

UNIVERSITY OF SOUTH CAROLINA

OMB CIRCULAR A-133 REPORTS

FOR THE YEAR ENDED JUNE 30, 2012

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

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THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the year ended June 30, 2012

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
Research and Development Cluster			
Office of National Drug Control Policy			
Passed through programs from:			
University of South Carolina Research Foundation			
Constructing a Drug Consequences Index	00.RD	G10USCAROLINA	\$ 74,708
Total Office of National Drug Control Policy			74,708
The National Academies			
Passed through programs from:			
University of South Carolina Research Foundation			
Phase II - University-Industry Demonstration Partnership	00.RD	PGA-P290917	269,810
Phase II - University-Industry Demonstration Partnership (Travel Budget)	00.RD	PGA-P290917	53,668
Total National Academies			323,478
U.S. Department of Agriculture			
A US-China Joint Program on Forestry Biomass Utilization for Sustainable Materials and Nanotechnologies	10.RD	2011-5116031205	23,969
Passed through programs from:			
University of South Carolina Research Foundation			
Atmospheric Emissions of Nitrous Oxide, Methane, Ammonia, and Particulate Matter for Subtropical Sugarcane Production	10.RD	53969	29,070
Direct and Comprehensive Measure of Child Food Security: Reliability, Accuracy, and Concordance with Parental Report	10.RD	018000321470-03	19,258
Francis Marion and Sumter National Forest GIS Digital Update	10.RD	07PA11081209005	12,638
Seed Grant to Address the Role of Specific, Highly Abundant Viral Small RNAs in Viral Pathogenesis in Corn	10.RD	2010-6510820583	45
Characterization of Olfactory Proteins of the Yellow Fever Mosquito Aedes aegypti as Targets for the Study of Chemosensory Deterrents	10.RD	58-1275-7-360	13,878
Determination of Optimal Treatment Processes for Natural Organic Matter Removal and Disinfection BY-Product Formation Reduction	10.RD	58-3148-0-167	49,907
Children's Food Choices: Developing Economic Models To Guide Nutrition Policy	10.RD	59-5000-0-0073	19,607
Assessing Alternative Policies for Improving the School Food Environment	10.RD	59-5000-7-0119	206
Use of Video Medium for Recruiting, Outreach, Training and Education	10.RD	68-4639-10-003	516
Wildlife Species Information System	10.RD	68-4639-10-1017	152
Socially Responsible Advertising and Promotion of Food, Fiber and Related Products: Developing an Integrated Set of Undergraduate Courses	10.RD	G-1596-2	(446)
Reducing Losses to Potato and Tomato Late Blight by Enhanced Monitoring of Pathogen Populations and Improved Resistant Plants, Education, and Extension	10.RD	S-000478	15,632
How Can Communities and Households Protect Children for Very Low Food Security?	10.RD	304810783412327	184,001
Examining the Relationship between the Social Context of Meals, Diet Quality and Eating Patterns in Food-insecure African-American Households with Children	10.RD	018000-32147010	17,439
SC Farm-to-School Program and Children's and Parents' Food Choices	10.RD	018000321470-07	25,827
Identifying Food Deserts in the Rural South: A Comparison of Food Access Measures	10.RD	018000-32147011	14,022
Genomic and Breeding Foundations for Cellulosic Sorghum Bioenergy Hybrids	10.RD	201167009-30594	67,364
Develop Video Material for Cultural and Natural Resources Outreach and Soils Education	10.RD	68-4639-11-0013	38,141
Wildlife Species Information System for S1 Species in South Carolina	10.RD	68-4639-11-0021	7,838
Accessibility and Availability of Emergency Food Assistance and Food Insecurity Among American Children	10.RD	12-133-71311	21,338
COPASCItyes: Childhood Obesity Prevention in SC Communities	10.RD	USDA	7,947
Total U.S. Department of Agriculture			568,349
U.S. Department of Commerce			
University of South Carolina Wet-Lab Incubation Facility	11.RD	04-01-06063	840,903
Passed through programs from:			
University of South Carolina Research Foundation			
Determining the Role of Estuarine Swashes on Water Quality Impairment Along the Grand Strand of South Carolina: Impacts of Land Use and Stormwater Runoff	11.RD	11-037	168,018
Integrated Modeling for the Assessment of Ecological Impacts of Sea Level Rise	11.RD	16206031-5	83,843
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS Development in SECOORA	11.RD	515170-07-02	256,233
Opportunity to participate in the proposed project entitled "Expansion of the Carolinas Coast Marine Weather Template within the SECOORA Region"	11.RD	515180-08-1	(23)
Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis	11.RD	70NANB9H9007	330,923
Ecological Effects of Sea-Level Rise on Coastal North Carolina Marshes	11.RD	NA04NOS4780264	2,091
Integrating Climate Science and Water Management in the Carolinas	11.RD	NA060AR4310007	100,789
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, S.X. Education and Training Center - Phase III - Exhibits	11.RD	NA06NPS4200041	158,053
Implementation of a Drought Mapping Tool in the Eastern United States	11.RD	NA08OAR4310648	39,122
Improving Radium-based Submarine Groundwater Discharge Estimates: Implications for Coastal Nutrient Cycling	11.RD	NA09NOS4200050	9,008
OHHI 2008: Using Gene Expression Profiles of Estuarine Grass Shrimp (Palaemonetes Pugio) as Biosensors/Monitors of Coastal Ecosystem Health	11.RD	NA09NOS4730070	120,738
Long Daily Historical Climate Reconstructions for Southern Alaska	11.RD	NA09OAR4310089	26,721
Continuing Support of the NERR Centralized Data Management Office	11.RD	NA10NOS4200115	209,913
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA10NOS4200123	77,295
MERHAB 2009: Comparative Analysis of Quantitative Detection Methods for Enumeration of HAB Species: Applications for Resource Management	11.RD	NA10NOS4780141	162,515

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Commerce, continued			
Informing Coastal Management Adaptation Planning and Decision Making for Climate Change Using an Interactive Risk-Based Vulnerability Assessment Tool	11.RD	SERI/NOAA	1,595
Enabling Coastal and Marine Spatial Planning in the South Atlantic through User Engagement, Comprehensive Data Management and Development of Spatial Decision Support Tools	11.RD	SAA.12(007)USC	15,968
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, S.X. Education and Training Center - Phase III - Exhibits	11.RD	NA06NOS4200041	19,627
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA11NOS4200116	522,165
Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office	11.RD	NA11NOS4200149	174,970
Integrating Climate Science and Water Management in the Carolinas	11.RD	NA06OAR4310007	473,745
Carolinas Integrated Sciences and Assessments	11.RD	NA11OAR4310148	83,845
MARFIN: Gray Triggerfish (Balistes Capricus) Life History in the South Atlantic Bight: The Extensive Collection and Analysis of New Data for Age, Growth, and Reproduction and the Comparison with Data From 1992-1997	11.RD	NA11NMF4330130	27,888
Integration of Coastal Observations and Assets in the Carolinas in Support of RCOOS Development in SECOORA	11.RD	515170-07-1	96,513
NIST Summer Undergraduate Research Fellowship Program	11.RD	70NANB12H079	3,500
Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis	11.RD	70NANB9H9007	86,282
South Carolina Sea Grant Consortium			
Enhancement of the Social Vulnerability Index (SoVI) for Use in Assessing Coastal Risk	11.RD	M105	13,421
Characterization of Wave and Current Energy Levels in Estuarine Waters for Ecological and Particulate Dispersion Studies: Case Study Winyah Bay, SC	11.RD	M169	14,520
Determining the Role of Stormwater Ponds as Sources of Bioreactive Organic Carbon and Nitrogen to the Coastal Zone	11.RD	M179	6,187
Determining the Role of Stormwater Ponds as Sources of Bioreactive Organic Carbon and Nitrogen to the Coastal Zone	11.RD	M279	46,177
The Implementation of Low Impact Development Practices for Coastal South Carolina: The Oak Terrace Preserve Research Project	11.RD	R476	291
Implementation of Regional Integrated Ocean Observing Systems Support of RCOOS Development in SECOORA: HF Radar & SC Station Maintenance - FWRI (Year 3: 08/01/2010-07/31/2011)	11.RD	S661	7,123
Implementation of Regional Integrated Ocean Observing Systems Support of RCOOS Development in SECOORA Data Management - USC (Year 3: 08/01/10-07/31/2011)	11.RD	S662	7,662
Assessing the Impact of Salt-Water Intrusion in the Carolinas under Future Climatic and Sea -Level Conditions	11.RD	SA01	1,936
Characterization of Wave and Current Energy Levels in Estuarine Waters for Ecological and Particulate Dispersion Studies: Case Study Winyah Bay, SC	11.RD	M269	11,640
Development of a Novel Genetic Approach to Rapidly Detect and Quantify Fish of Commercially Important Species: a New Tool for Fisheries Management	11.RD	M387	9,164
Assessing Aeration as a Means of Improving Storm water Pond Performance and Reducing Organic Loading to the Coastal Zone	11.RD	M379	8,534
Coastal Climate Extension Specialist Support	11.RD	M109A	15,435
Monitoring of Coastal Wetland Plant Community Change Under A Regime Of Sea Level Rise: Implications for Marsh Migration and Carbon Sequestration	11.RD	WESTERN CAROLIN	5,000
Consequences of Altered Temperature Regimes on the Reproduction, Survival, Growth, and Interactions of Two Key Estuarine Fauna	11.RD	31-2315-01	2,530
Consortium for Ocean Leadership			
The Pacific Equatorial Age Transect: Expedition 320 of the Integrated Ocean Drilling Program	11.RD	T320A65	2,274
Southeast Coastal Ocean Observing Regional Association			
Southeast Coastal Ocean Observing Regional Association (SECOORA): Coordinated Monitoring, Prediction and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools	11.RD	IOOS.11(033)	15,212
Southeast Coastal Ocean Observing Regional Association (SECOORA): Coordinated Monitoring, Prediction and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools (Data Management & Communications)	11.RD	IOOS.11(033)USC	23,128
Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring and Assessment Program to Support Decision-makers Needs for Coastal and Ocean Data and Products: SC HF Radar & Rip-Current Modeling Tasks	11.RD	10OS.11(033)USC	10,057
South Carolina Department of Natural Resources			
MARFIN: Genetic Evaluation of Population Bottlenecks in GAG (Mycteroperca microlepis)	11.RD	SCDNR/NOAA	12,966
Total U.S. Department of Commerce			4,305,497
U.S. Department of Defense			
Passed through programs from:			
University of South Carolina Research Foundation			
Fuel Flexible Durable Power for Portable Applications	12.RD	1000	6,608
Fuel Flexible Durable Power for Portable Applications	12.RD	1000	162,749
Development of 3D Design Tool for Flexible Therman Ground Plane	12.RD	8100003202	56,911
Phase II SBIR: Innovative Micro Air Vehicles & Control Techniques for Urban Environments	12.RD	09S-1343	1,560
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	11-S2601-03-C38	14,452
Robust and Principled Visual Intelligence	12.RD	4104-37298	158,648
Thermal Control of Flow-Processing in Rigid-Rod Nano-Composites	12.RD	5-36925	9,363
Strategic Environmental Research and Development Program - Phase 2	12.RD	6-321-0210294	65,943
High Performance Integrated Insulated-Gate III-Nitride RF Switches	12.RD	A12026	49,082
SBIR Phase I - Conformal Antennas for Unmanned Aircraft System (UAS)	12.RD	AFS11-0084	21,929
High Performance Computer Tool for Predictions of Fatigue Crack Growth and Stable Crack Extension in Aero-structures	12.RD	CORRELATED SOLU	6,567
Standards, Software and Hardware for Multiresolution Maps/Models for UAST in the Absence of A Priori World Models	12.RD	CR-19545-430330	5,933
Fuel Flexible Durable Power for Portable Applications	12.RD	ENGENUITY/DARPA	269,869
Bi-Electrodes Supported Solid Oxide Fuel Cell System: Phase 2	12.RD	ENRG INC	21,908
Corrosion of 7050 FSW's: Phase 1	12.RD	FA7000-10-20013	30,380
DEPSOR 08 - Polymer Nanocomposites as Future Materials for Defense and Energy Applications:			

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U.S. Department of Defense, continued			
Optical Limiting Materials Based on Gold Nanoparticles	12.RD	FA9550-09-10246	108,510
Modeling, Simulation and Sensing of Progressive Damage at Multiple Scales for Performance Prognosis in Metallic and Composite Aero Structures	12.RD	FA9550-09-10543	238,667
DoD FY 2010 Defense University Research Instrumentation Proposal-(DURIP 10) - 3D Visualization of University of South Carolina/Georgia State University Commutative Algebra Seminar	12.RD	H98230-09-10003	(1,400)
Rees Rings and Resolutions in Commutative Algebra	12.RD	H98230-10-10361	12,823
Homological and Positive Characteristic Questions	12.RD	H98230-11-10176	23,520
Phase II STTR Program entitled "Lithium-Ion Cell and Battery Life Modeling to Encompass Wider Life Parameters"	12.RD	HQ0147-09-C7208	59,441
AllN-GaN High Voltage Enhancement Mode HEMT for Power Converters-inverters. (Phase II SBIR)	12.RD	HQ0147-11-C7266	169,536
Personal Power Network	12.RD	N00014-07-10025	84,922
Infusion of a Gaming Paradigm into Computer-Aided Engineering Design Tools	12.RD	N00014-07-10686	44,130
Friction Stir Processing for Mitigation of Pitting Corrosion and Stress Corrosion Cracking in Marine Aluminum Alloys	12.RD	N00014-09-10932	5,734
Development of High Quality 4H-SiC Thick Epitaxy for Reliable High Power Electronics Using Chlorinated Precursors	12.RD	N00014-10-10530	27,883
Simulation Methods for Design of Networked Power Electronics and Information Systems	12.RD	N00014-10-10625	512,288
Shipboard Power Technology Assessment	12.RD	N00014-10-10806	806,271
Block Copolymer Nanodielectrics-Towards High Energy Density Capacitors	12.RD	N00014-11-10191	116,749
Predictive Modeling of Structural Sensing for Navy Applications	12.RD	N00014-11-10271	142,369
Estimation of Salt and Fresh Water Transports in the Bay of Bengal using HYCOM	12.RD	N00014-11-10700	55,375
Algorithms for Planning Under Uncertainty	12.RD	N10AP20015	5,425
Quantum Cutting Core-Shell Nanocrystals for Enhanced Solar Cell Efficiency	12.RD	N66001-10-14031	139,774
AlGaIn MQW Mid UV LEDs Over Sapphire and Bulk AlN	12.RD	NITEK/DARPA	4,093
Power Electronics, Architecture, Controls, and Design Tools for Electric Ship Systems.	12.RD	R00908	1,505,862
Low-loss High-Power Cryogenic RF Switches using III-Nitride MOSFETs Phase II	12.RD	SCT/DOD	54,908
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81SWH-09-20117	126,620
Brain Imaging Research: The Detection of Deception Utilizing HD-ERP, FMRI, and Pupillometry	12.RD	W81XWH-06-10272	1
Cooper Air Quality Program	12.RD	W81XWH-07-C0054	23,520
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81XWH-09-20117	158,772
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81XWH-09-20117	53,533
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)	12.RD	W81XWH-09-20117	97,577
Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)(Carryover of Year One Funds from 11590-FA32)	12.RD	W81XWH-09-20117	4,712
Fort Jackson Identifying Health Barriers	12.RD	W81XWH-09-20117	136,706
{FY09} Fort Jackson Identifying Health Barriers Project: Soldier Health Promotion to Examine and Reduce Health Disparities (SHPERHD)-Option Year One	12.RD	W81XWH-09-20117	545,424
Study of Liquid Metal Anodes for a JP-8 Fuel Cell	12.RD	W911NF-09-C0165	60,231
Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data	12.RD	W911NF-07-10185	746,251
Sensing Biological, Chemical, and Radiation Hazards in Harsh Environments	12.RD	W911NF-08-0299	299,807
Are the Pili Produced by Electrogenic Bacteria Bionanowires	12.RD	W911NF-08-10387	27,553
Bio Templated Synthesis of Composite Nano "Yin Yang"-Rod	12.RD	W911NF-09-10236	123,858
Hydrogen Batteries for the Warfighter	12.RD	W911NF-10-10460	178,741
PWAS EMIS-ECIS Active Carbon Filter Residual Life Estimation Methodology	12.RD	W911NF-11-10210	84,495
Environmental Investigation of the Skeeet Range at Marine Corps Air Station Beaufort	12.RD	W9126G-10-20041	74,865
CESU Cooperative Agreement between Charleston District, US Army Corps of Engineers and the University of South Carolina's Hazards and Vulnerability Research Institute	12.RD	W912HZ-10-20040	3,423
Identification of Blast Pressure Distributions from Explosions Using Full-field Surface Deformation Measurements and Advanced Inverse Analysis Methods	12.RD	Z849901	3,119
Investigation of Microbe-based Proton Exchange Membranes (MPEMs) for Microbial Fuel Cells (MFCs)	12.RD	N00014-11-10873	47,655
Herpetofaunal Survey and Eastern Diamondback Rattlesnake (EDB) Monitoring and Tracking	12.RD	W9126G-11-20073	180,477
Underwater Explosive Detection with a Combined Tunable UV and 532nm Laser Excited Raman Sensors	12.RD	MA120020	14,657
Northern Indian Ocean Salt Transport (NIOST): Estimation of Fresh and Salt Water Transports in the Indian Ocean Using Remote Sensing, Hydrographic Observations, and HYCOM Simulations	12.RD	N00014-12-10454	12,426
Multiscale Model for Micromechanics-Based Prediction of Material Surface Behavior due to Extreme Hydrodynamic Loads	12.RD	N00014-11-10925	64,639
Support for Commissioning of PEBB based Distribution System Test-bed	12.RD	R01353	383
Investigation of Distributed versus Centralized Control of Power Electronic Converters in a Naval Test System	12.RD	N00014-11-10529	209,468
USC Participation in the AUFOS NICOP Project with Australia	12.RD	N00014-12-10653	1,227
Mechanisms of Enhanced Flow Boiling with High Frequency Self-Modulated Microbubble-Switched Oscillations	12.RD	N00014-12-10724	14,649
Characterization of Heavy Metals in Fauna Collected from Small Arms Firing Ranges at Parris Island, SC	12.RD	W9126G-11-20070	50,200
Analysis Completion Funding Data Recovery at Two Sites on Fort Jackson, Richland County, South Carolina	12.RD	W9126G-11-20062	17,234
Estonian Defense Community HIV/STI Education and Prevention Program	12.RD	N00244-11-10007	176,495
Towards Water-Free Biologics	12.RD	U OF MICHIGAN	203,318
Foundations of Broadband Multifunctional Metamaterials Inspired by the Analogy of Formation	12.RD	W911NF-12-10138	13,640
Developing Predicting Capability for Nanoparticle Aggregation and Aggregate Structure Evolution in Biologically Relevant Systems	12.RD	733448	36,991
Predictive Sensing for Space Applications	12.RD	FA9550-11-10133	122,252
Metallic Material Image Segmentation by Using 3D Grain Structure Consistency and Intra/Inter-Grain Model Information	12.RD	FA9550-11-10327	66,843
Multiscale Mathematics for Nano-Particle-Endowed Active Membranes and Films	12.RD	FA9550-12-10178	20,476
Polynomial Problems in Analytic Number Theory	12.RD	H98230-12-10240	15,498
High Power and Long Life SOFC Systems Powered by JP-8	12.RD	N66001-11-14140	147,419
Vitamin D and Related Genes, Race and Prostate Cancer Aggressiveness	12.RD	W81XWH-11-10568	66,584

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the year ended June 30, 2012

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Defense, continued			
UV Spatial Heterodyne Spectrometer for the UH Applied Research Laboratory (ARL)	12.RD	ZA01339-01	26,834
Modeling of Lithium-ion Cell Performance	12.RD	HQ0147-11-C7664	27,090
Development of Physics-Based Predictive Computational Model for Submerged Implodable Payloads	12.RD	SP0005013-04667	43,758
SBIR topic - AF093-179 Built-In Damage State Detection and Localization Capabilities for Composite Engine Structures (Phase II)	12.RD	A711030012SC200	10,157
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	11-S2602-04-C25	41,907
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	12-S2603-04-C01	1,796
IVC Filter with Triggered Resorption	12.RD	9651011199	8,836
University of South Carolina Nuclear Engineering Faculty Excellence Program	12.RD	NRCHQ11G380009	43,020
Liquid-Fueled Solid Oxide Fuel Cells	12.RD	W911NF-11-C0072	43,799
Professional Development Training and Support Fellowship	12.RD	1182583	62,948
Nano-Lubricant/Fluid for Improved Weapons Systems	12.RD	NEI CORP	8,737
Models and Self Calibrating Standoff Sensing Approach For Drive Train Prognostics	12.RD	C099110017	74,358
Collaborative DoD DURIP Proposal: A Distributed Platform For Capturing, Analyzing, and Combating Botnet Attacks	12.RD	FA9550-09-10165	23,873
South Carolina Adjutant General's Office			
Evaluation of an Inadvertent Discovery, McCrady Training Facility	12.RD	4100018111	6,491
Evaluation of Inadvertent Discovery and Workshop Planning	12.RD	4500019536	3,694
South Carolina National Guard			
US Army Aviation and Missile Commands - Condition Based Maintenance Program: Aircraft Components Testing (CLIN0012)	12.RD	W912QG-08-D0001	500,000
Achieving CBM Goals: Effects of Controlling Vibration on AH-64D Apache Operating Costs and Readiness Rates (CLIN 0011)	12.RD	W912QG-08-D1001	637,812
Comprehensive Rotary-Wing Aircraft Research Plan in Support of the U.S. Army Conditioned Based Maintenance Program: Regime Recognition and Testing of Components(CLIN 0005)	12.RD	W912QG-08-D1001	330,951
Comprehensive Rotary-Wing Aircraft Research Plan in Support of the U.S. Army Conditioned Based Maintenance Program: Regime Recognition and Testing of Components(CLIN 0009)	12.RD	W912QG-08-D1001	272,503
Survey of 35 Acres at the Donaldson Center, Greenville, South Carolina	12.RD	4100022760	10,037
Development of a Historic Context for the Modern SCARNG(1950 to 1991)	12.RD	4100022757	28,965
CBM: Natural Language Processing Applied to the V-22 (Osprey) Platform Date	12.RD	W912QG08D0001DU	100,000
On-Site Graduate Assistant For Cultural Resources Management At McCrady Training Facility	12.RD	SC ARMY NATL GU	17,042
Benedict College			
Materials Development and Mechanism Exploration of Novel MC/BZY Proton Conductor for Low Temperature Solid Oxide Electrochemical Cells	12.RD	W911NF-10-R0006	103,948
Clafin University			
Design, Synthesis, and Study of New Metal-Organic Frameworks Built from Multifunctional Ligands	12.RD	W911NF-11-10225	37,500
Medical University of South Carolina			
Junior Doctors of Health - DOD	12.RD	MUSC/DOD	13,304
South Carolina Research Authority			
Troop Recruit Improvement (TRIM) - Coordinating Center	12.RD	2008-36	33,692
Exercise: A Novel Treatment for Combat PTSD	12.RD	W81XWH-08-20159	66,395
CDMRP TBI/PTSD Study Site	12.RD	2009-115	11,101
Total U.S. Department of Defense			11,821,069
U.S. Department of Interior			
Passed through programs from:			
Clemson University			
Sediment Phosphorus Flux Measurement in Lake Wateree, SC	15.RD	14272132095283	8,622
South Carolina Department of Natural Resources			
Assessing Introgressive Hybridization Within and Habitat Requirements of Native South Carolina Redeye Bass (Micropterus coosae)	15.RD	00780-94831	13,589
Habitat Characterization of Seepage Slope Wetlands on the SC Coastal Plain	15.RD	SCDNR	20,336
South Carolina Research Foundation			
Archaeological Services at Williamson's Plantation	00.RD	YCHM/NPS	12
Summer Consortium Fieldschool 2011, Salt River Bay, USVI	15.RD	571340-11-01	13,296
Benthic Boundary Layer Sediment Transport in the Carolinas	15.RD	G03AC00007	19,777
CESU: Application of a Process Based Numerical Coastal Simulation Model to USGS Data Collection	15.RD	G09AC00334	1,311
The Archeology of Civil War Naval Operations at Charleston Harbor	15.RD	GA-2255-08-025	1,492
Snow's Island Battlefield National Register Nomination Revision	15.RD	GA-2255-08-027	201
Reconnaissance Study of Sherman's Campaign Through South Carolina	15.RD	GA-2255-10-019	12,146
Plant Specimen Preparation for United States Park Service	15.RD	H5000085041	3,117
Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD	H5000085100	54,523
Preservation and Access: The Archaeology of Slave Life at Yaughan and Curribooo, SC	15.RD	ST-03-10-001010	63,283
Identifying and Integrating Optimal Cultural and Natural Sustainability Strategies For the South Atlantic Landscape Conservation Cooperative Region	15.RD	F11AC01185	33,716
Reconnaissance Study of Sherman's Campaign Through South Carolina (Year 2)	15.RD	GA-225-11-020	35,678
Ackia and Ogoula Tchetoka: Defining Two 1736 Battlefields of the French-Chickasaw War, Tupelo Mississippi	15.RD	GA-2255-11-019	10,789
Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD	H8000085100	22,216
Sediment Trapping Program in the Gulf of Mexico	15.RD	G11PX01039	12,783
Integrating Edaphic Variation into Analyses of Ecosystem Structure and Function at Lava Beds National Monument ((LABE Soil Sampling)	15.RD	P8410090054	2,496
Magnitude and Pattern of Floodplain Sedimentation in the Bates Fork Tract, Congaree National Park - CESU	15.RD	P11PT50855	3,431
Total U.S. Department of Interior			332,814

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Justice			
Passed through programs from:			
South Carolina Research Foundation			
Women's Pathways to Jail	16.RD	10-358C	84,642
Perceptions of the Organization and Violence of Gangs	16.RD	2008-DD-BS-0526	1,476
Building Bridges between Police Researchers and Practitioners: Agents of Change in a Complex World	16.RD	2009-IJ-CX-0204	113,429
Evaluation of Statistical Measures for Fiber Comparisons: Interlaboratory Studies and Forensic Databases	16.RD	2010-DN-BX-K220	270,900
Validation of Forensic Characterization and Chemical Identification of Dyes Extracted from Millimeter-length Fibers	16.RD	2010-DN-BX-K245	51,715
Assessing the Relationship between Exposure to Violence and Inmate Maladjustment Within and Across State Correctional Facilities	16.RD	2011-IF-CX-0003	20,964
Evidence-Based Solutions to Reduce Law Enforcement Officer Vehicular Crashes	16.RD	2011-DJ-BX-3497	33,419
Multimode Imaging in the Thermal Infrared: Validation for Blood, Extension to Latent Prints	16.RD	2011-IJ-CX-K055	113,971
Medical University of South Carolina			
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention, Investigations, and Treatment	16.RD	MUSC11-088	9,404
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention, Investigations, and Treatment	16.RD	MUSC11-062	27,646
Total U.S. Department of Justice			727,566
U.S. Department of State			
Passed through programs from:			
Council for International Exchange of Scholars			
Blood of the Vine: A Religious History of Wine in the Middle Ages	19.RD	FFAC/DOS	17,772
Total U.S. Department of State			17,772
U.S. Department of Transportation			
Passed through programs from:			
South Carolina Department of Transportation			
Behavior of Pile to Pile-cap Connections Subjected to Seismic Forces	20.RD	672	127,399
Cost Indexing and Unit Price Adjustments for Construction Materials	20.RD	1298	4,081
Total U.S. Department of Transportation			131,480
Library of Congress			
Passed through programs from:			
South Carolina Research Foundation			
Basic Film Preservation Grant: Frontier Post	42.RD	FED11-053	8,025
Total Library of Congress			8,025
National Aeronautics and Space Administration			
Passed through programs from:			
College of Charleston			
USC-SC Space Grant Consortium Renewal 2010-2011	43.RD	18-SG-USC LI DI	50
Research Initiation with NASA's Lyndon B. Johnson Space Center - Development of Constraint Based Fatigue Crack Growth Models for NASA's Fracture Control Program	43.RD	18SGUSCCHAORFI	1,862
Unitized Regenerative Solid Oxide Fuel Cell Technology to Support NASA's Planetary Exploration Missions	43.RD	18SG-USC-CHENPA	16,869
Development of Advanced Unitized Regenerative Fuel Cell	43.RD	520726USCEPSCOR	57,020
Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions	43.RD	520880CHENEPSCO	55,292
Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions	43.RD	520880CHENEPSCO	33,563
Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions	43.RD	520880CHENEPSCO	86,676
Development of Rapid Cycle Pressure Swing Adsorption Oxygen Concentrators for Extraterrestrial Applications	43.RD	USCEPSCORRITTER	193,898
South Carolina Research Foundation			
Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers	43.RD	1349008	48,584
Mapping Dust in Galaxies with Spitzer IRAC Imaging of Back-lit Galaxy Pairs	43.RD	1414829	316
The Application of Remotely Sensed Data and Models to Benefit Conservation and Restoration Along the Northern Gulf of Mexico Coast	43.RD	03460-06	4,762
Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators	43.RD	NCC-9-58-374	266,292
Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels	43.RD	NNX07AF20G	84,047
Viewing the World Through Nonhuman Eyes: Exploring the Links between Remote Sensing, Climate Change and Coastal Ecosystems	43.RD	NNX07AF20G	14,499
Ecological Forecasting and Hindcasting of Biodiversity Responses to Climate Change: From MODIS to Mussels	43.RD	NNX07AF20G	91,157
Indian Ocean Response to ENSO and IOD using Satellite Observations	43.RD	NNX08A033G	8,556
Aiding Mobile Bay, AL Conservation and Restoration with Landsat Data from 1974-present	43.RD	NNX10AC57G	46,336
The Use of Geospatial and Remotely Sensed Data and Technology in State- and Representative Federal/Local Level Hazard-Related Offices	43.RD	NNX10AT96G	54,978
ICESCAPES 2011-2014	43.RD	NNX11AF65G	78,224
Spatial and Temporal Variability in Chlorophyll, Primary Production and Export Production in the Southern Ocean	43.RD	PO#10294774	10,031
Physiological Impacts of Climate Change Using Remote Sensing	43.RD	NASA	156,103
Physiological Impacts of Climate Change Using Remote Sensing	43.RD	NNX11AP77G	49,864
Physiological Impacts of Climate Change Using Remote Sensing	43.RD	NNX11AP77G	45,482
Inflammation in Downhill Running: Role of Macrophages	43.RD	ACSM/NASA	5,000
Molecules in the Distant Universe: Herschel Spectroscopy of Damped Lyman-alpha Quasar Absorbers	43.RD	1427151	9,390

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
National Aeronautics and Space Administration, continued			
Rings of Fire: A Spitzer IRAC Study of Polar Ring Galaxies	43.RD	1438611/710076	4,139
Sub-Damped Lyman-alpha Absorbers at z < 0.6: An Unexplored Terrain In the Quest for Cosmic Metals	43.RD	HST-GO-1253601A	1,781
Friction Stir Welding Research in the Center for Friction Stir Processing	43.RD	7100073276	33,268
South Carolina Space Grant Consortium			
A Search for Galaxies producing Metal-rich Quasar Absorbers	43.RD	520589	10,000
South Carolina Space Grant Consortium Graduate Fellowship - for Ms. Eileen Miller	43.RD	520589	1,408
Durability of MEA Fuel Cell Materials for Space Applications	43.RD	520589	8,681
Calibration and Validation of SMOS and Aquarius Ocean Salinity data	43.RD	520589	6,889
Estimation of Fresh and Salt Water Transports in the Indian Ocean using NASA Aquarius Sea Surface Salinity Data	43.RD	520589	3,461
Novel Electrode Design for Unitized Regenerative Solid Oxide Fuel Cell	43.RD	520711	27,976
Development of A Combined Photo elasticity and Digital Image Correlation Method for Mechanical Characterization of Ionomer Membranes	43.RD	520797	3,592
Next Generation Energy Storage Technology for Space Exploration	43.RD	520843	8,000
High Performance and Durable Membrane Electrode Assembly for Space Applications	43.RD	520843	6,507
Compact Adsorption Systems for Extracting EVA Oxygen from Spacecraft and Habitat Air	43.RD	520829	13,950
Novel Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions	43.RD	19-SG-USC-CHEN	4,200
The Use of Satellite Spectral Imaging, Remote Sensing Technologies To Detect Climate Change Induced Plant Stress	43.RD	SC SPACE GRANT	3,090
Total National Aeronautics and Space Administration			1,555,793
National Endowment for the Humanities			
A Digital Edition of the Writings of Eliza Lucas Pinckney and Harriott Pinckney Horry, Request for One Year Additional Funding	45.RD	RQ-50452-10	26,822
Passed through programs from:			
South Carolina Research Foundation			
War by Other Means: Perspectives on Insurgencies	45.RD	11-1403-1	5,559
NASA EPSCoR 2010: Fundamental and Applied Studies in Friction Based Consolidation and Extrusion of Finely Divided Metals	45.RD	520879-USC	158,971
History Simulation for Teaching Early Modern British History	45.RD	HD-51230-11	41,041
An Open Source Application for Image-Based Digital Reproduction of Optical Film Sound (Summary)	45.RD	PR-50122.11	185,721
Assessing the Value of Public Library Services: A Review of the Literature and Meta-Analysis (META)	45.RD	RE-04-08-0047	45,012
USCL Native American Folklife Documentation Project: Phase 2	45.RD	FY12FLKORG14853	4,300
Women's Rights, Family Values, and the Transformation of American Political Culture in the 1970's	45.RD	FA-55475-10	50,400
High Performance Computing Collaboratory	45.RD	HT-50046-11	43,403
McKissick Museum: Natural Science Collections Inventory & Cataloging Project	45.RD	MA-05-11-031911	57,440
American Council of Learned Societies			
ACLS Humanities Research in China Weiqi Nation: Chinese Masculinities and Constructions of a Nostalgic Modernity	45.RD	ACLS/NEH	34,000
Total National Endowment for the Humanities			652,669
National Science Foundation			
NSF Graduate Fellowship - Jennifer Fill	47.RD	DGE-0929297	40,556
NSF Graduate Fellowship - Benjamin Toscano	47.RD	DGE-0929297	34,790
NSF Graduate Fellowship	47.RD	DGE-0929297	40,500
Passed through programs from:			
South Carolina Research Authority			
ARRA - Computational Science at the University of South Carolina Beaufort	47.RD	20030194/TO0084	144,210
ARRA - An ESCoR Desktop to Teragrid Ecosystem: Integrating Campus-based with National Cyberinfrastructure in a Flat World	47.RD	20030194/TO0086	335,598
ARRA - EPSCoR RII Cyber Connectivity Proposal (RII C2)	47.RD	20030194/TO0096	52,045
SCRA/USC Agreement for EPSCoR Director	47.RD	SCRA/NSF	155,905
Experimental Program to Stimulate Competitive Research & Institutional Development (RII)	47.RD	TO0084-0085	1,175,369
Minority Undergraduate Research on Nickel Toxicity Mechanisms	47.RD	20030194/TO0120	1,780
Acquisition an Instrument to Retain an African American Student	47.RD	TO111	6,000
Microwave Synthesizer for Mechanistic Investigations of Silylation Based Kinetic Resolutions and Monomer and Peptide Synthesis	47.RD	TO 0114	6,000
A Multifunctional Far-Field Nanoscopic System for Biofabrication	47.RD	20030194/TO0107	23,640
GEAR Grant 10-105: Thrust III Request: Infrastructure for Geometric and Mechanical Characterization of Native and Remodeling Vasculature	47.RD	20030194/TO0103	38,899
GEAR: Ad hoc Computational Support of SC Project Activities	47.RD	20030194/TO0104	10,000
Recruitment to Enhance Diversity in Biomedical Sciences	47.RD	20030194	1,636
Support for Student Travel to the 2001 Annual Biomedical Research Conference for Minority Students (ABRCMS)	47.RD	20030194/TO0101	4,300
South Carolina Research Foundation			
Plum Island Ecosystems LTER	47.RD	24095	7,313
Plum Island Ecosystems LTER	47.RD	40618	36,703
Collaborative Research (ETBC): Climate Warming and Northern Peatland Decomposition, Accumulation and Carbon Sequestration Examined Through Molecular and Paleohydrological Analysis	47.RD	0843417	111,999
ARRA - CAREER: Computational Analysis and Prediction of Genome-wide Protein Targeting Signals and Localizations	47.RD	0845381	135,224
ARRA - CAREER: Integrated Modeling for Watershed Management	47.RD	0846244	110,948
ARRA - CAREER: Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS)	47.RD	0846258	86,219
ARRA - CAREER: (REU Supplement) Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS) - ARRA	47.RD	0846258	4,008
ARRA - REU Site: Sustainable Energy in Chemical Engineering	47.RD	0851997	79,576
ARRA - The Study of Nuclear Physics with Intermediate Energy Probes	47.RD	0856010	456,608
ARRA - Collaborative Research: Understanding Whole-genome Evolution through Petascale Simulation	47.RD	0904179	58,186
Application of Greedy Approximations in Numerical Integration and Learning Theory	47.RD	0906260	50,892
ARRA - Collaborative Research on Mathematical Constructs for Multiphase Complex Fluids	47.RD	0908330	36,025

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National Science Foundation, continued			
ARRA - Damped and Sub-damped Lyman-Alpha Absorbers: What Are They, and What Do They Tell Us About Galaxy Evolution	47.RD	0908890	105,594
ARRA - Study on Algorithms and Applications of Centroidal Voronoi Tessellations	47.RD	0913491	63,650
ARRA - Co-Processors for High-Performance Genome Analysis	47.RD	0915608	18,107
ARRA - NETS: Small: RUI: Dynamic Indoor Location Computing and Benchmarking	47.RD	0916012	74,689
TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic	47.RD	0916857	64,213
ARRA - NeTS: Small: Collaborative: Transmission Re-Ordering in Wireless Networks: Protocols and Practice	47.RD	0917020	145,122
ARRA - Regulation of Meristem Function by ALI Proteins	47.RD	0922367	75,379
ARRA - Fairness and the Provision of Public Goods	47.RD	0925165	33,905
ARRA - Novel Experimental and Theoretical Approaches to Understand Biomechanics of Atherosclerotic Plaque Rupture	47.RD	0926301	67,058
Collaborative Research: GEOTRACES Atlantic Section: Trace Element Sources and Sinks Elucidated by Short-Lived Radium and Thorium Isotopes	47.RD	0926559	6,662
Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystem across a Cascade of Scales	47.RD	0926581	45,155
Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystem across a Cascade of Scales	47.RD	0926581	206,394
ARRA - Linking Infaunal Hydraulic Activities, Porewater Flow and Biogeochemical Processes in Marine Sediments	47.RD	0928002	190,177
ARRA - Collaborative Research: Serpentinization and Cycling of B, Nd and Sr in Submarine Hydrothermal Systems: An Experimental Study on the Effects of pH and Temperature	47.RD	0928280	36,213
ARRA - Multiscale Modeling of Bifunctional Catalysts for the Water-Gas-Shift Reaction	47.RD	0932991	160,920
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment	47.RD	0933484	18,153
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment	47.RD	0933484	9,441
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate and Effects in the Aquatic Environment	47.RD	0933484	24,766
ARRA - Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC	47.RD	0934319	30,731
ARRA - Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems	47.RD	0934378	87,455
Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems (REU Supplement)	47.RD	0934378	24,000
CMG Collaborative Research - Geological Storage of Carbon Dioxide (CO2): New Simulation Approaches for Large-scale Modeling and Leakage Estimation	47.RD	0934747	42,753
ARRA - Creating Industry-Ready PhD Graduates	47.RD	0935039	13,931
EAGER: Grouping Features for Object Localization and Image Search	47.RD	0951754	2,797
Collaborative Research: US GEOTRACES North Atlantic Section - Nd Isotope Distribution: Sources, Sinks and Internal Cycling	47.RD	0926981	122,885
ADVANCE IT-Catalyst Advancing USC STEM Faculty	47.RD	HRD-1008336	69,987
Ligand Design for Molecular and Supramolecular Control of the Structures of Metal Complexes: Investigations of Unusual Magnetic Properties	47.RD	1011736	124,700
Self-assembled Organic Nanotubes from Cyclic Ureas	47.RD	1012298	126,995
NeTS: Small: Collaborative: PHY-Informed Networking (PHY-IN): Rethinking Wireless Protocol Design with the Knowledge of PHY	47.RD	1017276	29,760
Doctoral Dissertation Research in DRMS: Influence of Risk, Uncertainty, and Scale on Coastal Adaptation Priorities	47.RD	1023448	2,207
High Risk: Deltaic Resilience and the Genesis of Mesopotamian Cities (Iraq)	47.RD	1045974	4,262
USCA Cognitive Neuroscience Learning Community	47.RD	1020906	26,598
Characterization of the Liquefaction Resistance of Aged Soils	47.RD	108075582062005	10,992
Simulation of Neutrino Interactions in a Water Cerenkov Detector art DUSEL	47.RD	09-000769	39,696
Graphene Based NO x Detector	47.RD	1058439/41878	28,623
NIRT: Intuitive Toxicology and Public Engagement	47.RD	2008-0919-02	45,037
Development of a complete Kaon Detection System for Hall C at 12 GeV Jlab	47.RD	363460-SUB 2	2,921
Designed Interfaces on Nanoparticles via RAFT Polymerization	47.RD	5-25006	16,062
DataNet Federation Consortium	47.RD	5-37147	37,451
SCAMP Phase II Proposal entitled "Strengthening and Expanding the STEM Pipeline: A Pathway to Success."	47.RD	09581002SCAMPUS	72,613
SCAMP Phase II: Strengthening and Expanding the STEM Pipeline: A Pathway to Success	47.RD	11-581004SCAMP	80,308
NCED (National Centre for Earth Surface Dynamics)	47.RD	A536621617	7,645
Designed Interfaces in Polymer Nanocomposites via RAFT Polymerization	47.RD	A12024	39,355
Collaborative Research: Measurement and Modeling of Aerodynamic Interactions between Tree-Sway Motion and Turbulence in and above a Forest Canopy	47.RD	AGS-1117922	30,726
Collaborative Research: Free-Drifting Icebergs as Proliferating Dispersion Sites of Iron Enrichment, Organic Carbon Production and Export in the Southern Ocean	47.RD	ANT-0636319	271
Collaborative Research: Free-Drifting Icebergs as Proliferating Dispersion Sites of Iron Enrichment, Organic Carbon Production and Export in the Southern Ocean	47.RD	ANT-0636319	303
Collaborative Research: IPY: Testing the Polar Gateway Hypothesis: An Integrated Record of Drake Passage Opening and Antarctic Glaciation	47.RD	ANT-0732995	42,178
Ocean Acidification-Category 1: Identifying Adaptive Responses of Polar Fishes in a Vulnerable Ecosystem	47.RD	ANT-1040945	132,852
Tracing Evolution of Metals and Stars in Galaxies with Quasar Absorption Lines	47.RD	AST-0607739	6,934
Collaborative Research: Spectral Diagnostics of Heavy Elements at High Redshift	47.RD	AST-1108830	6,004
Developmental Changes in the Strength of Infants' Object Representations	47.RD	BCS-0721166	10,793
CAREER: Extracting and Understanding Complex Patterns in Spatial Interactions-A Computational-Visual Framework	47.RD	BCS-0748813	56,010
The Neural Basis of Processing Discourse Reference	47.RD	BCS-0822617	75,175
Savannah Valley Frontier Project	47.RD	BCS-0852686	29,913
SGER: Transcription of Traditional Appalachian Speech	47.RD	BCS-0855904	136
Collaborative Research: Places of Worship and the Politics of Citizenship: Immigrants and Communities of Faith in the New South	47.RD	BCS-1021666	47,831
Doctoral Dissertation Improvement Grant: Food and Slave Community Organization on a French Colonial Plantation: A Zooarchaeological Investigation of Subsistence Practices at Habitation Creve Coeur, Martinique	47.RD	BCS-1117214	10,243

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National Science Foundation, continued			
REU: The Neural Basis of Processing Discourse Reference	47.RD	BSC-0822617	8,102
Collaborative Research: Small-Scale Variability in Aeolian Sand Transport	47.RD	BCS-1063441	65,903
Gaze Control during Scene Viewing: Behavioral and Computational Approaches	47.RD	BCS-1151358	6,268
Doctoral Dissertation Research: The Impact of Paper Versus Digital Map Technology on Students' Spatial Thinking Skill Acquisition	47.RD	BCS-1201873	1,177
CAREER: Amyloid Fibril Formation in Bulk Solution and on Supported Phospholipid Bilayers	47.RD	CBET-0644826	1,869
Graduate Research Supplement (GRS): CAREER: Amyloid Fibril Formation in Bulk Solution and on Supported Phospholipid	47.RD	CBET-0644826	29,476
REU Supplement: CAREER: Amyloid Fibril Formation in Bulk Solution and on Supported Phospholipid Bilayers	47.RD	CBET-0644826	9,500
Operando Vibrational Spectroscopic Investigation of Heterogeneous Asymmetric Hydrogenation	47.RD	CBET-0756089	32,260
GOALI: Collaborative Research: Phase Behavior and Reactivity of a Hygroscopic System	47.RD	CBET-0756394	2,398
Engineering Bone Formation in Multi-Functional Nanocomposite Scaffolds	47.RD	CBET-0828897	566
New Strategies for Improved Molecularly Imprinted Polymers	47.RD	CBET-0828897	566
Collaborative Research: Preparation, Characterization, and Evaluation of Bimetallic Catalysts Using Electroless Deposition Methods for the Selective Oxidation of Biomass-Related Alcohols	47.RD	CBET-0854339	38,206
GRS: Preparation, Characterization, and Evaluation of Bimetallic Catalysts Using Electroless Deposition Methods for the Selective Oxidation of Biomass-Related Alcohols	47.RD	CBET-0854339	54,841
Complex Hydrides of Lithium, Aluminum and Boron for Hydrogen Storage	47.RD	CBET-0933626	103,146
Development of Ultra-low Loading Platinum Alloy Cathode Catalysts for PEM Fuel Cells: Theoretical and Experimental Studies	47.RD	CBET0966956	122,972
Development of High Performance Cathode for Intermediate-Temperature Solid Oxide Fuel Cells Via Impregnation	47.RD	CBET0967166	21,963
BME: Engineering the Surface Chemistry of Nanoparticles: A Two-Stage Attack on Infection Biofilms	47.RD	CBET-1032579	103,161
BME: Engineering the Surface Chemistry of Nanoparticles: A Two-Stage Attack on Infection Biofilms	47.RD	CBET-1032579	89,915
Development of a Multifunctional Far-Field Nanoscopic System for Multidisciplinary Research	47.RD	CBET-1040227	473,703
CAREER: Hydrothermal Carbonization of Mixed Feedstocks: Implications for Sustainable Waste Management	47.RD	CBET-1055327	74,094
Engineered Nanoparticles for Tumor Targeting	47.RD	CBET-0931998	8,573
Fundamental Study of the Degradation Mechanisms of Polymer Electrolyte Membranes for PEM Fuel Cells	47.RD	CBET-036404	41,859
Negotiation Networks	47.RD	CCF-0829580	23,830
REU Supplement: "Negotiation Networks"	47.RD	CCF-0829580	5,206
CAREER: Design Automation for High-Performance Reconfigurable Computing	47.RD	CCF-0844951	121,142
REU Supplement: CAREER: Design Automation for High-Performance Reconfigurable Computing	47.RD	CCF-0844951	9,330
AF: Small: Computational Complexity from Physical Constraints	47.RD	CCF-0915948	71,120
Collaborative Research: CIC (SEA): Using the Cloud to Model and Manage Large Watershed Systems	47.RD	CCF-1048125	30,603
CAREER: Studying Flow Velocity Field in Nanofluidics with a Far-Field Nanoscopic Velocimetry	47.RD	CGT0954977	37,403
CAREER: Development of Hierarchical Plant Virus Assemblies for Probing Cell-Matrix Interactions	47.RD	CHE-0748690	168,440
Condensed-Phase Dynamics Resolved by Multidimensional Population Spectroscopy	47.RD	CHE-0809306	43,000
Oxide-supported Bimetallic Au Clusters as Catalysts for Epoxidation and Oxidation Reactions	47.RD	CHE-0845788	36,536
A Molecular Balance for Studying the Non-Covalent Interactions of Aromatic Surfaces	47.RD	CHE-0911616	122,374
MRI: Acquisition of a Dispersive Raman Microscope for Spectroscopy and Imaging Applications of Novel Materials and Biological Samples	47.RD	CHE-1040041	4,931
Acquisition of a Computer Cluster for Wide-Range Chemical Applications and Education	47.RD	CHE-1048629	50,984
CAREER: Asymmetric Silylation of Secondary Alcohols and Mechanistic Investigations	47.RD	CHE-1055616	135,020
CAREER: Approximate Description of Nuclear Quantum Effects Applicable to Large Molecular Systems	47.RD	CHE-1056188	87,375
Multidimensional Incoherent Spectroscopy for Measuring Condensed-Phase Dynamics	47.RD	CHE111530	61,773
Synthesis of Polynuclear Transition Metal - Heavy Main Group Metal Carbonyl Complexes for Use as Next-Generation Multimetallic Heterogeneous Nano-Catalysts	47.RD	CHE-1111496	139,065
Programmable Polymers Based on Restricted Rotation	47.RD	CHE-1112431	50,226
The Recovery Divide: Sociospatial Disparities in Disaster Recovery from Hurricane Katrina along Mississippi's Gulf Coast	47.RD	CMMI-0623991	97,655
Reprogrammable Parallel Nanomanufacturing	47.RD	CMMI-0700458	17,254
Development and Implementation of Staggered BEM-FEM for the Assessment of Vibrations Induced by High Speed Trains	47.RD	CMMI-0800414	3,929
Collaborative Research: Investigating Bacteria-Surface Interactions by Surface Engineering and Mathematical Modeling	47.RD	CMMI-0849317	27,267
Exact Modeling of Power and Energy Transduction for Optimum Design of Structurally-Integrated Thin-Film Active Sensors	47.RD	CMMI-0925466	17,708
High Throughput Manufacturing of Carbide Nanowire-Carbon Microfiber Hybrid Structures and Polymer Composites from Cotton Textiles	47.RD	CMMI0968843	24,485
Self-Rising Approach to Synthesize Hierarchically Porous Mixed Ionic and Electronic Conducting Cathodes for Solid Oxide Fuel Cells	47.RD	CMMI1000068	95,801
Synergistic Modeling: Manufacture and Design of 'Nano' Microstructures	47.RD	CMMI-1030162	96,168
Collaborative Research: Mixed Ionic Electronic Conducting Cathodes for Intermediate Temperature Solid Oxide Fuel Cells	47.RD	CMMI-1030731	52,023
Rapid: Field Data on Levee Breaches	47.RD	CMMI-1068116	11,848
Simulation of Integrated Urban infrastructure Systems using Component-based Modeling	47.RD	CMMI-1100227	41,084
Collaborative Research: Pattern Transfer Nano manufacturing with Magnetically-Recorded Nano templates	47.RD	CMMI-1130636	9,581
REU Supplement: Collaborative Research: Pattern Transfer Nanomanufacturing with Magnetically-recorded Nanotemplates	47.RD	CMMI-1130636	1,000
EAGER: Rapid and Affordable Repair of Substandard Confined Masonry	47.RD	CMMI-1049483	21,158
Collaborative Research: Resilient and Sustainable Engineered Fiber-Reinforced Earthen Masonry for Windstorm Regions	47.RD	CMMI-1131161	26,499
REU Supplement: Lime-Stabilized Earth Blocks with Recycled Plastic Reinforcement for Hazard for Hazard Resilience	47.RD	CMMI-1131161	2,843
Integrated Multi-physicochemical Processes Induced Stresses to Study Structural Reliability for Solid Oxide Fuel Cells: Modeling and Experiments	47.RD	CMMI-1100085	15,986
Flexible Core/Shell Nanocable - Carbon Microfiber Hybrid Composite Electrodes for High-Performance Super capacitors	47.RD	CMMI-1129979	563
CAREER: Disruption Tolerant Routing in Wired and Wireless Networks	47.RD	CNS-0448272	13,124
CAREER: THAWS--Towards Highly Available Wireless Services	47.RD	CNS-0845671	98,016
CAREER: THAWS--Towards Highly Available Wireless Services (REU Supplement)	47.RD	CNS-0845671	9,497
REU Site: Multidisciplinary Research in Secure Computing	47.RD	CNS-1004899	92,970

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National Science Foundation, continued			
REU Supplement - TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic	47.RD	CNS-0916857	15,508
REU Supplement: NeTS: Small: Collaborative: PHY-Informed Networking (PHY-IN): Rethinking Wireless Protocol Design with the Knowledge of PHY	47.RD	CNS-1017276	15,071
A Genetic Stock Center for Peromyscus	47.RD	DBI-0742680	16,610
QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing	47.RD	DBI-0959427	13,306
QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing	47.RD	DBI-0959427	62,554
CSBR: Living Stocks-Interim Support for a Genetic Stock Center for Peromyscus	47.RD	DBI-1154312	94,354
QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing	47.RD	DBI0959427	110,744
Collaborative Research: Exploration of the Mechanistic Basis and Biogeochemical Implications of Differential Nutrient Limitation among Trophic Levels	47.RD	DEB-0816489	48,213
EAGER: The Joint Ecological and Genetic Dynamics of Metapopulation Extinction	47.RD	DEB-0951188	8,265
LTREB: Long Term Studies of Salt Marsh Primary Production	47.RD	DEB-1052636	81,222
Career: Linking Microbial Phylogenetic and Functional Gene Diversity to Microbial Mat Ecosystem Function Following Environmental Disturbance	47.RD	DEB-1149447	36,487
Collaborative Research: Impact of Salt Water Intrusion on C Storage in Tidal Freshwater Wetlands: Assessing the Amount, Age and Fate of Mobilized C	47.RD	DEB-1127958	95,907
NSF Graduate Fellowship	47.RD	DGE-0929297	4,100
Synthesis of Functional Composite Nanofibers Templated by 1D Self-assembly of Tobacco Mosaic Virus	47.RD	DMR-0706431	144,391
Materials Discovery by Crystal Growth: A Synthetic Strategy to Prepare Complex Oxides from High Temperature Solutions	47.RD	DMR-0804209	10,586
CAREER: Spin-Polarized Currents in Nanostructures	47.RD	DMR-0847159	62,473
Mechanistic Studies of Oxygen Electrodes with Simultaneous High Activity and Stability for Solid Oxide Fuel Cells	47.RD	DMR-1006113	126,016
Microengineered Osteon-Mimetic Composite	47.RD	DMR-1049381	171,327
Travel Support for Scientists to Participate ACS Symposium "Next-Generation Renewable Polymers: San Diego, CA March 25-29, 2012	47.RD	DMR-1135628	4,265
Vector-valued Analysis with a Flair from the Geometry of Banach Spaces	47.RD	DMS-0600888	21,012
Dynamic Models and Decision Making for Complex Reliability Systems	47.RD	DMS-0805809	5,822
Harmonic Mass Forms	47.RD	DMS-09010968	34,302
Collaborative Research: An ATD Proposal: Fast Point Cloud Surface Reconstruction Algorithms	47.RD	DMS-0915104	147,437
Extremal and Probabilistic Combinatorics II	47.RD	DMS-1000475	63,345
Combinatorial Quasirandomness and its Applications	47.RD	DMS-1001370	25,439
Palmetto Number Theory Series	47.RD	DMS-1001553	3,202
Informative Model Specification Tests Using Coarsened Data	47.RD	DMS-1006222	47,670
Mathematical Modeling and Computational Studies for Cell Signaling	47.RD	DMS-1019544	19,142
Discrepancy Theory and Analysis	47.RD	DMS-1101519	13,681
Banach Spaces with Applications to Compressed Sensing and Greedy Convergence	47.RD	DMS-1101490	35,961
Recurrent Events, Dynamic Reliability Models, and Multiple Decision-Making with High Dimensional Data	47.RD	DMS-1106435	77,379
Summer Research Conferences in Statistics and Biostatistics	47.RD	DMS-1157813	7,850
Greedy Approximation in Banach Spaces and Compressed Sensing	47.RD	DMS-1160841	44,691
Representation and Approximation of Functions in Nonclassical and Anisotropic Settings with Applications	47.RD	DMS-1211528	9,022
Effects of Inquiry-Based Teaching Experiences on Graduate Students Research Skill Development	47.RD	DRL-0723686	6,521
Collaborative Proposal: Maplelets for Calculus	47.RD	DUE-0737209	15,900
Collaborative Research: STEM Real World Applications of Mathematics	47.RD	DUE-1020692	35,717
Collaborative Research: Implementing and Assessing Strategies for Environment for Fostering Effective Critical Thinking (EFFECTs) Development and Implementation	47.RD	DUE-1022971	92,977
Collaborative Research: Maplelets for Calculus (M4C)	47.RD	DUE-1123170	27,487
Collaborative Research: Groundwater Dynamics of a Barrier Island	47.RD	EAR-0711301	72,011
Channel Properties Where Fluvial and Tidal Currents Meet	47.RD	EAR-1053299	56,987
Channel Properties Where Fluvial and Tidal Currents Meet	47.RD	EAR-1053299	39,602
Collaborative Research: Stable Strontium Isotope Ratios (88/86Sr) in Abiotic and Microbially Mediated Barite	47.RD	EAR-1053474	22,260
CAREER: Diagnostics and Prognostics of Electric Cables in Aging Power Infrastructure	47.RD	ECCS-0747681	176,225
Plasmons in III-Nitrides and Nanoscale III-Nitride Plasma Wave Terahertz Detectors	47.RD	ECCS-0801395	240
Remote Detection Using Microcantilever Based Sensor	47.RD	ECCS-0801435	9,949
REU: Remote Detection Using Microcantilever Based Sensor	47.RD	ECCS-0801435	12,837
CAREER: InN Nanowire Based Multifunctional Nanocantilever Sensors	47.RD	ECCS-0846898	63,763
REU-CAREER: InN nanowire based multifunctional nanocantilever sensors	47.RD	ECCS-0846898	5,875
RET-CAREER: InN Nanowire Based Multifunctional Nanocantilever Sensors	47.RD	ECCS-0846898	5,602
GRS: CAREER: InN Nanowire Based Multifunctional Nanocantilever Sensors	47.RD	ECCS-0846898	13,970
Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene	47.RD	ECCS-1029346	99,215
REU Supplement: Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene	47.RD	ECCS-1029346	1,653
GOALI: Low Dislocation Density Semi-polar III-Nitride Substrates for Polarization Free Ultraviolet Light Emitting Diodes	47.RD	ECCS-1128563	127,088
Development of a Novel Wireless Sensor System Test-Bed for Infrastructure Health Monitoring and Biomedical Applications	47.RD	ECS-0619253	18,784
Capacitively Coupled Wide Bandgap Heterostructures for High-Frequency Electronics	47.RD	ECS-0621931	19,652
REU SITE: Collaborative Research: International REU Program in Smart Structures	47.RD	EEC-0851671	31,811
REU Site: Biomolecular and Biomechanical Interactions	47.RD	EEC1005138	83,304
NUE: Nano in a Global Context for Engineering Students	47.RD	EEC-1042040	24,353
EEC: NSF Nanoscale Science and Engineering (NSF) Grantees Conference	47.RD	EEC-1152325	37,438
En-Gen: Bacterial Communication in Microbial Mats: A Metagenomic Approach to Understanding Quorum Sensing Gene Diversity and Expression	47.RD	EF-0723707	15,342
Extreme Diversity among Caulobacter Phages	47.RD	EF-0826792	30,664
CDI-TYPE I: Intertidal Sensor Networks for Climate Change Studies in Intertidal Ecosystems	47.RD	GEO-1124657	32,234
Collaborative Research: Center for Fuel Cells: A Multi-University I/USRC	47.RD	IIP-0856055	49,838
I/USRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems	47.RD	IIP-1031987	43,590
I/USRC Interagency Agreement (J368):>NNL10AA2511_CSFP Membership (OA-10306)	47.RD	IIR-1063207	4,715

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National Science Foundation, continued			
CAREER: Algorithms for Minimalist Robot Teams	47.RD	IIS-0953503	121,301
RI: Small: 3D Nonrigid Object Reconstruction from Large-Scale Unorganized 2D Images	47.RD	IIS-1017199	477
REU Supplement - RI: Small: 3D Nonrigid Object Reconstruction from Large-Scale Unorganized 2D Images	47.RD	IIS-1017199	3,201
CAREER: Towards Multimodal and Multialgorithm Facial Activity Understanding by Audiovisual Information Fusion	47.RD	IIS-1149787	12,516
Role of the COP9 Signalingosome and its Subunit CSN5 for Regulation of MAPK Pathways and Defense Responses in Tomato	47.RD	IOS-0745545	26,613
REU Supplement - Role of the COP9 Signalingosome and its Subunit CSN5 in the Regulation of MAPK Pathways and Defense Responses in Tomato.	47.RD	IOS-0745545	6,567
Collaborative Research: Integrating Iron Uptake and Distribution in Plants	47.RD	IOS-0919739	69,941
The Role of Host Proteins in HC-Pro Suppression of Silencing	47.RD	IOS-1029803	275,374
The Role of Host Proteins in HC-Pro Suppression of Silencing	47.RD	IOS-1029803	3,636
Meeting: Pam American Plant Membrane Biology Workshop - Asilomar, CA (May 16-20, 2013)	47.RD	IOS-1239708	8,900
Career: Assessment of the Structural Novelty of an Unknown Protein Using Unassigned Residual Dipolar Coupling Data	47.RD	MCB-0644195	129,962
Mechanistic and Structural Studies of Novel Heme-Containing Enzymes	47.RD	MCB-0820456	55,425
Mechanistic and Structural Studies of Novel Heme-Containing Enzymes	47.RD	MCB-0820456	112,817
REU Supplement: Mechanistic and Structural Studies of Novel Heme-Containing Enzymes	47.RD	MCB-0820456	338
Characterization of a Novel Nickel Metalloregulatory Protein, Yqjl	47.RD	MCB-1022288	154,885
REU: Characterization of a Novel Nickel Metalloregulatory Protein, Yqjl	47.RD	MCB-1022288	5,630
RAPID-Collaborative Research: The Microbial Response to the Gulf Oil Spill: Linking Metabolomes and Metagenomes	47.RD	MCB-1049411	19,870
Regulation of Genetic Recombination in Mammals	47.RD	MCB-1157416	46,517
Collaborative Research: Regional Ocean-Benthic Observatory and Technology Testbed on the Mid Shelf--Understanding Processes	47.RD	OCE-0535893	48,533
Collaborative Research: Genesis of Primitive, High-Sr Lavas in the Western Aleutians	47.RD	OCE-0728077	18,518
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program	47.RD	OCE-0752037	120,559
Large-Scale Edge Waves Generated by Hurricane Landfall	47.RD	OCE-0752059	28,803
Collaborative Research: Oceanic Applications of Laser Induced Breakdown Spectroscopy: Laboratory Validation	47.RD	OCE-0752664	55,239
Collaborative Research: Volcanic Eruptions on the Galapagos Spreading Center: Effect of Variable Magma Supply on Eruption and Magma Chamber Processes on Mid-Ocean Ridges	47.RD	OCE-0849711	46,390
Persistence and Fate of Domoic Acid in the Santa Barbara Basin	47.RD	OCE-0850425	41,336
Collaborative Research: Photodegradation of Dissolved Organic Matter and its Contribution to Surface Water CO2 fluxes and the Carbon Cycle in a River Dominated Ocean Margin	47.RD	OCE-0850653	37,255
Research Experiences for Undergraduates and Research Experiences for Teachers - Supplement of OCE 0926581	47.RD	OCE-0926581	17,810
REU: Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystem across a Cascade of Scales	47.RD	OCE-0926581	2,250
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and Imaging Multivariate Optical Computing (IMOC)	47.RD	OCE-0958831	73,386
Collaborative Research: Plankton Community Composition and Tropic Interactions as Modifiers of Carbon Export in the Sargasso Sea	47.RD	OCE-1030345	86,920
Ocean Acidification-Category 1: Real Time Assessment of Ocean Acidification Proxies and Their Incorporation in the Marine Sediment Record	47.RD	OCE-1039503	115,867
RAPID: Response of European Intertidal Communities to the Severe Winter of 2009-2010	47.RD	OCE-1039513	31,021
Collaborative Research: Chemical and Biological Characterizations of Phosphonate and Polyphosphate Dynamics in Marine Phytoplankton	47.RD	OCE-1061094	107,699
Modeling of Flow and Morphodynamics of Sinuous Submarine Channels	47.RD	OCE-1061244	32,013
RAPID: Collaborative Research: HF Radar Surface Current Measurements in Support of Constraining Shelf Edge Exchange in the SAB under Wind, Tidal and Gulf Stream Influence	47.RD	OCE-1132130	25,017
Climate Change and Biogeography: Effects of Extreme Events	47.RD	OCE-1129401	50,567
Linking Variation in Metabolic Processes as a Key to Prediction	47.RD	OCE-1129166	44,904
Linking Variation in Metabolic Processes as a Key to Prediction (ROA: Parasite Impact on Crab Behavior and Energetics)	47.RD	OCE-1129166	1,030
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and Imaging Multivariate Optical Computing (IMOC)	47.RD	OCE-0958831	147,247
Trace-Metal Isotopes in Atlantic Seawater and Particles from Geotraces Transects A03 and A10	47.RD	OCE-1131387	91,745
Collaborative Research: Water Stratigraphy of the Oceanic Lithosphere Using Mantle Xenoliths from Hawaii	47.RD	OCE-1129280	39,276
MRI: Acquisition of ICPMS Instrumentation for Interdisciplinary Research	47.RD	OCE-0820723	81,560
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and Imaging Multivariate Optical Computing (IMOC)	47.RD	OCE-0958831	189,207
Collaborative Research: Communication and Trust in Virtual Organizations and Teams	47.RD	OCI-0838231	28,920
PIRE: Modeling of Flood Hazards and Geomorphic Impacts of Levee Breach and Dam Failure	47.RD	OISE-0730246	441,560
US Egypt Cooperative Research: Luminescent Molecularly Imprinted Polymer Sensor Arrays	47.RD	OISE-1103904	34,350
Zeta Functions and the Distribution of Field Discriminants	47.RD	NSF	7,142
ARRA - Collaborative Research: Decision-Dependent Stochastic Processes Inference and Optimization	47.RD	P001238201	10,814
CUORE: Phase I Construction and Crystal Bolometer Research and Development	47.RD	PHY-0605119	249,130
Theoretical Studies of Hadronic and Nuclear Dynamics	47.RD	PHY-0758114	151,877
CUORE and MAJORANA: Next Generation Neutrino-Less Double-Beta Experiments	47.RD	PHY-0855314	380,602
Purification of the Ge-76 for the Majorana Demonstrator	47.RD	PHY-1003399	639,355
LTER: Georgia Coastal Ecosystems-II (subcontract)	47.RD	RR100-500/35069	1
Understanding and Preventing Nanocarpel Effect	47.RD	RR185375/384378	60,246
Nanotechnology in Society Network Node: Imaging, Scientific Change and Public Understanding of Emerging Nanotechnologies	47.RD	SES-0531160	160,786
The Role of Courts in the Protection and Expansion of Civil and Political Rights: A Pilot Study	47.RD	SES-0820708	5,668
Membership, Prototypicality, and Influence in Small Groups	47.RD	SES-0853593	2,748

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National Science Foundation, continued			
Religious Reactions to Nanotechnology	47.RD	SES-0951614	16,331
Social Values in Exchange Networks: An Experimental Test	47.RD	SES-0954791	78,217
Social Values in Exchange Networks: An Experimental Test - REU Supplement	47.RD	SES-0954791	3,343
Collaborative Research: The Emergence of Social Order in Groups	47.RD	SES-0956796	17,487
Collaborative Research: Transformation or Continuity in Americans' Definitions of Family Co-PI Brian Powell Indiana University	47.RD	SES-0961189	7,448
Doctoral Dissertation Research: Social Status and Performance on Mental Ability Tests	47.RD	SES-1029741	2,998
The Logic of Collective Action in Large Groups	47.RD	SES-1058236	21,602
REU: The Logic of Collective Action in Large Groups	47.RD	SES-1058236	1,953
Web-based Tools for Developing and Accessing Sociological Theory	47.RD	SES-1123040	27,497
DRRC: Baseline Indicators for Monitoring Disaster Resilience in Rural Places	47.RD	SES-1132755	100,224
WORKSHOP: New Horizons in Conflict System Analysis: Applications to the Middle East Fall, 2010: A Cross-Disciplinary Conference at the University of South Carolina	47.RD	SES-1002460	32,839
Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification	47.RD	SES-1127223	18,878
RAPID Proposal: The Impact of the Fukushima Nuclear Disaster on Public Views about Nuclear Power in the United States	47.RD	SES-1138296	25,244
REU Sites: Summer Research Experience in Brain and Cognitive Sciences	47.RD	SMA-1156522	48,650
The South East Alliance for Graduate Education and the Professoriate	47.RD	UFO5037	103,336
Geoinformatics: CUAHSI Hydrologic Information Systems	47.RD	UTA07-290	54,417
CDI-TYPE I: Intertidal Sensor Networks for Climate Change Studies in Intertidal Ecosystems	47.RD	TEO-1124657	50,834
Total National Science Foundation			17,722,006
U.S. Department of Veterans Affairs			
VA/PA: Sara Pettaway	64.RD	DORN VA HOSPITA	7,715
VA/IPA: Ashley Logan	64.RD	DORN VA HOSPITA	7,863
VA/IPA: Heather Doviak	64.RD	DORN VA HOSPITA	7,918
Total U.S. Department of Veterans Affairs			23,496
Environmental Protection Agency			
Passed through programs from:			
South Carolina Research Foundation			
Hydrologic Connectivity, Water Quality Function, and Biocriteria of Coastal Plain Geographically Isolated Wetlands	66.RD	2710	43,495
Mysid/Copepod Interlaboratory Test Evaluation - Subcontract with RTI (Kathryn Washburn)	66.RD	15-340-0210114	25,722
Analysis and Fate of Single-walled Carbon Nanotubes and Their Manufacturing Byproducts in Estuarine Sediments and Benthic Organisms	66.RD	RD-83385901-0	98,241
Targeting High-Content Imaging Assessments of Aberrant G-Protein-Coupled Estrogen Receptor (GPER) Activation During Vertebrate Embryogenesis	66.RD	EPA	270,699
South Carolina Department of Health and Environmental Control			
Bio-Diesel Fuel Production Project	66.RD	EQ-2-605	20,143
Total Environmental Protection Agency			458,300
U.S. Nuclear Regulatory Commission			
Passed through programs from:			
South Carolina Research Foundation			
Ultrasonic Guided Wave Sensor for Gas Accumulation Detection in Nuclear Emergency Core Cooling Systems	77.RD	NRC-01-10-155	124,910
Joint Time-Frequency Domain Reflectometry for Diagnostics/Prognostics of Aging Electric Cables in Nuclear Power Plants	77.RD	NRC-04-09-156	14,753
NRC New Generation Nuclear Engineering Faculty Development Program	77.RD	NRC-38-08-941	33,000
University of South Carolina Next Generation Nuclear Engineer Fellowship Program	77.RD	NRC-38-10-956	95,342
GA/SC University Partnership for Environmental Radiation Protection	77.RD	RR267317/489216	13,171
A Course on Risk Analysis with Application to the Current and New Nuclear Plants and Fuel Cycle Facilities	77.RD	NRCHQ-11G380058	28,712
Total U.S. Nuclear Regulatory Commission			309,888
U.S. Department of Energy			
Advanced Nuclear Materials Laboratory Enhancements	81.RD	DE-NE0000316	132,036
Cultural Resource Management on the Savannah River Site	81.RD	DEFC0998SR18931	761,619
Experimental Particle Physics	81.RD	DEFG0295ER40910	2,979
Transport Behavior of Superconductors at High Dissipative Currents	81.RD	DEFG0299ER45763	106,801
Joint Faculty Appointment of Dr. Schindler	81.RD	4000104656	34,448
Passed through programs from:			
South Carolina Research Foundation			
Engineering Multicatalytic Enzyme Assemblies for Efficient Biomass Conversion to Fuels	81.RD	6956	17,283
Novel Methods of Tritium Sequestration: High Temperature Gettering and Separation Membrane Materials Discovery for Nuclear Energy Systems	81.RD	00102125	493,965
High Performance Catalysts for Simultaneous CO2 and H2O Electrolysis	81.RD	131974	21,532
Professional Development Opportunity Fellowship Program	81.RD	801386	57,745
Controlling Structural, Electronic and Energy Flow Dynamics of Catalytic Processes through Tailored Nanostructures	81.RD	24086040	179,114
Processing and Interpretation of TGS-NOPEC Industry Seismic Data and Integration with Existing Surface-Source/ Deep-Receiver (SSDR) High Resolution Seismic Data at MC118, Gulf of Mexico	81.RD	09-08-019	83,730
ARRA - Understanding the Structure-Property Relationships in Polybenzimidazole Films for High-Temperature Gas Separations	81.RD	86267-001-10	54,480
Development of Ultra Low Platinum Alloy Cathode Catalyst for PEM Fuel Cells	81.RD	DE-EE0000460	756,547
Using RULLI for Salt Marsh Bathymetry	81.RD	86177-001-11	85,595

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U.S. Department of Energy, continued			
Enriched Boron-Doped Amorphous Selenium Based Position-Sensitive Solid- State Thermal Neutron Detector for MPACT Applications	81.RD	120563	70,768
Thermochemical Investigation of U-Ln-O Systems	81.RD	4000106191	62,370
Consortium for Advanced Simulation of Light Water Reactors (CASL)	81.RD	2011-0028-02	23,082
ODS Steel Consolidation by Friction Extrusion: Phase 2	81.RD	179174	4,819
Fabrication of Dual SERS/SEIRA Sensors for DOE Applications	81.RD	4000111778	1,147
Topic 4A Transport Studies in Modeling in PEM Cell Stack - subcontract to Giner Electrochemical Systems, LLC	81.RD	DE-EE0000471	164,094
University of South Carolina Aiken Biofuels Laboratory in Aiken, SC	81.RD	DE-EE0003152	87,670
High Temperature Hydrogen Generation Systems	81.RD	DE-EE0003222	69,179
Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage	81.RD	DE-FE0001965	119,116
Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage	81.RD	DE-FE0001965	4,600,003
Meeting: 4th Pan American Plant Membrane Biology Workshop (Asilomar, CA May 16-20, 2012)	81.RD	DE-SC0008002	9,000
Theoretical Investigation of Heterogeneous Catalysis at the Solid Interface for the Conversion of Lignocellulosic Biomass Model Molecules	81.RD	DE-SC0007167	66,143
Ford Hydrogen Internal Combustion Engine Shuttle Van Project	81.RD	DE-EM0001440	50,000
Mathematical Modeling of the Hybrid Sulfur Process	81.RD	DEFG0208ER85113	18,113
Advanced TRISO Fuels with Zirconium Carbide for Very High Temperature Reactors	81.RD	DEFG0707ID14774	112
Hydrogen Fuel Cell Development in Columbia SC	81.RD	DEFG3608GO88116	81,574
Hydrogen Fuel Cell Development in Columbia SC	81.RD	DEFG3608GO88116	119
Hydrogen Fuel Cell Development in Columbia SC	81.RD	DEFG3608GO88116	4,363
Hydrogen Fuel Cell Development in Columbia SC	81.RD	DEFG3608GO88116	2,366
Experimental Particle Physics (Neutrino)	81.RD	DEFG0295ER40910	437,533
Experimental Particle Physics (ATLAS)	81.RD	DEFG0295ER40910	149,834
Experimental Particle Physics (BaBar Activities)	81.RD	DEFG0295ER40910	29,279
ARRA - Infrastructure Upgrade for South Carolina HEP	81.RD	DEFG0295ER40910	15,124
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	171,620
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	143,084
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems - Administrative Core (Parent Account)	81.RD	DE-SC0001061	1,849,710
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	155,369
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	164,803
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems - (Education Core)	81.RD	DE-SC0001061	79,278
Fundamental Neutron Physics: Theory and Analysis	81.RD	DE-SC0001473	88,814
1D and 2D Assembly of Plant Viruses for Materials Development	81.RD	DE-SC0001477	17,980
Structure-Composition-Property Relationships of Complex Bismuth Oxide Based Photocatalysts	81.RD	DE-SC0001478	135,211
Ammonia Process by Pressure Swing Adsorption	81.RD	GO16105	5,139
Assembly and Testing of the Forward Time-of-Flight Panel-1b For Clas12	81.RD	JSA-11-C1237	99,839
Microstructure and Property Evolution in Advanced Cladding and Duct Materials Under Long-Term and Elevated Temperature Irradiation: Modeling and Simulation	81.RD	ORA110125001.03	81,947
Wetland Biotic Ligand Model Toxicity Study and Organic Carbon Characterization (June - November 2010)	81.RD	RR2677034694478	299
Gas Chromatograph-Mass Spectrometer Maintenance	81.RD	RR267703/489243	450
Gas Chromatograph-Mass Spectrometer: Operation and Maintenance	81.RD	RR2674144893896	2,029
H-O2 Wetland Organic Matter/Toxicity Study 2012	81.RD	RR2674144893906	2,715
Salt-Water Intrusion into Coastal Freshwater Wetlands: Effects on Ecosystem Metabolism and Soil Carbon and Nutrient Storage	81.RD	TUL-605-10/11	41,793
Carolina Blue Skies and Green Jobs	81.RD	TJCOG-CBS-036	117,800
Area of Interest B2: Bench-Scale Development and Testing of Rapid PSA for CO2 Capture	81.RD	WR GRACE/DOE	7,486
Topic 3C-Effect of System and Air Contaminants on PEMFC Performance and Durability-Subcontractor to NREL	81.RD	ZGB-0-99180-01	276,879
South Carolina Universities Research and Education Foundation			
Nuclear Forensics Junior Faculty Award Program-DHS	81.RD	DENE008	124,881
Nuclear Forensics Undergraduate Scholarship Program	81.RD	DENE002	56,947
Nuclear Energy Workforce Analysis	81.RD	IDNE013	19,586
Investigate Novel Membrane Materials for Advance Battery Applications	81.RD	C001572/KS86244	22,991
Nuclear Forensics Junior Faculty Award Program	81.RD	IDNE014	237,126
Chemical and Biological Sensors based on Nanofluidic Preconcentration and Separation	81.RD	KS99230-O/WT194	34,021
Quantum Dots - Titania Nano-Photocatalysts	81.RD	KT01140-O/WT196	19,031
ARRA - Conducting Heat Transfer Measurements of Nanoparticle Enhanced Ionic Liquids (NEILS)	81.RD	SC0253	43,248
Charpy Impact Testing of Archival Steel Plate	81.RD	SC0280/KT461410	5,028
Expert Assistance in the Study of Historical Earthquakes Affecting the SRS	81.RD	WEST 190	457
Fabrication of Thin Films on Ceramic Substrates	81.RD	WEST181/SC0264	7,919
Heterogeneous Materials Electrochemical Analysis	81.RD	WEST191/KS65848	41,295
South Carolina Energy Office			
USC Beaufort Stimulus Funded Projects	81.RD	S09-0139	82,756
Energy Efficiency Funding for Public School Districts, Public Colleges and Universities, and State Agencies	81.RD	S09-0019	821,053
Medical University of South Carolina			
ARRA - Electroalcoholgenesis: Bioelectrochemical Reduction of CO2 to Butanol	81.RD	MUSC10-062	285,790
Battelle Energy Alliance, LLC			
Tritium Sequestration in Gen IV NNGP Gas Stream via Proton Conducting Ceramic Pumps	81.RD	00088415	150,249
Morris College			
Morris College-University of South Carolina Mentoring Program	81.RD	PO20811	27,388
Foundation for Earth Science			
ESIP Ontologies in the Cloud	81.RD	FFES	2,823

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U.S. Department of Energy, continued			
Los Alamos National Laboratory			
Fabrication and Characterization of Semi-insulating Silicon Carbide Sensors for Low-energy X-ray Detection	81.RD	143479	61,259
Savannah River Nuclear Solutions			
Piezoelectric ISD Remote Sensor Monitoring and Diagnosis	81.RD	AC84131N	59,137
Marketing Research Project SRNS Indefinite Quantity Subcontract (Hilium-3 Business Assessment - TOA No. 1)	81.RD	AC90255S/TO 1	23,110
Total U.S. Department of Energy			14,422,022
U.S. Department of Education			
Passed through programs from:			
South Carolina Research Foundation			
Center for Adolescent Research in Schools (CARS)	84.RD	541821-78004	612,633
Investigating Environmental Factors Affecting Community Integration	84.RD	H133G090036	184,151
Center for International Business Education and Research	84.RD	P220A060013-07	6
FY 2010 Application for New Awards under the Centers for International Business Education (CIBE)	84.RD	P220A100027	105,931
Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool	84.RD	R324A100104	289,139
Mediators of Social Impairment among Children with ADHD	84.RD	R324A120003	82,548
South Carolina Department of Education			
iCoach - Teacher Teams Professional Development	84.RD	10MS308-01	35
SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation	84.RD	H63010008209	25,904
Evaluation of Character Development	84.RD	SC DEPT OF EDU	6
SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation	84.RD	H63010008209	92,283
SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2011-12	84.RD	H63010008211	133,828
SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2011-12	84.RD	H63010008211	14,540
Clarendon School District One			
Evaluation for Clarendon School District One Math/Science Partnership Proposal	84.RD	CLARENDON SCH D	11,470
Richland School District Two			
Evaluation of Richland School District Two's International Baccalaureate Continuum	84.RD	PO#12005481	147,805
Total U.S. Department of Education			1,700,279
U.S. Department of Health and Human Services			
Intergovernment Personnel Act (IPA) with Centers for Disease Control			
ARRA - Equipment to Enhance Training for Health Professionals (EETHP) - Geriatric Education Centers (GEC) Program	93.RD	11IPA1103267	5,561
Maternal Obesity, Excessive Weight Gain, Diabetes Mellitus, and Hypertension During Pregnancy and Risk of Neuro-developmental Disability in Children	93.RD	D76HP20909	86,039
Post-Transcriptional Regulation in Colorectal Cancer	93.RD	R40MC21523	65,164
Navegantes para Salud: Improving Healthcare Access and Utilization among Hispanic Women and Children	93.RD	1R01CA134609-01	362,734
	93.RD	1HOCMS330895-01	35,255
Passed through programs from:			
Johns Hopkins University			
Injury-Induced Pain: Chemical Modulation of Nociceptors	93.RD	2001362978	65,373
Medical University of South Carolina			
Extra-nigral Neurodegeneration in Experimental Parkinson's Disease (Subcontract)	93.RD	MUSC09-107	21,783
Inflammation and Degeneration of Optic Nerve in EAE (Subcontract)	93.RD	MUSC09-116	54,993
Southern Consortium Node of the Clinical Trials Network - Stimulant Reduction Intervention using Dosed Exercise (STRIDE)	93.RD	MUSC10-060	391,084
ARRA - Project AWARE: HIV Testing and Counseling in STD Clinics: An Adaptation of CTN 0032 (AWARE)	93.RD	MUSC10-074	39,577
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	93.RD	MUSC10-124	111,224
MUSC CTSA Biomedical Informatics Program Support	93.RD	MUSC11-124	21,227
MUSC CTSA VAC Project Support	93.RD	MUSC11-134	23,879
Transmembrane Proteolytic Induction and Thoracic Aneurysms	93.RD	MUSC11-087	7,808
Age-Dependent Mechanisms in Thoracic Aortic Aneurysms	93.RD	MUSC11-095	11,438
South Carolina Department of Health and Environmental Control			
Pregnancy Risk Assessment Monitoring System	93.RD	PO#674647	14,155
Contract Between SCDHEC and USC, ASPH - Eric Brenner	93.RD	PO#784444	86,424
Behavioral Risk Factor Surveillance Survey	93.RD	WAT-2011-01	474,023
SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #1)	93.RD	CY-2-801	41,825
SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #2)	93.RD	CY-2-801	27,048
Contract No. CY-12-017 with SCDHEC to improve the Child Care/Early Learning Setting. (901ARRA Comp 1-SC Div of Tobacco Prev and Control, Diabetes Prev and Control PR)	93.RD	CY-12-017	15,000
South Carolina Department of Health and Human Services			
FY2011 USC/DHHS MEQA Review	93.RD	A11425A	5,036
Evaluation of the PRTF Waiver Implementation 2010-2011	93.RD	A11571A	3
Economic Impact of Medicaid in South Carolina	93.RD	A11659A	572
For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia	93.RD	A30088A	632,733
Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project	93.RD	A51642A	65,429
Independent Program Evaluation and Technical Assistance and Consultation Efforts with Medically Complex Medicaid Recipients	93.RD	A91494A	2,668,865
State Public Health Department Comprehensive Heart Disease and Stroke Prevention Program	93.RD	CY-12-005	7,391
SFY2012 USC/DHHS Quality Reviews	93.RD	A21425A	663,368
Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant	93.RD	A21693A	128,488
Evaluation of the PRTF Waiver Implementation 2011-2012	93.RD	A21571A	83,326

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U.S. Department of Health and Human Services, continued			
South Carolina Department of Social Services			
The Purchase of Social Work Training for DSS Staff and Agents: Program Evaluation and Accountability	93.RD	C11001504	65,734
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Child Welfare Quality Assurance)	93.RD	TO1	1,308,488
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Economic Services Quality Improvement)	93.RD	TO2	688,969
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (National Youth in Transition Survey)	93.RD	TO7	209,390
South Carolina Developmental Disabilities Council			
Emergence and Stability of Autism in High Risk Infants	93.RD	0-21-0036	(12)
Child Health Services (CHS) Project: Evaluating Pediatric Health Disparities	93.RD	0-21-0038	1
The Effect of Job Coaching on the Employment Outcomes of Individuals with Intellectual Disability: Could Cream-Skimming Help	93.RD	0-21-0024	12,367
South Carolina Lieutenant Governor's Office			
2nd Continuation Project: Chronic Disease Self-Management for Older Adults	93.RD	EBD1105	4,492
Evaluation of the Community Living Program: Supporting Independence and Choice in the Community	93.RD	HCVETSC11	13,915
ADRC Expansion Grant 2011-2012	93.RD	TSAAUSC12	21,507
South Carolina Research Authority			
Cortical microRNA Controls Vulnerability to Nicotine (Pilot Project)	93.RD	20030194/TO0099	2,061
Undergraduate Exchange Program across INBRE Networks	93.RD	20030194/TO0122	2,000
South Carolina Research Foundation			
Go Grant: An Open Source Research Permissions Management System for South Carolina	93.RD	1RC2LM010796-01	1,093,804
Insulin and CNS Control of Body Weight	93.RD	005263	62,138
Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes	93.RD	0000137866	10,380
Neurodevelopmental Effects of Cannabis and Its Epigenetic Regulation	93.RD	0255-4511-4609	19,130
Feasibility of a Multicenter Obesity Reduction Community Trial in Region 2	93.RD	091214MKH358040	20,578
Precursors of Retardation in Children with Teen Mothers	93.RD	201172	20,955
Impact of Physical Activity on Stroke and Cognitive Decline in Older Adults/REGARDS	93.RD	12-745	65,728
Adoptive Transfer of Immunity Elicited by Attenuated HIV Vaccines	93.RD	317K310	35,044
Persistent Hepatitis C Virus Replication and T cell Immunity in Pregnancy	93.RD	763412	30,090
Evolution of Immune Recognition and Evasion	93.RD	8ER01GM04394018	31,832
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Batelle Memorial Institute	93.RD	236804	163,395
The Community Youth Development Study: A Test of Communities that Care	93.RD	578587	17,033
Role of ASIC3 in the Etiology of Fibromyalgia	93.RD	1000555807	580
Injury-Induced Pain: Chemical Modulation of Nociception	93.RD	2000010756	4,234
ARRA - Partnership with NCCCP and the Community Network Program Institutions to Increase Screening in Racial/Ethnic Minority and Underserved and Other Underserved Population	93.RD	10ST1092	59,719
Social Context and Motivation in Minority Youth Obesity and Metabolic Syndrome	93.RD	1F31DK086358-01	28,657
Methodological Developments in the Prevention of Adolescent Drug Use	93.RD	1K01DA024116-01	156,331
Development of Xenopus as a Model of Human Congenital Heart Disease	93.RD	1K02HL086737-01	109,739
The Morphogenetic Regulation of Cardiac Valves by Fluid Flow	93.RD	1K02HL086901-01	101,451
Expanding Mentoring Capacity in High-Risk Populations	93.RD	1K05CA136975-01	158,813
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 2	93.RD	1P01AT003961-01	258,598
Center for CAM Research on Autoimmune and Inflammatory Diseases - Admin. Core	93.RD	1P01AT003961-01	86,805
Center for CAM Research on Autoimmune and Inflammatory Diseases - Immunotox. Core	93.RD	1P01AT003961-01	120,655
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 1	93.RD	1P01AT003961-01	160,867
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 3	93.RD	1P01AT003961-01	199,690
Aging, Acetylcholine and the Hypothalamus	93.RD	1R01AG030646-01	201,859
Characterization and Genetic Analysis of Aging in Daphnia	93.RD	1R01AG037969-01	319,276
Transgenerational Epigenetic Inheritance of Allergy in a Multigenerational Cohort	93.RD	1R01AI091605-01	522,518
Cachexia in ApcMin/+mice: The Role of IL-6	93.RD	1R01CA121249-01	162,027
Cell Cycle Specific CDK Inhibitors as Potential Anti-tumor Therapeutics Through Replace	93.RD	1R01CA131368-01	263,968
Effects of the Built Environment, Crime & Food Prices on BMI, Activity & Eating	93.RD	1R01CA132896-01	132,735
Prenatal IV nicotine: Long-term Vulnerability to Stimulant Drugs	93.RD	1R01DA021287-01	258,806
Developmental Regulation of Endothelin Pain	93.RD	1R01DA023593-01	148,286
Mediation in Survival and Onset-to-Growth Models Applied to Youth Substance Onset	93.RD	1R01DA030349-01	371,273
Violent Victimization, Neighborhood Context and Adolescent Drug Use	93.RD	1R01DA030387-01	175,518
Neural Predictors of Anomia Recovery in Aphasia	93.RD	1R01DC00835501A	241,956
An Enabling Technology for Improving Engraftment of Implanted Materials and Cells	93.RD	1R01DE019355-01	93,403
An Enabling Technology for Improving Engraftment of Implanted Materials and Cells	93.RD	1R01DE019355-01	196,618
Behavioral/Support Intervention for Diet and Exercise Among Underserved Women	93.RD	1R01DH074666-01	332,033
Improving Safety and Access for Physical Activity	93.RD	1R01DK067615-01	71,472
Behavioral/Support Intervention for Diet and Exercise Among Underserved Women	93.RD	1R01DK074666-01	18,531
BK Channel Function and Regulation in Urinary Bladder Smooth Muscle	93.RD	1R01DK084284-01	353,762
Long-Term Lung Health After Exposure to Chlorine Gas	93.RD	1R01ES015532-01	337
Estrogen-T cell Interactions	93.RD	1R01ES019313-01	178,127
RecQ Helicases and Genomic Instability	93.RD	1R01GM081472-01	178,729
Characterization of the Suf Fe-S Cluster Biosynthesis Pathway Under Stress	93.RD	1R01GM081706-01	137,890
Structure and Dynamics of Membrane Proteins from NMR Orientational Constraints	93.RD	1R01GM081793-01	50,777
Glutathione and Redox Control in the Mitochondrial Intermembrane Space	93.RD	1R01GM086619-01	226,551
Multi-Component Intervention to Increase Physical Activity in Preschool Children	93.RD	1R01HD055451-01	426,518
Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart	93.RD	1R01HL083441-01	100,613
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches	93.RD	1R01HL083858-01	444,833
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	20,640
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	172,390
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	24,938

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U.S. Department of Health and Human Services, continued			
Physical Activity During the Transition from Elementary School to Middle School	93.RD	1R01HL091002-01	815,708
Children's Dietary Recalls: Prompts, Retention Interval, and Accuracy	93.RD	1R01HL103737-01	440,504
Children's Dietary Recalls: Prompts, Retention Interval, and Accuracy	93.RD	1R01HL103737-01	8,994
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1	93.RD	1R01HL104030-01	357,008
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1	93.RD	1R01HL104030-01	11,953
Strengthening the Quality of School Mental Health Services	93.RD	1R01MH081941-01	522,987
Clinical and Policy Implications of a Statewide Emergency Telepsychiatry Program	93.RD	1R01MH086239-01	244,394
Emergence and Stability of Autism in Fragile X Syndrome	93.RD	1R01MH090194-01	358,153
Examining the Role of the Lissencephaly Protein, Lis1, in Dynein-based Transport	93.RD	1R01NS056314-01	141,638
Impact of Physical Activity on Stroke and Cognitive Function in Older Adults	93.RD	1R01NS061846-01	59,140
Subunit Dependent Properties of Kainate Receptors	93.RD	1R01NS065869-01	335,758
Function of KLF4-expressing Stem Cells in Mouse Cutaneous Wound Healing	93.RD	1R03AR060987-01	50,282
Development and Evaluation of Accelerated Hazards Mixture Cure Model	93.RD	1R03CA137790-01	24,044
Development and Evaluation of Spatial Survival Models	93.RD	1R03CA139538-01	22,862
Sample Size Method and Software Development in Survival Trial with a Cure Rate	93.RD	1R03CA150077-01	38,622
ARRA - Role of DARPP-32: Individual Responsiveness to Nicotine	93.RD	1R03DA024275-01	9,496
Role of Dopamine Transporter: HIV-1 Tat Protein and Nicotine Sensitization	93.RD	1R03DA026721-01	110,311
Methamphetamine and HIV-1: NMDAR/D1 Mediated Neurologic Effects	93.RD	1R03DA031604-01	239,766
Assessment of a Novel Environmental Justice Community-University Partnership	93.RD	1R03ES017357-01	770
Papillomavirus Conferences 2007-12	93.RD	1R13CA132461-01	5,000
OPAM: A Conference on Object Perception Attention and Memory	93.RD	1R13EY021087-01	7,236
Social Networks and Pathways to Transplant Parity for Black Hemodialysis Patients	93.RD	1R15DK088707-01	145,965
Population-Level Parenting Interventions to Reduce Prevalence of Child Abuse	93.RD	1R18CE001340-01	24,213
Developing Measures of the Built Nutrition Environment	93.RD	1R21CA132133-01	58,418
Folate Status, Genomic Uracil, and the Balance of Base Excision Repair Activity	93.RD	1R21CA135136-01	61,835
Curcumin and Quercetin in Colon Cancer: Role of Macrophage-Induced Inflammation	93.RD	1R21CA135377-01	15,735
Regulation of Urinary Bladder Smooth Muscle by K+ Channels	93.RD	1R21DK083687-01	174,649
Understanding Patterns of Change in Obesity and Physical Activity in Adults	93.RD	1R21DK088195-01	203,568
ARRA - Mechanisms of Xenoestrogen Stress: A Proteomic and Functional Genomic Approach	93.RD	1R21ES016617-01	71,648
Air Pollution and Cognitive Aging in Older Women	93.RD	1R21ES016829-01	11,748
Casual Estimates of Neighborhood Poverty on Health and Mortality	93.RD	1R21HD058715-01	30,809
Modeling Spatial and Family Factors in the Transmission of Health	93.RD	1R21HD060111-01	85,803
Promoting Healthy Weight in Pregnancy and Postpartum Among Overweight/Obese Women	93.RD	1R21HD061885-01	83,469
Mammary Gland Laterality in Normal and Neoplastic Development	93.RD	1R21HD068993-01	144,544
Is Childhood Obesity Related to Participation in School Meals	93.RD	1R21HL088617-01	73,006
Is Childhood Obesity Related to Participation in School Meals	93.RD	1R21HL088617-01	17,848
Development of a Long-term, Working Cardiovascular Tissue Slice Culture	93.RD	1R21HL089483-01	126,015
Home-based Pain Management Training for Pediatric Sickle Cell Disease	93.RD	1R21HL092336-01	55,087
Integrated Recall of Diet and Physical Activity in Children	93.RD	1R21HL093406-01	8,931
Integrated Recall of Diet and Physical Activity in Children	93.RD	1R21HL093406-01	28,921
Using Gold Nanorods to Modify the Extracellular Matrix and Mechanical Properties of Cardiac Valves	93.RD	1R21HL097214-01	74,926
Monocyte MicroRNA-155 and Atherogenesis	93.RD	1R21HL106325-01	149,974
Mass Casualty Triage Validation Study	93.RD	1R21LM010833-01	135,707
Home-based Exercise for Management of HIV-associated Cardiovascular Disease Risk	93.RD	1R21NR011281-01	175,820
Real Time Screening for GIRK1/4 Channel Blockers	93.RD	1R21NS071530-01	38,748
Diet & Activity Community Trial: High-Risk Colon Polyps	93.RD	1R24MD002769-01	550,542
Multiple Modes of Infant Feeding and Trajectories Influencing Infant Health	93.RD	1R40MC17165-01	651
Creating the Scientific Infrastructure for the Promise Neighborhood Initiative	93.RD	1RC2DA028946	30,893
Platelet-Oriented Inhibition in New TIA	93.RD	1U01NS026835-01	30,229
South Carolina Cancer Disparities Community Network -- II (Admin. Core)	93.RD	1U54CA153461-01	53,480
South Carolina Cancer Disparities Community Network -- II (Community Outreach Core)	93.RD	1U54CA153461-01	110,873
South Carolina Cancer Disparities Community Network -- II (Research)	93.RD	1U54CA153461-01	67,161
South Carolina Cancer Disparities Community Network -- II (Training)	93.RD	1U54CA153461-01	5,005
South Carolina Opioid Safety initiative (SCOSI)	93.RD	1U01FD004266-01	13,608
Antibiotics Received in the First Year of Life and Odds of Food Allergy in Children	93.RD	1R40MC23628-01	7,147
Use of a Community-University Partnership to Eliminate Environmental Stressors	93.RD	1R21ES017950-01	108,773
International Society for Environmental Epidemiology 24th Annual Conference	93.RD	1R13ES021701-01	3,650
Assessment of Health Services Needs Pre-and Post-Disaster in Rural SC	93.RD	1R21ES017239-01	137,051
A Unified Neuroanatomical Model of Speech Production and Perception: Implications for Apraxia of Speech and Conduction Aphasia	93.RD	1R01DC009571-01	356,001
Transcranial Direct Current Stimulation to Treat Aphasia: Phase II Trial	93.RD	1U01DC011739-01	127,934
SsnB, a Chinese Herb-Derived Selective TLR Antagonist	93.RD	1R21AT006767-01	425
Role of Natural Indoles in Experimental Autoimmune Encephalomyelitis	93.RD	1R01AT006888-01	283,143
Association between Clinical Decision Support Systems and Health Care Disparities	93.RD	1R36HS021079-01	26,037
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers	93.RD	1R01HL095799-01	460,562
Immunopathological Basis of PTSD	93.RD	1R01MH094755-01	185,395
Effects of Chronic Alcohol Consumption on Cardiac Inflammation and Fibrosis	93.RD	1F31AA020162-01	19,495
Predicting Autism Through Behavioral and Biomarkers of Attention in High Risk Infants	93.RD	1F31MH095318-01	21,909
The South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	1U01DD000776-01	4,651
The South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	1U01DD000776-01	175,798
Microencapsulation of Oocytes for Low-CPA (cryoprotectant) Vitrification	93.RD	1R01EB012108-01	801
Mechanically Guided Urological Tissue Regeneration in Vitro	93.RD	1360-2092097563	105
Mechanically Guided Urological Tissue Regeneration in Vitro	93.RD	1P20RR021947-01	10,077
Understanding and Controlling Tissue-specific Vascular Patterning	93.RD	1P20RR021949-01	195,043
Targeting Protein Arginine Deiminases to Prevent Colitis and Colon Cancer	93.RD	1R01CA151304-01	330,910

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U.S. Department of Health and Human Services, continued			
Innovative Spatial Survival Models with Geographically Varying Coefficients	93.RD	1R03CA165110-01	2,273
Reducing Cancer Disparities: Incident Cancer After Colonoscopies by Primary Care Doctors	93.RD	1R15CA156098-01	113,032
Innovative Spatial Survival Models with Geographically Varying Coefficients	93.RD	1R03CA165110-01	30,497
Understanding Health Disparities in Cervical Dysplasia and Cancer Through the Identification of Novel Biomarkers, SIX1 and EGFR	93.RD	1R21CA153139-01	73,149
Stromal Modulation of Response to Thymidylate Synthase Inhibitors	93.RD	1R01CA154731-01	268,855
Stromal Modulation of Response to Thymidylate Synthase Inhibitors	93.RD	1R01CA154731-01	14,565
A Multi-Center Epidemiologic Study of Breast Cancer in African American Women	93.RD	110105EA004-03	6,095
Policies to Influence Physical Activity and Nutrition in YMCA Programs	93.RD	1R21HL106020-01	168,618
Suppression of Cardiac Calcium Channels by Acute Hypoxia	93.RD	1R01HL107600-01	174,459
Living Delivery Systems to Promote Vascular Development in 3D Scaffolds	93.RD	1R03AR062816-01	5,055
Fathering Practices and Positive Development among African American Adolescents	93.RD	1R03HD068688-01	13,261
Social-Environmental, Physiologic, and Genetic Determinants of Blood Pressure in Underserved African Americans	93.RD	1F31AG039930-01	29,802
Data Management Core for the ITC Project, Evaluating the Effectiveness of Tobacco Control Policies in Low and Middle Income Countries	93.RD	115929	13,900
Tobacco Packing and Labeling Policies	93.RD	114131	4,306
Longitudinal Follow-up of Youth with ADHD Identified in Community Settings (CLIN0002)	93.RD	200-2006-18949	321,983
South Carolina IDeA Network of Biomedical Research Excellence - (Alterations and Renovations)	93.RD	2P20RR016461-10	174,048
South Carolina IDeA Network of Biomedical Research Excellence (INBRE Competing Renewal)	93.RD	2P20RR016461-10	15,689
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Bioinformatics Core	93.RD	2P20RR016461-10	9,252
South Carolina IDeA Network of Biomedical Research Excellence (INGRE Competing Renewal)- Beaufort	93.RD	2P20RR016461-10	12,816
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Administrative Core	93.RD	2P20RR016461-10	160,448
Thymidylate Synthase and Fluorodeoxyuridine Resistance	93.RD	2R01CA044013-18	168,398
HIV/Cocaine Neurotoxicity in Females	93.RD	2R01DA013137-11	268,230
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	2R01ES012895-04	77,694
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	2R01ES012895-04	213,188
Reactivity of Transient Cyt P450 Oxygen Intermediates	93.RD	2R01GM026730-19	37,176
Structure/ Function of Terminal Complement Proteins	93.RD	2R01GM042898-18	76,348
Risk in Context: New Methodology for Modeling Risk by Context Interactions	93.RD	2R01HD054736-04	143,260
Electrophysiology of Neonatal and Adult Heart	93.RD	2R01HL016152-34	282,750
Amygdala Neuropeptides and Anxiety	93.RD	2R01MH063344-06	374,269
South Carolina Post-Baccalaureate Research Program	93.RD	2R25GM066526-06	317,098
South Carolina Initiative for Minority Student Development	93.RD	2R25GM076277-05	152,426
LIFE-Main Study (sub-contract with Pennington Biomedical Research Center)	93.RD	2U01AG022376-S0	18,308
Implementation of the Video Analysis Tool in Geriatric Community Nursing	93.RD	25177A1	78,607
Advanced Glycation End-Products in Human Myocardium	93.RD	21469 SCRF INIT	21,862
Examining the Role of the Lissencephaly Protein, List 1, in Dynein-based Transport	93.RD	2R01NS05631-05	106,618
Insulin Resistance Intervention after Stroke (IRIS) Trial	93.RD	2U01NS044876-07	79,943
Language Development in Fragile X Syndrome	93.RD	201118600-01	9,130
LIFE-Main Study (sub-contract with Pennington Biomedical Center)	93.RD	2U01AG022376S01	22,502
Center for CAM Research on Autoimmune and Inflammatory Diseases - Research Supplement to Promote Diversity in Health-Related Research (Michael Rouse)	93.RD	3P01AT003961-03	5,711
Administrative Supplement: Center for Colon Cancer Research	93.RD	3P20RR017698-08	215
Peromyscus Laboratory Models for Biomedical Research NCCR Supplement-Translational	93.RD	3P40RR014279-10	19,278
Alcohol Exposure, Social Behavior and Development	93.RD	3R01AA011566-11	54,694
Administrative Supplement: Neural Predictors of Anomia Recovery in Aphasia	93.RD	3R01DC008355-03	3,083
Administrative Supplement: A Unified Neuroanatomical Model of Speech Production and Perception	93.RD	3R01DC009571-01	56,161
Research Supplements to Promote Diversity in Health-Related Research (Gaynelle Magwood):			
Parent Grant - Behavioral/Support Intervention for Diet and Exercise Among Underserved Women	93.RD	3R01DK074666-03	42,881
Administrative Supplement: Haloacetamide-based inactivators of Protein Arginine Deiminase 4	93.RD	3R01GM079357-03	63
Administrative Supplement: RecQ Helicases and Genomic Waldman	93.RD	3R01GM081472-02	73,538
Administrative Supplement: Structure and Dynamics of Membrane Proteins from NMR Orientational Constraints	93.RD	3R01GM081793-03	85,897
Administrative Supplement: Multi-component Intervention to Increase Physical Activity in Preschool Children	93.RD	3R01HD055451-03	79,517
Estrogen Modulation of Fibroblast Function in the Pressure Overloaded Heart - Supplement for Vennece Fowkes	93.RD	3R01HL083441-03	4,608
Supplement to: A Partnership to Promote PA & Healthy Eating in AME Churches 1 Rol HL083858-01	93.RD	3R01HL083858-02	2,991
The Role of Fluid Flow in Valvulogenesis - Diversity Supplement for A. Franco-Roberts	93.RD	3R01HL086856-03	4,303
Developing Measures of the Built Environment - Supplement for adding individual-level to the study	93.RD	3R21CA132133-02	17,842
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.RD	3T32GM081740-02	9,616
Administrative Supplements for Infrastructure and Planning for Community Health Educators (CHE) for Outreach, Education, Coordination and Evaluation	93.RD	3U01CA114601-05	23,408
South Carolina Cancer Disparities Community Network - Administrative Supplement (Expansion of the SBYWA and the Witness Project)	93.RD	3U01CA114601-05	14,541
South Carolina Cancer Disparities Community Network: CHE Administrative Supplement	93.RD	3U01CA114601-05	80,469
Administrative Supplements for Community-Engaged Research on HIV/AIDS Related Cancers Among Racial/Ethnic and Underserved Populations (SC Cancer Disparities Community Networks)	93.RD	3U01CA114901-05	125,378
Analysis and Action on the Environmental Determinants of Health and Health Disparities	93.RD	3P20MD001770-07	271,359
South Carolina Center for Bioethics Research, Training and Translation	93.RD	3P20MD001770-07	27,246
SCCDCN II: Administrative Supplements to Expand NCI-Supported Community Outreach	93.RD	3U54CA15346-02	27,595
Mercury Exposure and the Innate Immune Response in Autoimmune Heart Disease	93.RD	4R00ES015426-03	172,173
Glycation of Protein in Diabetes	93.RD	4R37DK01997-31	55,957
The Role of COX-2 in Skeletal Development and Osteoarthritis	93.RD	4R00ES016757-02	185,935
The Involvement of IL-12 and IL-27 in Immunity to Mycobacterium Tuberculosis	93.RD	4R00HL093300-03	244,600
The Development of Sustained Attention in Infants	93.RD	4R37HD018942-26	179,783

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U.S. Department of Health and Human Services, continued			
Energy Expenditure Responses to Acute and Chronic Exercise in Older Women	93.RD	4R00AG031297-03	7,184
Energy Expenditure Responses to Acute and Chronic Exercise in Older Women	93.RD	4H97HA08542-04	252,713
Functional Neuroanatomy of the Basolateral Amygdala	93.RD	5-23415-G1	(4,723)
Nutrition and Metabolic Status in Youth with Type 1 DM: SEARCH Ancillary Study	93.RD	5-50804	25,947
Exploring Current Smokers' Interest in Using Smokeless Tobacco Products	93.RD	55-0976-01	12,552
Assessing the Influence of Brand, Packaging, and Product Configurations on the Perceived Risk of Tobacco Products: Experimental Field Studies among Young Adults	93.RD	55-0998-01	1,879
SEARCH for Diabetes in Youth, Phase 3: Registry Study-USC	93.RD	5-52855	54,728
SEARCH for Diabetes in Youth, Phase 3, Year 2 - USC	93.RD	5-52855	146,614
SEARCH for Diabetes in Youth 2: South Carolina Center	93.RD	5-53367	35,760
Enhancing Linkages to HIV Care in Jail Setting	93.RD	5H97HA08542-04	89,339
Structural Studies and Functional Regulation of KLF4	93.RD	5K01DK069489-04	80
Coordinating Center of Excellence in Social Promotion of Health Equity Research - RET Core - Year 2	93.RD	5P20MD001770-07	286,521
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Research Core - Year 2	93.RD	5P20MD001770-07	38,583
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 1 - Year 2	93.RD	5P20MD001770-07	303,478
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 3 - Year 2	93.RD	5P20MD001770-07	180,220
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Community Core - Year 2	93.RD	5P20MD001770-07	268,021
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Project 2-Year 2	93.RD	5P20MD001770-07	249,030
Center for Colon Cancer Research (Admin Core)	93.RD	5P20RR014698-08	505,999
COBRE: Role of MicroRNA-155 in Macrophage Function and Atherosclerosis (Year 2)	93.RD	5P20RR016434-10	1,328
Center for Colon Cancer Research	93.RD	5P20RR017698-08	-
Center for Colon Cancer Research	93.RD	5P20RR017698-08	10,081
Center for Colon Cancer Research	93.RD	5P20RR017698-08	11,454
Center for Colon Cancer Research (Project 6)	93.RD	5P20RR017698-08	109,318
Center for Colon Cancer Research (Mouse Core)	93.RD	5P20RR017698-08	221,738
Center for Colon Cancer Research (Histology Core)	93.RD	5P20RR017698-08	186,809
Center for Colon Cancer Research (Biometry Core)	93.RD	5P20RR017698-08	58,748
COBRE: Center for Colon Cancer Research	93.RD	5P20RR017698-08	15,484
Center for Colon Cancer Research - Carryover of Year 3 Start up Funds from account 13130-FA35	93.RD	5P20RR017698-08	53,695
Center for Colon Cancer Research (Tissue Bank)	93.RD	5P20RR017698-09	288,357
Alcohol Exposure, Social Behavior and Development	93.RD	5R01AA011566-08	37,329
HIV/Cocaine Neurotoxicity in Females - Minority Supplement - Sheila Adams	93.RD	5R01DA0113137-07	1,314
Improving Safety and Access for Physical Activity - Supplement	93.RD	5R01DK067615-04	243,597
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	5R01ES012895-05	18,891
School Meals and BMI Percentile: Secondary Data Analyses on Non-Self-Report Data	93.RD	5R21HL096035-02	71,813
The Development of Sustained Attention in Infants	93.RD	5R37HD018942-23	182,853
South Carolina Cancer Disparities Community Network (Non-competitive renewal YR5)	93.RD	5U01CA114601-05	11,393
Empowering Latinas to Lash Out Against AIDS (ELLAS)	93.RD	5U01PS000697-04	119,002
South Carolina Rural Health Research Center Grant Program Cooperative Agreement	93.RD	5U1CRH03711-07	62,493
Health Promotion and Disease Prevention Centers: Center Proposal Cat. 1 (Center)	93.RD	5U48DP001936-02	119,790
Health Promotion and Disease Prevention Centers: Center Proposal Cat. 1 (Research)	93.RD	5U48DP001936-02	105,885
Physical Activity Training for Public Health Professionals(PAPH Course) - Additional Funding Request	93.RD	5U48DP001936-02	132,538
Development of a National Strategic Plan for Physical Activity(Additional funds request)(National Plan)	93.RD	5U48DP001936-02	30,812
SIP-09-028 Evaluation of a Self-directed, Packaged Physical Activity Program for Adults with Arthritis	93.RD	5U48DP001936-02	60,073
SIP-09-027 CDC Healthy Aging Research Network Collaborating Center	93.RD	5U48DP001936-02	24,137
SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN)	93.RD	5U48DP001936-02	193,342
SIP-09-027 CDC Healthy Aging Research Network Collaborating Center	93.RD	5U48DP001936-03	52,125
SIP-09-028 Evaluation of a Self-directed, Packaged Physical Activity Program for Adults with Arthritis	93.RD	5U48DP001936-03	194,735
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP001936-03	259,063
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP001936-03	96,402
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP001936-03	59,012
SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN)	93.RD	5U48DP001936-03	199,179
Health Promotion and Disease Prevention Research Centers	93.RD	5U48DP001936-03	210,006
Rural Health Research Center Cooperative Agreement Program	93.RD	5U1CRH03711-08	571,939
Peromyscus Laboratory Models for Biomedical Research	93.RD	5P40RR014279-12	126,381
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal	93.RD	5P20RR016461-11	38,990
Center for Colon Cancer Research	93.RD	5P20RR017698-10	122,323
Center for Colon Cancer Research	93.RD	5P20RR017698-10	54,190
Center for Colon Cancer Research	93.RD	5P20RR017698-10	108,000
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of competing renewal	93.RD	5P20RR016461-11	15,065
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of competing renewal	93.RD	5P20RR016461-11	20,019
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal - Year 2 of competing renewal (Bioinformatics Core)	93.RD	5P20RR016461-11	31,510
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of competing renewal	93.RD	5P20RR016461-11	66,115
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal - Beaufort	93.RD	5P20RR016461-11	219,021
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal - (USC BMEN)	93.RD	5P20RR016461-11	56,199
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of Competing Renewal - (PACD)	93.RD	5P20RR016461-11	134,371
Microarrays: Exploring Bacterial Transmission in Indoor Air (Pilot Project under INBRE)	93.RD	5P20RR016461-11	9,975
Gene Expression and Mitochondrial changes in a MLASA mouse model (Pilot Project under INBRE)	93.RD	5P20RR016461-11	9,138
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year 2 of competing renewal	93.RD	5P20RR016461-11	55,396
UNC Clinical and Translational Science Award	93.RD	5-31604	200
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Administrative Core (Year 2 of Competing Renewal)	93.RD	5P20RR016461-11	311,485
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Administrative Core	93.RD	5U54CA153461-02	119,069

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U.S. Department of Health and Human Services, continued			
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) Community Core	93.RD	5U54CA153461-02	116,559
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Pilot Project	93.RD	5U54CA153461-02	61,857
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Research Core	93.RD	5U54CA153461-02	270,764
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2) - Training Core	93.RD	5U54CA153461-02	29,567
South Carolina Cancer Disparities Community Network II (SCCDCN-II)(Year 2)	93.RD	5U54CA153461-02	33,836
STOPP-T2D (TODAY and HEALTHY)	93.RD	5-U01-DK061230	23,434
Glycation of Proteins in Diabetes	93.RD	5R37DK019971-34	158,591
Organochlorine Exposure and Gene Expression of Sex Steroids in a Multigenerational Cohort of Michigan Fish Eaters	93.RD	61-0551SC	11,771
Teleconference Group: Breast Cancer in African Americans (STORY)	93.RD	7R01CA107305-05	-
Differentiation and Apoptosis in Malignant Neuroblastoma	93.RD	7R01NS057811-03	222,351
Particulate Exposure and Cardiovascular Disease in the HPFS	93.RD	7R03ES016619-02	4,787
Educational Attainment of Rural Youth	93.RD	7R03HD065964-02	10,284
Endothelin Receptors and Progression to Heart Failure	93.RD	7R01HL057952-13	292,410
Myocardial Protection and Matrix Proteases	93.RD	7R01HL095608-03	339,075
Secretary Patterns of Senescent Tumor Cells	93.RD	7R01AG028687-05	114,905
Peromyscus Laboratory Models for Biomedical Research	93.RD	8P40OD010951-13	80,082
Synaptic Organization of the Basolateral Amygdala (2008 resubmission)	93.RD	9R01DA027305-10	371,070
Alcoholism and Schizophrenia: "Translational Approach to Treatment"	93.RD	920	57,982
Incorporating Medical and Social Vulnerability into an All-Hazards Assessment for the State of Florida	93.RD	A51AF1	39,296
American Occupational Therapy Association Act Early Project	93.RD	AOTA/CDC/HHS	5,000
Abatement of Indoor Allergens (Der p 1 and Fel d 1) That Exacerbate Asthma	93.RD	CARBONIX/NIH	13,945
Effects of Criminal Justice System Exposure on Youth's Substance Use Trajectories	93.RD	KEAN UNIVERSITY	472
Continuous Monitoring of Anti-Fibrinolytic Therapy in Cardiovascular Surgery	93.RD	MICRO VIDE LLC	97,401
Latent Structure Modeling of Small Area Health Data	93.RD	MUSC09-070	3,175
South Carolina Clinical and Translational Research Institute (CTSA sub-contract with MUSC)	93.RD	MUSC099-078	91,446
Robust Nonparametric Methods with Variable Selection for Clustered Dental Data	93.RD	P002624201	64,304
Statistical Methods in Cancer Control and Epidemiology	93.RD	P661626702	26,495
Institute for HIV Prevention Leadership	93.RD	S3932	3,727
Evaluation for the Special Project of National Significance, HIV and Oral Health	93.RD	SANDHILLS MED	11,343
CDK3-Inhibiting Anticancer Agents	93.RD	SENEX BIO INC	83,002
Transcranial Direct Current Stimulation to Treat Neurological Disorders	93.RD	SOTERIX MED INC	24,228
Diabetes Prevention Program Outcomes Study	93.RD	S-DPP1112-MR05	25,509
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Administrative Care - Year Two	93.RD	SP20MD001770-07	321,078
Tobacco Packaging and Labeling Policies: Expanding the Evidence on Novel Policies, Long-Term Lung Health After Exposure to Chlorine Gas	93.RD	TULHSC276-11/12	284,281
Air Pollution, Subclinical CVD and Inflammatory Markers in the SEARCH Cohort	93.RD	U OF MARYLAND	70,923
Evaluating the Effectiveness of Tobacco Control Policies in Low and Middle Income Counties	93.RD	UW113808	(1,548)
PCSK9, Lipoprotein Receptors, and Atherosclerosis	93.RD	VUMC38212	163,942
Systolic Blood Pressure Intervention Trial (SPRINT)	93.RD	WFUHS 30209	73,015
Use of a Community-University Partnership to Eliminate Environmental Stressors (Sub-Contract)	93.RD	Z037701	8,362
South Carolina Sea Grant Consortium			
Utilizing HABISS to Document, Analyze, and Interpret the Impacts of Harmful Algal Blooms and Their Associated Marine Toxins on Ecosystems and Humans in South Carolina	93.RD	5U38EH000343-03	13,392
Utilizing HABISS to Document, Analyze, and Interpret the Impacts of Harmful Algal Blooms and their Associated Marine Toxins on Ecosystems and Humans in South Carolina	93.RD	CH26	16,090
National Childhood Cancer Foundation			
National Childhood Cancer Foundation	93.RD	020866	57,008
South Carolina First Steps to School Readiness			
A Comparison of Collaborative Interventions for Strengthening Families and Reducing Maltreatment Risk in Young Children with Developmental Disabilities	93.RD	SC FIRST STEPS	128,487
Total U.S. Department of Health and Human Services			44,226,286
Homeland Security			
Passed through programs from:			
South Carolina Research Foundation			
Mobile Geospatial Situational Awareness for Field and Command Staff During The Emergency Response Phase	97.RD	HS HQDC-11C00140	32,436
Domestic Weapons of Mass Destruction: Potential Populations at Risk from US Chemical Facilities Releases	97.RD	Z930110	53,272
Mobile Geospatial Situational Awareness for Field and Command Staff During The Emergency Response Phase	97.RD	HS HQDC-11C00140	36,310
Wide Area Standoff Detection of Trace Explosives using Spatial Heterodyne Deep UV Resonance Raman Spectroscopy	97.RD	107869	54,892
Tracking Airborne and Satellite Remote Sensing Collection Assets for Emergency Response Phase	97.RD	HS HQDC-11C00151	24,670
Geospatial Risk Assessment Protocols	97.RD	4100033643	5,227
South Carolina Universities Research and Education Foundation			
Nuclear Forensics Junior Faculty Award Program	97.RD	NF13001	15,000
South Carolina Emergency Management Division			
Geospatial Risk Assessment Support Protocols (GRASP)	97.RD	PO#1361	59,992
South Carolina Law Enforcement Division			
Identifying South Carolina's Readiness to Chemical Threats	97.RD	8SHSP45	71,617
Total Homeland Security			353,416
Total Research and Development Cluster			99,734,913

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Student Financial Assistance Cluster			
U.S. Department of Education			
SEOG 2010-2011 2 Yr Campus	84.007	P007A103812	33
SEOG 2011-2012 2 Yr Campus	84.007	P007A113812	76,024
SEOG 2011-2012 Aiken	84.007	P007A117399	99,554
SEOG 2010 - 2011 Beaufort	84.007	P007A108840	428
SEOG 2011 - 2012 Beaufort	84.007	P007A118840	49,895
SEOG 2011-2012 Spartanburg	84.007	P007A117400	179,680
SEOG 2010-2011 Columbia	84.007	P007A103813	53,154
SEOG 2011-2012 Columbia	84.007	P007A113813	540,676
FWS 2010-2011 Master-2Yr Campus	84.033	P033A103812	13,552
FWS 2010-2011 - Lancaster	84.033	P033A103812	5,321
FWS 2010-2011 - Union	84.033	P033A103812	2,846
FWS 2011-2012 - Sumter	84.033	P033A113812	47,898
FWS 2011-2012 - Lancaster	84.033	P033A113812	31,753
FWS 2011-2012 - Salkehatchie	84.033	P033A113812	61,882
FWS 2011-2012 - Union	84.033	P033A113812	25,635
College WorkStudy 2011-2012 Aiken	84.033	P033A117399	114,853
FWS 2010-2011 Beaufort	84.033	P033A108840	12,832
FWS 2011-2012 Beaufort	84.033	P033A118840	33,556
College WorkStudy 2010-2011 USC Upstate	84.033	P033A107400	15,847
College WorkStudy 2011-2012 USC Upstate	84.033	P033A117400	88,586
College WorkStudy 2010-2011 Columbia	84.033	P033A103813	95,441
College WorkStudy 2011-2012 Columbia	84.033	P033A113813	1,046,894
Federal Perkins Loan Program 2011-2012 Columbia	84.038	P038A103813	2,408,496
Federal Perkins Loan Program 2011-2012 2 Yr Campuses	84.038	P038A103812	52,852
Federal Perkins Loan Program 2011-2012 Aiken	84.038	P038A107399	179,383
Federal Perkins Loan Program 2011-2012 Spartanburg	84.038	P038A107400	192,628
Pell Grant Admin Allow FY 2010-2011	84.063	P063Q103261	525
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q113261	12,070
Pell Grant Program 2010-2011 / Sumter	84.063	P063P103261	10,326
Pell Grant Program 2010-2011 / Lancaster	84.063	P063P103261	74,875
Pell Grant Program 2010-2011 / Salkehatchie	84.063	P063P103261	(13,599)
Pell Grant Program 2010-2011 / Union	84.063	P063P103261	26,200
Pell Grant Program 2011-2012 / Sumter	84.063	P063P113261	1,684,740
Pell Grant Program 2011-2012 / Lancaster	84.063	P063P113261	3,006,457
Pell Grant Program 2011-2012 / Salkehatchie	84.063	P063P113261	3,060,796
Pell Grant Program 2011-2012 / Union	84.063	P063P113261	1,329,497
Pell Grant 2010-2011 Aiken	84.063	P063P102201	119,291
Pell Grant Admin Allow FY 2010-2011	84.063	P063Q102201	150
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q112200	29,445
Pell Grant 2011-2012 Aiken	84.063	P063P112201	5,588,918
Pell 2008 - 2009 Beaufort	84.063	P063P085738	4,731
Pell 2009 - 2010 Beaufort	84.063	P063P095738	3,735
Pell Grant 2010-2011 Beaufort	84.063	P063P105738	31,250
Pell Grant Admin Allow FY 2010-2011	84.063	P063Q105738	150
Pell Grant Program 2011-2012 / Beaufort	84.063	P063P115738	3,192,748
Pell Grant Admin All 2011-2012 Beaufort	84.063	P063Q115738	4,115
Pell Grant Admin Allow FY 2010-2011	84.063	P063Q102877	230
Pell Grant 2010-2011 USC Upstate	84.063	P063P102877	158,783
Pell Grant Admin Allow FY 2011-2012	84.063	P063Q112877	13,305
Pell Grant 2011-2012 USC Upstate	84.063	P063P112877	10,475,199
Pell Grant Admin Allow FY 2010-2011	84.063	P063Q102200	545
Pell Grant 2010-2011 Columbia	84.063	P063P102200	552,556
Pell Grant 2011-2012 Columbia	84.063	P063P112200	23,960,025
Direct Loan Program 2010-2011	84.268	P268K112201	159,667
Direct Loan Program 2011-2012	84.268	P268K122201	16,129,411
Direct Loan Program 2010-2011	84.268	P268K115738	63,953
Direct Loan Program 2011-2012	84.268	P268K125738	9,995,489
Direct Loan Program 2010-2011	84.268	P268K116800	9,437
Direct Loan Program 2011-2012	84.268	P268K126800	2,625,861
Direct Loan Program 2010-2011	84.268	P268K116804	90,789
Direct Loan Program 2011-2012	84.268	P268K126804	4,319,597
Direct Loan Program 2010-2011	84.268	P268K116799	(23,578)
Direct Loan Program 2011-2012	84.268	P268K126799	5,712,091
Direct Loan Program 2010-2011	84.268	P268K116852	19,630
Direct Loan Program 2011-2012	84.268	P268K126852	2,000,726
Direct Loan Program 2010-2011	84.268	P268K112877	145,371
Direct Loan Program 2011-2012	84.268	P268K122877	30,654,561
Direct Loan Program 2010-2011	84.268	P268K112200	2,539,166
Direct Loan Program 2011-2012	84.268	P268K122200	192,822,795
Academic Competiveness Grant (ACG) 10-11	84.375	P375A105738	375
Academic Competiveness Grant (ACG) 10-11	84.375	P375A103261	(375)
Academic Competiveness Grant (ACG) 10-11	84.375	P375A103261	(238)
Academic Competiveness Grant (ACG) 10-11	84.375	P375A102877	(843)
Academic Competiveness Grant (ACG) 10-11	84.375	P375A102200	3,258

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Education, continued			
Smart Grant 2010-2011 USC Upstate	84.376	P376S102877	(2,000)
Smart Grant 2009-2010	84.376	P376S092200	1,982
Smart Grant 2010-2011	84.376	P376S102200	22,117
Teach Grant 2010 2011 USC Upstate	84.379	P379T112877	(4,000)
Teach Grant 2011 2012 USC Upstate	84.379	P379T122877	18,329
Teach Grant 2010-2011 Columbia	84.379	P379T112200	4,000
Teach Grant 2011-2012 Columbia	84.379	P379T122200	140,458
Total U.S. Department of Education			326,204,791
U.S. Department of Health and Human Services			
Columbia Nursing Faculty Loan Prog 11-12	93.264	1-E01HP12960-03	90,010
Columbia Nursing Faculty Loan Program	93.264	3-NFLP900066	112,833
Health Professions Student Loan - Columbia Pharmacy	93.342	NONE	78,853
Health Professions Student Loan - Columbia Medicine	93.342	NONE	49,580
Health Professions Student Loan - Columbia Primary Care	93.342	NONE	(25)
Columbia Nursing Loan Program-Baccalaureate	93.364	1-E4CHP21749-01	19,840
Nursing Student Loan - Columbia Associate	93.364	NONE	1
Nursing Student Loan - Columbia Baccalaureate	93.364	NONE	65,636
Nursing Student Loan - Columbia Graduate	93.364	NONE	19,901
Nursing Student Loan - Spartanburg Associate	93.364	NONE	1
Nursing Student Loan - Aiken Associate	93.364	NONE	1
ARRA SCHL for Disadvantaged Students	93.925	1T08HP223560100	24,209
Total U.S. Department of Health and Human Services			460,840
Total Student Financial Assistance Cluster			326,665,631
TRIO Cluster			
U.S. Department of Education			
Talent Search Program	84.044	P044A110078	271,563
Educational Opportunity Centers Program	84.066	P066A110032	356,880
Passed through programs from:			
South Carolina Research Foundation			
Student Support Services	84.042	P042A101438	33,004
Student Support Services	84.042	P042A101438-11	228,757
Student Support Services - Grant-in-Aid	84.042	P042A101438-11	15,000
Student Support Services (SSS)	84.042	P042A101162	231,920
Student Support Services (SSS) - GRANT-IN-AID	84.042	P042A101162	12,681
Student Support Services 2010-2015	84.042	P042A101465	42,527
Student Support Services 2011-2012	84.042	P042A101465-11	177,672
Grant-in-Aid 2011-2012	84.042	P042A101465-11	10,225
USC Union Student Support Services	84.042	P042A100582	(49)
Student Support Services 2010-2015	84.042	P042A100121	253,154
Student Support Services 2010-15 Grant-in-Aid	84.042	P042A100121	32,275
Student Support Services	84.042	P042A100032	313,175
Student Support Services Program - Grant-in-Aid	84.042	P042A100032	40,105
Talent Search Program	84.044	P044A070860	60,013
Upward Bound	84.047	P047A080399	193,166
Upward Bound Program	84.047	P047A120485	11,423
Upward Bound	84.047	P047A080811	165,029
Upward Bound	84.047	P047A080342	351,021
Upward Bound	84.047	P047A121668	22,173
Educational Opportunity Centers	84.066	P066A060087	68,737
Ronald E. McNair Post baccalaureate Achievement Program	84.217	P217A070152	246,323
Total U.S. Department of Education			3,136,774
Total TRIO Cluster			3,136,774
Medicaid Cluster			
U.S. Department of Health and Human Services			
Passed through programs from:			
South Carolina Department of Disabilities and Special Needs			
Training and Certification for Attendant Care Services	93.778	20103043	743
Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants	93.778	2012-3043	78,689
South Carolina Department of Health and Human Services			
Training and Certification for Attendant Care Services	93.778	A10675A	1,820
Training and Certification for Attendant Care Services	93.778	A30675A	595,290
Outpatient Pediatric AIDS Clinic Services 11-12	93.778	C22746M	39,343
Contract Between SC Department of Health and Human Services and USC School of Medicine for the Purchase and Provision of Rural Outreach Program (#1599)	93.778	A21599A	719,538
Total U.S. Department of Health and Human Services			1,435,423
Total Medicaid Cluster			1,435,423

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WIA Cluster			
U.S. Department of Labor			
Passed through programs from:			
Upstate Workforce Investment Board			
Achieve 2010-11	17.259	10Y603C4-UWIB	2,907
ACHIEVE 2010-11 (Administrative Account)	17.259	10Y6AXUSC1-UWIB	719
ACHIEVE 2011-12	17.259	11Y603C4-UWIB	284,166
Total U.S. Department of Labor			287,792
Total WIA Cluster			287,792
Special Education Cluster (IDEA)			
U.S. Department of Education			
Passed through programs from:			
South Carolina Department of Education			
Project Speech-Language Pathology Recruitment and Retention Cohort E - 2010	84.027	11CO308-03	(1,642)
Project Speech-Language Pathology Recruitment and Retention Cohort C (Year 5)	84.027	12CO308-03	33,660
Project Speech-Language Pathology Recruitment and Retention Cohort D (Year 4)	84.027	H63010100911	66,484
Project Speech-Language Pathology Recruitment and Retention Cohort E (Year 2)	84.027	COHORT E-2	87,285
Project Speech-Language Pathology Recruitment and Retention Cohort F (Year 1)	84.027	COHORT F-1	123,385
Project CREATE 2010-11	84.027	11CO308-01	25,680
Project CREATE 2011-12	84.027	H63010100911	9,896
Project CREATE 2010-11	84.027	SC DEPT OF EDU	(3,026)
Project CREATE 2011-12	84.027	12CO308-02	15,140
SC Department of Education Special Education Parent Survey Analysis	84.173	SC DEPT EDU	5,499
South Carolina School for the Deaf and Blind			
South Carolina Interagency Deaf Blind Project	84.027	SCSDB/USDE	8,226
South Carolina Interagency Deaf-Blind Project	84.027	SCH OF DEAF & B	2,099
Total U.S. Department of Education			372,686
Total Special Education Cluster (IDEA)			372,686
Early Intervention Services Cluster (IDEA)			
U.S. Department of Education			
Passed through programs from:			
South Carolina First Steps to School Readiness			
Training in Early Childhood Solutions	84.181	SCFSS/USDE	3,751
Training in Early Childhood Solutions	84.181	SCFSSR/USDE	466,966
Total U.S. Department of Education			470,717
Total Early Intervention Services Cluster (IDEA)			470,717
CCDF Cluster			
U.S. Department of Health and Human Services			
Passed through programs from:			
South Carolina Department of Social Services			
Building a Statewide System for Inclusion (Ages & Stages Component)	93.575	SC DSS/HHS DR	141,001
Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant	93.575	G10050T	3
Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant and The Center on the Social Emotional Foundations Early Learning Pyramid Model	93.575	G11050T	84,005
Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant and The Center on the Social Emotional Foundations Early Learning Pyramid Model	93.575	G11050T	6,928
Child Care Development Fund (CCDF): Special Needs Child Care Provider Access Grant and The Give Army Parents a Break Project (ABC Special Needs Component)	93.575	SC DSS/HHS DR	233,881
South Carolina Program for Infant/Toddler Care - Infant-Toddler Specialist Network (2010-11)	93.596	C11036H	1,416
South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2011-12)	93.596	C12036H-1	711,128
Management and Administration of the Child Care Resource & Referral Network	93.596	5000011358	1,039,555
South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2011-12)	93.596	C12036H-1	32,668
Total U.S. Department of Health and Human Services			2,250,585
Total CCDF Cluster			2,250,585
Other Programs			
U.S. Department of Education			
Project POSTS: Preparation of Secondary Transition Specialists	84.325	H325K110505	57,042
USC Special Education Program Improvement Project (USC SEPIP)	84.325	H325T110004	138,905
Jacob Fellowships 2011-2012	84.170	P170B110008	38,024
South Carolina Assistive Technology Program	84.224	H224A110040	198,900
South Carolina Assistive Technology Program	84.224	H224A120040	207,398
Passed through programs from:			
Allendale County School District			
A-F Middle School Summer Youth Program 2011	84.999	ALLENDALE C S D	23,175
Clarendon County School District Two			
Clarendon School District Two Autism Consultation Services	84.999	CLARENDON SCH 2	5,451

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Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Education, continued			
Florence School District One			
Reading, Writing, and Speaking about American History	84.215	FLORENCE SCH #1	164,093
Reading, Writing, and Speaking about American History	84.215	FLORENCE SCH #1	72,583
Lancaster School District			
GearUp II: Gaining Early Awareness and Readiness for Undergraduate Programs	84.999	LANCASTER CTY S	117,253
Lexington County School District Two			
Gifted and Talented Elementary Program Review for Lexington County School District Two	84.999	LCS D 2/USDE	10,000
Lexington/Richland School District Five			
2011 Challenging Horizons Program Summer Camp at the Rivers Edge Retreat	84.999	SCH DISTRICT 5	17,361
2011-12 CHP @ Les After-School Program (Leaphart Elementary)	84.999	SCH DIS 5 RLC	29,707
2011-12 IMS CHP After-School Program	84.999	SCH DIS 5 RLC	29,461
2011-12 CHP at SOE and HEC Elementary Schools (Seven Oaks Elementary and HE Corley	84.999	SCH DIS 5 RLC	122,915
2012 CHP Summer Camp at IMS: Part 1-Funds From SOE and HEC 21st CCLC Grant	84.999	19277	4,721
2012 CHP Summer Camp at IMS: Part 3-Funds From LES 21ST CCLC Grant	84.999	19279	1,067
Reading, Writing and Reasoning in American History Project	84.215	LEX CTY SCH 5	82,181
Reading, Writing and Reasoning in American History Project	84.215	LEX CTY SCH 5	30,559
Marlboro County School District			
YEP Afterschool Program at Bennettsville Elementary 2011-12	84.999	MCS D/SCDE/USDE	68,430
Office of Research and Development Lancaster School District			
Gear Up	84.999	LANCASTER SCHO	8,174
Richland Lexington School District One			
WA Perry Afterschool Program 2011-12	84.999	01502226-000	50,668
Richland School District One			
WA Perry Afterschool Program	84.999	01405068-000	1,456
South Carolina Research Foundation			
"The Evaluation and Modernization of VET within the Digital Creative Industries"	84.116	PO#1000840428	14,136
Long Term Training: Vocational Rehabilitation	84.129	H129B100022	115,372
GAANN Program in the Department of Biological Sciences	84.200	P200A090301	190,283
The Possibilities Are Endless: Promoting Braille Throughout South Carolina	84.235	H235E090010	126,095
Preparing Personnel to Fill Speech Pathology Vacancies in South Carolina:			
A Mentoring and Partnership Program With School Districts	84.325	H325K080303	211,374
Preparation of Early childhood Special Education (ECSE) Personnel in South Carolina	84.325	H325K060123	149,683
Preparation of Leadership Personnel: Project PALEEIS	84.325	H325D080025	129,189
Preparing School Counselors as Related Service Providers for Children and Youth Disabilities	84.325	H325K080321	181,619
Preparation of Leadership Personnel: Project SPEARTIP	84.325	H325D090025	151,861
Paraprofessionals Preservice Improvement Grant	84.325	H324N100019	116,725
Preparing Highly Qualified Personnel to Serve Children with Visual Impairment (Combined Personnel Preparation 84.25K)	84.325	H325K080238-08	211,423
Special Education Preservice Improvement 84.325T	84.325	H325T090012	72,011
Child Care Access Means Parents in Schools(CCAMPIS) 2009	84.335	P335A090117	60,029
Spartanburg Scholars Academy	84.361	U361A070037	294,233
National Writing Project Potential Site Funding Application	84.928	07-SC12	24,172
Hearing Every Voice	84.999	PO#85031	2,746
South Carolina Commission on Higher Education			
Nature-Based Inquiry	84.367	CHE/USDE	36,974
Nature-Based Inquiry	84.367	SC CHE/USDE	53,413
Nature-Based Inquiry (Supplement)	84.367	SC CHE/USDE	10,075
On-TRACK: Teaching Reading and Content Knowledge Year 4	84.367	SC CHE/USDE	84,969
Distance Education for Developing Highly Qualified Middle School Mathematics Teachers (Yr 3)	84.367	FY10-11	26,231
PRIME TIME on Achievement: Projects for Rigorous Instruction in Mathematics Education with Technology Integration for Maximum Effect on Achievement	84.367	SC CHE	49,301
Distance Education for Developing Highly Qualified Middle School Mathematics Teachers (Yr 4)	84.367	SCCHE/USDE	62,186
Improving Teacher Quality Distance Education for Developing Highly Qualified Middle School Mathematics Teachers (Yr 4 Supplement)	84.367	SC CHE	15,268
Algebra-Nspired Institutes	84.367	SC CHE	22,912
Unveiling Mathematics Standards	84.367	SC CHE/USDE	23,131
Unveiling Mathematics Standards Year 2	84.367	SC CHE/USDE	59,587
South Carolina Department of Education			
Evaluation of SC Gateways: From Cradle to Career	84.323	H63010013311	46,371
Evaluation Work for Year 4 of the TRIAAD Project	84.373	11CJ308-01	70,194
Evaluation of SC Gateways: From Cradle to Career	84.999	H63010013311	18,118
Sumter School District 17			
Autism Consultation Services	84.999	SUMTER SCH D 17	5,581
Sumter School District 18			
Autism Consultation Services	84.999	SUMTER SCH D 17	9,486
College of Charleston			
Postsecondary Education Subcontract	84.407	520875-USC	39,705
National Writing Project Corporation			
National Writing Project	84.928	92-SC05	39,700
National Writing Project	84.928	92-SC06	39,899
National Writing Project	84.928	92-SC07	23,945

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U.S. Department of Education, continued			
Williamsburg County School Distc			
A Story to Tell: Teaching America's Past for America's Future	84.999	WCSD/USDE	171,201
A Story to Tell: Teaching America's Past for America's Future	84.999	WCSD/USDE	73,767
Total U.S. Department of Education			4,512,489
U.S. Department of Health and Human Services			
South Carolina Public Health Training Center	93.249	1UB6HP20187-01	197,694
South Carolina Public Health Training Center (Year 2)	93.249	1UB6HP20187-01	583,992
Geriatric Academic Career Award (2010-2015)	93.250	6K01HP205050101	12,870
Geriatric Academic Career Award (2010-2015)	93.250	6K01HP205050101	48,335
Advanced Education Nursing Traineeship Program FY2011	93.358	2A10HP00135-12	43,725
Advanced Education Nursing Traineeship Program FY2011	93.358	2A10HP00135-12	14,800
ARRA Public Health Traineeships	93.405	A0AHP16418	45,198
Public Health Traineeship	93.964	3-A03HP01181-80	35,052
Palmetto State Geriatric Education Center II	93.969	1UB4HP19212-01	1,382
Palmetto State Geriatric Education Center II	93.969	5UB4HP19212-02	7,743
Palmetto State Geriatric Education Center II	93.969	1UB4HP19212-01	294
Palmetto State Geriatric Education Center II	93.969	5UB4HP19212-02	7,535
Palmetto State Geriatric Education Center II	93.969	1UB4HP19212-01	51,502
Palmetto State Geriatric Education Center II	93.969	5UB4HP19212-02	333,492
Palmetto State Geriatric Education Center II	93.969	UB4HP19212-0300	1
Passed through programs from:			
South Carolina Lieutenant Governor's Office			
Model Approaches to Legal Assistance Programs Office on Aging, Year 2	93.048	MALUSCSL11	1
Model Approaches to Legal Assistance	93.048	MALUSCSL12	10,000
Dementia Dialogues Training	93.051	LT GOVERNOR'S O	7,800
Dementia Dialogues Training	93.051	LT GOVERNOR'S O	7,096
ARRA - Communities Putting Prevention to Work: Chronic Disease Self-Management Program	93.725	90RA0044-01	19,150
Development and Implementation of a Person-Centered Hospital Discharge Planning Model-Year 4	93.999	LT GOV /AGING	48,019
Development and Implementation of a Person-Centered Hospital Discharge Planning Model	93.999	LT GOV/HHS	28,676
Person-Centered Training	93.999	LT. GOVERNOR	1,149
South Carolina Research Foundation			
Traineeships for Nurse Anesthetists	93.124	1A22HP21708-01	8,723
South Carolina HIV/AIDS Clinical Training Center	93.145	S450425	1
South Carolina HIV/AIDS Clinical Training Center (MAI)	93.145	S450424	2,806
South Carolina HIV/AIDS Clinical Training Center	93.145	S683878	150,000
South Carolina HIV/AIDS Clinical Training Center	93.145	S722089	33,964
South Carolina HIV/AIDS Clinical Training Center (AETC) Basic Grant	93.145	EMORY U	1
Leave No Qualified Nursing Student Behind (Nursing Workforce Diversity)	93.178	5D19HP19021-02	234,239
SC Disability and Health Project	93.184	5U59DD000268-05	277,064
Chronic Care Quality Improvement Learning Laboratory (CQuILL)	93.226	1K02HS017013-01	15,560
South Carolina Poison Center Support and Enhancement Project	93.253	5H4BHS155450200	43,982
South Carolina Poison Center Support and Enhancement Project	93.253	5H4BHS15545-03	246,345
SCienceLab	93.389	2R25RR018542-04	151,271
Addressing Parental Smoking by Changing Pediatric Office Systems	93.393	206601	56,899
Smoking Cessation for Adolescents	93.393	1R01CA140576-01	121,000
PASOs for Parents	93.590	06-03-11-PE&S	8,483
PASOs for Parents Renewal/HHS	93.590	06-03-12-PE&S	23,997
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DD0607	534,408
CITIA-SC: Creating a Healthier South Carolina Through Health Information Technology	93.718	90RC0047	2,021,553
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.859	5T32GM081740-03	850
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.859	5T32GM081740-04	201,602
Physical Activity and Nonalcoholic Fatty Liver Disease in US Adolescents	93.865	1F32HD066924-01	51,316
A Parent Intervention for Improving Physical Activity and Diet in Adolescents	93.865	1F31HD066944-01	33,915
Children's Trust Maternal, Infant, and Early Childhood Home Visiting Program	93.999	TCTF OF SC	113,888
Florida Coalition Against Domestic Violence CDC Primary Prevention Evaluation	93.999	FCADV/CDC	7,375
Strengthening State and Community Systems for Early Identification and Intervention for Children with Autism Spectrum Disorders in South Carolina	93.999	2011-01-0127-08	7,045
South Carolina Department of Health and Environmental Control			
SC DHEC Bioterrorism Project	93.069	DC-08071/727054	153,557
The SC Emergency Systems for Advance Registration of Volunteer Health Professionals (ESAR-VHP) Acute Care Hospital Surge Project	93.089	ER-01-012	6,800
The SC Emergency Systems for Advance Registration of Volunteer Health Professionals (ESAR-VHP) Acute Care Hospital Surge Project	93.089	ER-02-011	213,117
SC DHEC Div of STD/HIV 11-12	93.153	HV-2-099	124,089
Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY)	93.153	HV-1-016	12,855
Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their Families (CSWICY)	93.153	HV-2-100	140,577
Team-based Product Assessment and Enhancement in Support of the SCDHEC Region 7 Advanced Practice Center (APC)	93.283	SC DHEC	70,491
DHEC Region 7 Advanced Practice Center	93.283	DHEC REGION 7	31,954
Contract Between South Carolina Department of Health and Environmental Control, Bureau of Maternal and Child Health and the University of South Carolina, Contract No. MC-09-009	93.283	MC-09-009	13,470
Academic Detailing to Promote Smoking Cessation (SCORxE-SCDHEC Outreach Partnership)	93.520	CY-1-778	23,043
2010-2012 Public Health Practice Postgraduate Program	93.723	CY-11-005	20,859
2010-2012 Public Health Practice Postgraduate Program	93.723	CY-11-005	38,041
2010-2012 Public Health Practice Postgraduate Program	93.723	CY-11-005	137,093
2010-2012 Public Health Practice Postgraduate Program	93.724	CY11005/813743	322

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U.S. Department of Health and Human Services, continued			
Florence, Kershaw and Horry counties - BRFS(3,000 RDD Landline Interviews)	93.724	WAT 2011 - 02	14,966
Florence, Kershaw and Horry counties - BRFS(750 RDD Landline Interviews)	93.724	WAT-2011-02	1,249
Redundant Communications for Healthcare in SC	93.889	MAR-2011-01	(13)
Enhancing Interoperable Communication within South Carolina Hospitals and Healthcare Coalitions	93.889	ER-02-010	29,684
DHEC Region 3 Coalition & Ham Radio Support	93.889	R3-2-764	17,446
Ryan White HIV/AIDS Treatment Modernization Act - Part B (SC ADAP Insurance)	93.917	4400000514	191
Ryan White HIV/AIDS Treatment Extension Act - Part b (Base Funds)	93.917	4400000514	2,598,509
Ryan White HIV/AIDS Treatment Extension Act - Part b (Emerging Communities)	93.917	4400000514	89,596
Minority AIDS Initiative (MAI) - Programs Increasing Access to Ryan White Medications for Racial and Ethnic Minorities: Prison Linkage Program and Sumter Health Promoters Program	93.917	RFP-38037	48,726
Ryan White HIV/AIDS Treatment Extension Act - Part B (SC ADAP Insurance)	93.917	4400000514	116,925
Ryan White HIV/AIDS Treatment Extension Act - Part B	93.917	DHEC/HRSA	795,533
Ryan White HIV/AIDS Treatment Extension Act - Part B Emerging Communities	93.917	DHEC/HRSA	70,602
Ryan White HIV/AIDS Treatment Extension Act - Part B	93.917	DHEC/HRSA	9,434
Ryan White HIV/AIDS Treatment Extension Act - Part B - SC ADAP Insurance	93.917	4400000514	42,190
Perinatal HIV Prevention Case Management	93.940	HV-0-624	43,831
Perinatal HIV Prevention: Comprehensive Risk Counseling and Services	93.940	HV-2-728	42,272
Pregnancy Risk Assessment Monitoring Systems	93.946	4100031742	2,561
2012 Behavioral Risk Factor Surveillance Survey-CHAMP follow-up interviews	93.994	CY-12-020	27,867
SC DHEC Environmental Public Health Tracking Project	93.999	PH-1-435	1,228
SC DHEC Environmental Public Health Tracking Project	93.999	PH-2-424	19,789
DHEC Region 5 Evacuation Exercise	93.999	R5-1-704	625
Independent Informal Dispute Resolution	93.999	4100030077	3,893
Evaluation of SC DHEC Core Violence and Injury Prevention Program Base Integration Component Grant	93.999	CY-12-016	25,438
South Carolina Department of Education			
Evaluation of Let's Talk Chester Abstinence Education	93.235	SC DEPT OF EDU	15,015
South Carolina Department of Mental Health			
Primary and Behavioral Health Care Integration in Chesterfield, Dillon, and Marlboro Counties	93.243	J12014025010	5,000
Medical University of South Carolina			
Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Subcontract	93.110	MUSC11-102	71,362
South Carolina Department of Social Services			
SC Kinship Navigator Program/USC and SC Department of Social Services	93.605	G11073T	72,629
Connecting 4 Kids/SC Department of Social Services	93.605	G11073T	92,951
Legal Training for DSS Staff and Agents	93.643	5000010901	51,383
Support of Children's Justice Act Task Force	93.643	5000011303	62,600
Operation of the Children's Law Center	93.643	TO CLC6	176,044
Legal Training for DSS Staff and Agents	93.643	TOCLC1	656,334
Legal Training for DSS Staff and Agents (Court Liaison Initiative)	93.643	TOCLC4	144,771
Legal Training for DSS Staff and Agents (Support for Work Groups an Special Initiatives)	93.643	TOCLC5	52,072
The Purchase of Social Work Training for DSS Staff and Agents: Training	93.648	C11001504	283,902
The Purchase of Social Work Training for DSS Staff and Agents: Program Administration	93.648	C11001504	37,434
The Purchase of Social Work Training for DSS Staff and Agents: Information Design	93.648	C11001504	45,487
The Purchase of Social Work Training for DSS Staff and Agents: Education & Community Initiatives	93.648	C11001504	62,716
The Purchase of Social Work Training for DSS Staff and Agents - Consortium	93.648	C11001504	77,518
The Purchase of Social Work Training for Staff and Agents (Child Welfare Training)	93.648	TO3	592,919
The Purchase of Social Work Training for Staff and Agents (Enhancing Youth Leadership Skills (GOALL)	93.648	TO4	147,682
The Purchase of Social Work Training for Staff and Agents (Hispanic Assistance Bilingual Access (Habia) Program)	93.648	TO5	396,855
The Purchase of Social Work Training for Staff and Agents (Facilitation of the Citizens Review Panel)	93.648	TO6	116,007
The Purchase of Social Work Training for Staff and Agents (Economic Services Training)	93.648	TO8	249,594
The Purchase of Social Work Training for DSS Staff and Agents. Task Order #9: Adult Protective Services Training	93.648	TO #9	14,374
ARRA Child Care Quality Enhancement Project	93.701	C10032H	67,004
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2010-11	93.999	C11003H-4	28,253
Improve the Quality of Child Care for South Carolina Families 2011-12	93.999	C11069H-3	133,085
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2011-12	93.999	5000012254	251,609
Improve the Quality of Child Care for South Carolina Families 2012-13	93.999	C12069H-4	11,261
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2011-12	93.999	5000012254	27
DSS Legal Training - Task Order 1	93.999	DSS/HHS	294
Conducting a Statewide Child Care Market Rate Survey and a Statewide Child Care Workforce Survey, Collecting and Analyzing Survey Data	93.999	5000011245	23,150
South Carolina Court Administration			
Court Improvement Training Project	93.586	20101001SCSCIT	136,870
Court Improvement Training Grant	93.586	(CAN)1101SCSCIT	74,375
South Carolina Council of Developmental Disabilities			
Autism Diagnostic Services	93.630	01-21-0069	22,589
South Carolina Developmental Disabilities Council			
South Carolina Autism Treatment Network	93.630	001-21-0067	9,944
South Carolina Autism Treatment Network	93.630	01-21-0067	7,205
2010-2011 Screening for Developmental Milestones in Family Medicine	93.630	0-21-0030	(4)
South Carolina Assistive Technology Expo	93.630	001-21-0071	2,500

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the year ended June 30, 2012

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Health and Human Services, continued			
South Carolina Department of Health and Human Services			
Academic Detailing for the CHIPRA Quality Demonstration Grant (QTIP Project)	93.999	A51644A	139,345
South Carolina Medicaid Academic Detailing Program	93.999	A21541A	337,322
Work Support Strategies Grant	93.999	A21691A	98,561
Purchase and Provision of Medical Director/Consultant Services for the Medicaid Program	93.999	A21599A	263,081
DHHS/SCCAMRS Administrative Contract FY11-12	93.999	A21593A	229,590
Ongoing Consumer Satisfaction Survey	93.999	A21722A	60,000
Health Information Technology and Exchange Coordination	93.999	A11626A	(1,933)
University of North Carolina Institute of Public Health			
Southeast Public Health Training Center Contract	93.964	W001824	642
Association of University Centers on Disabilities			
Consortium on Postsecondary Education for Students with Intellectual Developmental Disabilities	93.998	5360-890	5,033
Consortium on Postsecondary Education for Students with Intellectual/Developmental Disabilities	93.998	891-960	9,974
CFO Greenville Hospital System			
Medical Education/Medicaid Enhanced Teaching	93.998	GREENVILLE HOSP	233,382
South Carolina Department of Insurance			
Health Insurance Exchange - Affordable Health Care Act	93.999	SC DEPT OF INSU	124,310
National Network of Libraries of Medicine			
NN/LM SE/A Express Digitization and Conservation Award	93.999	U OF MARYLAND	8,227
Total U.S. Department of Health and Human Services			16,540,948
Library of Congress			
Passed through programs from:			
South Carolina Research Foundation			
Get a Clue: Using Primary Sources to Uncover History's Mysteries	42.999	GA GA08C0016	10,859
Total Library of Congress			10,859
National Aeronautics and Space Administration			
Passed through programs from:			
South Carolina Research Foundation			
Request for Funding for the Chapman Conference Remote Sensing of the Terrestrial Water Cycle Kona, Hawaii February 20-24 2012	43.001	NNX12AG94G	17,500
Total National Aeronautics and Space Administration			17,500
U.S. Department of Agriculture			
Passed through programs from:			
South Carolina Research Foundation			
Video Coverage for Providing Diversity in Cropping Systems to Improve Soil Health	10.903	68-7482-11-535	24,787
Southern Carolina Region Economic and Community Development	10.999	SCA/USDA	69,559
South Carolina Department of Social Services			
USDA Food Service Program	10.558	C10298F	2,549
Family Daycare Homes 2010-2011	10.558	C11669F	37,827
Total U.S. Department of Agriculture			134,722
U.S. Department of Commerce			
University Center Economic Development Program (Year 3)	11.303	04-66-06268-02	122,201
University Center Economic Development Program (Year 2)	11.303	04-66-06268-01	26,047
Passed through programs from:			
South Carolina Research Foundation			
Using Massively Parallel DNA Sequencing to Characterize Complex Mixtures of Fish Eggs	11.999	EA133F11SE2614	16,259
Using Massively Parallel DNA Sequencing to Characterize Complex Mixtures of Fish Eggs (Issued by Kansas City, MO)	11.999	WC133F11SE1402	18,223
Total U.S. Department of Commerce			182,730
U.S. Department of Defense			
Procurement Technical Assistance Program for Business Firms (State Directors Office)	12.002	SP4800-11-21182	78,341
Procurement Technical Assistance Program for Business Firms (USC)	12.002	SP4800-11-21182	27,399
NROTC Educational Instruction Calculus and Physics	12.999	N0014-006-G0053	2,394
Veterans Health Administration VEGA Training and Evaluation	12.999	509-E26111	13,615
Passed through programs from:			
South Carolina Research Foundation			
Meeting Executive Order Environmental and Energy Management goals through EMS Program Integration and BLUMED EMX Applications	12.300	W6126G-10-20007	115,776
Estonian Defense Community HIV/STI Education and Prevention Program	12.350	N00244111000710	71,282
DOD SC Junior Science & Humanities Symposium	12.630	W911NF-10-C0076	1,421
DOD SC Junior Science & Humanities Symposium	12.630	W911NF-10-20076	14,737
Production of Tobacco Mosaic Virus to Support the Research Projects at NRL	12.999	N00173-11-P0424	24,373
Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones	12.999	W91WAW-10-C0061	115,610
Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones	12.999	W91WAW-10-C0061	121,399
Total U.S. Department of Defense			586,347

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the year ended June 30, 2012

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
U.S. Department of Housing and Urban Development			
Passed through programs from:			
South Carolina Department of Health and Environmental Control			
DHEC HOPWA Career Services Program	14.241	MAR-2011-14	56,711
DHEC HOPWA Career Services Program	14.241	SC DHEC/HUD	7,555
City of Columbia			
HOPWA HIV Services for Columbia EMSA Residents	14.241	CITY OF COLUMBI	501
HOPWA HIV Services for Columbia EMSA Residents	14.241	CITY OF COLUMBI	398,715
Case Management, Mental Health and Substance Abuse Services for Persons with HIV in the Columbia EMSA	14.241	CITY TO COLUMBI	1,883
Housing First Program for Homeless Persons with Disabilities	14.999	2010-11	(322)
ARRA: Homelessness Prevention and Rapid Rehousing Case Management	14.999	CITY OF COLA/HU	29,523
Total U.S. Department of Housing and Urban Development			494,566
U.S. Department of Interior			
Passed through programs from:			
South Carolina Research Foundation			
Operation of the Mid-America Integrated Seismic Network - 2010-2014 - USC	15.807	G10AC00073	45,132
South Carolina Department of Archives and History			
GIS Technician for ArchSite	15.999	SCDAH/DOI	1,943
Services for ArchSite to Provide On Line Access	15.999	SCDAH/DOI	40,079
Printing of South Carolina Archaeology Month Poster 2011	15.999	SC ARCHIVES & H	3,778
Total U.S. Department of Interior			90,932
U.S. Department of Justice			
Psychological Services Contract with the National Advocacy Center, U.S. Department of Justice	16.999	OP NAC 01 0044	33,962
Student Clinical Practice and Training Project	16.753	2009-DI-BX-0140	59,793
Passed through programs from:			
South Carolina Department of Alcohol and Other Drug Abuse Services			
Palmetto Initiative for Campus/Community Collaborative (PICCC)	16.727	DAODAS/DOJ	12,894
Palmetto Initiative for Campus/Community Collaboratives	16.727	FY12 USC PICC-2	22,309
South Carolina Department of Public Safety			
Effective Assistance of Counsel	16.523	1JS08003	33,637
Multi-agency Approach to Improving the Juvenile Justice System	16.523	1JS09005	129,594
Community Programs: Implementing the Reduction of DMC	16.540	1J10002	80,610
South Carolina Research Foundation			
The New Standards Project	16.999	2010-VF-GX-K019	134,939
Total U.S. Department of Justice			507,738
U.S. Department of State			
Passed through programs from:			
South Carolina Research Foundation			
University of South Carolina Journalism School Partnership Project with the Caucasus School of Journalism and Media Management	19.999	SLMAQM10GR041VT	194,300
Total U.S. Department of State			194,300
U.S. Department of Transportation			
Passed through programs from:			
South Carolina Department of Public Safety			
Buckle Up South Carolina Observational Survey and Attitudinal Survey	20.999	SC DPS/DOT	2,722
Buckle Up South Carolina Observational Survey and Attitudinal Survey	20.999	SC DPS	51,381
Buckle Up South Carolina Observational Survey and Attitudinal Survey	20.999	SC DPS/DOT	2,990
Total U.S. Department of Transportation			57,093
National Endowment for the Humanities			
Passed through programs from:			
South Carolina Research Foundation			
South Carolina Newspaper Digitization Project	45.149	PJ-50046-09	144,539
Stories of the Great Migration	45.163	ES-50416-11	39,088
NEH Digital Humanities Start Up: BrailleSC.org	45.169	HD-51189-10	17,683
ASERL Collaborative Federal Depository Project	45.312	LG07-09-009509	11,083
Cultural Heritage Informatics Leadership (CHIL): An Experiment in Responsive Doctoral Studies	45.313	RE02-10-0008-10	218,577
Immigrants and Communities of Faith: Improving Understanding in South Carolina Classrooms	45.999	10-1374-1	1,747
South Carolina State Library			
South Carolina Digital Library: Ongoing Initiative	45.310	IIF-10-02	41,835
South Carolina Digital Library: Ongoing Initiative 2011	45.310	IIF-11-01	9,781
The Humanities Council			
South Carolina Digital Newspaper Program	45.310	HUMANITIES COUN	282
Total National Endowment for the Humanities			484,615
National Endowment for the Arts			
Passed through programs from:			
South Carolina Research Foundation			
Diverse Voices: Discovering Community through Traditional Arts	45.024	10-5500-7100	2,553
Total National Endowment for the Arts			2,553

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the year ended June 30, 2012

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
National Science Foundation			
S-STEM: Fueling the Workforce with Science Teacher Scholarships	47.076	DUE-0728665	209,539
Passed through programs from:			
South Carolina Research Foundation			
Service Activities for NEES Simulation Sub-Committee	47.041	CMMI-0927178	23,210
REV & USArrayMonitor Maintenance	47.050	78-TA	21,968
Collaborative Research: Landscape Connectivity and the Movement Ecology of Plant and Animal Communities	47.074	UF11121	5,000
Binghamton Geomorphology Symposium: Geospatial Technologies and Geomorphological Mapping	47.075	BCS-0924719	6,459
Workshop on Lay Public Knowledge of Science	47.075	BSC-1063341	16,331
SC Graduate Steps to STEM	47.076	DUE-0850208	54,195
SC Graduate Steps to STEM	47.076	DUE-0653164	421,061
Building a Climate Change Education Network	47.076	11-02-052	5,266
University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI)	47.076	DUE-1035379	134,643
University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI)	47.076	DUE-1035379	9,840
Graduate Teaching Fellows Enhancing STEM Education in South Carolina Schools	47.076	DGE-0440568	30,056
Subaward: Winthrop Initiative for STEM Educators (WISE)	47.999	P1201078/R12007	19,793
University of Minnesota			
Visiting professor at the University of Minnesota	47.049	CPS0000889215	17,078
Stevens Institute of Technology			
ENGAGE Mini Grant	47.999	0833076	6,407
Total National Science Foundation			980,846
Small Business Administration			
SBDC Renewal for Current Recipient Organizations - CY 2011 (USC)	59.037	1-603001Z004331	72,211
SBDC Renewal for Current Recipient Organizations - CY 2011 (State Director's Office)	59.037	1-603001Z004331	61,539
Small Business Jobs Act of 2010 (USC)	59.037	1-603001Z-0149	80,261
Small Business Jobs Act of 2010 (State Director's Office)	59.037	1-603001Z-0149	79,644
SBDC Renewal for Recipient Organizations - CY 2012 (USC)	59.037	2-603001Z004332	303,512
SBDC Renewal for Recipient Organizations - CY 2012 (State Director's Office)	59.037	2-603001Z004332	159,948
SBDC 2011 Carry-Over (State Director's Office)	59.037	1-603001Z004331	9,088
Passed through programs from:			
South Carolina Research Authority			
Nuclear Energy Technology and Components Program	59.999	2011-410	68,255
Total Small Business Administration			834,458
Environmental Protection Agency			
Passed through programs from:			
South Carolina Research Foundation			
Resource Conservation Challenge Program	66.611	95476011	25,651
Total Environmental Protection Agency			25,651
U.S. Department of Energy			
Passed through programs from:			
South Carolina Research Foundation			
Proposal for Continuation of Contract for DOE-SR Public Reading Room at the University of South Carolina Aiken	81.049	DEFG0908SR22632	13,779
South Carolina Universities Research and Education Foundation			
Earthquake Monitoring in South Carolina	81.999	WEST165	87,942
Fabrication of Lead-free Solder Samples Using an Electroplating System	81.999	WEST170/SC0251	10,333
Curriculum Module for Nuclear Forensics (American Physical Society - Education Module)	81.999	IDNE011	10,496
SRS Community Reuse Organization			
Development and Implementation of an Enhanced Biology Degree in Environmental Remediation and Restoration	81.999	DE-EM0001232	90,275
SRSCRO Advancing Nuclear Skills Regionally (ANSR) Salkehatchie	81.999	DE-EM0001232	111,040
Total U.S. Department of Energy			323,865
National Archives and Records Administration			
Passed through programs from:			
South Carolina Research Foundation			
The Papers of Howard Thurman, vol 2	89.003	NAR11-PS1004911	2,040
Total National Archives and Records Administration			2,040
Broadcasting Board of Governors			
Passed through programs from:			
South Carolina Research Foundation			
VOA Training - Broadcasting Board of Governors	90.999	BBG50-A-11-0472	26,295
Total Broadcasting Board of Governors			26,295

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the year ended June 30, 2012

<u>Federal grantor/pass-through grantor/program title</u>	<u>Federal CFDA number</u>	<u>Grant number</u>	<u>Expenditures</u>
U.S. Department of Homeland Security			
Passed through programs from:			
South Carolina Research Foundation			
Fire Prevention and Safety Grant 2009	97.044	EMW2009-FP00785	23,784
South Carolina Emergency Management Division			
University of South Carolina Disaster Resistant Hazard Mitigation Plan	97.999	PDMCPL04SC2009	<u>25,785</u>
Total U.S. Department of Homeland Security			<u>49,569</u>
U.S. Agency for International Development			
Passed through programs from:			
South Carolina Research Foundation			
Promoting New Media and Media Convergence in Russia	98.001	FY12PNMCNEWSPLE	<u>41,538</u>
Total U.S. Agency for International Development			<u>41,538</u>
Total Federal Expenditures			<u>\$ 460,456,175</u>

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, 2012 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 (FPL) 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 FPL program was \$17,961,783 as of June 30, 2012.

NOTE 4 - MATCHING

Under the FWS program, the University matched \$483,361 in total compensation for the year ended June 30, 2012, in addition to the federal share of expenditures in the accompanying schedule of expenditures of federal awards.

Under the FSEOG program, the University matched \$430,521 in funds awarded to students for the year ended June 30, 2012, 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, 2012:

<u>Federal granting agency</u>	<u>Federal CFDA number</u>	<u>Amount provided to subrecipients</u>
Environmental Protection Agency	66.RD	\$ 45,189
Total Environmental Protection Agency		<u>45,189</u>
National Aeronautics and Space Administration	43.RD	<u>113,941</u>
Total National Aeronautics and Space Administration		<u>113,941</u>
National Endowment for the Humanities	45.RD	2,144
	45.310	<u>2,516</u>
Total National Endowment for the Humanities		<u>4,660</u>
National Science Foundation	47.RD	837,027
	47.076	<u>2,494</u>
Total National Science Foundation		<u>839,521</u>
U.S. Department of Agriculture	10.RD	<u>17,274</u>
Total U.S. Department of Agriculture		<u>17,274</u>
U.S. Department of Commerce	11.RD	<u>295,982</u>
Total U.S. Department of Commerce		<u>295,982</u>
U.S. Department of Defense	12.RD	2,069,241
	12.350	23,000
	12.999	<u>32,091</u>
Total U.S. Department of Defense		<u>2,124,332</u>
U.S. Department of Education	84.RD	181,465
	84.325	<u>21,016</u>
Total U.S. Department of Education		<u>202,481</u>
U.S. Department of Energy	81.RD	6,103,066
	81.999	<u>9,970</u>
Total U.S. Department of Energy		<u>6,113,036</u>
U.S. Department of Health and Human Services	93.RD	4,295,085
	93.089	9,072
	93.184	10,000
	93.250	46,168
	93.575	6,180
	93.596	849,046
	93.648	67,494
	93.701	7,289
	93.718	1,717,371
	93.778	250,449
	93.917	1,194,485
	93.969	135,396
	93.999	<u>103,150</u>
Total U.S. Department of Health and Human Services		<u>8,691,185</u>

NOTE 5 - SUBRECIPIENTS, Continued

<u>Federal granting agency</u>	<u>Federal CFDA number</u>	<u>Amount provided to subrecipients</u>
U.S. Department of Interior	15.RD	<u>2,057</u>
Total U.S. Department of Interior		<u>2,057</u>
U.S. Department of Justice	16.RD	<u>160,924</u>
Total U.S. Department of Justice		<u>160,924</u>
U.S. Department of Transportation	20.RD	<u>96,126</u>
Total U.S. Department of Transportation		<u>96,126</u>
Grand Total		<u>\$ 18,706,708</u>



**INDEPENDENT AUDITOR'S 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 units of the University of South Carolina (the University), a department of the State of South Carolina (the State), as of and for the year ended June 30, 2012, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 10, 2012. 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 USC Upstate Foundation; and the Educational Foundation of the University of South Carolina - Lancaster, (collectively referred to as the 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

Management of the University is responsible for establishing and maintaining effective 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 deficiency in internal control 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 and correct misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the University's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, 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 awarding agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

Elliott Davis, LLC

Columbia, South Carolina
October 10, 2012



**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH
REQUIREMENTS THAT COULD HAVE A DIRECT AND MATERIAL EFFECT
ON 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 University of South Carolina's (the University) compliance with the types of compliance requirements described in the U. S. Office of Management and Budget (OMB) Circular A-133 *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2012. The University's major federal programs are identified in the summary of auditor's 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 of the University's compliance with those requirements.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2012.

Internal Control Over Compliance

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 the requirements that could have a direct and material effect on a major federal program to determine the auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, 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 deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be deficiencies, 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.

We have audited the financial statements of the business-type activities and the discretely presented component units of the University of South Carolina, a department of the State of South Carolina, as of and for the year ended June 30, 2012, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 10, 2012, which contained unqualified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the University's basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*, and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements 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, federal awarding agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

Elliott Davis, LLC

Columbia, South Carolina
October 10, 2012

**THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
For the year ended June 30, 2012**

I. Summary of Auditor's Results

Financial Statements

- | | | |
|------|---|---------------|
| (a.) | Type of auditor's report: | Unqualified |
| (b.) | Internal control over financial reporting: | |
| | 1) Material weaknesses identified: | No |
| | 2) Significant deficiencies identified that are not considered to be material weaknesses: | None reported |
| (c.) | Noncompliance material to financial statements noted: | No |

Federal Awards

- | | | |
|------|--|---------------|
| (a.) | Internal control over major programs: | |
| | 1) Material weaknesses identified: | No |
| | 2) Significant deficiencies identified that are not considered to be material weaknesses: | None reported |
| (b.) | Type of auditor's 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: | No |
| (d.) | Identification of major program: | |

<u>CFDA Numbers</u>	<u>Name of federal program or cluster</u>	
84.007; 84.033; 84.038; 84.063; 84.268; 84.375; 84.376; 84.379; 93.264; 93.342; 93.364; 93.925	Student Financial Assistance Cluster	
(e.)	Dollar threshold used to distinguish between type A and type B Programs:	\$3,000,000
(f.)	Auditee qualified as low risk auditee?	No

THE UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
For the year ended June 30, 2012

**II. Findings Relating to the Basic Financial Statements Reported in Accordance with
Government Auditing Standards:**

NONE REPORTED

III. Findings and Questioned Costs Relating to Federal Awards:

NONE REPORTED

THE UNIVERSITY OF SOUTH CAROLINA
SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS
For the year ended June 30, 2012

NONE REPORTED