	93.243	1H79SM057874-01	18,709
Campus Suicide Prevention Grant - Continuation Application	93.243	1H79SM057874-02	52,545
South Carolina Poison Center Certification Project	93.253	5H4HS0007906-00	34,866
South Carolina Poison Center Certification Project	93.253	5HABHS000790500	3,300
South Carolina Poison Center Stabilization Project	93.253	H4BHS00079-0700	303,378
Graduate Education in Industrial Hygiene	93.262	5T01OH008620.03	67,808
Graduate Education in Industrial Hygiene	93.262	ST01OH008620-02	327
Centers for Public Health Preparedness (CPHP) 04209CONT (BP4)	93.283	5U90TP424245-04	642,917
USC Center for Public Health Preparedness	93.283	9-0CCU42424503	57,627
Advanced Education Nursing Traineeship Program	93.358	2A10HP001350700	1,225
Advanced Education Nursing Traineeship Program	93.358	2A10HP001350800	32,554
Advanced Education Nursing Traineeship Program	93.358	A10HP00135	11,091
Expanded Primary Care Services to an Urban Area	93.359	3-D11HP00503-05	1,380
Expanded Primary Care Services to an Urban Area - Competing Continuation	93.359	3-D11HP00503-06	154,168
Science Laboratory	93.389	8-R5RR018542	153,555
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DD0607/01	489,280
University of South Carolina Marlboro County Minority Youth Empowerment Demonstration Program	93.910	1YEPMP060001-01	215,805
Salkehatchie Collaborative-NEEDS	93.912	WCHE/HRSA	61,245
StrokeMobile: Mobile Prevention Program for Stroke in South Carolina	93.998	CARESOUTH CAROL	12,997
Coordinated Quality Assurance/Quality Improvement Programs Statewide for SC DDSN	93.998	NASDDDS	28,649
Subcontract to implement "Flex Critical Access Hospital Health Information Technology Network Grant (CAH-HIT)"	93.998	SCORH/ORHP/HRSA	6,310
Type 1 Diabetes Genetics Consortium	93.999	BENAROYS RESEAR	9,671
Total US Department of Health and Human Services			14,088,086

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
JUNE 30, 2008

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
Corporation for National and Community Service			
Passed through programs from:			
South Carolina Department of Education			
SC Commission on National and Community Service (AMERICORP)	94.007	07GH308-01	32,886
SC Commission on National and Community Service (AMERICORP)	94.007	R24056	<u>1,500</u>
Total Corporation for National and Community Service			<u>34,386</u>
Social Security Administration			
Passed through programs from:			
University of South Carolina Research Foundation			
Communications Training Course/SSA/October 06	96.007	737408	35,456
Communications Training Social Security Administration October 2007	96.007	B678911	<u>66,316</u>
Total Social Security Administration			<u>101,772</u>
Homeland Security			
Passed through programs from:			
Office of the Adjutant General			
SC Emergency Management Division Partial Funding for Interoperable Communications	97.042	PO#2148	635
University of South Carolina Research Foundation			
South Carolina 2007 Statewide Homeland Security Exercise and Evaluation Program	97.999	A606-102	<u>8,160</u>
Total Homeland Security			<u>8,795</u>
Total Federal Expenditures			<u>\$ 318,588,964</u>

See accompanying notes to Schedule of Expenditures of Federal Awards

UNIVERSITY OF SOUTH CAROLINA
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

NOTE 1 - BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the schedule), includes the federal grant activity of the University of South Carolina (the University), and is presented on the accrual basis of accounting. The information in the schedule is presented in accordance with the requirements of Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Therefore, some amounts presented in the schedule may differ from amounts presented in, or used in, the preparation of the basic financial statements.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES FOR FEDERAL AWARD EXPENDITURES

Expenditures for student financial aid programs include the federal share of students' Federal Supplemental Educational Opportunity Grant (FSEOG) program grants and Federal Work Study (FWS) program earnings, certain other federal financial aid for students and administrative cost allowances, where applicable.

Expenditures for federal research and development programs are determined using the cost accounting principles and procedures set forth in OMB Circular A-21, *Cost Principles for Educational Institutions*. Under these cost principles, certain expenditures are not allowable or are limited as to reimbursement.

Expenditures for nonfinancial aid awards include indirect costs, related primarily to facilities operation and maintenance and general, divisional and departmental administrative services, which are allocated to direct cost objectives (including federal awards) based on negotiated formulas commonly referred to as facilities and administrative cost rates. Facilities and administrative costs allocated to such awards for the year ended June 30, 2008, were based on predetermined fixed rates negotiated with the University's cognizant federal agencies.

NOTE 3 - FEDERAL PERKINS LOAN PROGRAM (CFDA NUMBER 84.038)

The Federal Perkins Loan Program is administered directly by the University and balances and transactions relating to the program are included in the University's financial statements. The balance of loans outstanding under the Federal Perkins Loan program was \$17,269,473 as of June 30, 2008.

NOTE 4 - MATCHING

Under the FWS program, the University matched \$460,618 in total compensation for the year ended June 30, 2008, in addition to the federal share of expenditures in the accompanying schedule of expenditures of federal awards.

Under the FSEOG program, the University matched \$439,215 in funds awarded to students for the year ended June 30, 2008, in addition to the federal share of expenditures in the accompanying schedule of expenditures of federal awards.

NOTE 5 - SUBRECIPIENTS

Of the federal expenditures presented in the schedule, the University provided federal awards to subrecipients as follows for the year ended June 30, 2008:

<u>Federal granting agency</u>	<u>Federal CFDA number</u>	<u>Amount provided to subrecipients</u>
U.S. Department of Commerce	11.RD	\$ 981,009
Total U.S. Department of Commerce		981,009
U.S. Department of Defense	12.RD	1,571,504
Total U.S. Department of Defense		1,571,504
U.S. Department of Justice	16.RD	93,998
Total U.S. Department of Justice		93,998
U.S. Department of Transportation	20.RD	205,902
Total Department of Transportation		205,902
National Aeronautics and Space Administration	43.RD	27,296
Total National Aeronautics and Space Administration		27,296
National Science Foundation	47.RD	378,826
Total National Science Foundation		378,826
Environmental Protection Agency	66.RD	57,002
Total Environmental Protection Agency		57,002
U.S. Department of Energy	81.RD	153,708
Total U.S. Department of Energy		153,708
U.S. Department of Health and Human Services	93.RD	2,958,923
	93.778	738,376
	93.910	33,016
	93.917	684,931
	93.917	43,528
	93.998	111,855
Total U.S. Department of Health and Human Services		4,570,629
U.S. Department of Education	84.336	531,525
Total U.S. Department of Education		531,525
Grand total		<u>\$ 8,571,399</u>

**REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF
FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH
GOVERNMENT AUDITING STANDARDS**

The Board of Trustees
University of South Carolina
Columbia, South Carolina

We have audited the financial statements of the business-type activities and the discretely presented component unit of the University of South Carolina (the University) a department of the State of South Carolina, as of and for the year ended June 30, 2008, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 15, 2008. Other auditors audited the financial statements of the University of South Carolina School of Medicine Educational Trust and Clinical Faculty Practice Plan (the Trust); University of South Carolina Research Foundation; the University of South Carolina Educational Foundation; the University of South Carolina Business Partnership Foundation; the Greater University of South Carolina Alumni Association; the Carolina Piedmont Foundation; and the Educational Foundation of the University of South Carolina - Lancaster, (collectively referred to as Foundations), as described in our report on the University's financial statements. The financial statements of the Trust and the Foundations were not audited in accordance with *Government Auditing Standards*. Except as discussed in the preceding sentence, we conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the University's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

This report is intended solely for the information and use of management, the Board of Trustees, the Office of the State Auditor of South Carolina and federal granting agencies and is not intended to be and should not be used by anyone other than those specified parties.

Elliott Dairs, LLC

Columbia, South Carolina
October 15, 2008

**REPORT ON COMPLIANCE WITH REQUIREMENTS APPLICABLE
TO EACH MAJOR PROGRAM AND INTERNAL CONTROL OVER
COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133**

The Board of Trustees
University of South Carolina
Columbia, South Carolina

Compliance

We have audited the compliance of the University of South Carolina (the University) with the types of compliance requirements described in the U. S. Office of Management and Budget (OMB) Circular A-133, *Compliance Supplement* that are applicable to each of its major federal programs for the year ended June 30, 2008. The University's major federal programs are identified in the summary of auditors' results section of the accompanying Schedule of Findings. Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the University's compliance with those requirements.

In our opinion, the University complied, in all material respects, with the requirements referred to above that are applicable to each of its major federal programs for the year ended June 30, 2008.

Internal Control Over Compliance

The management of the University is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts and grants applicable to federal programs. In planning and performing our audit, we considered the University's internal control over compliance with requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance but, not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

A *control deficiency* in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect noncompliance with a type of compliance requirement of a federal program on a timely basis. A *significant deficiency* is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by any entity's internal control.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

Schedule of Expenditures of Federal Awards

We have audited the basic financial statements of the business-type activities and the discretely presented component of the University of South Carolina a department of the State of South Carolina, as of and for the year ended June 30, 2008, and have issued our report thereon dated October 15, 2008 which included a reference to the reports of other auditors. Our audit was performed for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying Schedule of Expenditures of Federal Awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.

This report is intended solely for the information and use of management, the Board of Trustees, the Office of the State Auditor of South Carolina, and federal granting agencies and is not intended to be and should not be used by anyone other than those specified parties.

Elliott Davis, LLC

Columbia, South Carolina
October 15, 2008

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS
For the year ended June 30, 2008

I. Summary of Auditors' Results

Financial Statements

- | | |
|---|-------------|
| (a.) Type of auditors' report: | Unqualified |
| (b.) Internal control over financial reporting: | |
| 1) Material weaknesses identified: | None |
| 2) Significant deficiencies identified that are not considered to be material weaknesses: | None |
| (c.) Noncompliance material to financial statements noted: | None |

Federal Awards

- | | |
|---|-------------|
| (a.) Internal control over major programs: | |
| 1) Material weaknesses identified: | None |
| 2) Significant deficiencies identified that are not considered to be material weaknesses: | None |
| (b.) Type of auditors' report issued on compliance for major programs: | Unqualified |
| (c.) Audit findings that are required to be reported in accordance with Section 510(a) of Circular A-133: | None |
| (d.) Identification of major program: | |

<u>CFDA Numbers</u>	<u>Name of federal program or cluster</u>
00.RD; 10.RD; 11.RD; 12.RD 14.RD; 15.RD; 16.RD; 20.RD 42.RD; 43.RD; 45.RD; 47.RD 66.RD; 81.RD; 84.RD; 93.RD 96.RD; 97.RD; AID.RD	Research and Development Cluster
84.042; 84.044; 84.047; 84.066; 84.217	TRIO Cluster
93.608	Administration for Children, Youth and Families Child Welfare Research and Demonstration
93.917	HIV Care Formula Grants

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS
For the year ended June 30, 2008

(e.) Dollar threshold used to distinguish between type A and type B Programs:	\$3,000,000
(f.) Auditee qualified as low risk auditee?	Yes
II. Findings Relating to the Basic Financial Statements Reported in Accordance with <i>Government Auditing Standards</i>:	None
III. Findings and Questioned Costs Relating to Federal Awards:	None