

**UNIVERSITY OF SOUTH CAROLINA**

**OMB CIRCULAR A-133 REPORTS**

**FOR THE YEAR ENDED  
JUNE 30, 2007**

**UNIVERSITY OF SOUTH CAROLINA  
OMB CIRCULAR A-133 REPORTS**

**CONTENTS**

	<b><u>PAGE</u></b>
<b>SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS</b>	1 - 30
<b>NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS</b>	31 - 32
<b>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</b>	33 - 34
<b>REPORT ON COMPLIANCE WITH REQUIREMENTS APPLICABLE TO EACH MAJOR PROGRAM AND INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133</b>	35 - 36
<b>SCHEDULE OF FINDINGS</b>	37

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Research and Development Cluster</b>			
<b>National Reconnaissance Office</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Life Modeling of Li-Ion Cells	00.RD	NRO00003C0122	\$ <u>118,840</u>
<b>Total National Reconnaissance Office</b>			<b><u>118,840</u></b>
<b>US Department of Agriculture</b>			
Natural Resources and Conservation Decision - Support System	10.RD	69-4639-9-9002	2,388
Passed through programs from:			
Berkley County Governmen			
Characterization of the Subsurface Hydrology of Berkeley County	10.RD	BERKELEY COUNTY	15,473
University of South Carolina Research Foundation			
Field and Modeling Validation of Aircraft Satellite-Based Soil Moisture Products	10.RD	5812651029	19
Using Recombinant Odorant Binding Proteins from the Tarnished Plant Bug, Lygus lineolaris, as an Absorptive Medium for the Specific Isolation of Adult Attractants	10.RD	58-1273-4-319	9,237
Regulation of Iron Uptake in Arabidopsis Thaliana	10.RD	2004-3510014934	42,669
Mechanism of Gene Silencing Suppression by the Tobacco rgs-CaM	10.RD	2006-3531917031	107,515
Socially Responsible Advertising and Promotion of Food, Fiber and Related Products: Developing an Integrated Set of Undergraduate Course	10.RD	G-1596-2	46,481
Understanding the Errors in Children's Dietary Recalls	10.RD	433AEM280101	12,096
Francis Marion and Sumter National Forest GIS Digital Update	10.RD	03PA11081209020	17,781
Response of Herpetofauna to Carolina Bay Restoration	10.RD	04CS11083601003	3,577
Bioelectrolytic System for the Treatment of Tannery Wastewater	10.RD	58-3148-5-060	4,464
Rapid Watershed Assessments for the NRCS in South Carolina	10.RD	68-3A75-4-74	203,244
C-Graz Development and Support for Maryland Conservation Grazing Program	10.RD	68-3B19-6-525	32,852
Statewide Summary of Resource Conservation Issues in South Carolina	10.RD	68-4639-6-6008	6
Development of an Updated South Carolina Wildlife Habitat Index	10.RD	68-4639-7-7012	5,008
Pittman Survey	10.RD	AG4670C0-060103	<u>81,810</u>
<b>Total US Department of Agriculture</b>			<b><u>584,620</u></b>
<b>US Department of Commerce</b>			
Passed through programs from:			
Coastal Carolina University			
Identification of Coastal Hypoxia Mechanisms in Inner Shelf Waters of Long Bay, South Carolina	11.RD	CCU NO.2005.002	7,912
Coastal States Organization, Inc.			
Meeting the Needs of Southeastern Coastal Resource Managers through Coastal Ocean Observing Systems, Part 1	11.RD	COASTAL STS ORG	180
South Carolina Department of Health and Environmental Contro			
SCDHEC-OCRM Summer Internship in Applied Coastal Zone Managemen	11.RD	PO#643469	1,132
SCDHEC - Office of Ocean and Coastal Resources Management Joint Faculty Position in Applied Coastal Zone Management: Years 2 & 3	11.RD	PO#670650	4,327
South Carolina Department of Natural Resources			
Nutrient and Phytoplankton Samples from ACE Basin National Estuarine Research Reserve	11.RD	PO#06002535	11,597
Nutrient and Phytoplankton Samples from ACE Basin National Estuarine Research Reserve	11.RD	PO#07-002070	4,981
The Expansion of the South Carolina Harmful Algal Bloom Projec	11.RD	00770-84517	65,720
Edisto Causeway Project	11.RD	PO#07000672	9,950
South Carolina Sea Grant Consortium			
Characterizing the Hydrodynamics of breached former rice fields on the Cooper River, SC	11.RD	P/M-20-V310	4,117
Functional Relationships (Coupling) Between Epiphytic Microalgae and Foodwebs in a Salt Marsh	11.RD	P/M-2H-V410	65,725
Utilization of Dissolved Organic Phosphorus (DOP) by Phytoplankton in Winyah Bay, South Carolina	11.RD	P/M-2J-V410	3,480
Testing a New Method to Assess Fluctuations in Sea Level Along the SC Coast: Use of Palynomorphic Signatures to Identify Changes in Positions of Juncusroemerianus High-level Salt Marshes Over Tim	11.RD	P/M-2K-V410V41K	5,926
Collaborative Research: Shell Circulation, Wave Propagation and Sediment Transport in Long Bay, SC: Measurements and Modeling	11.RD	Q76C	54,159
Numerical Study of the Physical Conditions that Lead to Hypoxia Events in Long Bay, SC	11.RD	SC SEA GRT/R269	5,272
An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamic	11.RD	SC SEA GRT/R280	3,429
Gulf Oyster Industry Program: A Training Workshop on Pigment-Based Detection of the Harmful Dinoflagellate, Karenia Brevi	11.RD	SC SEA GRT/V460	7,300
Control of Saltmarsh Cordgrass by Blue Crab Predation on Periwinkle Snails: An Immunological Gut Check	11.RD	SEA GRT V474	3,336

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**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Commerce, continued</b>			
South Carolina Sea Grant Consortium, continued			
Planning for a Regulatory System to Implement Biosystem-Based Fisheries Management	11.RD	SEA GRT/V464	6,120
The Effectiveness of Vegetative Buffers in Reducing Nonpoint Source Pollution in Storm water Detention Ponds	11.RD	SEA GRT/V473	7,563
Functional Relationships (coupling) between Epiphytic Microalgae and Foodwebs in a Salt Marsh	11.RD	SEA GRT/V476	6,100
Coastal Wetland Indicators	11.RD	SEA GRT/V481	4,557
An Integrated Response to Nearshore Hypoxia Events through Coastal Ocean Observing Systems	11.RD	SURA 20052111	21
Numerical Study of the Physical Conditions that Lead to Hypoxia Events in Long Bay, SC	11.RD	SC SEA GRT/V169	77,740
Development of a Conceptual Model for an Integrated Coastal Prediction and Forecasting Initiative	11.RD	RL01 LUCESII	37,860
Development of a Conceptual Model for an Integrated Coastal Prediction and Forecasting Initiative	11.RD	RL01-LUCESII	11,218
Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC	11.RD	SC SEA GRT/R174	45,861
An Assessment of Stormwater Best Management Practices for Coastal South Carolina: The Oak Terrace Preserver Monitoring Project	11.RD	SC SEA GRT/R176	65,421
An Integrated Hydrogeologic and Ecological Study of Salt Marsh Dynamic Effects of Sublethal Concentrations of Agricultural Herbicides on The Structure and Function of Estuarine Phytoplankton Communities	11.RD	SC SEA GRT/R180	67,595
Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC	11.RD	SC SEA GRT/R181	39,222
Potential Impacts of Upstream Land Use Change on Phytoplankton Community Dynamics in Winyah Bay, SC	11.RD	SC SEA GRT/R274	11,334
LUCES-Land-Use Effects on Mobility, Bioavailability and Toxicity of Common Urban Contaminants in Water/Sediments of Coastal Ecosystems: Toxic Contaminants and Ecological Effects	11.RD	SEA GRT/R/COP-7	258
LUCES: Development of a Database Management and Spatial Modeling Program for the Land Use-Coastal Ecosystem Study	11.RD	SEA GRT/R/COP-7	1
LUCES: Development of a Database Management and Spatial Modeling Program for the Land Use-Coastal Ecosystem Study	11.RD	SEA GRT/R/COP-7	288
LUCES- Land Use and Coastal Ecosystems	11.RD	SEA GRT/R/COP-7	89
LUCES-Microbiology and Toxic Contaminants	11.RD	SEA GRT/R/COP-7	46
USES-Urbanization and Southeastern Estuarine Systems	11.RD	SEA GRT/V375	206
USCES-Urbanization and Southeastern Estuarine Systems	11.RD	SEA GRT/V375	1,457
USCES-Urbanization and Southeastern Estuarine Systems	11.RD	SEA GRT/V375	1,403
USCES-Urbanization and Southeastern Estuarine Systems	11.RD	SEA GRT/V375	1,743
USCES-Urbanization and Southeastern Estuarine Systems	11.RD	SEA GRT/V375	52
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	SEA GRT/V475	45,482
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	36,074
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	57,355
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	92,972
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	23,885
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	94,856
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	38,522
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	126,951
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	2,982
Urbanization and Southeastern Estuarine Systems (USES)	11.RD	V475	20,865
Role of Groundwater in the Biogeochemical Cycles of Carbon, Nitrogen and Phosphorus	11.RD	SEA GRT/V37F	14,647
FISHTEC: Molecular Genetics of Managed Marine Fish Populations	11.RD	EA133C06SE4351	54,796
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	8,232
Request for Supplemental Funding for the Project Entitled: CAROLINAS COAST: A ONE-STOP SHOP FOR MARINE OBSERVATIONS IN THE CAROLINAS	11.RD	V49A SEACOOS	17,814
University of South Carolina Research Foundation			
CRESS 2002: Integrating Science and Management in the Caribbean	11.RD	535887	21,287
A Pilot Study to Investigate the Possible Linkages Between Submarine Groundwater Fluxes and Amphitheater-Shaped Scarps	11.RD	2005-550678-USC	71
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	8,756
Enhancements to the NERRS System-wide Monitoring Program for Delivery of Real-Time Data: Proposal to NOAA's Estuarine Reserves Division	11.RD	NA05NOS4191110	310,660
North Inlet - Winyah Bay NERR	11.RD	NA04NOS4200087	25,211

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**JUNE 30, 2007**

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<b>US Department of Commerce, continued</b>			
University of South Carolina Research Foundation, continued			
Regulation of Estuarine Plankton Communities and Carbon Flows by Gelatinous Zooplankton	11.RD	NA05NOS4201037	24,760
Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office	11.RD	NA05NOS4201081	196,063
North Inlet-Winyah Bay National Estuarine Research Reserve Program FY0	11.RD	NA05NOS4201085	54,267
Continuing Support of the NERR Centralized Data Management Office	11.RD	NA06NOS4200109	70,116
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA06NOS4200119	445,200
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, SC: Education and Training Center-Phase II-Construction	11.RD	NA06NPS4200041	16,064
Anthropogenic Effects on Genetic Diversity and Population Structure of Grass Shrimp (Palaemonetes) in South Carolina Tidal Creeks	11.RD	NA07NOS4200038	338
Integrating Climate Science and Water Management in North and South Carolin	11.RD	NA030AR4310142	72,641
Integrating Climate Science and Water Management in North and South Carolin	11.RD	NA030AR4310142	18,310
Use of Soil Moisture Observations for Improved Prediction of the North American Monsoon Precipitation	11.RD	NA040AR4310165	35,141
Acoustic Measurements of Particulate Organic Carbon Concentration in the Coastal Ocean	11.RD	NA040AR431099	146,358
Integrating Climate Science and Water Management in the Carolina	11.RD	NA060AR4310007	34,307
Integrating Climate Science and Water Management in the Carolina	11.RD	NA060AR4310007	45,862
Exploring Hydrothermal System Response to Crustal Thickness Gradients along the Galapagos Spreading Center	11.RD	KK5103	18,329
Carolina Coastal Ocean Observing and Predicting System (Caro-COOPS)	11.RD	NA16RP2543	2,512,227
Integrating the NERRS System-wide Monitoring Program with Ocean. U.S. Integrated Ocean Observing System Effort	11.RD	NA04NOS4730213	39,831
Integrating and Disseminating Historic and Current SWMP Data via the IOOS Initiativ	11.RD	NERRA	40,534
ECOF0RE 2004: Climate Change and Intertidal Risk Analysis	11.RD	NA04NOS4780264	294,315
ECOF0RE 2004: Climate Change and Intertidal Risk Analysis	11.RD	NA04NOS4780264	111,512
Ecological Effects of Sea-Level Rise on Coastal North Carolina Marshes	11.RD	NA05NOS4781185	28,573
Assistance in Marine Ecosystem Health Research in Microbial/Pathogen Detection and GIS Coastal Condition Assessment	11.RD	EA133C06SE4417	74,395
Preparation of analytical standards for use in HAB Research faculty position in applied coastal zone managemen	11.RD	MA-CASU-06030	19,412
Development of Novel Microbial/Pathogen Detection Models-Task 2	11.RD	MA-CASU-06-030	19,055
NOAA Building Project	11.RD	NA05NOS4731215	227,760
Molecular Genetics of Differentially Regulated Genes in the Grass Shrimp Palaemonetes pugio	11.RD	NCNS40006-00224	10,898
Assistance in Marine Ecosystem Health Research: New Methods for Detection of Biotoxins from Harmful Algal Bloom	11.RD	NCNS4000-600257	65,672
<b>Total US Department of Commerce</b>			<b><u>6,268,056</u></b>
<b>US Department of Defense</b>			
Compression of Large Data Sets with Geometry	12.RD	N00014-03-10675	34,375
Thermal Modeling and Simulation for all Electric Ship Systems in VTB	12.RD	N00014-06-10052	65,930
Quasi-Prospective Study of Breast Cancer and Diet (Population-Based Study)	12.RD	DAMD170010327	15,051
The Effect of a Home-Based Walking Intervention on Quality of Life Body Composition, and Estrogen Metabolism in Postmenopausal Breast Cancer Survivors	12.RD	DAMD170110628	5,260
Dietary Seaweed and Early Breast Cancer	12.RD	DAMD179818207	75,893
IPA Assignment Agreemen	12.RD	FIATA06162V701	203,642
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	5,979
Medical University of South Carolina			
MUSC Hollings Cancer Center/ONR	12.RD	GC3319054458CM	16,672
Post-Transcriptional Gene Targeting in Colorectal Cance	12.RD	GC33190544598CM	2,801
Nitric Oxide Alters the Structure and Function of the Human BER Enzyme, MPG	12.RD	SCI APP INT COR	16,210
MUSC Foundation for Research Development			
Minimally Invasive Molecular Staging (MIMS) RT-PCR Breast Cancer Stud	12.RD	MUSC	2,972
Office of Adjutant General			
Archeological Site Monitoring at the McCrady Training Facility, SCARNG	12.RD	PO #1494	4,000
South Carolina Army National Guard			
Cost and Effectiveness Analysis of AH-64A/UH-60L Onboard Vibrations Monitoring System	12.RD	DAHA3803P0036	1,123

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**JUNE 30, 2007**

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<b>US Department of Defense, continued</b>			
South Carolina Emergency Management Division			
IRIS Extender Support	12.RD	PO# 1521	3,547
IRIS-Web EOC Integration: Phase Two	12.RD	PO#801	6,384
IRIS Infrastructure Support	12.RD	PO#876	3,547
South Carolina National Guard			
Cost and Effectiveness Analysis of the AH-64/UH-60/CH-47 On Board Vibrations Monitoring (VM) System: Testing: Data Collection	12.RD	W912QG0690076P0	164,903
Cost and Effectiveness Analysis of the AH-64/UH-60/CH-47 On Board Vibrations Monitoring (VM) System: Testing	12.RD	W912QG06P0076P0	781,357
South Carolina Sea Grant Consortium			
Coastal Ocean Data Workshops	12.RD	N00014-02-10972	5,827
University of Florida			
Multiresolution Methods for Vision-Based Guidance, Navigation and Control	12.RD	UFEIES0302005	148,046
University of South Carolina Research Foundation			
Coupled Solvers for Multirate Integration in VTB	12.RD	05-069	491
Vanadium Steel Non-Standard (not a standard military bridge set) Fixed Bridge Case Study Proposal	12.RD	2005-638	82,721
SEA-COOS Initial Implementation	12.RD	3-1211004 YR4	105,521
SEA-COOS	12.RD	3-12110-04 YR4	74,796
SEA-COOS	12.RD	3-12110-04 YR4	114,216
Carolinas Coast Project	12.RD	3-12110-20	5,801
Documentation Efforts for Region-Wide Coastal Ocean Observing System	12.RD	3-12160-01	5,000
Transfer of Technology for Automated Crack Growth Simulations to USA	12.RD	3657USC001	82,560
Prior and Tacit Knowledge Services	12.RD	A7528S1	1,310
Deep UV Emitters Based on Quaternary AlInGaN Multiple Quantum Well Heterostructures	12.RD	DAAD19-02-10282	6,500
Center One at Fort Jackson	12.RD	DABK2103C0021	16,949
Preparation of an Integrated Cultural Resources Management Plan (ICRMP) and EA for Fort Jackson, SC	12.RD	DAMD17-01-20003	529
Phase II Evaluation of Archaeological Sites 38RD702 and 38RD705 Fort Jackson, South Carolina	12.RD	DAMD17-01-20003	52,835
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	13,340
Capturing Sparsity in High Dimensional Data (Full Proposal)	12.RD	DEPSCOR/USCRF	19,864
Damage Identification Algorithms for Composite Structures - SBIR AF06-09	12.RD	F7610-06-SC1423	13,158
STTR Phase II: Rechargeable Lithium Battery Operating Life Mode	12.RD	HQ0006-06-7381	39,033
Understanding the Dynamic Fracture Response of Heterogeneous Structures for Defense Applications	12.RD	N00014-03-0807	11,557
Analysis and Numerical Algorithms for Data Processing and Fast Solution of PDE	12.RD	N00014-03-10051	150,538
Real Time Measurements of Sediment Modification by Large Macrofaun	12.RD	N00014-03-10352	119,461
Soldier System Power Sources	12.RD	N00014-03-10952	13,103
Development of Novel Process for Plating Nanostructured Ternary Alloys and Composites for Replacement of Cadmium Coating	12.RD	N00014-04-10227	43,005
DURIP Proposal to Acquire Fisherscope XDAL and Mini Plating Plan	12.RD	N00014-05-10433	196
Nonlinear methods for supervised Learning: Defense Application	12.RD	N00014-05-10715	291,115
Frequency-Agile Wide-Bandwidth Power Interface to Support Incrementa Virtual Prototyping	12.RD	N00014-05-10734	82,136
Halocarbon Etching Surface Preparation (etching) of Silicon Carbide	12.RD	N00014-06-11141	2,488
Epitaxial SiC on Convex Surfaces	12.RD	N00014-06-11143	26,887
Personal Power Network	12.RD	N00014-07-0025	98,352
AlGaIn Based Deep Ultraviolet Injunction Laser	12.RD	N00014-07-10161	342,582
Residual Stress and FCGR in HSLA-65 FSW	12.RD	N00014-07-10439	55,104
Frequency-Agile Wide-Bandwidth Power Interface to Support Incrementa Virtual Prototyping	12.RD	N00014-07-10603	33,622
Development of System Level Modeling and Simulation Capability for SIC Power Semiconductor Devices	12.RD	N00014-07-10611	41,458
Infusion of a Gaming Paradigm into Computer-Aided Engineering Design Tool	12.RD	N00014-07-10686	29,743
ONR Tidal Flats DRI - Phase I	12.RD	N00014-07-10779	7,141
Uncertainty-based, Self-configuring Simulation for Design Support	12.RD	N00014-07-10818	42
Excavations in the Vicinity of the Santa Elena Kiln, Parris Island, South Carolina	12.RD	N62467-05-M9324	45,445
Effects of Gravity on DNA Transactions in Mammalian Cell	12.RD	NCC2-1374	89,238
Incorporation of Physics-Based Power and Energy Models into Wa Gaming and Mission Planning Environments	12.RD	PO#05-1-462	8,960
Migration of Physics-based "Real Power" Models into the Halle Environment for War Gaming and Mission Planning	12.RD	PO#06-1-396	21,707

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**JUNE 30, 2007**

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<b>US Department of Defense, continued</b>			
University of South Carolina Research Foundation, continued			
USC Participants in Electric Ship Research and Development Consortium	12.RD	R00433	1,595,471
Junior Science and Humanities Symposium 2006	12.RD	W911NF-04-10001	10
USC Junior Science and Humanities Symposium 2007	12.RD	W911NF-04-10001	9,872
In Situ Studies of the Decomposition of Simulated Chemical Warfare Agent on Nanoparticle Catalysis	12.RD	W911NF-05-10184	22,374
A Diet, Physical Activity, and Meditation Intervention in Men with Rising Prostate-Specific Antigen (PSA)	12.RD	DAMD170310139	40,733
Brain Imaging Research: The Detection of Deception Utilizing HD-ERP fMRI, and Pupillometry	12.RD	W81XWH-06-10272	456,822
Nutritional Status DNA Damage, and Tumor Pathology	12.RD	W91XWH-04-10755	7,191
U.S. Army Research Laboratory and U.S. Army Research Office (ARO) Grant W911NF-05-0378	12.RD	2975030469USCRF	15,247
USC Contribution to the Virginia Tech project on High Energy Density Nastic Structures Using Biological Transport Mechanism	12.RD	CR-19565-430099	46
Archaeological Investigations into Human Remains in the Spanish Levels of the Fort San Felipe Moat, Charlesfort/Santa Elena National Historic Landmark, Parris Island, South Carolina	12.RD	N62467-05-M9311	6,816
Archaeological Investigations of a suspected Native American Council House Feature at St Ellens in Charlesfort/Santa Elena National Historic Landmark, Parris Island, South Carolina	12.RD	N62467-05-M9312	7,153
Archaeological Planning for Shoreline Erosion Control Study, Charlesfort/Santa Elena National Historic Landmark, Parris Island, South Carolina	12.RD	N62467-05-M9318	5,054
MURI: Bio-Directed Hierarchical Assembly of Multifunctional Material	12.RD	PO#0001104934	165,638
Advanced Mathematical Methods for Processing Large Data Set	12.RD	W911NF-05-10227	56,795
Dynamic Characterization of Advanced Material System	12.RD	W911NF0610216	204,481
Deep Ultraviolet Avalanche Photodetectors (DUVAP)	12.RD	W911NF-06-10516	226,154
Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data	12.RD	W911NF-07-10185	35
Integrated Sensor Technologies for Chemical, Biological, and Radiation Detection	12.RD	W911NF-07-10320	11,260
Highly Effective Geospatial Representation and Analysis, Phase II (with Options for Phases III-IV)	12.RD	DARPA	75,737
Highly Effective Geospatial Representation and Analysis	12.RD	HMI582-05-20001	114,068
New Metrics for Characterizing and Predicting Network Behavior	12.RD	FA8750-04-20260	84,696
New Metrics for Characterizing and Predicting Network Behavior	12.RD	FA8750-04-20260	90,458
Network Science: Will the Rubber Ever Meet the Road?	12.RD	FA8750-04-20260	114,671
Fundamental Studies in Embedded Ultrasonic NDE	12.RD	FA9550-04-10085	56,787
New Graph Models and Algorithms for Detecting Salient Structures from Cluttered Images	12.RD	FA9550-07-10250	24,912
Factoring Lacunary Polynomials and Galois Groups of Laguerre Polynomial	12.RD	H98230-05-10038	9,779
Software for Generating Geometrically and Topologically Accurate Urban Terrain Models Using Implicit Methods (Phase I - STTR)	12.RD	06S-1483	46,104
Polymer Nanocomposites as Future Materials for Defense and Energy Application	12.RD	06-S531-057-C1	189,041
Polymer Nanocomposites as Future Materials for Defense and Energy Application	12.RD	06-S531-057-C1	22,191
Polymer Nanocomposites as Future Materials for Defense and Energy Application	12.RD	06-S531-057-C1	150,082
Investigation of Degradation Phenomena in SiC NPN Bipolar Junction Transistor	12.RD	07-005	4,617
Cooper Air Quality Program	12.RD	2007-620	30,104
Natural and Human-Induced Disasters and Other Factors Affecting Future Emergency Response and Hazard Management: An Outlook Paper	12.RD	6162-002-007-CS	19,132
Strategic Environmental Research and Development Program	12.RD	6-321-0210294	41,078
Development of High Temperature, Aggressive Environment-operatin Structural Health Monitoring Sensor Based on Micro-Structural Evolution Concep(USC participation in STTR AF06-T037)	12.RD	AF/STTR091506PH	38,809
High Frequency and High Power Electronics Using High Quality ALN Layers and Substrates	12.RD	HQ0006-06-2-004	1,493,442
Optimal Design of Compact Fuel Cell Hybrid Power Systems (STTR - Phase I)	12.RD	IDV/US ARMY	60,000
Hardware-In-The-Loop Demonstration Platform	12.RD	N65540065190	11,163
HEALTH Study: Sub-contract with RTI Internationa	12.RD	RTI/USCRF	34,366
Non-polar Epitaxy for Growth of Quasi-bulk A-GaN (STTR - Phase I)	12.RD	SENSOR ELE TECH	29,948
Portable Electrochemical Hydrogen Peroxide Generator for Enclosed-Area Decontamination	12.RD	W911NF-06-C0100	30,959
Library Development and Experiments Using Prototype Reconfigurable Computing Machines	12.RD	04-S42	17,183
Quercetin as a Countermeasure to Immune Dysfunction Induced by Prolonged Intense Physical Stress	12.RD	06-0036	196,468

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Defense, continued</b>			
University of South Carolina Research Foundation, continued			
Synthesis and Optimization of Polybromostyrene Stationary Phases for Chromatographic Separation of Endohedral Fullerenes	12.RD	1050.02-H-001	17,941
Synthesis and Optimization of Polybromostyrene Stationary Phases for Chromatographic Separation of Endohedral Fullerenes	12.RD	1050-03-OTH-001	18,747
Efficient Modeling and Simulation of Lithium-Ion Batteries for Satellite Applications in an Automated Environmen	12.RD	5-32326	68,777
Novel Cellular and Small Animan Models to Selectively Screen for Functiona Food and Dietary Supplements Which Delay Fatigue and Enhance Physical Stamina and Mental Alertness	12.RD	623755820120028	188,040
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	43,021
Bidirectional Power Converter for Hybrid Fuel Cell Power Source	12.RD	91252	98,524
Evaluation of 27 Sites at Ft Jackson	12.RD	DAMD170120003	5,046
SIC Epiwafer Quality Assessment by Device Performanc	12.RD	DOW CORNING COR	64,873
Theoretical Study and Simulation for Entropy Analysis of Network	12.RD	FA8750-04-20260	13,610
Combining Facts and Expert Opinion in Analytical Models via Logical and Probabilistic Reasoning	12.RD	FA8750-06-C0194	232,909
III-Nitride MOSHFET Based Advanced RF Circuit	12.RD	W9113M-05-10004	214,737
A New Method for Making SERS Substrates for Sensing Applications	12.RD	W911NF0420026	8,114
Ballistic Shields	12.RD	W911NF0420026	15,702
Concept Study: Bridging Small Gaps with Treadway	12.RD	W912HZ-06-P0139	34,853
Phytodegradation and Photodegradation of Nitroamine Hexahydro-1,3,5,-Trinitro-1,3,5-triazine (RDX)	12.RD	W913E5-04-C0004	38,478
Phytodegradation and Photodegradation of Nitroamine Hexahydro-1,3,5,-Trinitro-1,3,5-triazine (RDX)	12.RD	W913E5-04-C0004	<u>61,493</u>
<b>Total US Department of Defense</b>			<u><b>10,653,835</b></u>
<b>US Department of Interior</b>			
Passed through programs from:			
Clemson University			
Archaeological Reconnaissance at Hopewell Plantation	15.RD	6000024050	1,233
South Carolina Department of Natural Resources			
Habitat Characterization of Seepage Slopes on the Coastal Plain	15.RD	00760-90845	6,627
Ground-Penetrating Radar Surveys in the Congaree National Park	15.RD	H2360053170	6,703
Geology of the Congaree National Park	15.RD	SCDNR	13,356
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	17,620
University of South Carolina Research Foundation			
Pilot Testing of Zero-Discharge Seawater Desalination	15.RD	04FC811036TASKG	42,090
Cooperative Central and Southeast US Integrated Seismic Network-USC	15.RD	04HQAG0024	31,751
Paleoseismological Studies in the Charleston, South Carolina Region	15.RD	04HQR0053	8,253
USGS and USC Cooperative Agreement Multi-Hazard Vulnerability Assessment Decision Support	15.RD	03HQAG0018	16,118
Spatial-temporal Statistical Epidemiology of Chronic Wasting Disease	15.RD	05ERAG0061	50,822
Coastal Vulnerability Assessment Decision Support: Assisting in the Development of Social Vulnerability Methods and Indices for the Hurricane Coasts	15.RD	US DEPT INTERIO	13,727
Archaeological Consultant for Battle of Camden Project	15.RD	4503ML0136	13,213
Action Plan for Shoreline Preservation at Civil War Achaeological Site 38CH1213, Folly Island, South Carolina	15.RD	GA-2255-05-010	1,744
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	36,216
Isotopic Analysis of Foraminifers	15.RD	06ERSA0423	15,444
Forest Recovery and Hydrologic Modeling on New Park Land	15.RD	H5000030930	24,020
Congaree Floodplain Decision Support Project: Assessing the Extent of River Regulation Effects on Resources within and Around Congaree National Park	15.RD	J5240050013	1
Distribution of Trace Elements in Organic Soils of Muck Swamp, Congaree National Park, SC	15.RD	J5240050020	3,633
Geomorphology, Hydrology, and Vegetation of Near-Channel Floodplain Environments, Congaree River, Congaree National Park, South Carolina	15.RD	J5240050021	<u>301</u>
<b>Total US Department of Interior</b>			<u><b>302,872</b></u>



**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Justice</b>			
Passed through programs from:			
Continued Enhancement of Internet Victim Information System (IVIS)	16.RD	IV06099	88,224
University of South Carolina Research Foundation:			
The Impact of Proactive Enforcement of No-Contact Orders on Victim Safety and Repeat Victimization	16.RD	2004WGBX0007	111,354
A Multi-Method Evaluation of Police Use of Force Outcome:	16.RD	2005-IJ-CX-0056	226,537
Poly-victimization History Among Girls Adjudicated Delinquer	16.RD	2006-WG-BX-0011	31,126
Environmental Effects on Textile Fiber:	16.RD	J-FBI-04-181	134,813
Shifts, Extended Work Hours, and Fatigue: An Assessment of Health and Personal Risks for Police Officers	16.RD	R383492	<u>12,847</u>
<b>Total US Department of Justice</b>			<b><u>604,901</u></b>
<b>US Department of State</b>			
Passed through programs from:			
South Carolina Department of Public Safety			
Food and Nutrition Technical Assistance (Task Order 1	19.RD	38182-8383	<u>14,625</u>
<b>Total US Department of State</b>			<b><u>14,625</u></b>
<b>US Department of Transportation</b>			
Passed through programs from:			
Safety Belt Survey			
Frances Proveaux Lower Savannah Council of Government	20.RD	ADV SVC AGENCY	16,466
Evaluation Subcontract for the United We Ride Grant for Transportation Coordination, Lower Savannah Council of Government	20.RD	LOWER SAVANNAH	11,375
South Carolina Department of Public Safety			
Safety Belt Survey for the South Carolina Department of Public Safety	20.RD	ASA/SCDPS/DOT	20,078
South Carolina Department of Transportation:			
Investigation of the performance and Benefits of Class-F Self Consolidating Concrete (SCC)	20.RD	851	21,806
Investigation of the Performance and Benefits of Class F Self Consolidating Concrete	20.RD	920	82,777
Structural Evaluation and Monitoring of HPS 70W Steel Bridge	20.RD	C-411/PO#312101	9,501
ITS and Construction Management Modules: SCDOT Resident Construction Engineer Academy	20.RD	646	52,157
Development of Improved Rideability Specifications for Rigid Pavements and Bridge Decks	20.RD	647	78,593
Seismic Hazard Mapping for Bridge and Highway Design in South Carolin	20.RD	CA01372	15,355
Investigations into the Performance of Corrosior	20.RD	PO#316626/489	5,794
Investigations into the Performance of Corrosion Resident Reinforcement Steel in Highway Bridge:	20.RD	PO#316636/488	7,022
University of South Carolina Research Foundation:			
Repair of Cracked Prestressed Concrete Girders, I-565 Huntsville, A	20.RD	04HRC420749SC	490
Alternative Aircraft and Airfield De-icing and Anti-icing Formulations with Reduced Aquatic Toxicity and Biological Oxygen Deman	20.RD	ACRP-02-01	169,897
2006 Eisenhower Graduate Fellowship for Gurcan Comer	20.RD	DDEGRD-06X00418	10,495
Fuel Cell Bus for University of South Carolina Campus	20.RD	GA04700100	<u>2,297</u>
<b>Total US Department of Transportation</b>			<b><u>504,103</u></b>
<b>Library of Congress</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Library of Congress Collaborative Project for Preservation and Conservation of Fox Movietone Newsreel Collectior	42.RD	05-LIB-0001	122,134
Newsfilm Library/Library of Congress Cooperative Movietone News Grant	42.RD	LIBRARY OF CONG	<u>365,870</u>
<b>Total Library of Congress</b>			<b><u>488,004</u></b>
<b>National Aeronautics and Space Administration</b>			
A High Resolution Soil Mositure Change Detection Algorithm for Land Surface Hydrology Applications:			
Extended Validation of AMSR-E Soil Moisture Products (AQUA-0084-0032)	43.RD	NNG05GP11H	366
Development of Remote Sensing-assisted Natural and Technological Hazard: Decision Support Systems	43.RD	NAG-511128	8,615
Development of Remote Sensing-assisted Natural and Technological Hazard: Decision Support Systems	43.RD	NCC-1303008	211,813
Development of Remote Sensing-assisted Natural and Technological Hazard: Decision Support Systems	43.RD	NCC-1303008	85,987
Development of Remote Sensing-assisted Natural and Technological Hazard: Decision Support Systems	43.RD	NCC-1303008	99,385
Development of Remote Sensing-assisted Natural and Technological Hazard: Decision Support System	43.RD	NCC-1303008	27,665

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Aeronautics and Space Administration</b>			
Passed through programs from:			
College of Charleston			
Studying Large Scale Ocean Circulation Using Altimetry	43.RD	248715720	7,283
Development of a Micrepump for Thermal Management of Space Electronic	43.RD	520544-DARABI	319
USC-SC Space Grant Consortium Renewal	43.RD	520589	3,065
Influence of Phytoplankton on Ocean Surface Circulation	43.RD	5205893099BULUS	2,682
REAP-RG: In-situ Nanoscale Residual Stress Mapping and MEMS/NEMS Reliability Studies for Aeronautics and Space Applications	43.RD	5205893099LIREA	12,415
Development of a Capacity Fade Model for Li-ion Batteries: Demonstration of the Applicability of Li-ion Batteries for Space Applications	43.RD	520544	6,063
Fabrication of Super-Tough, Ultra-High Temperature Resistant Nacre-Like Nanostructured Composites for Aeronautics and Space Application	43.RD	520544-L1	4,615
Fellowship for Devin Beard for South Carolina Space Grant	43.RD	SC SPACE GRANT	10,000
Medical University of South Carolina			
Cardiovascular Tissue Engineering	43.RD	NCC5575	10,146
South Carolina Sea Grant Consortium			
The Evolution of Elements in Galaxies	43.RD	SC SEA GRT	972
South Carolina Space Consortium			
Influence of Phytoplankton on Ocean Surface Circulation	43.RD	520544-BULUSU	19,859
Evolution of Elements in Galaxies	43.RD	SC SPACE GRT	10,000
University of South Carolina Research Foundation			
Aqua/AMSR-E Soil Moisture Algorithm and Product Improvement	43.RD	1261626	19,611
Robust AlGaIn/GaN Microsensor Dust for Chemical Warfare Agent Detectio	43.RD	1269663	33,999
Spectroscopy of a Dusty Quasar Absorption Line System	43.RD	1277525	4,377
Fabrication of 2-meter Spin-cast Polymer Composite Telescope Mirrors for Use in Space Communication	43.RD	1277672	54,144
Development of a Large Format, Interface Engineered III-nitride UV Imaging Arra	43.RD	1293429	30,694
Simulation of the Use of Cosmic Rays for Radiography	43.RD	14619-002-05	27,072
Additional Phytoremediation Laboratory Services to Support Hyperspectra Imaging Studies	43.RD	916986-NASA	19,125
Quantifying Deformations on the Microscale: Development of a SEM-Based Measurement System with Software Implementation Capabl of Measuring Crack Tip Strains	43.RD	CORRELATED SOLU	15,617
Participation in Phase II of NASA STTR T7-02	43.RD	NGA1105.0068	58,321
Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology	43.RD	NNG04GE43G	126,913
Climate Change and Intertidal Biogeography: Coupling Remote Sensing Data to Thermal Physiology	43.RD	NNG04GE43G	78,717
Modeling the Influence of Plant Cover on Water and Energy Cycling at the Land-Atmosphere Interface: Constraints from Satellite and Ground Dat	43.RD	NNG05GC16G	30,729
Design of an Adsorption-Based Carbon Dioxide, Humidity and Trace Contaminant Removal System	43.RD	NNM05AA10A	97,644
Disaggregation of AMSR-E Data Using Airborne TIR Surface Temperature MODIS-AQUA NDVI and ALOS-PALSAR Soil Moistur	43.RD	NNX06AG85G	15,726
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	44,701
Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels	43.RD	NNX07AF20G	114,840
Zinc Abundances in Damped Ly-alpha Systems at z<0.5: A Missing Link in the Chemical History of Galaxies	43.RD	HSTG00944101A	44,731
Synthetic Receptor-Based Biosensor With Enhanced Selectivity and Sensitivity	43.RD	INNOSENSE LLC	499
Satellite Data Analysis of Low-Frequency Indian Ocean Climate Variability	43.RD	NNG06GJ22G	37,936
Improvements to Cooper Library at the University of South Carolina, Columbia, SC	43.RD	NNL05AA22G	163,013
Rugged Low-Temperature Actuators for Tunable Fabry-Perot Optical Filters- Phase II SBIR	43.RD	PERKIX INC/NASA	19,506
Spectral Analysis of Poplar Exposed to Trichloroethylene	43.RD	PO#911908	12,475
<b>Total National Aeronautics and Space Administration</b>			<b><u>1,571,640</u></b>
<b>National Foundation of Arts and the Humanities</b>			
Passed through programs from:			
South Carolina Humanities Council			
Final Phase Civil Rights Anthology Project	45.RD	7-1172-1	2,084
The Civil and Human Rights Anthology Project, Final Phase	45.RD	CP 7-161-5	358
South Carolina State Museum			
Seeds of Change: The Great War, South Carolina, and the World	45.RD	SC STATE MUSEUM	154
Seeds of Change: The Great War, South Carolina, and the World	45.RD	SC STATE MUSEUM	13,017

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Foundation of Arts and the Humanities, continued</b>			
University of South Carolina Research Foundation			
Woodward Folklife Video Project	45.RD	05-5500-7011	2,549
African American Camp Meeting	45.RD	07-5500-7015	450
Spenser Edition	45.RD	FA-52531-06	40,000
School Library Media Specialist for the Next Generation	45.RD	RE0403003303	4,004
<b>Total National Foundation of Arts and the Humanities</b>			<u><b>62,616</b></u>
<b>National Science Foundation</b>			
NSF Graduate Fellowship in Physics	47.RD	DGE-0343115	36,607
Reducing Contextual Bias in Performance Appraisal	47.RD	SES-9911132	195
Graduate Research Fellowship	47.RD	DGE-0343115	38,242
NSF Graduate Fellowship	47.RD	DGE-0343115	37,644
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	63,458
South Carolina Commission on Higher Education			
Greedy Approximations with Expansions	47.RD	DMS-0554832	19,101
South Carolina ETV			
Evaluation of the "TECH" Program of the Educational Television Endowment o South Carolina	47.RD	HRD-0217199	1,297
South Carolina Research Authority			
Engineering of Cellular Developmen	47.RD	TO0041	232,258
Interdisciplinary Team for the Study of the Evolutionary Origin of Flight in Bird	47.RD	20030194/TO00032	1,408
Immune Response in Muscle Histolysis	47.RD	TO0044	4,471
Synthesis and Characterization of Metal Nanoparticles Encapsulated within Icosahedral Plant Viral Capsids	47.RD	TO0054	30,287
Planning for a South Carolina Ecological Observatory Network	47.RD	TO0058	145
Travel Support to Attend the ASCEND IGERT Assistance Workshop	47.RD	TO0059	2,313
Influence of the Nature of Quantum Dot Surface Cations on Interactions with DNA	47.RD	TO0043	246
South Carolina State University			
SCAMP II Phase I	47.RD	02444393	118,425
The Citadel			
Salamander Green Rod/Blue Cone Visual Pigment Gene Characterization	47.RD	NSF-433411	957
University of South Carolina Research Foundation			
Electromechanical Resonators as Sensors for Chemical and Bio-Molecules	47.RD	0630097	50,393
Characterization of the Liquefaction Resistance of Aged Soils	47.RD	108075582062005	40,243
Biogeochemistry of Seawater Gels: A New Paradigm for the Microbial Loo	47.RD	430084	20,636
NER: Development of Turnip Yellow Mosaic Virus as Nano Delivery Vehicle	47.RD	BES-058419	2,957
COLLABORATIVE RESEARCH-BES: FERRYMON U	47.RD	BES-0606940	3,937
CAREER: Amyloid Fibril Formation in Bulk Solution and on Supported Phospholipid Bilayers	47.RD	CBET-0644826	24,099
Concrete and CO2 Sequestering: How Much? How Fast?	47.RD	CBET-0725268	771
The Recovery Divide: Sociospatial Disparities in Disaster Recovery from Hurricane Katrina along Mississippi's Gulf Coast	47.RD	CMMI-0623991	30,591
Synthesis of Necklace-Shaped, Boron and Boride Nanowires for Polymer Nanocomposite Applications	47.RD	CMMI0653651	3,632
Predictive Methodologies for the Design of Lamb-Wave Piezoelectric Wafer Activ Sensors for Structural Health Monitoring, Damage Detection and Failure Prevention	47.RD	CMS-0408578	12,736
Collaborative Research: Workshop on Construction and the Environment: Research Foci for a Sustainable Future	47.RD	CMS-0424658	433
Collaborative Research: Placed-Based Decision Support for Spatial and Temporal Transference of Risk and Hazards	47.RD	CMS-0433158	91,202
Fast Protection of Shipboard Electrical Power Systems - Phase I	47.RD	CMS-0514418	15,268
SST: Ferroelectric Thin-Film Active Sensor Arrays for Structural Health Monitorin	47.RD	CMS-0528873	87,122
International Research and Education Experience for Early-career Researchers in Ferroelectric/Piezoelectric Active Sensors (Supplemental Funds - IREE	47.RD	CMS-0528873	5,875
DDDAS-TMRP: An Adaptive Cyberinfrastructure for Threat Management in Urban Water Distribution Systems	47.RD	CMS-0540177	29,733
Role of Mechanical Environment on the Evolution of Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	6,263
Role of Mechanical Environment on the Evolution of Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	31,446
Role of Mechanical Environment on the Evolution of Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	30,835
Role of Mechanical Environment on the Evolution of Tissue Microstructure: Meso-Scale Cell-Extracellular Matrix Interactions	47.RD	CMS-0555329	6,224

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
University of South Carolina Research Foundation, continued			
Multiscale Mechanical Characterization of Biological Tubes	47.RD	CMS-0556362	144,564
Understanding the Mechanics of Particle Motion in Levee-breach Closure	47.RD	CMS-0612207	30,292
NITR: Dendrimer-Stabilized Nanoparticles	47.RD	CTS-0103135	83
CAREER: Mixed-Integer Nonlinear Programming Approaches for Hydrogen Production Systems	47.RD	CTS-0238663	61,526
Collaborative Research: Tailoring Solid Catalysts for Selective Reaction of Multifunctional Molecules	47.RD	CTS-0456899	74,399
Collaborative Research: Tailoring Solid Catalysts for Selective Reaction of Multifunctional Molecules	47.RD	CTS-0456899	9,065
Effect of Structure of Room Temperature Ionic Liquids on Organic Reactions Involving Electrochemically Generated Superoxide Ion	47.RD	CTS-0500032	74,083
NER: Ferromagnetic Seeding for Non-Invasive Magnetic Drug Targetin	47.RD	CTS-0508931	74,984
A Hierarchical, Structure-Oriented and Stochastic Approach to Model Liquid Molding Processes	47.RD	DMI-0522221	59,162
IREE: Micro-Scale Flows Through Fibrous Media (Supplement to Account 15510-FA75)	47.RD	DMI-0522221	13,138
A Miniature Implantable Device for Continuous Glucose Monitoring	47.RD	ECCS-0702056	1,391
CAREER: Flexible, Ultra-Thin, Packaged Antennas and Arrays for Future Generation Wireless Applications	47.RD	ECS-0237783	48,044
Career: Flexible, Ultra-Thin, Packaged Antennas and Arrays for Next Generation Wireless Applications-Supplement	47.RD	ECS-0237786	6,941
CAREER: Modeling, Control and Stability Investigation of Multiple Power Converter Systems	47.RD	ECS-0348433	46,602
Development of a Novel Wireless Sensor System Test-Bed for Infrastructure Health Monitoring and Biomedical Applications	47.RD	ECS-0619253	26,649
Capacitively Coupled Wide Bandgap Heterostructures for High-Frequency Electronic	47.RD	ECS-0621931	35,299
REU Site: Chemical Engineering Research in Japan	47.RD	EEC-0243726	76,237
I/UCRC for Fuel Cell Research-Operation Grant	47.RD	EEC-0324260	82,629
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	8,406
Collaborative Research for a Friction Stir Processing I/UCRC	47.RD	EEC-0437341	46,646
Collaborative Research Proposal for a Friction Stir Processing I/UCRC - Supplemental Funding	47.RD	EEC-0437341	14,844
REU Site: Green Chemistry in Chemical Engineering	47.RD	EEC-0552702	115,544
SGER: Complexity, Systems, and Control in Nanobiotechnology: Developing a Framework for Understanding and Managing Uncertainty Associated with Radically Disruptive Technologies	47.RD	EEC-0646332	9,900
Thermal Initiated Hydrolysis of Chemical Hydrides for Small Fuel Cell	47.RD	MILLEIUM CELL	30,000
Multi-Scale Modeling of the Mouse Heart: from Genotype to Phenotype	47.RD	PO#10251464	102,387
Development of PEM Fuel Cell Electrodes Using Pulse Electrodeposition	47.RD	PO#3105	34,449
On the Factorization of Lacunary Polynomials	47.RD	0207302SF	820
Condensed-Phase Dynamics by Ultrafast Nonlinear Spectroscopy	47.RD	0210986	27,271
Harmonic, Number-Theoretic, and PDE Analysis of Talbot's Phenomenon	47.RD	0410012	21,116
Some Problems in Number Theory	47.RD	0601033	9,454
Tracing Evolution of Metals and Stars in Galaxies with Quasar Absorption Line	47.RD	AST-0607739	22,224
CAREER: Exploring Particle Size Dependent Surface Chemistry on Supported Metal Nanoparticles	47.RD	CHE-0133926	135,239
Development of a 2D Vibrational Spectrometer for Materials Characterization Based on NMR Analogs	47.RD	CHE-0216056	1,839
New Organic/Inorganic Hybrid Material	47.RD	CHE-0314164	6,558
An Investigation of Enhanced Laser-Induced Spark Emission and Material Ablation Following Sequential Laser Pulse Excitation	47.RD	CHE-0316069	1,044
Conformationally Programmable Molecular Receptor	47.RD	CHE-0316395	11,827
Self-Assembled Organic Nanotubes from Cyclic Urea	47.RD	CHE-0316424	5,555
Sulfides and Disulfides of Di- and Polymetallic Carbonyl Complexes: Precursors to Nano-Catalysts and Nano-Structured Materials	47.RD	CHE-0354892	86,615
Development of Unique Multitopic Ligands for the Syntheses of Highly Organized Multi-Metallic Complexes	47.RD	CHE-0414239	89,963
Boronate-Linked Extended Polymer Networks	47.RD	CHE-0415553	76,789
Semiclassical dynamics and description of interference and nonadiabatic effect in mixed representation	47.RD	CHE-0516889	94,057
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Bacterial Chemical Communication	47.RD	CHE-0526821	134,017
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Bacterial Chemical Communication	47.RD	CHE-0526821	59,927

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
University of South Carolina Research Foundation, continued			
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	64,074
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	45,329
CRC: Characterization of Changes in Molecular Structure and Activity of Autoinducer Molecules Relevant to Cacterial Chemical Communication	47.RD	CHE-0526821	1,604
Conformationally Programmable Molecular Receptor	47.RD	CHE-0616442	112,482
REU Site: Materials Research in Chemical Engineering	47.RD	DMR-0353840	50,814
Synthesis of New Platinum Group Metal Oxides	47.RD	DMR-0450103	121,033
Stochastic Models and Inference for the Reliability of Complex System	47.RD	DMS-0243594	17,012
Combinatorics with Applications	47.RD	DMS-0302307	21,405
Lattice Points, the Gauss Circle, the Riemann Zeta-Function	47.RD	DMS-0303132	10,865
Vector-Valued Analysis and Geometry of Banach Space	47.RD	DMS-0306750	11,233
Theory and Applications of Multigrid	47.RD	DMS-0311790	19,953
Modular Forms and Number Theory	47.RD	DMS-0600400	29,538
Vector-valued Analysis with a Flair from the Geometry of Banach Space	47.RD	DMS-0600888	32,006
Some Problems on Analyses and Applications of Centroidal Vorono	47.RD	DMS-0609575	33,367
Topics in Banach Space Theory	47.RD	DMS-0701552	7,973
FRG: Collaborative Research: Algorithms for Sparse Data Representation	47.RD	DMS-354707	48,386
External and Probabilistic Combinatorics	47.RD	NSF	2,697
Study of the Nucleon Using Polarized Photon Beams and Polarized Target	47.RD	PHY-0244780	46,076
Study of Nuclear Physics with Intermediate Energy Probe	47.RD	PHY-0244982	59,444
Theoretical Studies of Hadronic and Nuclear Dynamic	47.RD	PHY-0457014	119,309
Nex Generation Double-Beta Experiments: CUORE/CUORICINO and Majoran	47.RD	PHY-0500337	227,650
The Study of Nuclear Physics with intermediate Energy Probe	47.RD	PHY-0555604	203,098
The Study of Nuclear Physics with intermediate Energy Probes-REU Supplemen	47.RD	PHY-0555604	1,250
Coodination of the Centers for Ocean Sciences Education Excellence (COSEE)			
Network Evaluation	47.RD	03-2005	50,057
In Search of Past Analogs to the Current Interglacial: MIS 11 Climate Record	47.RD	0602309	6,806
IRIS Fissures Development Center	47.RD	313	29
Biocomplexity of Marine Stromatolites: Biogeochemical Cycling, Microbia			
Population Dynamics and Mineral Formation in a Three Billion Year Old Ecosystem	47.RD	662399	15,875
Collaborative Research: Culturing Studies of Environmental Controls on Benthic			
Foraminiferal Shell Chemistry	47.RD	A100405	27,378
Timing and Magnitude of Climate Change Across the Eocene-Oligocene Transition			
Northern Great Plains, USA	47.RD	ATM-0400532	58,805
Collaborative Research: Holocene Climatic Changes in the Mongolian Plateau	47.RD	ATM-0402341	56,962
Evolution of Atmospheric Circulation Patterns over Continental Interior Asia			
during the Past 1.4Ma from Millennial-Scale Carbonate-Based Proxy Records	47.RD	ATM-04042351	64,242
from Lake Hovsgol, Mongolia			
Atlantic Basin Tropical Cyclone Reconstructions for the Late Eighteenth and			
Early Nineteenth Centruies	47.RD	ATM-0502105	62,556
Acquisition of a Quadrupole ICP Mass Spectrometer for the Department of			
Geological Sciences and Marine Science Program at the University of South Carolin	47.RD	EAR-0236481	21,956
Collaborative Research: Discrete vs. Continuous Continental Deformation			
and the Role of the Lower Crust in the Tien Shan	47.RD	EAR-0310116	566,450
Origin and Crustal Expression of Active Lithospheric Delamination in the			
Vrancea Zone, Romania: Project DRACULA	47.RD	EAR-0310118	13,886
ITR: Collaborative Research: Enhancing Education through Seamless Access to			
Seismological Data	47.RD	EAR-0312511	75,507
Collaborative Research: Acquisition of a Dual, Complementary Ground Penetrating			
Radar System for Beoscience Research and Teaching in South Carolina	47.RD	EAR-0323293	613
Receiver Reference Models: A Prototype for Automated Productions of			
EarthScope/USArray Data Products	47.RD	EAR-0346113	72,035
Extensional unroofing of the Central Menderes Metamorphic Complex			
Southwestern Turkey	47.RD	EAR-0439730	9,324
Timing, Conditions, and Rates of Thrust Transport in the Nepalese Himalay	47.RD	EAR-0439733	44,687
Collaborative Research: Lithospheric Foundering Beneath the Sierra Nevad	47.RD	EAR-0454524	86,575
Testing Paleozoic vs. Cenozoic metamorphism in the Greater Himalaya, Nep	47.RD	EAR-0509833	11,700
Collaborative Research: Evaluating the Competing Roles of Garnet and Fluid in			
Controlling U-Th Disequilibria in Lavas of the Aleutian Island Ar	47.RD	EAR-0509922	63,632
ScienceQuest: A South Carolina Geoscience Initiative	47.RD	EAR-0543954	26,263
IRIS FISSURES Development Center	47.RD	EAR-0552316	30,000
Rainfall-driven Intertidal Zone Carbon Cycling	47.RD	NSF/USCRF	17,256

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
University of South Carolina Research Foundation, continued			
Career: Experimental and Numerical Modeling of Flow and Morphology Associated with Meandering Submarine Channels	47.RD	OCE-0134167	63,611
Collaborative Research: Chemistry of Groundwater Transport Pathways Associated with a Coastal Lagoon System	47.RD	OCE-0233657	14,192
Collaborative Research: Influences of Cyclonic Eddy Activity on Planktonic Food Web Dynamics and Carbon Export in the Lee of Hawai	47.RD	OCE-0241645	2,996
Collaborative Research: Primitive Magmatism and Crustal Genesis in an Island Arc Climate Change and Latitudinal Patterns of Body Temperature in Rocky Intertidal Invertebrates	47.RD	OCE-0242585	9,040
REU Supplement : Climate Change and Latitudinal Patterns of Body Temperature in Rocky Intertidal	47.RD	OCE-0323364	4,015
Collaborative Research: Hydrothermal System Response to Magma Supply and Crustal Thickness Gradients Along the Galapagos Spreading Center, 89.5-94W	47.RD	OCE-0323364	5,536
Origins and Spread of the Aspergillus-Gorgonian Coral Epizootic: Role of Climate and Environmental Facilitators	47.RD	OCE-0326148	7,075
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program	47.RD	OCE-0326269	8,065
Development of a Pump Array for the Two Dimensional Mapping of Chemical Constituents in the Upper Water Column	47.RD	OCE-0326313	195,965
Decadal to Century-Scale Climate Variability During the Holocene: Paired Mg/Ca and Oxygen Isotope Records from Cariaco and Santa Barbara Basin	47.RD	OCE-0327294	314
Future Applications of the 234th in Aquatic Ecosystems	47.RD	OCE-03515234	88,975
Collaborative Research: Observation and Modeling of Inner Shelf Sediment Dynamics and Large-Scale Sorting: Cross- Shelf or Alongshelf Transport	47.RD	OCE-0354757	8,458
Collaborative Research: Anatomy of an Overlapping Spreading Center; Geochemistry and Geological Study of the EPR 9A 03°N OSC	47.RD	OCE-0451989	84,002
Collaborative Research: Examining redox-sensitive phosphorus speciation and remineralization using X-ray and NMR Spectroscopic method	47.RD	OCE-0525872	10,186
Collaborative Research: Determining the Elemental Composition of Natural Plankton Cells in the Eastern Equatorial Pacific Using Synchrotron X-Ray Fluorescence Microscopy	47.RD	OCE-0526309	123,200
Oceanic Applications of Laser induced Breakdown Spectroscopy: Laboratory Validation	47.RD	OCE-0527062	19,233
Collaborative Research: Regional Ocean-Benthic Observatory and Technology Testbed on the Mid Shelf--Understanding Processes	47.RD	OCE-0527910	53,821
Collaborative Research: Establishment of a Climate Type-Section for the Tropical Atlantic From Cariaco Basin Sediments	47.RD	OCE-0535893	8,768
SGER: Transient Shelf Response to the Hurricane Wilma's Impact	47.RD	OCE-0602316	55,407
SGER: Assessing the Extent and Volume of the 2006 Eruption of the East Pacific Rise	47.RD	OCE-0617130	25,752
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-0639601	15,022
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	10,657
Cooperative Proposal: Th(IV) and Pa(IV,V) Binding to Exopolymeric Acid Polysaccharides in Marine Environments	47.RD	OCE-0647891	42,128
GeoInformatics: CUAHSI Hydrologic Information System	47.RD	S050065	8,629
Complexity and Quantum Algorithms	47.RD	UTA07-290	4,800
REU Site: Multidisciplinary Research in Computing	47.RD	CCF-0515269	45,661
CAREER: Disruption Tolerant Routing in Wired and Wireless Networks	47.RD	CNS-0353637	54,761
CAREER: Power Aware Scheduling for Real-Time Embedded System	47.RD	CNS-0448272	71,399
Generic Experimental Networking Infrastructure for Research on Emerging Networks and Services	47.RD	CNS-0545913	62,135
Reu Site: Multidisciplinary Research in Computing	47.RD	CNS-0551650	83,340
CAREER: Semantic Web-Interoperation Versus Security	47.RD	CNS-0649105	23,897
Shape Exploration for Medical Applications---From Representation, Correspondence, Deformation to Image Segmentation	47.RD	IIS-0237782	73,456
Metal Uptake in Arabidopsis Thaliana and Rice	47.RD	IIS-0312861	113,451
Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas	47.RD	5-34175	68,494
The Grammar of Raising and Control	47.RD	5-37091	24,188
Herbarium Improvements for the University of South Carolina	47.RD	BCS-041899	1,156
A Genetic Stock Center for Peromyscus	47.RD	DBI-0346008	11,181
REU Site: Undergraduate Research in Integrative Evolutionary Biology	47.RD	DBI-0444165	148,384
Small RNAs in Rice and Maize	47.RD	DBI-0451403	103,144
	47.RD	DBI-0501760	271,879

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
University of South Carolina Research Foundation, continued			
Improving and Expanding Organic Carbon and Nitrogen Analyses at the Baruch Marine Field Laboratory	47.RD	DBI-0533504	3,779
CAREER: The Assessment of Extinction Risk from Deleterious Mutation, Habitat Fragmentation, and Environmental Change	47.RD	DEB-0238354	74,158
Patterns and Consequences of Fragrance Variation in <i>Oenothera Caespitosa</i>	47.RD	DEB-0317217	120,369
REU Supplement - Patterns and Consequences of Fragrance Variation in <i>Oenothera Caespitosa</i>	47.RD	DEB-0317217	1,875
Expression of Olfactory SNMPs in <i>Drosophila Melanogaster</i> and <i>Manduca Sexta</i>	47.RD	IBN-0212510	36,559
REU: Expression of Olfactory SNMPs in <i>Drosophila Melanogaster</i> and <i>Manduca Sexta</i>	47.RD	IBN-0212510	3,305
Collaborative Research: Reproductive Behavior and Immune Diseases	47.RD	IBN-0234510	34,304
CAREER: Colonizing Land Via the Estuarine Route: Ontogeny of Osmoregulation and Settlement Behaviors in Brackish Water Fidler Crabs	47.RD	IBN-0237484	57,812
LTREB: Long Term Studies of Salt Marsh Primary Production	47.RD	IBN-0316429	35,468
Homeostatic and Circadian Control of Energy Expenditure	47.RD	IBN-0343917	72,049
Collaborative Research: Reproductive Behavior and Immune Defense-Supplement	47.RD	IOB-0234510	473
Collaborative Research: Reproductive Behavior and Immune Defense RET Supplement	47.RD	IOB-0234510004	4,913
Collaborative Research: Detection, Perception and Utilization of Floral C02 by <i>Manduca Sexta</i>	47.RD	IOB-0444163	38,531
Characterization and Systemin-Responsive MAP Kinase Cascade	47.RD	ION-0321453	26,769
Diversity of Plant-Associated Diazotrophic Bacteria and their Distributions within Specific Vegetation Zones Along an Environmental Gradient	47.RD	MCB 0237854	104,241
Regulation of the SR160/TBR11 Kinase Domain by Systemin, Brassinolide and Ultraviolet-B Radiation	47.RD	MCB-0418890	111,755
Career: Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data	47.RD	MCB-0644195	49,208
Collaborative Research: MIP: Bacterial Interactions and Processes that Regulate Biodiversity on Marine Organic Particles	47.RD	MCB-0729594	9,409
Summer Research Institute in Experimental Psychology	47.RD	SES-0649249	38,343
Microbial Observatories: Anhydrophilic, Halotolerant Microbial Mats of San Salvador Island, Bahamas	47.RD	UNC537091	52,773
Collaborative Research: Extending a Multi-Country Database and Program of Research	47.RD	137349	11,923
Baseline Methods for Reconstructing United States 19th Century Climatic Extremes from Historical Data	47.RD	BCS-0349986	16,103
Climatic Influences on the Spatial and Temporal Variability of Aerosols over North America	47.RD	BCS-0351241	7,359
Doctoral Dissertation Research Improvement Grants: Continuity Hypotheses Revisited: English 12 Acquisition of Bulgarian Nominal Domain	47.RD	BCS-0446667	1,614
Collaborative Proposal: Tracking Hydraulic Mining Sediments from the Sierra Piedmont into Flood Bypasses of the Sacramento Valley, California	47.RD	BCS-0520933	32,355
Emotional Responses to Hurricane Katrina: Nature-Nature Influence	47.RD	BCS-0554924	65,886
Doctoral Dissertation Research: Climate Change Effects on U.S. Water Resources Management	47.RD	BCS-0703244	2,199
U.S.-Hungary Computer Network Research on Anonymous Accountable Self-Organizing Cooperation	47.RD	INT-0304904	5,118
Collaborative Research: Choosing Among Risk Alternatives: An Experimental Investigation of the Impact of Insurance Markets on Decision-Making Biases	47.RD	SES-0214290	5,759
Summer Research Institute in Experimental Psychology	47.RD	SES-0244632	17,525
NIRT: From Laboratory to Society: Developing an Informed Approach to Nanoscale Science and Technology	47.RD	SES-0304448	169,891
Collaborative Research: Impact of Legitimacy by Endorsement on Coalition Formation in Power Structures	47.RD	SES-0456064	41,629
A Worldwide Exploratory Inquiry into the Influence of Globalization on Cooperation	47.RD	SES-0525222	22,764
Nanotechnology in Society Network Node: Imaging, Scientific Change and Public Understanding of Emerging Nanotechnologies	47.RD	SES-0531160	102,753
Power and Perception in Networks	47.RD	SES-0551895	77,439
Doctoral Dissertation Research: The Role of Self-Evaluations in Legitimizing Social Inequality	47.RD	SES-0623109	5,970
Building an International Research Network: Graduate Student Involvement in a Worldwide Study of the Influence of Globalization on Cooperation	47.RD	SES-0652310	23,692
Doctoral Dissertation Research: Norm Conformity and Social Identity in Collective Action Groups	47.RD	SES-0703402	1,000
South Carolina Middle School Science and Mathematics Teacher Recruitment, Certification and Retention Program	47.RD	0202957	68,829

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation, continued</b>			
University of South Carolina Research Foundation, continued			
Life Science in Context: Sub-Saharan Africa	47.RD	09-05	3,767
Information Technology Research (ITR) Building the Tree of Life-A Nationa Resource for Phyloinformatics and Computational Phylogenetic	47.RD	650061-87C8	6,913
Peer Review as a Mechanism for both Curriculum Reform and Assessment	47.RD	DUE-0410992	34,224
CCLI: Effects of Timing, Content and Instruction on Students' Abilities to Solve Open-Ended Problems Using Computers	47.RD	DUE-0536660	56,023
Developing an Engineering Environment for Fostering Effective Critical Thinkin (EFFECT) Through Measurements	47.RD	DUE-0633635	40,989
CCLI: Novel instruction Material Development for Embedded System Education i Undergraduate Curriculum	47.RD	DUE-0633641	5,433
Continuous Renewal of Undergraduate Education Via an Interdisciplinary, Inquiry-Based Laboratory	47.RD	DUE-0633648	82,145
Project MET (Mathematics for Elementary Teachers	47.RD	DUE-0772590	3,306
Professional Development Threading Content, Pedagogy and Curriculum A Study of Classroom Impact	47.RD	ESI-0455811	85,332
The South East Alliance for Graduate Education and the Professoriate Deployment and Integration of Instructional Shake Tables Using the NEES	47.RD	UFO5037	140,649
Cyberinfrastructure	47.RD	WU-HT-07-16	10,000
Collaborative Research: Biogeochemical Cycling of Particulate and Dissolved Organic Matter in the Artic Ocean Using Molecular Markers	47.RD	OPP-0125301	32,611
Decadal to Centennial History of Lena River Discharge to the Artic Ocea	47.RD	OPP-0229737	2,247
US-Peru Collaborative Workshop in Nuclear Physics and its Applications	47.RD	OISE-0652360	24,808
EPSCoR 2020 Workshop	47.RD	0630747	34,368
Plum Island Ecosystems LTER	47.RD	24095	67,715
Modification of Lonomer Membrances to Improve Conductivity (STTR - Phase NSF REU Supplement to Existing Career Grant (MCB-0644195): Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Date	47.RD	ZDD/NSF	19,126
University of Tennessee			
Creation of a Web-Based MOE Design Studio for NIR Spectroscopy	47.RD	U OF TENNESSEE	7,145
University of Texas at Austin			
Digital Petrographic Microscope Image Generation and Catalogu	47.RD	UTA07-269	12,979
<b>Total National Science Foundation</b>			<u><b>10,015,884</b></u>
<b>US Department of Veterans Affairs</b>			
Identification and Rapid Dissemination of Successful System Projec	64.RD	544-C65222	2,469
<b>Total US Department of Veterans Affairs</b>			<u><b>2,469</b></u>
<b>Environmental Protection Agency</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Use of High-Resolution Spatial Mapping to Estimate Plankton Response to Freshwater Inflows Entering Galveston Bay: Importance to Watershe Development and Ecosystem Health	66.RD	S060050	10,556
Uranium Anomalies in Domestic Water Well	66.RD	CR-831434-010	3,996
Bayesian Methods for Regional Scale Stressor Response Models	66.RD	06-SC-EPA-1021	725
Mast Cell Mediated Cardiac Effects of Particulate Matter	66.RD	EPARD83195302	236,136
Biomarkers for the Association of Asthma, Atopy and Pre-and Perinatal Exposure to Halogenated Organic Compounds	66.RD	RD-83082502	218,451
ECKOHAB: Chemical Degradation Pathways for the Attenuation of Marine Biotoxin	66.RD	RD83104201	31,643
Chemical and Biological Behavior of Carbon Nanotubes in Estuarine Sedimentary System	66.RD	RD83171601	22,696
Chemical and Biological Behavior of Carbon Nanotubes in Estuarine Sedimentary System	66.RD	RD83171601	15,325
Model Selection and Multiplicity Adjustment for Benchmark Dose Analysis in Risk Assessment	66.RD	RD-83241901	37,102
Development of Receptor-to-Population Level Analytical Tools for Assessing	66.RD	RD-832737010	42,805
Development of Receptor-to-Population Level Analytical Tools for Assessing Endocrine Disruptor Exposure in Wastewater-Impacted Estuarine System	66.RD	RD83273701-0	8,729
EPA Fellowship Award	66.RD	MA-91653001	5,000
Linking Impacts of Climate Change to Carbon and Phosphorus Dynamics Along a Salinity Gradient in Tidal Marshes	66.RD	433-0111-7553	631
Demonstration of a Harpacticoid Copepod Development and Reproduction Test using Amphiascus Tenuiremis	66.RD	EP05W003502	29,720
An Integration of Copepod-Based BAF's	66.RD	GR-83221101	38,772
An Integration of Copepod-Based BAF's	66.RD	GR-83221101	61,489
Plastication and Compounding of Levan-SBIR Phase	66.RD	MONTANA POLYSAC	6,916
NCHRP 4-32: Performance and Quality Control of Corrugated Pipe Manufactured with Recycled Polyethylen	66.RD	TRI/ENVIRONMENT	12,522
<b>Total Environmental Protection Agency</b>			<u><b>783,214</b></u>



**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Energy</b>			
Experimental Particle Physics	81.RD	DEFG0295ER40910	503,028
Mathematical Model of a Lithium Carbon-Monofluoride Battery	81.RD	547584	12,345
Cultural Resource Management on the Savannah River Site	81.RD	DEFC0998SR18931	773,326
Savannah River Archaeological Research Program	81.RD	DEFC0998SR18931	5,659
FY 2004 38FK155 Mitigation - Savannah River Archaeological Research Program	81.RD	DEFC0998SR18931	22,850
Transport Behavior of Superconductors at High Dissipative Current		DEFG0299ER45763	111,279
Passed through programs from:			
Medical University of South Carolina			
Medical Surveillance Program-Former Production Workers-Phase II year	81.RD	DEFC0297SF21513	20,187
Availability of Poultry Manure in South Carolina as a Potential Bio-Feedstock for Energy Generation	81.RD	20609	3,597
South Carolina Universities Research and Education Foundation			
Comparison of Decoupled and Coupled Analyses of Hydrogen Transport in Fracture Specimens	81.RD	WEST 121	18,558
Synthesis and Spectroscopic Investigations of Novel Hydrogen Storage Material	81.RD	WEST127/SC0202	4,728
Differentiation of Uranyl Ion Complexes Utilizing Surface-Enhanced Vibrational Spectroscopy	81.RD	WEST130/SC0207	10,476
Undergraduate Research Program: A Collaborative Effort between the SRS and USC Aiken	81.RD	DOES012	7,050
Professorship in Nuclear Production of Hydrogen and Hydrogen Storage and Infrastructure Development	81.RD	NEID-008	18,652
Trace Analysis of Uranyl Compounds Utilizing Aligned Nanorod SERS Substrate	81.RD	TO113	6,972
South Carolina Seismic Monitoring Network SURA/Jefferson Lab	81.RD	WEST089	102,198
Salary Supplement for a Postdoctoral Fellow in a Joint Scientific Exchange Program Between USC and the Thomas Jefferson National Accelerator Facility	81.RD	PO#04P1719	3,388
University of South Carolina Research Foundation			
Subcontract to Clemson University's Department of Energy Radiochemistry Education Award Program Proposal	81.RD	979755822320949	21,283
Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic Synergism and Interface Activity	81.RD	DEFG0200ER14980	68,170
Metal Segregated Cluster Complexes: Organometallic Models for Bimetallic Synergism and Interface Activity	81.RD	DEFG0200ER14980	106,889
Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL	81.RD	DEFG0203ER46043	61,942
Understanding Long-Term Solute Transport in Sedimentary Basins: Simulation of Brine Migration in the Alberta Basin, Canada	81.RD	DEFG0204ER15515	49,921
Structural Investigations of Complex Oxides Using Synchrotron Radiation	81.RD	DEFG0204ER46122	72,528
Uranium Anomalies in Domestic Water Wells of the Coastal Plain	81.RD	DEFG0204ER63840	11,899
Analysis and Development of a Robust Fuel for Gas-Cooled Fast Reactor	81.RD	DEFG0206ER46270	208,248
Integrated Hydrogeophysical and Hydrogeologic Driven Parameter Upscaling for Dual-Domain Transport Modeling	81.RD	DEFG0206ER64210	34,552
Integrated Hydrogeophysical and Hydrogeologic Driven Parameter Upscaling for Dual-Domain Transport Modeling	81.RD	DEFG0206ER64210	94,825
SBIR Phase II: Novel, Low-cost, Non-contact, High Accuracy Sensor for Simultaneous, Reliable, Real-time Determination and monitoring of HV Transmission Line Sag, Temperature, Current and Ampacity			
Atomic-Scale Design of a New Class of Alloy Water-Gas-Shift Catalysts With Improved Sulfur Resistance-USC Subcontract	81.RD	PROMETHEAN DEVI R172126	12,672
Mercury Speciation in Coal Fired Power Plant Flue Gas-Experimental Studies and Model Development	81.RD	402780	32,688
A-01 and H-02 Wetland Organic Matter/Toxicity Study	81.RD	RR2676553501868	29,445
Regulatory Role of Aintegumenta in Organ Initiation and Growth	81.RD	DEF0298ER20312	80
Regulatory Role of Aintegumenta in Organ Initiation and Growth	81.RD	DEF0298ER20312	64,713
An Innovative High Thermal Conductivity Fuel Design	81.RD	DEF0298ER20312	26,675
Advanced TRISO Fuels with Zirconium Carbide for Very High Temperature Reactors	81.RD	DEFG0704ID14597	4,530
Raman Waveguide Studies	81.RD	DEFG0707ID14774	7,081
High Performance Electrolyzers for Hybrid Thermochemical Cycle	81.RD	B526537	3,622
Modeling of a CFx Battery	81.RD	DEFC0706ID14752	151,494
Alternative Thermochemical Cycles for Producing Hydrogen-Electrodialysis	81.RD	662994	13,191
University of South Carolina Fuel Cell Design Project - Management	81.RD	6F-01124	82,662
University of South Carolina Fuel Cell Design Project - Project 2: Catalyst Studies	81.RD	DEFG3606G086041	19,583
University of South Carolina Fuel Cell Design Project - Project 3: H2 Quality	81.RD	DEFG3606G086041	115,638
University of South Carolina Fuel Cell Design Project - Project 5: High Temp Membrane	81.RD	DEFG3606G086041	6,439
Sandia Membrane Testing at USC	81.RD	DEFG3606G086041	26,973
Durability Study of SOFC Cathodes in the Presence of Metallic Interconnects	81.RD	PO#450136	8,218
Consortium Project #17: Internet University Reactor Experiments for Education in Nuclear Engineering and Research in Science	81.RD	PO#700156137	9,316
Alternate Thermochemical Cycles for Producing Hydrogen	81.RD	2202139103	462,797
Detection of Gases Using Fiber-optic Raman Spectroscopy	81.RD	6F-00191	27,387
Novel Non-Precious Metal Catalyst for PEMFC: Catalyst Selection Through Molecular Modeling and Durability	81.RD	B560876	22,170
Clean Energy Research	81.RD	DEFC3603G013108	329,426
Implementation of the Polarized HD Target at the Thomas Jefferson National Accelerator Facility	81.RD	DEFC3604G014232	867,576
	81.RD	DEFG0202ER45959	34,606

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Energy, continued</b>			
University of South Carolina Research Foundation, continued			
Center for Water Research and Policy: Task 8	81.RD	DEFG0297EW09999	15,961
Center for Water Research and Policy	81.RD	DEFG0997EW09999	5,664
New Adsorption Cycles for Carbon Dioxide Concentration and Capture	81.RD	DEFG2-05NT42545	56,322
Digital Image Correlation-Uncertainty Quantification	81.RD	PO#551836	29,344
Joint USC-Savannah River Ecology Laboratory Faculty	81.RD	RR2675555824457	47,873
Savannah River Ecology Laboratory Program	81.RD	RR2676559821597	15,243
<b>Total US Department of Energy</b>			<u><b>4,883,939</b></u>
<b>Federal Emergency Management Agency</b>			
Passed through programs from:			
South Carolina Emergency Management Division			
SC Hazards Assessment Geo Information Support	83.RD	EMA20035341	17,567
<b>Total Federal Emergency Management Agency</b>			<u><b>17,567</b></u>
<b>US Department of Education</b>			
Academic Competiveness Grant (ACG)	84.RD	P375A063261	11,960
Academic Competiveness Grant (ACG)	84.RD	P375A063261	9,607
Academic Competiveness Grant (ACG)	84.RD	P375A063261	3,000
Academic Competiveness Grant (ACG)	84.RD	P375A063261	6,000
Passed through programs from:			
South Carolina Department of Education			
Evaluation of the Special Education State Improvement Grant Implementation	84.RD	07CB306-01	86,893
Reading First Evaluation	84.RD	R23323	129,545
Reading First Evaluation	84.RD	R23323	139,317
SCRF School Progress and Interventions	84.RD	06RC308-04	8,988
Technical Assistance to AARDL Projec	84.RD	SC DEPT EDU	1,750
Evaluation of the SC Department of Education's Teen LEAD Initiativ	84.RD	SC DEPT EDU	64,537
University of South Carolina Research Foundation			
Center for International Business Education and Research (CIBER)	84.RD	P220A020024-05	92,765
Center for International Business Education and Research	84.RD	P220A060013	284,864
Establishing the 3 Rs	84.RD	2003-03044-1	4,749
Development of the IEP Quality Scale. Subcontract with the University of Illinois. Application to the Institute o			
Education Sciences Special Education Research on Individual Education Programs (CFDA Number 84.324	84.RD	2006-02480-01	73,836
Development and Validation of Behavioral Screeners for Early Identification and Intervention in Elementary Scho	84.RD	RR2440719822747	31,254
<b>Total US Department of Education</b>			<u><b>949,065</b></u>
<b>National Archives and Records Administration</b>			
Passed through programs from:			
South Carolina Archives and History Center			
SC Historical Record Regrant Program 2005	89.RD	SC ARCHIVES	522
<b>Total National Archives and Records Administration</b>			<u><b>522</b></u>
<b>US Department of Health and Human Services</b>			
Mechanisms of Asbestos-Induced Clca 1 and Mucin in Lung Epithelium	93.RD	8-KES014742A	14,965
Health Promotion/Risk Reduction in Special Populations - Peer Support Specialist	93.RD	8-P0NR05042A	128
Health Promotion/Risk Reduction in Special Populations	93.RD	8-P0NR05042A	998
Automation of Institutional Human Subject Protection	93.RD	8-SRR018251B	102,304
Tissue Engineered Artificial Myocardium	93.RD	8-K5HL67097A	11,627
Role of Adams in Heart Myocyte Developmen	93.RD	8-R1HL65441A	32,512
Trial of Activity for Adolescent Girls - Field Cente	93.RD	8-U1HL66852A	218,333
Trial of Activity for Adolescent Girls (minority supplement	93.RD	8-U1HL66852A	7,131
New Strategies for Improved Imprinted Polymer	93.RD	8-R1GM62593A	122,462
L-Selectin and Testicular Cell Interactions	93.RD	8-R1HD37280A	19,808
Active for Life Data Analysis	93.RD	200-2005-M13266	3
Passed through programs from:			
Medical University of South Carolina			
Oral Cancer Prevention and Contraol: Statewide Perspective	93.RD	H75/CCH42453201	61,734
The Role of the Extracellular Matrix in Cardiomyocyte Proliferation	93.RD	1-P20RR1643401	83
Non-Canonical WNT Signal Transduction and Cardiogenesis	93.RD	1R01HL073190-01	12,644
Office of Lieutenant Governor			
Systems Transformation Grant SFY 2007 Evaluation	93.RD	7USCST	57,596
Evaluation of "Empowering Older People to Take More Control of their Health Through Evidence-Base			
Prevention Programs: "A Public/Private Collaboration	93.RD	LIEUTENANT GOV	16,350
Evaluation of ADRC Expansion Grant: Building Upon Success	93.RD	ADXU07	1,029
Office of the Governor			
Evaluation of the State Incentive Grants for Treatment of Persons with Co-Occurring Substance Related and Mental Disorder	93.RD	OFF OF GOVERNOR	41,050
Palmetto Richland Memorial Hospital			
Teleconference Group: Breast Cancer in African Americans-Palmetto Health South Carolina Cancer Center and USC			
School of Medicine, Department of Neuropsychiatry	93.RD	5R01CA107305-02	14,162

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Health and Human Services, continued</b>			
RTI International			
Enhancing TB Programs' Capacity for Self-Evaluation; Testing New Tools and Developing an Evaluation Toolk	93.RD	2-312-0208264	15,196
South Carolina Department of Education			
Continuation for the State Improvement Grant Evaluation	93.RD	SC DEPT EDU	63
South Carolina Department of Health and Environmental Control			
Part D: The Traumatic Brain Injury Service Linkage Program Planning & Evaluation Assistance	93.RD	PO#622458	14,506
Evaluate the Cost Effectiveness of Strengths Based Management to Link Human Immunodeficiency Virus (HIV infected Participants to Clinical Care in South Carolina	93.RD	PO#619370	1,105
Contract Between SC Department of Health and Environmental Control, Bureau of Disease Control and th University of South Carolina, School of Public Health, Department of Health Services Policy and Managemen	93.RD	PO#647152	63,002
Get Smart: Know When Antibiotics Work on the Farm	93.RD	PO#659766	7,378
Rural Expansion of Medically Fragile Children's Program: Technical Assistance Subcontract with CHCS Gran	93.RD	A61359A	9,656
Evaluation of SC Access Plus Pilot Program	93.RD	A61395A	31,693
Pregnancy Risk Assessment Monitoring Systems	93.RD	PO# 406087	14,355
Behavioral Risk Factor Surveillance System	93.RD	PO#563420	305,392
Pregnancy Risk Assessment Monitoring System	93.RD	PO#674647	1,440
Alzheimer's Disease Registry Management, Training and Development Related to Dement	93.RD	A70088A	696,463
Evaluation of the South Carolina Medicaid Family Planning Waive	93.RD	A7096RA	37,651
Evaluation of a Medication Adherence Management Service in the South Carolina Community Long Term Car Elderly/Disabled Waiver Program	93.RD	A71504A	195,832
SCDHHS Medicaid Eligibility Quality Improvement 2007-2008 Contrac	93.RD	SC DHHS	491
SCDHHS PERM FY2007 Contract	93.RD	A81553A	209,675
Purchase and Provision of Independent Program Evaluations and Technical Assistance and Consultation Efforts with Medically Complex Medicaid Recipients	93.RD	SCDHHS	1,377,111
South Carolina Department of Mental Health			
Process Evaluation of the South Carolina Violence Prevention Collaborative Projec	93.RD	1-H79SM5580301	31,672
South Carolina Sea Grant Consortium			
Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful Algal Blooms, and Marine Toxin	93.RD	CD06	65,321
Expanding Existing Surveillance Systems to Include Pfiesteria, Other Harmful algal Blooms, and Marine Toxin	93.RD	V4C6	98,469
University of Notre Dame			
Precursors of Retardation in Children with Teen Mothers	93.RD	2R01HD2645606A1	4,423
University of South Carolina Research Foundation			
Evaluation and Capacity Building Contract	93.RD	SCCFF/HHS	27,598
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS-Research Cor	93.RD	1P20MD001770-01	54
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS Research Education and Training Core	93.RD	1P20MD001770-01	237
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS - (Research Core	93.RD	1P20MD001770-01	11,534
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS - Administrative Cor	93.RD	1P20MD001770-01	131
EXPORT Center for Partnerships to Eliminate Health Disparities in Cancer and HIV/AIDS Community Partnerships and Outreach Core	93.RD	1P20MD001770-01	32,070
Maternal Sexual Infections and Adverse Child Outcome	93.RD	R40MC06636	111,358
Mitochondrial Anti-Oxidant Factors and Redox Status	93.RD	1K22ES01378001	110,311
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	1R01ES012895-01	107,562
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	1R01ES012895-01	97,208
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	1R01ES012895-01	173,298
Phytoremediation of Toxic Wastes	93.RD	223837	34,589
Effect of TCDD-induced apoptosis on T cells	93.RD	7R01ES009098-07	197,449
Mitochondrial Myopathy and Siderblastic Anemia	93.RD	PO#400955	19,613
Ambient Particulate Matters Poison Cardiac Ion Channels	93.RD	1R21ES01339101	3,478
Ambient Particulate Matters Poison Cardiac Ion Channels	93.RD	1R21ES01339102	82,307
Novel Accelerated in Vitro Breeding for Phytoremediation-Phase II STTR	93.RD	SOUTHERN SUN BI	146,754
Tissue Engineering of Skeletal Muscle	93.RD	F5603-02	23,137
Informed Decision Making for Prostate Cancer(SIP 16-04 continued subcontract with the University o Texas Houston, year 2)	93.RD	0004452B	31,949
Informed Decision Making for Prostate Cancer (SIP 21-04 continued subcontract with the University o Texas-Houston, year 3)	93.RD	0004452B	89,759
Development of a National Strategic Plan for Physical Activity	93.RD	3U48DP000051-03	8,742
SIPS8: PAAT: Refinement, Validation, Feasibility	93.RD	5U48DP000047-02	28,775
Health Promotion and Disease Prevention Research Centers (Core	93.RD	5U48DP000051-02	158,020
Physical Activity Training for Health Professionals (Core Supplement	93.RD	5U48DP000051-02	89,194
SIP5-04: Physical Activity Policy Research Network	93.RD	5U48DP000051-02	21,874
SIP 13-04: Prevention Research Center's Healthy Aging Network	93.RD	5U48DP000051-02	14,327
Community-Based Approaches to Dementia Prevention (Supplement to SIP 13-04	93.RD	5U48DP000051-02	43,757
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP000051-03	561,992
Physical Activity Training for Public Health Professionals	93.RD	5U48DP000051-03	60,438
The Healthy Aging Research Network - SIP 13-04	93.RD	5U48DP000051-03	36,298
Physical Activity Policy Research Network - SIP 5-04	93.RD	5U48DP000051-03	30,196

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Health and Human Services, continued</b>			
University of South Carolina Research Foundation, continued			
SIP 8-06: Prevention Research to Promote and Protect Brain Health	93.RD	5U48DP000051-03	127,989
Fathers and Risk for Physical Child Maltreatment: Prevention Pathways	93.RD	34657	24,107
Population-Based System of Positive Parenting	93.RD	5R17CE422317-05	693,763
Population-Based System of Positive Parenting	93.RD	5R17CE422317-05	236,696
Population-Based System of Parenting Interventions	93.RD	U17/CCU42231704	77,987
Population-Based System of Positive Parenting	93.RD	U17CCU422317-04	322,183
Institute for Partnerships to Eliminate Health Disparities	93.RD	1CPIMP051005-01	118,748
South Carolina Rural Health Research Center	93.RD	5U1CRH037110200	74,375
Rural Health Research Grant Program Cooperative Agreements	93.RD	5U1CRH037110300	427,460
Neural Predictors of Anomia Recovery in Aphasia	93.RD	1R01DC00835501A	61,982
Spectro-temporal Processing of Speech by Normal and Impaired Listener	93.RD	1R01DC008594-01	21,060
Neurological Predictors of Aphasia Recovery	93.RD	8-R3DC00591502	16,778
Efficacy of Laryngeal High-Speed Videendoscopy	93.RD	NATL INST DEAFN	109,650
Preventing Risks of Long Sleep	93.RD	8-R1HL07156001	67,755
A Group-Based Method for Analyzing Development	93.RD	109008-148980	17,951
Natural Experiment in Deviant Peer Exposure and Youth Recidivism	93.RD	1R03MH075808-01	43,099
Lentiviral Vectors for Targeted Manipulation of Amygdalar Gene Expression	93.RD	1R21MH076909-01	79,847
Stress Allostasis: CRF, Serotonin and the BNST	93.RD	5-28290-G1	17,698
Exploring Diabetes and Depression in Youth	93.RD	5R01MH068126-04	152,152
A Multilevel HIV Prevention Strategy for High Risk Youth	93.RD	5U01MH066802-02	24,289
A Multilevel HIV-Prevention Strategy for High-Risk Youth	93.RD	5U01MH066802-03	315,838
Risk Reduction via Promotion of Youth Development	93.RD	8-R1MH054171	758,213
Amygdalar Neuropeptides and Anxiety	93.RD	8-R1MH63344A	184,913
Alcohol Exposure, Social Behavior and Development	93.RD	2R01AA011566-07	387,726
Alcohol Metabolism Genes in Transgenic Mice	93.RD	5R01AA011828-08	274,402
HIV/Cocaine Neurotoxicity in Females	93.RD	8-K2DA14401B	59,032
Prenatal IV nicotine: Long-term Vulnerability to Stimulant Drug	93.RD	1R01DA021287-01	407
Assessing Differential Effects of the Community Youth Development Study	93.RD	260768	13,180
Prenatal Cocaine Exposure and Attentional Dysfunction	93.RD	387116990	50,808
HIV/Cocaine Neurotoxicity in Females	93.RD	5R01DA013137-07	219,185
HIV/Cocaine Neurotoxicity in Females - Minority Supplement - Sheila Adam	93.RD	5R01DA013137-07	26,410
Cannabinoid-Induced Apoptosis in T Cell Regulation	93.RD	7R01DA016545-04	222,302
Neurodevelopmental Basis(es) of Nicotine Sensitization	93.RD	8-R1DA13712A	219,517
Housing, Adaptive Functioning, and Serious Mental Illness	93.RD	5K23MH06543903	137,915
An Efficacy Trial of Steps to Your Health for Adults with Learning Domain Disability	93.RD	1R01DD000111-01	143,283
Community-Based Participatory Prevention Research	93.RD	9-0CCR421479	20,988
Epidemiology of ADHD in Young Children	93.RD	9-0CCU422316	25,552
Processing the Materials for Improved Biocompatibility	93.RD	8-R1EB00552A	14,344
EXPORT Community Partnerships and Outreach Core - Carryover of funds from year one account 22080-FA0	93.RD	1P20MD001770-01	180,900
EXPORT - Year 2 - Research Core	93.RD	5P20MD001770-02	140,854
EXPORT - Year 2 - Research Education and Training Core	93.RD	5P20MD001770-02	259,438
EXPORT - Year 2 - Research Core	93.RD	5P20MD001770-02	319,958
EXPORT - Year 2 - Administrative Core	93.RD	5P20MD001770-02	526,119
EXPORT - Year 2 - Community Partnerships and Outreach Core	93.RD	5P20MD001770-02	95,316
EXPORT - Year 3 - Administrative Core	93.RD	5P20MD001770-2	5,164
Social Support for Mothers of Mentally Ill Children	93.RD	5R01NR008580-03	189,497
Telephone Peer Counseling for Rural Women with HIV	93.RD	8-R1NR04956A	329,058
A 3-D Model System to Study Cardiac Valve Formation	93.RD	5R21HL080294-02	112,722
Estrogen, Gene Expression, and Gonadal Development	93.RD	P20MD00233-04	34,333
Role of Estrogen in Luteal Function	93.RD	P20MD00233-04	28,810
Estrogen, Gene Expression, and Gonadal Development	93.RD	P20MD00233-05	66,956
Role of Estrogen in Luteal Function	93.RD	P20MD00233-05	64,168
South Carolina's Center for Clinical and Translational Research: Planning Phase	93.RD	1P20RR023476-01	71,679
Administrative Core (COBRE)	93.RD	1P20RR1643401	2,716
Center for Colon Cancer Research/Administrative Core	93.RD	1-P20RR1769801	842,571
COBRE: APC and Mitosis: A Role for Cytoplasmic Dynein	93.RD	1-P20RR1769801	119,776
COBRE: Thymineless Death and Genome Stability	93.RD	1-P20RR1769801	105,599
COBRE: Adjuvant Nutrition and Chemotherapeutic Response	93.RD	1-P20RR1769801	128,135
COBRE: Physical Activity, Energy Balance, and Colon Cancer Risk	93.RD	1-P20RR1769801	172,485
COBRE: Mouse Core Facility	93.RD	1-P20RR1769801	191,240
COBRE: Histology/Imaging Core Facility	93.RD	1-P20RR1769801	144,918
COBRE: Pathology Core Facility	93.RD	1-P20RR1769801	73,751
COBRE: Biometry Core Facility	93.RD	1-P20RR1769801	1,990
COBRE: Renovation Care	93.RD	1-P20RR1769801	530
South Carolina COBRE for Developmentally Based Cardiovascular Diseases - Administrative Core	93.RD	2P20RR016434-06	46,820

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Health and Human Services, continued</b>			
University of South Carolina Research Foundation, continued			
South Carolina COBRE for Developmentally Based Cardiovascular Diseases - Molecular Imaging and Instrumentation Core	93.RD	2P20RR016434-06	30,966
Immobilized Iron Porphyrins in Catalytic Peroxynitrite Decomposition	93.RD	2P20RR16461	40
INBRE USC School of Medicine	93.RD	2P20RR16461-05	9,719
INBRE Administrative Core	93.RD	2P20RR16461-05	47,607
INBRE Outreach Core	93.RD	2P20RR16461-05	29,552
INBRE Bioinformatics	93.RD	2P20RR16461-05	17,665
Peromyscus Laboratory Animals for Biomedical Research	93.RD	2P40RR014279-07	137,718
South Carolina COBRE for Developmentally Based Cardiovascular Diseases - Proteomics Facility Pilot Project	93.RD	2PORR016434-06	21,877
The Effect of Plasmid DNA Shape on Binding to Protein-Sized Inorganic Substrate	93.RD	5P20RR016434-05	1,999
INBRE (Year 2) - COEIT	93.RD	5P20RR016461-06	50,000
INBRE (Year 2)-Outreach - Mentored Research Activities	93.RD	5P20RR016461-06	109,077
INBRE (Year 2) - USC School of Medicine	93.RD	5P20RR016461-06	20,565
INBRE (Year 2) The Role of Galectin-3 in Macrophage-Gonadal Cell Interaction	93.RD	5P20RR016461-06	117,384
INBRE (Year 2) - Administrative Core	93.RD	5P20RR016461-06	49,944
INBRE (Year 2) - Outreach	93.RD	5P20RR016461-06	295,098
INBRE (Year 2) - Bioinformatics	93.RD	5P20RR016461-06	103,001
Physical Activity and Intestinal Polyp Formation	93.RD	5P20RR017698-04	137,967
Peromyscus Laboratory Animals for Biomedical Research	93.RD	5P20RR017698-04	113,860
The Role of MYC in Regulating Angiogenesis during Tumorigenesis and Development	93.RD	5F40RR014279-08	27,608
COBRE: Administrative Core	93.RD	8-PORR016434	15,890
INBRE (Year 3) - Administrative Core	93.RD	NCCR/NIH	273
Analysis of Ribozyme Targets within the HIV-1-Genome	93.RD	NCCR/NIH	6,036
Thymineless Stress, DNA Repair and Recombination	93.RD	8-R1GM66678A	6,367
Methods for Improved Diet and Exercise Measurements	93.RD	1R01CA10045001A	46,619
Evaluation and Development of Cancer Cluster Diagnostic	93.RD	1R01CA114579	8,936
A Pilot Investigation of Ethnic Disparities in Patient-Initiated Premature Treatment Discontinuation Among Colon Cancer Patients	93.RD	1R03CA125828-01	38,931
A Population-Based HPV Survey of Women in South Carolina	93.RD	1R03CA128470-01	16,289
Cancer Prevention by West African Medicinal Plants	93.RD	1R15CA125600-01	7,327
GEO-Visual and Analytical Analysis of Cancer Data	93.RD	1R21CA10713801	110,558
Selective Induction of Estrogen Conjugative Metabolism	93.RD	3064USCDHHS5949	8,244
Papillomavirus Conferences 2001-06	93.RD	8-R1CA092931	12,932
2-Methoxyestradiol and Hormonal Cancer	93.RD	8-R1CA094615	15,000
Thymineless Stress, DNA Repair and Recombination	93.RD	8-R1CA0971091A1	77,867
Effect of Dietary Components on DNA Repair	93.RD	8-R1CA100450	242,562
Singular Information for Cancer Cluster Detection	93.RD	8-R3CA097498	24
Cluster Detection Methodology for Small Area Cancer Data	93.RD	8-R3CA113143-01	26,058
Tests for Spatial Randomness in Cancer Maps	93.RD	8-R3CA113149-01	26,342
Children's Oncology Group/National Childhood Cancer Foundation	93.RD	USCRF/HARVARD U	38
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	12823	18,529
Thymidylate Synthase and Fluorodeoxyuridine Resistance-Supplemental Funding	93.RD	2R01CA076560-04	1,566
Thymidylate Synthase and Fluorodeoxyuridine Resistance	93.RD	3-R01CA04401316	29,414
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	8-R1CA44013E	58,543
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	8-RCA076560B	114,439
Thymidylate Synthases: Modes of Catalysis and Inhibition	93.RD	9-R1CA076560	33,180
HPIV16-Induced TGF-Beta Resistance in Human Keratinocyte	93.RD	8-R1CA89502A	174,056
Training of Claflin Minorities at the USC Cancer Center	93.RD	5P20CA09642703	31,289
Research Support Costs for Claflin College Masters Students	93.RD	5P20CA096427-03	114
The Role of CD44 Isoforms in Immunotherapy of Melanoma	93.RD	1K22CA10933401A	97,203
Gene-Nutrient Interactions and Breast Cancer	93.RD	7K07CA102640-04	114,896
Modeling Inter-Rater Agreement Using Mixed Model	93.RD	1R03CA114783-01	89,865
South Carolina Cancer Disparities Community Network (Armstead Supplement)	93.RD	3U01CA114601-02	82,429
South Carolina Cancer Disparities Community Networks: Research Supplements to Promote Diversity in Health-Related Research	93.RD	3U01CA11460102S	99,007
South Carolina Cancer Disparities Community Network: Research Supplement to Promote Minority Researchers (Elder)	93.RD	3U01CA114601-03	5,543
South Carolina Cancer Disparities Community Network: Research Supplement to Promote Diversity in Health - Related Research (Armstead)	93.RD	3U01CA114601-03	13,188
Tea Modulation of Colon Carcinogenesis	93.RD	5R01CA096694-04	43,434
Tea Modulation of Colon Carcinogenesis	93.RD	5R01CA096694-04	125,682
South Carolina Cancer Disparities Community Networks: (Noncompeting Renewal--Year 3)	93.RD	5U01CA114601-03	63,035
South Carolina Cancer Disparities Community Network	93.RD	5U01CA115601-02	451,617
Defining the Built Environment	93.RD	7R21CA121115102	190,682
New Statistical Models for Recurrent Event Data	93.RD	8-R1GM05618204	130,886
Gene Duplication Genome Evolution	93.RD	8-R3GM66710A	1,542
Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart	93.RD	1R01HL083441-01	78,111

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Health and Human Services, continued</b>			
University of South Carolina Research Foundation, continued			
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches	93.RD	1R01HL083858-01	465,030
Sexual Hormones, Cardiac Mast Cells and Cardioprotection (Minority Supplement)	93.RD	3R01HL073990-03	29,132
Community Characteristics and PA Among Adolescent Girl	93.RD	4039	12,125
HHER Lifestyle Program for CVD Risk Reduction	93.RD	5R01HL0730102	553,135
Role of Discoidin Domain Receptor 2 in Valvulogenesis	93.RD	5R01HL73937-02	295,539
Endothelial Cell Injury by Cytolytic Lymphocyte	93.RD	7R01HL058641-08	256,052
Cardiac Mast Cell: Role in Pathogenesis of Heart Failure	93.RD	7R01HL062228-06	463,147
Sexual Hormones, Cardiac Mast Cells and Cardioprotection	93.RD	7R01HL07399002	338,026
Children's Dietary Recalls: Methodology and Accuracy	93.RD	8-R01HL074358	100,951
Promotion of Physical Activity in High School Girls	93.RD	8-R1HL057775	113,750
Memory Errors in Children's Dietary Recalls	93.RD	8-R1HL07308	26,582
Memory Errors in Children's Dietary Recalls	93.RD	8-R1HL073081	50,225
Children's Dietary Recalls: Methodology and Accuracy	93.RD	8-R1HL074358	247,016
Ingegrin Shedding in the Heart: In vivo and in vitro	93.RD	8-R1HL68038A	21,828
Regulation of AV Canal Formation by the Jak-STAT Pathway	93.RD	8-R1HL7295801	281,265
Research Support Costs for Claflin College Master's Students	93.RD	8-R1HL732700A	139,116
Trial of Activity for Adolescent Girls - Minority Supplement (Year 2)	93.RD	8-R1HL66852A	13,875
Androgen Regulation of Skeletal Muscle Regeneration	93.RD	1R03AR05143401	57,052
Role of Matrix Vesicles in Calcification	93.RD	8-R1AR189832	239,507
Role of ASIC3 in the Etiology of Fibromyalgia	93.RD	W000057959	10,970
Treatment of Options for Type 2 Diabetes in Adolescents and Youth (TODAY)	93.RD	05-D16	1,819
Treatment of Options for Type 2 Diabetes	93.RD	06-D17	27,449
Diabetes Prevention Program Outcomes Study (DPPOS)	93.RD	06-N05	58,733
Spatial Epidemiology of Diabetes in the SEARCH for Diabetes in Youth Study	93.RD	1R01DK077131-01	56,919
Glycation of Protein in Diabetes	93.RD	5R37DK019971-30	191,002
Bridging Barriers to Diabetes Care With Telemedicine	93.RD	8-R1DK067312	218,933
Bridging Barriers to Diabetes Care with Telemedicine	93.RD	8-R1DK067312	301,322
Defining Deabetes in Youth: South Carolina Site	93.RD	FY05051002	10,515
Diabetes Prevention Program Outcomes Study (DPP OP)	93.RD	G WASHINGTON UN	15,928
Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY)	93.RD	G WASHINGTON UN	6,998
Improving Safety and Access for Physical Activit	93.RD	1R01DK067615-01	15,227
Nitric Oxide as a Target for Dietary Intervention in Colitis	93.RD	1R21DK071541-01	111,244
Nitric Oxide as a Target for Dietary Intervention in Colitis	93.RD	1R21DK071541-01	35,525
Look AHEAD	93.RD	W000057959	65,675
Beta-Adrenergic Relaxation of Urinary Bladder Smooth Muscle	93.RD	1K01DK07090901A	97,180
Look Ahead	93.RD	U01DK57136	6,454
The Role of Lis 1 in Axon Transport	93.RD	1F31NS056468-01	34,815
Hippocampal Insulin Signaling Deficits in Diabetic Rats	93.RD	1R01NS04772801	245,811
Dissociating Components of the Attentional Network in Neglec	93.RD	1R01NS054266-01	230,350
Injury-Induced Pain: Chemical Modulation of Nociception	93.RD	8604-70600-X	41,658
Synaptic Organization of the Basolateral Amygdala	93.RD	8-R1NS038998	266,114
Mechanisms of Perceptual Extinction Following Stroke	93.RD	8-R1NS04204701	98,000
Structural Determinants of GABA-A Receptor Function	93.RD	8-R1NS045950-01	91,113
Molecular and Genetic Epidemiology of Autism	93.RD	DS809	77,012
Role of CD44 in EC Injury and Melanoma Therapy	93.RD	5R01A1053703-05	303,879
Genetic & Epidemiologic Cohort Study on Asthma and Allergy	93.RD	61-0731SC	92,877
Cytotoxic Lymphocytes in Acute Lung Injury	93.RD	7R01AI058300-03	211,857
Spectroscopic and Mechanistic Studies of Heme Enzymes-NRSA Fellowship for Ryan Kinloc	93.RD	1F31GM076830-01	26,815
Phylogenetic Analysis with Complex Genome Rearrangement Event	93.RD	1R01GM078991-01	57,680
Phylogenetic Analysis with Complex Genome Rearrangement Event	93.RD	1R01GM078991-01	108,311
Haloacetamide Based Inactivators of Protein Arginine Deiminase	93.RD	1R01GM079357-01	117,353
South Carolina Initiative for Minority Student Development	93.RD	1R25GM076277-01	137,105
South Carolina Initiative for Minority Development	93.RD	1R25GM076277-02	29,015
Reactivity of Transient Cyt P450 Oxygen Intermediate	93.RD	2R01GM02673019	284,364
South Carolina Post-Baccalaureate Research Education	93.RD	5R25GM06652602	67,745
South Carolina Post-Baccalaureate Research Education	93.RD	5R26GM06652603	227,383
Racial Stress Coping Scale	93.RD	8-F1GM070069	31,860
Evolution of Immune Recognition and Evasion	93.RD	8-R01GM04394018	69,562
Evolution of Immune Recognition and Evasion	93.RD	8-R1GM04394016	112,206
Structure/Function of Terminal Complement Proteins	93.RD	8-R1GM42898C	170,589
Development of Peromyscus Genomic	93.RD	8-R1GM69601	264,092
Recombination in Higher Eukaryotes	93.RD	8-R1GM47110A	118,287
Role of Specific Proteins in Spermatogenesis	93.RD	8-R1HD010793	227,436
Infant Preferences for Familiar Stimul	93.RD	006-0058	5,764
Cortical Plasticity Following Hemispherectomy: The Effects of Interventio	93.RD	1713GGC130	67,386
The Development of Sustained Attention in Infants	93.RD	2R01HD018942-21	153,235

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Health and Human Services, continued</b>			
University of South Carolina Research Foundation, continued			
Physical Activity in Preschool Children	93.RD	3R01HD04312504	25,490
Research Supplement to Promote Diversity in Health-Related Research (Minority Supplement)	93.RD	3R01HD04569303S	27,331
Self-Determination for Increasing Physical Activity	93.RD	5R01HD04569302	531,943
Perinatal Research Society Annual Meeting	93.RD	7R13HD03624408	12,200
Physical Activity in Preschool Children	93.RD	8-R1HD043125	73,066
Maternal HIV: Developmental Neurotoxicity	93.RD	8-R1HD043680A	248,217
Development of Sustained Attention in Infants	93.RD	8-R1HD18942E	199,979
Media-Based Programming to Enhance Parenting	93.RD	8-R1HD426210	261,477
Physical Activity in Preschool Children - Supplement	93.RD	8-R1HD4312502	15,040
Mapping Tracking in Elementary Grade	93.RD	8-R1HD4561401	115,338
"Mapping" Tracking in Elementary Grade	93.RD	8-R1HD4561401	37,898
African Americans and HIV: Knowing Partner Risk	93.RD	T32152324	18,845
Examining Parameters of Constraint-Induced Therapy	93.RD	UF06038A	31,816
Factors Influencing Physical Activity in Older African American Me	93.RD	1R21AG028674-01	99,712
Xanthophyll-Mediated Retinal Drug Delivery	93.RD	7R03EY014842-03	35,764
Comparative Bioinformatics and Tp53 Expression	93.RD	1R01LM00862601A	1,570
Comparative Bioinformatics and Tp53 Expression	93.RD	1R01LM00862601A	364,262
Health Education Complex at USCS	93.RD	1C76HF034540100	71,204
SEARCH for Diabetes in Youth 2: South Carolina Center	93.RD	1U01DP000254-01	239,162
SEARCH for Diabetes in Youth 2: South Carolina Center	93.RD	5U01DP000254-02	475,640
Impact of HR-HPV Positivity on Women: Formative Researc	93.RD	S18972123	17,531
Impact of HR-HPV Positivity on Women: Formative Researc	93.RD	S18972123	49,979
Risk in Context: New Methodology for Modeling Risk by Context Interactions	93.RD	1R01HD054736-01	1,714
Longitudinal Follow-up of Youth with ADHD Identified in Community Setting	93.RD	200-2006-18949	103,575
Statistical Analyses for the NCI Behavioral Change Consortium Diet Validation Study	93.RD	263-MQ-215961	4
Functional Neuroanatomy of the Basolateral Amygdala	93.RD	5-23415-G1	15,549
Cannabina and Schizophrenia: Effects of Clozapine(subcontract to NIH award through Dartmouth University	93.RD	DARTMOUTH COLLE	70
GTO: A Web-based it Solution for Outcome-based Prevention Phase I	93.RD	KIT SOLUTIONS	83,048
Sub-contract with Macro International for National Physical Activity and Nutrition Survey of High School Student	93.RD	MACRO INTERNATI	1,794
Genetic, Cognitive, and Interpersonal Vulnerabilities to Depression in Youth	93.RD	NIH/USCRA	4,527
How Smokers from Different Countries Interpret Tobacco Survey Questions: Ensuring Valid Cross-nationa			
Comparison of Tobacco Policy Impacts	93.RD	P50CA111236	10,195
Evaluation for the Special Project of National Significance, HIV and Oral Health	93.RD	SANDHILLS MED	10,141
TrialNet Natural History Study of the Development of Type 1 Diabetes: Phase 1 Screenin	93.RD	U01DK61055	6,182
Genetics of the Hepatic Acute Phase Response	93.RD	8-R1DK33886	33,287
Establishment of a Resource for the Identification of Genetic and Environmental Factors Involved in th			
Development of Anencephaly	93.RD	N01-ES-45531	18,641
Institute for HIV Prevention Leadership	93.RD	S3597-24/24	502,882
Institute for HIV Prevention Leadership	93.RD	S3597-24/25	1,532,135
Institute for HIV Prevention Leadership - Carryover from year 1 account 11500-FA0	93.RD	S3597-24/25	22,760
University of Texas			
Domestic Violence Services in Rural Health Care Clinics	93.RD	20161210	22,814
<b>Total US Department of Health and Human Services</b>			<b><u>34,578,801</u></b>
<b>Homeland Security</b>			
Passed through programs from:			
South Carolina Law Enforcement Division			
Homeland Security Bufferzone Protection Program	97.RD	3HSS095	22,600
2005 Buffer Zone Protection Program	97.RD	5BZPP14	32,848
Office of the Adjutant General			
GIS Support for IRIS	97.RD	PO#514	7,518
South Carolina Hazards Assessment Geo-Information Support (SCHAGIS)	97.RD	PO#941	36,364
University of South Carolina Research Foundation			
Center of Excellence and Social Research on Terrorism and Counter-Terrorism (subcontract to th			
University of Maryland)	97.RD	Z988505	152,508
<b>Total Homeland Security</b>			<b><u>251,838</u></b>
<b>US Agency for International Development</b>			
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	16,369
<b>Total US Agency for International Development</b>			<b><u>16,369</u></b>
<b>Total Research and Development Cluster</b>			<b><u>72,673,780</u></b>

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Student Financial Aid Cluster</b>			
<b>US Department of Education</b>			
SEOG 2005-2006 2 Yr Campus	84.007	P007A053812	17,025
SEOG 2005-2006 COLUMBIA	84.007	P007A053813	45,395
SEOG 2005-2006 Spartanburg	84.007	P007A057400	3,189
SEOG Clearing Account	84.007	P007A063812	5,853
SEOG 2006-2007 2 Yr Campus	84.007	P007A063812	102,415
SEOG Clearing Account	84.007	P007A063813	16,500
SEOG 2006-2007 Columbia	84.007	P007A063813	616,386
SEOG 2006-2007 Aiken	84.007	P007A067399	123,295
SEOG Clearing Account-Spartanburg	84.007	P007A067400	979
SEOG 2006-2007 Spartanburg	84.007	P007A067400	191,714
SEOG Clearing Account - Beaufort	84.007	P007A068840	10,744
SEOG 2006 - 2007 Beaufort	84.007	P007A068840	50,232
Federal Family Education Loan Program	84.032	NONE	160,780,283
FWS 2005-2006 Master-2Yr Campus	84.033	P033A053812	15,772
FWS 2005-2006 - Sumter	84.033	P033A053812	2,358
FWS 2005-2006 - Lancaster	84.033	P033A053812	1,904
FWS 2005-2006 - Salkehatchie	84.033	P033A053812	1,780
FWS 2005-2006 - Union	84.033	P033A053812	3,212
College Work-Study 2005-2006 Columbia	84.033	P033A053813	345,817
College Workstudy Prog Instruction 05-06	84.033	P033A053813	15,740
College Workstudy Prog Research 05-06	84.033	P033A053813	5,640
College Workstudy Prog/Public Svs 05-06	84.033	P033A053813	3,454
College Workstudy/Academic Sup Lib 05-06	84.033	P033A053813	775
College Workstudy/Academic Sup Lib 05-06	84.033	P033A053813	2,277
College Workstudy/Student Services 05-06	84.033	P033A053813	1,387
College Workstudy/Inst Support 05-06	84.033	P033A053813	2,006
College Workstudy/O&M 05-06	84.033	P033A053813	2,798
College Workstudy/Auxiliary 05-06	84.033	P033A053813	3,589
College Workstudy/Scholarships 05-06	84.033	P033A053813	4
FWS 2005-2006 - Beaufort	84.033	P033A058840	28,289
College Work Study-Clearing Account Federal	84.033	P033A063812	1,604
FWS 2006-2007 - Sumter	84.033	P033A063812	42,682
FWS 2006-2007 - Lancaster	84.033	P033A063812	18,440
FWS 2006-2007 - Salkehatchie	84.033	P033A063812	78,480
FWS 2006-2007 - Union	84.033	P033A063812	20,466
College Work Study-Clearing Account Federal	84.033	P033A063813	3,477
College Work-Study 2006-2007 Columbia	84.033	P033A063813	32,722
CWS Job Location and Development 2006-2007	84.033	P033A063813	50,355
College Workstudy Prog Instruction 06-07	84.033	P033A063813	378,483
College Workstudy Prog Research 06-07	84.033	P033A063813	150,162
College Workstudy Prog Public Svs 06-07	84.033	P033A063813	84,033
College Workstudy/Academic Sup Lib 06-07	84.033	P033A063813	20,055
College Workstudy/Academic Sup Oth 06-07	84.033	P033A063813	60,911
College Workstudy/Student Services 06-07	84.033	P033A063813	47,953
College Workstudy/Inst Support 06-07	84.033	P033A063813	58,615
College Workstudy/O&M 06-07	84.033	P033A063813	72,687
College Workstudy/Auxiliary 06-07	84.033	P033A063813	99,318
College Workstudy/Scholarships 06-07	84.033	P033A063813	211
College Workstudy 2006-2007 Aiken	84.033	P033A067399	133,062
College Work Study-Clearing Account Federal	84.033	P033A067400	8,264
College Work-Study 2006-2007 Spartanburg	84.033	P033A067400	183,947
FWS 2006-2007 - Beaufort	84.033	P033A068840	35,312
Pell Grant 2006-2007 Columbia	84.063	P063P062200	10,440,376
Pell Grant 2002-2003 Spartanburg	84.063	P063P022877	19,095
Pell Grant 2005-2006 Columbia	84.063	P063P052200	29,304
Pell Grant 2005-2006 Aiken	84.063	P063P052201	3,834
Pell Grant 2005-2006 Upstate	84.063	P063P052877	22,871
Pell Grant Program 2005-2006/Sumter	84.063	P063P053261	5,724
Pell Grant Program 2005-2006/Lancaster	84.063	P063P053261	3,434
Pell Grant 2005-2006 Beaufort	84.063	P063P055738	6,436
Pell Grant 2006-2007 Aiken	84.063	P063P062201	2,803,673
Pell Grant 2006-2007 Upstate	84.063	P063P062877	4,653,861
Pell Grant Program 2006-2007/Sumter	84.063	P063P063261	1,043,436
Pell Grant Program 2006-2007/Lancaster	84.063	P063P063261	979,174
Pell Grant Program 2006-2007/Salkehatchie	84.063	P063P063261	1,040,651
Pell Grant Program 2006-2007/Union	84.063	P063P063261	487,649
Pell Grant 2006-2007 Beaufort	84.063	P063P065738	760,977



**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Education, continued</b>			
Pell Grant Administrative Allowance FY 2005-2006	84.063	P063Q052200	4
Federal Perkins Loan Program 2005-2006 2 Yr Campuses	84.038	P038A053812	248,772
Federal Perkins Loan Program 2005-2006 Columbia	84.038	P038A053813	3,992,973
Federal Perkins Loan Program 2005-2006 Aiken	84.038	P038A057399	340,773
Federal Perkins Loan Program 2005-2006 Spartanburg	84.038	P038A057400	328,335
Academic Competiveness Grant (ACG)	84.375	P375A062200	704,919
Academic Competiveness Grant (ACG)	84.375	P375A062201	190,335
Academic Competiveness Grant (ACG)	84.375	P375A062877	265,100
Academic Competiveness Grant (ACG)	84.375	P375A065738	9,925
Smart Grant 2006-2007	84.376	P376S062200	530,666
Smart Grant 2006-2007	84.376	P376S062201	15,870
Smart Grant 2006-2007	84.376	P376S062877	102,730
Smart Grant 2006-2007	84.376	P376S065738	9,921
<b>Total US Department of Education</b>			<b><u>193,022,869</u></b>
<b>US Department of Health and Human Services</b>			
Health Professions Student Loan - Columbia Pharmacy	93.342	NONE	452,649
Health Professions Student Loan - Columbia Medicine	93.342	NONE	70,124
Nursing Student Loan - Columbia Associate	93.364	NONE	5,400
Nursing Student Loan - Columbia Baccalaureate	93.364	NONE	153,324
Nursing Student Loan - Columbia Graduate	93.364	NONE	21,002
Nursing Student Loan - Aiken Associate	93.364	NONE	56
Nursing Student Loan - Spartanburg Associate	93.364	NONE	2,228
SCHL for Disadvantaged Students - Medicine	93.925	3-T08HP04838-B0	51,817
<b>Total US Department of Health and Human Services</b>			<b><u>756,600</u></b>
<b>Total Student Financial Aid Cluster</b>			<b><u>193,779,469</u></b>
<b><u>TRIO CLUSTER</u></b>			
<b>US Department of Education</b>			
Upward Bound	84.047	P047A030034	868
Educational Opportunity Centers Program	84.066	P066A020002	82,765
Passed through programs from:			
University of South Carolina Research Foundation			
Student Support Services	84.042	P042A050230	27,138
Student Support Services	84.042	P042A050234	37,942
Student Support Services Program-Grant-in-Aid	84.042	P042A050234	2,864
Student Support Services	84.042	P042A050234-06	207,319
Student Support Services	84.042	P042A050234-06	9,395
Student Support Services	84.042	P042A050236	25,617
Student Support Services Program-Grant-in-Aid	84.042	P042A050236	600
Student Support Services Program	84.042	P042A050236-06	240,686
Student Support Services - Grant -in-Aid	84.042	P042A050236-06	38,584
Student Support Services	84.042	P042A050379	38,525
Student Support Services	84.042	P042A050579	31,156
Student Support Services Program	84.042	P042A05107901	51,584
Student Support Services	84.042	P042A051079-06	183,566
Student Support Services Program - Grant-in-Aid	84.042	P042A051079-06	33,758
Student Support Services Program	84.042	P042A051198	28,599
Student Support Services Program - Grant-in-Aid	84.042	P042A051198	2,825
Opportunity Scholars Program	84.042	P042A051198	165,762
Opportunity Scholars Program - Grant-in-Aid	84.042	P042A051198	38,191
Student Support Services	84.042	P042A050230-06	169,294
Student Support Services Program - Grant-in-Aid	84.042	P042A050379-06	10,200
Student Support Services	84.042	P042A050379-06	173,137
Student Support Services Program-Grant-in-Aid	84.042	P042A050579-06	31,105
Student Support Services	84.042	P042A050579-06	190,833
Educational Talent Search	84.044	P044A03027605	57,910
Talent Search Program	84.044	P044A030276-06	325,594
Upward Bound	84.047	P047A030034	330,486
Upward Bound	84.047	P047A03106705	49,258
Upward Bound Program	84.047	P047A031067-06	181,734
Upward Bound	84.047	P047A03117205	43,415
Upward Bound	84.047	P047A03117205	236,886
Educational Opportunity Centers	84.066	P066A060087	367,002
Ronald E McNair Post-Baccalaureate Achievement Program	84.217	P217A030271-05	65,909
Ronald E. McNair Post-Baccalaureate Achievement Program	84.217	P217A030271-06	208,812
<b>Total US Department of Education</b>			<b><u>3,689,319</u></b>
<b>Total TRIO Cluster</b>			<b><u>3,689,319</u></b>

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Student Life Cluster</b>			
<b>US Department of Education</b>			
Campus Recreation	84.116	P116Z040278	1,634
Strom Thurmond Fitness and Wellness Center	84.116	P116Z050364	266,739
Alcohol and Drug Programs	84.116	P116Z050364	24
Passed through programs from:			
University of South Carolina Research Foundation			
US-Brazil Higher Education Consortia Program	84.116	2975040395USC	7,322
<b>Total US Department of Education</b>			<u>275,719</u>
<b>Total Student Life Cluster</b>			<u>275,719</u>
<b>Medicaid Cluster</b>			
<b>US Department of Health and Human Services</b>			
Passed through programs from:			
South Carolina Department of Health and Human Service			
SCDHHS Medicaid Eligibility Quality Improvement 2006-2007 Contract	93.778	A71425A	531,677
Medicaid Infrastructure Grant	93.778	A71433A	163,671
A Study of DDSN Licensing Functions	93.778	A71542A	10,644
Training and Certification for Attendant Care Services	93.778	A79675A	540,824
Developmental Evaluation Center Service	93.778	C62867M	1,265
Outpatient Pediatric AIDS Clinic Services 06-07	93.778	C7 2746M	205,395
Developmental Evaluation Center Service	93.778	C72867M	2,042,992
<b>Total US Department of Health and Human Services</b>			<u>3,496,468</u>
<b>Total Medicaid Cluster</b>			<u>3,496,468</u>
<b>Other Programs</b>			
<b>US Department of Agriculture</b>			
Passed through programs from:			
South Carolina Department of Social Services			
USDA Family Day Care Homes Sponsorship	10.001	DH64239	33,742
Family Day Care Homes Sponsorship 2006-07	10.001	DH64239	74,306
USDA Food Service Program	10.558	CC156361	20,151
University of South Carolina Research Foundation			
News Writing Seminar	21.003	57003E6A17-000	2,904
Southern Carolina Crafts	10.999	WCHEC	33,790
Salkehatchie Arts Partnership	10.999	WCHEC	117,835
<b>Total US Department of Agriculture</b>			<u>282,728</u>
<b>US Department of Commerce</b>			
Passed through programs from:			
Consortium for Oceanographic Research and Education (CORE)			
CORE Support of SC-GA Regional National Ocean Sciences Bowl Competition	11.999	NA06SE4690002	15,000
<b>Total US Department of Commerce</b>			<u>15,000</u>
<b>US Department of Defense</b>			
Procurement Technical Assistance Program for Business-Control Center	12.002	SP4800-04-20370	68,933
Procurement Technical Assistance Program for Business	12.002	SP4800-04-20370	14,250
NROTC Educational Instruction Calculus and Physics	12.999	N00140-06-H0053	1,571
NROTC Educational Instruction Calculus and Physics	12.999	N00140-97-G3000	257
Passed through programs from:			
University of South Carolina Research Foundation			
Communications and Journalism Training	12.999	W91WAW-07-P0077	13,000
<b>Total US Department of Defense</b>			<u>98,011</u>
<b>US Department of Housing and Urban Development</b>			
Passed through programs from:			
City of Columbia - HUD			
HOPWA Case Management for HIV/AIDS Client	14.241	CITY OF COLA	796
Columbia Housing Authority			
Proposal to Evaluate the Hendley Homes Hope VI Revitalization Project	14.999	CITY OF COL HOU	54
South Carolina Department of Health and Environmental Control			
HOPWA Services of the Midlands Care Consortium Through DHEC	14.241	PO#628934	40,280
DHEC HOPWA Education Employment Service	14.241	PO#628934	13,662
Spartanburg Housing Authority			
SHA Hope VI Grant	14.866	CITY OF SPTG	4,192
University of South Carolina Research Foundation			
HOPWA Case Management for HIV/AIDS Client	14.241	CITY OF COLA	246,389
HOPWA / HUD Case Management Services for Homeless Persons with HIV/AIDS and Disabilities	14.241	HEALING PROPERTY	8,732
USC Upstate Community Outreach Partnership Center	14.511	COPC-SC-05-654	146,699
<b>Total US Department of Housing and Urban Development</b>			<u>460,804</u>

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Interior</b>			
Characterization of Natural Dissolved Organic Matter at the Submarine Base Kings Bay, GA, and the Naval Aviatio Weapons Station (NAWC) in Trenton, NJ	15.999	06ERSA0276	22,939
<b>Total US Department of Interior</b>			<u>22,939</u>
<b>US Department of Justice</b>			
Grant to Combat Violent Crimes Against Women on Campu	16.525	99-WA-VX-0011	19,020
Passed through programs from:			
South Carolina Court Administration			
Court Administration Judicial Mini-Summit	16.999	SC COURT ADM	10,150
South Carolina Department of Education			
SIC Training Collaboration	16.541	06FC308-01	199
Truancy Center Collaboration	16.999	EXEMPT#116	15,245
South Carolina Department of Public Safety			
Juvenile Detention & DMC Initiative	16.523	IJS04009	9,055
Juvenile Detention Initiative	16.523	IJS04014	128,231
Juvenile Detention Initiative	16.523	IJS06004	41,238
DMC Resource Project	16.540	IJO5013	78,718
Disproportionate Minority Contact: Information/Resource Project	16.540	IJO6001	33,293
Criminal Justice Information System: NCIC 2000 and Mobile Date	16.579	ID04033	13,181
Victim Assistance Grant	16.588	IV05114	4,027
University of South Carolina Research Foundation			
Grant to Reduce Violent Crimes Against Women on Campu	16.525	99-WA-VX-0011	33,797
National Evaluation of Free to Grow Program	16.727	11607	7,707
AMBER Alert Training at Newsplex (2006-2007): Tier 1	16.999	FOX VALLEY TECH	123,697
Amber Alert Scenario-Based Training At Newsplex	16.999	PO#1038147	20,275
Wake Forest University Health Sciences			
Evaluation of the Combating Underage Drinking Program	16.540	WFHUH 12077	405,442
<b>Total US Department of Justice</b>			<u>943,275</u>
<b>US Department of Labor</b>			
Passed through programs from:			
South Carolina Department of Labor - Spartanburg			
ACHIEVE Program 2005 - 2006	17.259	5Y603G3-UWIB	10,293
ACHIEVE Program 2006 - 2007	17.259	6Y603C3-UWIB	415,080
<b>Total US Department of Labor</b>			<u>425,373</u>
<b>US Department of State</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Fulbright American Studies Institute on U.S. Foreign Policy	19.418	SECAAE-06-CA053	141,905
Study of the United States Institute on US Foreign Policy	19.418	SECAAE-07-CA049	106,713
US State Department Training Workshops	19.418	SFSIAQ-05-R1043	149
<b>Total US Department of State</b>			<u>248,767</u>
<b>US Department of Transportation</b>			
Passed through programs from:			
South Carolina Department of Transportation			
I-585,USCS Access Improvements Project	20.999	42Q22MP05033	37,490
SCDOT & SCIAA Geographic Information System Projec	20.999	731	50,236
<b>Total US Department of Transportation</b>			<u>87,726</u>
<b>Library of Congress</b>			
Passed through programs from:			
Carolina Piedmont Foundation			
Adventure of the American Minds	42.007	CAROLINA PIED	4,976
<b>Total Library of Congress</b>			<u>4,976</u>
<b>National Foundation of Arts and the Humanities</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
Spirit of an Activist: I. DeQuincey Newman	45.129	6-1115-1	1,293
Preserving Fox Movietone Moving Images, 1927-192	45.149	PA5017703	54,604
Disaster Preparedness and Planning: USC School of Medicine Library	45.149	PG-50044-07	3,850
Understanding the Past through Public History: African American History in South Carolina as a Case Stud	45.163	EH-50105-06	71,652
Natural Science: Collections Enhancement and Exhibition	45.301	MA-01-04-019404	34,340
Digital Traditions: Public Access Initiative for Folklife and Material Culture	45.301	ML0103029703	4,136
Palmetto and Pine Recruiting and Education Initiative	45.313	R0103004703	162,811
Creating the Next Generation of Teacher Scholars for Library and Information Science Education the Area o			
Children, Families, and Literacy	45.313	RE02-06-0069-06	116,074
<b>Total National Foundation of Arts and the Humanities</b>			<u>448,760</u>

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>National Science Foundation</b>			
Proposal for Intergovernmental Personnel Act Position at National Science Foundation (IPA)	47.999	MCB-0650837	106,355
Passed through programs from:			
South Carolina Sea Grant Consortium			
Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010	47.050	C103	14,937
Proposal: Evaluation of the Center for Ocean Sciences Education Excellence Southeast 2005-2010	47.050	SC SEA GRT/C203	37,126
University of South Carolina Research Foundation			
International Travel - The 4th Pacific Basin Conference on Adsorption Science and Technology	47.041	CTS-0628046	5,847
NUE: Nanoscience and Technology Advocacy Studies Cognat	47.041	EEC-0634128	49,032
Subcontract to the NSF Solid State Summer Program at Clemson University	47.049	688755720620935	730
Evaluation of Graduate Teaching Fellows in K-12 Education Program	47.076	DGE-0440568	6,932
Graduate Teaching Fellows Enhancing STEM Education in South Carolina Schools	47.076	DGE-0440568	373,230
SC STEPs to STEM	47.999	USCRF/NSF	<u>2,767</u>
<b>Total National Science Foundation</b>			<u><b>596,956</b></u>
<b>Small Business Administration</b>			
SBDC - State Director's Office	59.037	6-603001Z004326	13,165
SBDC - USC	59.037	6-603001Z004326	69,183
SBDC 2007 - State Director's Office	59.037	7-603001Z004327	124,374
SBDC 2007 - USC	59.037	7-603001Z004327	<u>228,173</u>
<b>Total Small Business Administration</b>			<u><b>434,895</b></u>
<b>US Department of Veterans Affairs</b>			
GA: Anchal Malik	64.999	11550FP05	9,889
"Modeling the Way" Associate Director and Nurse Executive Leadership Program for the Southeast Region of the Veterans Administrative Hospita	64.999	509-06-37570402	41,560
GA: Matthew Landreth	64.999	PO#544-C65288	6,441
"Leading from the Middle" Leadership Certificate Program for the Southeast Region of the Veterans Administrative Hospital"	64.999	V247P-2643	99,720
"Post Certificate, Defining and Refining the Cs of Leadership" Development for the Southeast Region of th Veterans Administration Hospital	64.999	V247P-2644	<u>63,258</u>
<b>Total US Department of Veterans Affairs</b>			<u><b>220,868</b></u>
<b>Environmental Protection Agency</b>			
Mercury Lamp Disposal Education Outreach	66.999	CR-831393-010	15,626
Passed through programs from:			
Clemson University			
Tyger River Total Maximum Daily Load (TMDL) Implementation Proje	66.460	SC1047755822320	2,013
Santee Cooper			
USC Solar Photovoltaic "Walkway" System	66.999	SANTEE COOPER	249,548
University of South Carolina Research Foundation			
EPA EE Watershed Education Program	66.951	96455606	<u>4,010</u>
<b>Total Environmental Protection Agency</b>			<u><b>271,197</b></u>
<b>US Department of Energy</b>			
Operate & Maintain the Public Reading Room	81.039	DEFC0990SR18117	41,228
Passed through programs from:			
South Carolina Energy Office			
USC Ethanel Infrastructure Installation	81.998	25004	16,377
South Carolina Universities Research and Education Foundation			
USC Liaison with Savannah River National Laboratory-Consulting Services-Development, Preparation an Submittal of Engineering and Science Proposals	81.999	WEST114	345
University of South Carolina Research Foundation			
DOE/Industrial Matching Grant Program	81.114	DEFG0703ID14519	<u>20,555</u>
<b>Total US Department of Energy</b>			<u><b>78,505</b></u>
<b>US Department of Education</b>			
USC High School Equivalency Project, HEP	84.141	S141A010001	63,828
South Carolina Assistive Technology Program	84.224	H224A050040	133,833
South Carolina Assistive Technology Program	84.224	H224A060040	381,286
South Carolina Assistive Technology Program	84.224	H224A070040	42,044
South Carolina Assistive Technology Program	84.224	H224A960001	5,396
Preparation of Leadership Personnel	84.325	H325D010063	105,785
Preparing Future Teachers of Students with Emotional and Behavioral Disorder	84.325	H325H000140	2,454
Preparing Future Techers of Student with Emotional and Behavioral Disorders to Conduct Functional Behavioral Assessments and to Develop Effective Positive Behavior Support Plans that Include Antecedent Academic Interventio	84.325	H325H030101	179,812
Child Care Access Means Parents in School (CAMPIS)	84.335	P335A020078	2,466
National Writing Project	84.928	92-SC06	71,486

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Education, continued</b>			
Passed through programs from:			
Florence School District Three			
Music Technology Institute	84.999	FLORENCE SCH 3	30
Professional Development in Technology and Authentic Assessmen	84.999	FLORENCE SCH DI	6,077
National Writing Project Corporation			
National Writing Project	84.928	92-SC05	47,725
National Writing Project	84.928	92-SC06	796
National Writing Project	84.928	92-SC07	55,968
Richland School District Two			
Project Evaluation: Implementation of a Rigorous Evaluation to Assess the Effectiveness of ImPAC	84.999	PO#702451	84,051
Project Evaluation: Implementation of a Rigorous Evaluation to Assess the Effectiveness of ImPAC	84.999	PO#702451	82,087
South Carolina Commission on Higher Education			
Science and Math Professional Development Program	84.281	SCCHE	68,637
USC Aiken GEAR UP Extension 2005-2006	84.334	P334A990172	14,856
Gaining Early Awareness and Readiness for Undergraduate Programs 2005-0	84.334	P334A990172	6,138
Increasing Second and Third Grade Teachers' Mathematics Knowledge Using Standards-Based Instructiona			
Strategies and Homework Assignment	84.367	SC CHE	53,773
High School Teacher Inquiry and Technology Professional Development Program	84.367	SC CHE	140,516
On-TRACK:Teaching Reading and Content Knowledge	84.367	SC CHE	8,555
Inquiry and Technology Professional Development Year 2	84.367	SC CHE	329
Middle School/Higher Education Partnerships in Science Education-year 2	84.367	SC CHE	163
Middle School/Higher Education Partnerships in Science Education Year 3	84.367	SC CHE	83,822
Middle School/Higher Education Partnerships in Science Education - Year 4	84.367	SC CHE	39,281
Production of Distant Education DVDs from Developing High Quality Middle School Mathematics			
Teachers Project - Algebra	84.367	SC CHE	3,862
Developing High Quality Middle School Mathematics Teacher, Year	84.367	SC CHE	100,730
Developing High Quality Middle School Mathematics Teacher, Year 4	84.367	SC CHE	19,801
South Carolina Department of Education			
Personnel Development Collavoration	84.027	06CO308	7,075
Technical Assistance Project for Personnel Who Work with Preschool Children Who Have Disabilities and			
Who Are At Risk for or who Have Problem Behaviors(Preschool TB Project	84.027	06CO308-06	7,463
Continuation Proposal-Project CREATE: Centers for the Re-Education and Advancement of Teachers			
in Special Education in South Carolina, 2005-06 Year 3	84.027	06-CO-308-1	1,800
Project CREATE	84.027	06CO3082	3,056
Project SLP-RRS Speech-Language Pathologist Recruitment and Retention in Schools	84.027	06-CO-308-7	5,224
Personnel Development Collaboration - Transition	84.027	07CO308-01	39,042
Personnel Development Collaboration: Project CREATE	84.027	07CO308-02	29,054
Project CREATE 2006-07	84.027	07CO308-03	47,484
Personnel Development Collaboration - AT Expo 07	84.027	07-CO308-04	4,000
Personnal Development Collaboration - TBI	84.027	07CO308-05	3,016
Technial Assistance Project for South Carolina Personnel Who Work with Preschool Children			
with Developmental Delays	84.027	07CO308-07	71,823
Project Speech-Language Pathologists - Recruitment and Retention in Schools (SLP-RRS)	84.027	07CO308-08	146,469
Project Speech-Language Pathologists - Recruitment and Retention in Schools (SLP-RRS)Cohort B	84.027	07-CO-308-10	17,730
FIRST LEGO League Partnership Proposa	84.048	07-VA-308	16,200
South Carolina Department of Education Character Education Conference	84.215	07FL308-01	1,293
Coordinating A Special Event: "Investigating the Efficacy of a Professional Development Program i			
Classroom Assessment for Middle School Reading and Mathematics	84.305	06TR308-01	3,852
Coordinating A Special Event: TQR 2007	84.305	07TR308-01	1,119
Reading First 2005-2006	84.357	06RC308-01	134
South Carolina Reading First 2006-2007	84.357	07RC308-01	131,039
SC Reading First Summer 2007	84.357	07RC308-05	21,599
South Carolina Reading First 2006-2007	84.357	07RC308-02	10,560
South Carolina Reading First 2006-2007	84.357	07RC308-03	13,600
South Carolina Reading First 2006-2007	84.357	07RC308-04	5,280
Pilot Course for Physical Science Companion	84.366	06MS308-02	4,424
Mathematics and Science Partnership	84.366	06MS308-05	6,877
Mathematics and Science Partnership	84.366	07MS308-01	11,837
Mathematics Science Partnership Initiative	84.366	07MS308-03	5,656
Mathematics and Science Partnership	84.366	07MS308-2	2,597
Colleton Professional Development Program	84.999	07IS308-03	107,169
South Carolina Reading First (SCRF) Data Warehouse	84.999	SC DEPT EDU	63,186
South Carolina Department of Health and Environmental Contro			
Training in Early Childhood Solutions	84.181	PO#603397	179,577
Training in Early Childhood Solutions	84.181	PO#651755	366,277
South Carolina School for the Deaf and the Blind			
South Carolina Interagency Deaf-Blind Project	84.027	SC SCH DEAF & B	5,619
South Carolina Interagency Deaf-Blind Project	84.027	SC SCH DEAF & B	1,842

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Education, continued</b>			
University of South Carolina Research Foundation			
Instituting Global Studies Across the Curriculum and Expanding the Foreign Language Program	84.016	P016A030078	326
Long Term Training: Vocational Rehabilitation	84.129	H129B050037	223,566
Long Term Training Grant in Job Development and Placemen	84.129	H129R050005	110,629
Recruiting Talented Minority Students into Physics and Astronomy	84.200	P200A030028	258,366
Recruiting Talented Minority Students and Women into Geological Science	84.200	P200A040161	179,437
SECC Leadership Development Initiative	84.283	PO#53660	73,179
Preparation of Early childhood Special Education (ECSE) Personnel in South Carolina	84.325	H325K060123	37,663
Preparing Personnel to Fill Speech Pathology Vacancies in South Carolina: A Partnership with School Districts	84.325	H325K060410	56,115
Child Care Access Means Parents in School (CCAMPIS)	84.335	P335A050104	10,094
Child Care Access Means Parents in School (CCAMPIS) Program Gran	84.335	P335A050104-06	37,654
Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2- and 4-Year College	84.336	P336B040014-06	928,859
Diverse Pathways in Teacher Preparation: A Collaborative Approach for South Carolina 2-and 4-Year Colleges-Subaccoun	84.336	P336B040014-06	66,497
Community Technology Centers Program	84.341	V341A050434	142,812
National Writing Project Potential Site Funding Application	84.928	07-SC12	1,288
<b>Total US Department of Education</b>			<u><b>5,275,045</b></u>
<b>US Department of Health and Human Services</b>			
Nurse Anesthesia Training Program	93.124	3-A22HP00015-E0	26,108
Columbia Nurse Faculty Loan Program	93.264	3-NFLP600066	82,082
Creating Child Welfare Professionals	93.648	G-90CT009803	22,784
Creating Child Welfare Professionals	93.648	G-90CT009804	44,326
Public Health Traineeship	93.964	3-A03HP01181-CO	35,367
Public Health Traineeship	93.964	3-A03HP01181-CO	987
Renovation of Second Floor of Health Sciences Building	93.998	8-C6RR15528A	1,315,025
Medical Education/Medicaid Enhanced Teaching	93.998	US DHHS	555,608
Passed through programs from:			
CFO Greenville Hospital System			
Medical Education/Medicaid Enhanced Teaching	93.998	GREENVILLE HOSP	39,886
Clemson University(Institute for Nutraceutical Research			
Evaluation of B-Glucan's Effects on Selected Immune Parameter	93.999	SCDOT	3,606
National Network of Libraries of Medicine			
Partnering to Improve Patient Education (PIPE Project	93.998	NO1 LM 6 3502	1,357
Office of the Governor			
National Down Syndrome Society Conference Sponsorship	93.630	612-21-0057	4,302
Office of the Lieutenant Governor			
Evaluation of Research Activities for the Advanced Performance Outcome Measures Proje	93.999	A41281A	15,633
Performance of Evaluation Research Activities for the Advanced Performance Outcome Measures Proje	93.999	A41281A	2,670
South Carolina Court Administration			
Court Improvement Training Gran	93.586	2006-G991513	40,737
South Carolina Department of Health and Environmental Contro			
Palmetto Poison Center/DHEC Bioterrorism Cooperative Agreemen	93.003	PO#519743	174,830
Interactive Web-Based Learning Modules	93.110	PO#635745	36,952
SC Family, Adolescent, and Child HIV Services	93.153	HV6418	11,045
SC Family, Adolescent, and Child HIV Services	93.153	HV-7-398	107,125
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	13,350
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	103,225
Planning & Facilitation Assistance for the SCDHEC Childhood Lead Poisoning Prevention Program (CLPPP	93.197	PO#606556	3,265
Support for Environmental Epidemiology Faculty	93.283	PO#507586	44,729
Evaluation of the SC DHEC Division of Oral Health	93.283	PO#580577	545
Drug Resistant Streptococcus Pneumoniae Testing	93.283	PO#614699	14,030
Develop Evaluation Plans and Provide Technical Assistance for SC Department of Health and Environmenta			
Control, Bureau of Maternal and Child Health, Division of Oral Health	93.283	PO#638797	31,000
Develop Evaluation Plans and Provide Technical Assistance for SC Department of Health and Environmenta			
Control, Bureau of Maternal and Child Health, Division of Oral Health	93.283	PO#638797	39,816
Develop Evaluation Plans and Provide Technical Assistance for SC Department of Health and Environmenta			
Control, Bureau of Maternal and Child Health, Division of Oral Health	93.283	PO#638797	5,407
Improving Disaster Behavioral Health Response following a Public Health Emergency or Disast	93.889	PO#667879	15,763
Ryan White Care Act Title II (Base)	93.917	PO#518789	1,395,746
Ryan White Care Act Title II (Emerging Communities)	93.917	PO#518789	240,432
Ryan White CARE Act Title II (MAI Discharge Planning	93.917	PO#518789	20,127
Ryan White CARE Act Title II (SC ADAP Insurance	93.917	PO#518789	40,761
Ryan White HIV/AIDS Treatment Modernization Act - Part B (formerly Ryan White CARE Act - Title I	93.917	PO#518789	478,633
Ryan White HIV/AIDS Treatment Modernization Act - Part B (formerly Ryan White CARE Act - Title I	93.917	PO#518789	99,416
Ryan White HIV/AIDS Treatment Modernization Act (SC ADAP Insurance	93.917	PO#518789	15,319
Ryan White CARE Act Title II (MAI Sumter Family Health Center	93.917	PO#604924	18,655

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>US Department of Health and Human Services</b>			
South Carolina Department of Health and Environmental Control, continued			
Perinatal HIV Prevention Services	93.940	PO#562928	46,430
Perinatal HIV Prevention Services	93.940	SC DHEC	45,671
Midlands Care Consortium Linkage to HIV Care Demonstration Projec	93.941	PO#518789	66,654
Public Health Practice Post Doctoral Program	93.945	PO#615042	177,510
South Carolina Adult Tobacco Survey	93.998	PO#684380	2,342
Conduct Mail and Telephone Surveys for the South Carolina Health Alert Network	93.998	PO#684817	4,772
South Carolina Department of Mental Health			
Disaster Response Training for the SCDMH ( Training Budget	93.003	P201080403DP	68
Southeastern Regional Conference-Collaborative Community Response	93.243	6H13SM56716-01	28,591
Evaluating OASIS for Sustainability	93.243	F243090705DP	113,377
Emergency Department Crisis Stabilization Training for the SC Department of Mental Healt	93.982	SC MENTAL HLTH	13,433
Youth Net	93.999	SCDMH	31,697
South Carolina Department of Social Services			
ABC Special Needs Child Care Voucher Program Public Awareness Service	93.575	G60050T	95,677
ABC Special Needs Child Care Voucher Program Public Awareness Service	93.575	G70050T	211,125
The Purchase of Social Work Training for DSS Staff and Agents	93.608	C70001 S4	991,747
Children's Justice Act - Operation of Children's Law Office	93.643	C60002S-1	66,571
Legal Training for DSS Staff and Agents	93.643	C60035S-3	457,358
Children's Justice Act - Operation of Children's Law Center	93.643	C70002S-2	73,399
Children's Justice Act - Support of CJA Task Force	93.643	C70030S	48,916
DSS Legal Training Contract	93.643	C70035S	157,143
Improve the Quality of ChildCare for South Carolina Families-Extension	93.998	C60069H-1	200,311
Conducting a Statewide Child Care Market Rate Survey, Collecting and Analyzing Survey Dat	93.998	C70018H	20,800
Improve the Quality of Child Care for South Carolina Families	93.998	C700694-3	64,532
Children's Justice Act-Support of Task Force	93.999	C50030S-4	50,444
University of North Carolina School of Public Health			
Southeast Public Health Training Center	93.964	PO#W602438	5,178
University of South Carolina Research Foundation			
South Carolina HIV/AIDS Clinical Training Center	93.145	2H4AHA00067-04	657
South Carolina HIV/AIDS Clinical Training Center	93.145	5H4HA00067-05	225,528
South Carolina HIV/AIDS Clinical Training Center	93.145	5H4HA00067-05	131
SC Disability and Health Project	93.184	U59CCU421834-05	402,424
Targeting Mass Media Interventions for Risky Sexual Behavio	93.242	304649060006219	122,879
Targeting Mass Media Interventions for Risky Sexual Behavio	93.242	304696530006219	70,037
Campus Suicide Prevention Grants Program	93.243	1H79SM057874-01	50,258
South Carolina Poison Center Certification Project	93.253	5H4HS0007906-00	104,230
South Carolina Poison Center Certification Project	93.253	5HABHS000790500	141,558
Graduate Education in Industrial Hygiene	93.262	1T01OH008620-01	2,752
Graduate Education in Industrial Hygiene	93.262	ST01OH008620-02	20,283
University of South Carolina Center for Public Health Preparedness	93.283	9-0CCU42424502	108,783
USC Center for Public Health Preparedness	93.283	9-0CCU42424503	850,762
Advanced Education Nursing Traineeship Program	93.358	2A10HP001350700	32,395
Advanced Education Nursing Traineeship Program	93.358	2A10HP001350700	11,254
Expanded Primary Care Services to an Urban Are	93.359	3-D1HP00503A	170,270
DAKO ACIS II Image Analysis System for the University of South Carolin	93.389	1S10RR023589-01	180,050
Science Laboratory	93.389	8-R5RR018542	195,565
South Carolina University Center for Excellence in Developmental Disabilitie	93.632	90DD0536	1,850
South Carolina University Center for Excellence in Developmental Disabilitie	93.632	90DD0536/05	500,563
Hispanic Health Services Research Grant Program	93.779	25P91910/4-02	63
University of South Carolina Marlboro County Minority Youth Empowerment Demonstration Program	93.910	1YEPMP060001-01	197,256
Institute for HIV Prevention Leadership	93.940	S2801-22/23	181,554
Catawba Even Start Evaluation: Continuation of 10010-05-9411	93.998	ICY&F/ES	4,602
Coordinated Quality Assurance/Quality Improvement Programs Statewide for SC DDSN	93.998	NASDDDS	13,647
Information Intermediary Workshops and Development of a Cohort of Respondents for Evaluation an			
Creation of Direct-to-Consumer Workshops on Consumer Health Information, with Special Emphasi			
on Services to Spanish-Speaking Populations.	93.998	PO#CONVS02030	2,436
Salkehatchie Collaborative-NEEDS	93.998	WCHE/HRSA	4,774
Type 1 Diabetes Genetics Consortium	93.999	BENAROYS RESEAR	1,165
Coordinated Quality Assurance/Quality Improvement Programs Statewide for SC DDSN	93.999	NASDDDS	27,501
Institute for HIV Prevention Leadership	93.999	S280122/33	3,456
Institute for HIV Prevention Leadership	93.999	S28012223	3,840
Institute for HIV Prevention Leadership	93.999	S28012223	6,162
<b>Total US Department of Health and Human Services</b>			<b><u>11,713,080</u></b>

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**JUNE 30, 2007**

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
<b>Corporation for National and Community Service</b>			
Passed through programs from:			
South Carolina Department of Education			
SC Commission on National and Community Service (AMERICORP)	94.007	07GH308-01	258
<b>Total Corporation for National and Community Service</b>			<u>258</u>
<b>Social Security Administration</b>			
Effective Communications	96.007	SSA 0616OAHA	28,969
Passed through programs from:			
University of South Carolina Research Foundation			
Communications Training Course/SSA/October 06	96.007	737408	51,262
Communications Training Course	96.007	SOCIAL SECURITY	632
Communications Training Course	96.007	SOCIAL SECURITY	6,626
<b>Total Social Security Administration</b>			<u>87,489</u>
<b>Homeland Security</b>			
Passed through programs from:			
University of South Carolina Research Foundation			
South Carolina Homeland Security Exercise and Evaluation Program	97.999	A606-004	68,633
South Carolina 2007 Statewide Homeland Security Exercise and Evaluation Program	97.999	A606-102	20,994
<b>Total Homeland Security</b>			<u>89,627</u>
<b>Total Federal Expenditures</b>			<u>\$ 295,721,034</u>

See accompanying notes to Schedule of Expenditures of Federal Award



**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, 2007, 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 \$16,952,836 as of June 30, 2007.

**NOTE 4 - MATCHING**

Under the FWS program, the University matched \$446,910 in total compensation for the year ended June 30, 2007, in addition to the federal share of expenditures in the accompanying schedule of expenditures of federal awards.

Under the FSEOG program, the University matched \$448,270 in funds awarded to students for the year ended June 30, 2007, 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, 2007:

<u>Federal granting agency</u>	<u>Federal CFDA number</u>	<u>Amount provided to subrecipients</u>
U.S. Department of Agriculture	10.RD	\$ 10,618
Total U.S. Department of Agriculture		<u>10,618</u>
U.S. Department of Commerce	11.RD	2,453,633
Total U.S. Department of Commerce		<u>2,453,633</u>
U.S. Department of Defense	12.RD	330,088
Total U.S. Department of Defense		<u>330,088</u>
U.S. Department of Justice	16.RD	147,640
Total U.S. Department of Justice		<u>147,640</u>
U.S. Department of Transportation	20.RD	116,749
Total Department of Transportation		<u>116,749</u>
National Aeronautics and Space Administration	43.RD	56,314
Total National Aeronautics and Space Administration		<u>56,314</u>
National Science Foundation	47.RD	94,895
Total National Science Foundation		<u>94,895</u>
Environmental Protection Agency	66.RD	198,581
	66.999	7,161
Total Environmental Protection Agency		<u>205,742</u>
U.S. Department of Energy	81.RD	179,323
Total U.S. Department of Energy		<u>179,323</u>
U.S. Department of Health and Human Services	93.RD	3,601,307
	93.184	32,225
	93.778	911,391
	93.910	62,009
	93.917	597,490
	93.998	35,675
Total U.S. Department of Health and Human Services		<u>5,240,097</u>
U.S. Department of Education	84.336	644,032
	84.367	3,000
Total U.S. Department of Education		<u>647,032</u>
Grand total		<u>\$ 9,482,131</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, as of and for the year ended June 30, 2007, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 8, 2007. 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 University of South Carolina Research Campus Foundation; 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 Davis, LLC*

Columbia, South Carolina  
October 8, 2007

**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, 2007. The University's major federal programs are identified in the summary of auditors' results section of the accompanying Schedule of Findings and Questioned Costs. 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, 2007.

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, 2007, and have issued our report thereon dated October 8, 2007 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 8, 2007

**THE UNIVERSITY OF SOUTH CAROLINA**  
**SCHEDULE OF FINDINGS**  
*For the year ended June 30, 2007*

**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>
84.007; 84.032; 84.033; 84.038; 84.063	Student Financial Aid Cluster

- |   |             |
|---|-------------|
| (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 *Government Auditing Standards*:** None

**III. Findings and Questioned Costs Relating to Federal Awards:** None