University of South Carolina

OMB Circular A-133 Reports

For the year ended June 30, 2014

University of South Carolina OMB Circular A-133 Reports *Contents*

Page
Schedule of Expenditures of Federal Awards1-28
Notes to Schedule of Expenditures of Federal Awards 29-31
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
Independent Auditor's Report on Compliance For
Each Major Federal Program; Report on Internal Control
Over Compliance; and Report on Schedule of Expenditures
of Federal Awards Required by OMB Circular A-133 34-36
Schedule of Findings and Questioned Costs
Summary Schedule of Prior Audit Findings40

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
rederal grantor/pass-through grantor/program title	number	Grant number	Expenditures
esearch and Development Cluster			
Executive Office of the President Passed through programs from:			
University of South Carolina Research Foundation			
Analysis of Drug-Involved Driving Data from the Fatality Analysis Reporting System: An Update and Extension	00.RD	G13USCAROLINA	\$ 36,14
Total Executive Office of the President			36,14
National Academy of Sciences			
Passed through programs from:			
University of South Carolina Research Foundation			
Phase III - University-Industry Demonstration Partnership	00.RD	PGA-2000003311	287,46
Phase III - University-Industry Demonstration Partnership	00.RD	PGA2001113311	50,40
Total National Academy of Sciences			337,86
lational Film Preservation Foundation	00.00	FED12 011	7.50
National Film Preservation Foundation Basic Preservation Grant: Buffington Collection	00.RD	FED13-041	7,58
Total National Film Preservation Foundation			7,58
Office of National Drug Control Policy			
Passed through programs from: University of South Carolina Research Foundation			
Constructing a Drug Consequences Index	00.RD	G10USCAROLINA	11,41
Total Office of National Drug Control Policy			11,41
he National Academies Passed through programs from:			
University of South Carolina Research Foundation			
Phase II - University-Industry Demonstration Partnership	00.RD	PGA-P290917	20,79
Phase II - University-Industry Demonstration Partnership (Travel Budget)	00.RD	PGA-P290917	58
Total National Academies			21,37
U.S. Department of Agriculture			
A US-China Joint Program on Forestry Biomass Utilization for Sustainable Materials and Nanotechnologies	10.RD	2011-5116031205	20,43
A Comparative Approach to Identify Functional Amino Acid Response Elements of Genes Controlling Ovarian Function	10.RD	2014-6701621723	1,73
Model for Economics of Soil Health	10.RD	68-4639-13-0024	4,75
Participating Agreement Between USC-Geography and US-Forest Service	10.RD	12PA11081209007	12,56
Regional Models for Used in Understanding Maimaiga Outbreaks	10.RD	13CA11420004-15	18,87
Science of Soil Health Communication and Education The Effect of Aerobic and/or Intermittently Flooded Rice Cultivation on AQP Transcription Levels and the Nutritional	10.RD	68-7482-14-505	28
Quality of Rice Grain	10.RD	2012-6900219796	66,14
Video Documentary on the South Carolina Farm to Fork Revolution (SUPPLEMENT)	10.RD	68-4639-13-0015	5,68
Passed through programs from:			
Natural Resources Conservation Service			
Video Documentary on the South Carolina Farm to Fork Revolution	10.RD	68-4639-12-0017	40,51
Model for Economics of Soil Health Richland Soil and Water Conservation District	10.RD	68-4639-130024	3,73
Using CO2 Burst Tests to Measure on-farm Plant Available Nitrogen from Cover Cropped Soils in South Carolina	10.RD	69-4639-13-0020	6,12
Using CO2 Burst Tests to Measure on-farm Plant Available Nitrogen from Cover Cropped Soils in South Carolina	10.RD	69-4639-13-0020	1,76
School District Five of Lexington & Richland Counties			
Farm to School Grant Program	10.RD	SCH DISTRICT 5	2,98
University of South Carolina Research Foundation			
At the Root of Sustainable Bioenergy: Using Genetic Variation in Root Traits to Maximize Soil Carbon Sequestration and Biomass Yields	10.RD	5354-A	6,48
Atmospheric Emissions of Nitrous Oxide, Methane, Ammonia, and Particulate Matter for Subtropical Sugarcane Production	10.RD	53969	12,95
Olfactory Proteins as Targets for Manipulating Mosquiot Behavior	10.RD	58-1275-2-385	7,58
Distributed On-Farm Bioenergy, Biofuels and Biochemicals (FarmBio3) Development and Production via Integrated Catalytic			
Thermolysis	10.RD	59-1935-3-001	152,04
Before the Lunch Line: Behavioral Economic Interventions for Pre-Commitment and for Teacher Modeling	10.RD	62140-9881	2
How Can Communities and Households Protect Children for Very Low Food Security? Understanding the Relationships Among Child Food Insecurity, Diet Quality, and Physical Activity in Non-metropolitan	10.RD	304810783412327	75,98
versus Metropolitan Households	10.RD	01800032147013	14,40
Comparative Effectiveness of Group Prenatal Care on Women's Food Insecurity and Psychosocial Health	10.RD	018000.32147015	12,31
Mixing Height Calculation for Aerial Spray Dispersion	10.RD	12DG11420004221	10
Genomic and Breeding Foundations for Cellulosic Sorghum Bioenergy Hybrids	10.RD	201167009-30594	359,83
COPASCities: Childhood Obesity Prevention in SC Communities (Fast Food Mania: Researching and Writing about			
the Politics of Eating)	10.RD	2012-6900119615	2.45
Technical Assistance to City Roots for Conservation Innovation Grants Technical Assistance to City Roots for Conservation Innovation Grants	10.RD 10.RD	69-3A75-12-210 69-3A75-12-210	2,47 2,42
COPASCities: Childhood Obesity Prevention in SC Communities (Introduction to Information Literacy and Technology	10.RD 10.RD	2012-6900119615	2,42
COPASCities: Childhood Obesity Prevention in SC communities	10.RD	2012-6900119615	444,60
COPASCities: Childhood Obesity Prevention in SC Communities	10.RD	2012-6900119615	45,52

	Federal CFDA		
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditure
S. Department of Commerce			
EDA 2012 University Centers Grant : Innovista Center for Product Realization	11.RD	04-66-06677	6
EDA 2012 University Centers Grant : Innovista Center for Product Realization	11.RD	04-66-06677	124
Slacial Evolution of Northern Hemisphere Ice Sheets Using Radiogenic Isotopes from Newfoundland Ridge Sediment Cores	11.RD	T342A65	12,
ndicators and Indices of Drought in Southeastern Coastal Ecosystems	11.RD	NA130AR4310173	30
ndicators and Indices of Drought in Southeastern Coastal Ecosystems	11.RD	NA130AR4310173	38
ncreasing Tourism in 10 Economically Distressed Counties in South Carolina	11.RD	70NANB14H183	43
North Inlet - Winyah Bay National Estuarine Research Reserve	11.RD	NA13NOS4200081	483
Continuing Support of the NERR Centralized Data Management Office	11.RD	NA13NOS4200125	135
Summer Undergraduate Research Fellowship (SURF) Program Passed through programs from:	11.RD	70NANB14H183	2
Coastal Carolina University			
Consequences of Altered Temperature Regimes on the Reproduction, Survival, Growth, and Interactions of Two Key			
Estuarine Fauna	11.RD	31-2315-02	<u>c</u>
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	217
Developing a Low Impact Development Manual for Coastal South Carolina to Serve as Guidance for Improved			
Storm water Management	11.RD	13-013	122
Integrated Modeling for the Assessment of Ecological Impacts of Sea Level Rise	11.RD	16206031-5	84
Self Powered Wireless Sensor Network for Structural Bridge Health Prognosis	11.RD	70NANB9H9007	
OHHI 2008: Using Gene Expression Profiles of Estuarine Grass Shrimp (Palaemonetes Pugio)			
as Biosensors/Monitors of Coastal Ecosystem Health	11.RD	NA09NOS4730070	70
MERHAB 2009: Comparative Analysis of Quantitative Detection Methods for Enumeration of HAB Species:			
Applications for Resource Management	11.RD	NA10NOS4780141	155
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	42
North Inlet-Winyah Bay National Estuarine Research Reserve, Georgetown, S.X. Education and			
Training Center - Phase III - Exhibits	11.RD	NA06NOS4200041	49
North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD	NA11NOS4200116	
Continuing Support of the National Estuarine Research Reserve System Centralized Data Management Office	11.RD	NA11NOS4200149	18
Carolinas Integrated Sciences and Assessments	11.RD	NA11OAR4310148	65
Carolinas Integrated Sciences and Assessments MAREIN: Grav Triggorfich (Ralister Carolismus) Life History in the South Atlantic Bight: The Extensive Collection	11.RD	NA11OAR4310148	468
MARFIN: Gray Triggerfish (Balistes Capriscus) Life History in the South Atlantic Bight: The Extensive Collection	11 PD	NA11NME4220120	7
and Analysis of New Data for Age, Growth, and Reproduction and the Comparison with Data From 1992-1997 North Inlet-Winyah Bay National Estuarine Research Reserve	11.RD 11.RD	NA11NMF4330130 NA12NOS4200101	72
Continuing Support of the NERR Centralized Data Management Office	11.RD	NA12NOS4200101 NA12NOS4200117	195
Development of a Genetic Spawning Stock Diversity Index for Western Atlantic Bluefin Tuna	11.RD	NA12NMF4720061	28
Interoperability between ESMF and OpenMI: A Case Study	11.RD	1550204	53
South Carolina Sea Grant Consortium	11.110	1000201	5.
South Carolina Sea Grant Consortium	11.RD	M299	22
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	3
Assessing Aeration as a Means of Improving Storm water Pond Performance and Reducing Organic			
Loading to the Coastal Zone	11.RD	M379	13
Coastal Climate Extension Specialist Support	11.RD	M109A	
Assessing Aeration as a Means of Improving Storm water Pond Performance and Reducing Organic			
Loading to the Coastal Zone	11.RD	M479	50
Development of a Novel Genetic Approach to Rapidly Detect and Quantify Fish Eggs of Commercially Important			
Species: a New Tool for Fisheries Management	11.RD	M487	28
Hydrology and Pollutant Removal Performance in Detention Ponds Typical of the Lower Coastal Plain of South Carolina	11.RD	N152	18
Vibrio Parahaemolyticus Virulence and Its Magnification in the Eastern Oyster, Crassostrea Virginica	11.RD	N156	20
Clonal Aging and the Molecular Basis for Sudden Marsh Dieback	11.RD	N150	18
Development and Validation of a Novel Molecular Tool to Rapidly Detect and Quantify Harmful Algal Bloom			
(HAB) Species Linked with Fish Kills and Public Health	11.RD	N154	1:
University of New Hampshire			
Improving Management of Coastal Habitats: Testing a Tool to Assess the Vulnerability of Coastal Habitatss			
to Climate Change Impact	11.RD	14-020	66
Point Blue Conservation Science			
Improving Management Outcomes of Sea-Level Rise Modeling through Standardized Sampling a Key Model			
Input: Total Suspended Solids above Tidal Marshes	11.RD	POINT BLUE CON	12
Rutgers University			
Exploring Mechanisms for Linking Climate Change, Long-Term Laval Fish Abundance, and Water Quality		44.040/04045200	
Monitoring Data for Fisheries Management Decisions	11.RD	14-019/S1915368	48
Consortium for Ocean Leadership	11.00	T220465	
The Pacific Equatorial Age Transect: Expedition 320 of the Integrated Ocean Drilling Program	11.RD	T320A65	2
IODP Expedition 342: Newfoundland Sediment Drifts; Deciphering North Atlantic Climate Change Through the Cenozoic	11.RD	T342A65	25
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	14.00	1006 11/022/066	
and Tools (Data Management & Communications)	11.RD	IOOS.11(033)USC	2
Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring			
and Assessment Program to Support Decision-makers Needs for Coastal and Ocean Data	4	1000 11/0000	
and Products: SC HF Radar & Rip-Current Modeling Tasks	11.RD	100S.11(033)USC	2
Southeast Coastal Ocean Observing Regional Association (SECOORA): An Environmental Monitoring and Assessment	4	1000 44/0000	
Program to Support Decision-Makers Needs for Coastal and Ocean Data and Products - Water Quality Advisory Modeling	11.RD	IOOS.11(033)USC	82
Southoast Coastal Oscan Observing Regional Association (SECOODA): An Envire statistic distance of Association			
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 - USC HF Radar	11.RD	IOOS.11(033)USC	7

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
I.S. Department of Commerce, continued Supporting Coastal and Marine Spatial Planning in the South Atlantic through User Engagement, Comprehensive			
Data Management and Development of Spatial Decision Support Tools - Year 2	11.RD	SAA.12(188).USC	30,3
Southeast Coastal Ocean Observing Regional Association (SECOORA): A Framework for monitoring, Prediction			
and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools - USC HF Radar	11.RD	IOOS.11(033)USC	23,2
Southeast Coastal Ocean Observing Regional Association (SECOORA): Framework for monitoring, Prediction and Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools - Water Quality Modeling	11.RD	IOOS.11(033)USC	6,3
Southeast Coastal Ocean Observing Regions Association (SECOORA): Framework for Monitoring, Prediction and	11.00	1003.11(033)030	0,5
Assessment to Support Decision-Makers Needs for Coastal and Ocean Data and Tools -			
Data Management and Communications	11.RD	100.11(033)USC	185,6
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 -			
Data Management and Communications South Carolina Department of Natural Resources	11.RD	IOOS.11(033)USC	12,2
Collaborative Research to Prioritize the Runoff Volume Sensitivities of Tidal Headwaters	11.RD	SCDNR FY2014004	27,0
Total U.S. Department of Commerce			3,386,6
J.S. Department of Defense			
IPA for Hongmei Zhang with WJB Dorn VA Medical Center	12.RD	WJB DORN VA MED	13,9
IPA Agreement for K. GANDY	12.RD	WJB DORN VA MED	31,3
Assessment of Training Approaches for VA Staffing Methodology	12.RD	WJB DORN VA MED	
Accelerating Peripheral Nerve Regeneration through Spatial Signaling	12.RD	W81XWH-13-10308	95,4
Enhancing Apache CBM Through Tribological Investgation (CLIN 0001)	12.RD	W912QG-13-D0001	490,
Condition-Based Maintenance Program: Apache Aircraft Components Testing (CLIN 0002)	12.RD	W912QG-13-D0001	186,
Fort Jackson, South Carolina, Cultural Resources Program for the Cooperative Ecosystem Studies Unit	12.RD	W9126G-13-20028	64,
ESRDC - Designing and Powering the Future Fleet	12.RD	N00014-14-10165	199,
ESRDC - Designing and Powering the Future Fleet	12.RD	N00014-14-10165	9,
Spectral, Probabilistic, and Information-theoretic Analysis for Graphs and Hypergraphs	12.RD	N00014-13-10717	65,
Ultrasonic NDE/SHM Equipment for Advanced Materials and Structures	12.RD	FA2386-13-13014	167,
Number Theoretic Problems on Polynomials	12.RD	H98230-14-10123	8,
Passed through programs from: University of South Carolina Research Foundation			
Center One at Fort Jackson, Program Support	12.RD	W9124D-08-C0040	(5,
Robust and Principled Visual Intelligence	12.RD	4104-37298	24,
High Performance Computer Tool for Predictions of Fatigue Crack Growth and Stable Crack Extension in Aero-structures	12.RD	CORRELATED SOLU	61,
Optical Limiting Materials Based on Gold Nanoparticles	12.RD	FA9550-09-10246	114,
Highly Effective Compression and Evaluation of Geodetic Quantities	12.RD	HM01771210004	147,
PANTS and SERMON Meetings in the Southeast	12.RD	H98230-12-10294	(1,
STTR: Phase 2 Capacity Fade of Lithium Ion Cells	12.RD	HQ0147-13-C7167	142,
Development of High Quality 4H-SiC Thick Epitaxy for Reliable High Power Electronics Using Chlorinated Precursors	12.RD	N00014-10-10530	101,
Simulation Methods for Design of Networked Power Electronics and Information Systems	12.RD 12.RD	N00014-10-10625	206,
Shipboard Power Technology Assessment Block Copolymer Nanodielectrics-Towards High Energy Density Capacitors	12.RD	N00014-10-10806 N00014-11-10191	92, 38,
Predictive Modeling of Structural Sensing for Navy Applications	12.RD	N00014-11-10151	41
Block Copolymer Nanodielectrics-Towards High Energy Density Capacitors	12.RD	N00014-11-10191	12,
Characterization and Modeling of Solid State Power Substation (SSPS)	12.RD	N00014-12-10985	25,
Integrated Opto-Electronic Equipment for Autonomous Structural Health Monitoring Research	12.RD	N00014-12-10936	13
Development of Finite Element Modules for Modeling Strong Discontinuity-Based Cohesive Crack	12.RD	N00014-12-C0163	65,
Multiscale Extended Finite Element Method for Failure	12.RD	N00014-13-10386	100,
Emerging Science and Technology Research Relating to Information Dominance Applications	12.RD	N65236-10-D6839	18,
SPAWAR Economic Impact Analysis	12.RD	N65236-10-D6839	77,
Quantum Cutting Core-Shell Nanocrystals for Enhanced Solar Cell Efficiency AIGaN MQW Mid UV LEDs Over Sapphire and Bulk AIN	12.RD 12.RD	N66001-10-14031 NITEK/DARPA	(1, 3,
Power Electronics, Architecture, Controls, and Design Tools for Electric Ship Systems.	12.RD	R00908	1,172,
SBIR PHASE II: Efficient Manfacturing of Low Defect Density SIC Substrates Using a Novel Defect Capped	12.00	100500	-,-,-,
Planarization Assisted Growth (DC-PAG) Method	12.RD	SINMAT INC	7,
Synthetic Lectins: New Tools for Detection and Management of Prostate Cancer	12.RD	W81XWH-12-10280	216
PWAS EMIS-ECIS Active Carbon Filter Residual Life Estimation Methodology	12.RD	W911NF-11-10210	153,
Investigation of Microbe-based Proton Exchange Membranes (MPEMs) for Microbial Fuel Cells (MFCs)	12.RD	N00014-11-10873	88,
Testing of Eight Late Discoveries, U.S. Army Garrison, Fort Jackson, South Carolina	12.RD	W9126G-12-20023	28,
Underwater Explosive Detection with a Combined Tunable UV and 532nm Laser Excited Raman Sensors Ensemble-Based Modeling of Large Graphs and its Applications to Social Networks	12.RD 12.RD	MA120020	214,
Ensemble-Based Modeling of Large Graphs and its Applications to Social Networks Northern Indian Ocean Salt Transport (NIOST): Estimation of Fresh and Salt Water Transports in the	12.KU	ND-202016	103,
Indian Ocean Using Remote Sensing, Hydrographic Observations, and HYCOM Simulations	12.RD	N00014-12-10454	125,
Multiscale Model for Micromechanics-Based Prediction of Material Surface Behavior due to	12.000		123,
Extreme Hydrodynamic Loads	12.RD	N00014-11-10925	24
Investigation of Distributed versus Centralized Control of Power Electronic Converters in a Naval Test System	12.RD	N00014-11-10529	205,
USC Participation in the AUFOS NICOP Project with Australia	12.RD	N00014-12-10653	33,
Mechanisms of Enhanced Flow Boiling with High Frequency Self-Modulated Microbubble-Switched Oscillations	12.RD	N00014-12-10724	118,
Analysis Completion Funding Data Recovery at Two Sites on Fort Jackson, Richland County, South Carolina	12.RD	W9126G-11-20062	
Estonian Defense Community HIV/STI Education and Prevention Program	12.RD	N00244-11-10007	81,
Towards Water-Free Biologics Models and Self Calibrating Standoff Sensing Approach for Drive Train Prognostics	12.RD	3002059600	190,
Models and Self Calibrating Standoff Sensing Approach for Drive Train Prognostics Predictive Sensing for Space Applications	12.RD 12.RD	4204374274E FA9550-11-10133	98, 149,
Metallic Material Image Segmentation by Using 3D Grain Structure Consistency and Intra/Inter-Grain Model Information	12.RD 12.RD	FA9550-11-10133 FA9550-11-10327	149, 138,
Multiscale Mathematics for Nano-Particle-Endowed Active Membranes and Films	12.RD	FA9550-12-10178	108,
Polynomial Problems in Analytic Number Theory	12.RD	H98230-12-10240	14,

	Federal CFDA		
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditures
I.S. Department of Defense, continued Passed through programs from:			
University of South Carolina Research Foundation, continued			
High Power and Long Life SOFC Systems Powered by JP-8	12.RD	N66001-11-14140	32,3
Vitamin D and Related Genes, Race and Prostate Cancer Aggressiveness	12.RD	W81XWH-11-10568	134,0
Composite Engine Structures (Phase II)	12.RD	A711030012SC200	7,9
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	12-S2603-04-C01	27,0
Nano-Lubricant/Fluid for Improved Weapons Systems	12.RD	NEI CORP	88,4
South Carolina Adjutant General's Office			
Development of Website and Public Display Content and Layout for the SCARNG: Part 2 of the Armory Mitigation Project	12.RD	4100036633	1,0
"Faces of the Guard"- A Proposal to Research and Exhibit the Hirsch Panel	12.RD	4100047909	16,3
On-Site Graduate Assistant McCrady Training Facility, SCARNG Fall 13/Spring 14 South Carolina National Guard	12.RD	51780000	15,9
US Army Aviation and Missile Commands - Condition Based Maintenance Program:			
Tail-Rotor and Main-Rotor Swashplate Assembly Testing	12.RD	W912QG-08-D0001	220,2
US Army CBM: Advanced Sensing, Data Fusion and Improved Condition-Indicators (CLIN 0012)	12.RD	W912QG08D1001DU	98,6
Benedict College	12.00		50,0
Materials Development and Mechanism Exploration of Novel MC/BZY Proton Conductor for Low Temperature Solid Oxide Electrochemical Cells	12.RD	W911NF-10-R0006	;
Novel MC/BZY Proton Conductor: Materials Development, Device Evaluation, and Theoretical Exploration	12.00	W911W-10-K0000	
using Cl and DFT Methods	12.RD	20-88502	48,
Claflin University			
Design, Synthesis, and Study of New Metal-Organic Frameworks Built from Multifunctional Ligards	12.RD	W911NF-11-10225	37,
Medical University of South Carolina			
Junior Doctors of Health - DOD	12.RD	MUSC12-114	20,
Texas A & M University			
High Carrier Density, Fast Switching Microscale Plasma Devices Enabled by Exploitation of Plasma			
Instabilities and High Pressures	12.RD	W911NF-12-10007	140,
Fermilab	42.00	607746	
LBNE Research with Liquid Argon	12.RD	607746	146,
SMI, Inc SBIR (PHASE I) Infrared-Transparent Electromagnetic Shield Coatings	12.RD	41985	18,
Science Applications International Corporation	12.00	41565	10,
LC-MS-MS Analysis of Spore-Associated Proteins	12.RD	P010140213	15,
Universal Technology Corporation	12.00	1010110215	10,
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	13-S2604-04-C8	51,
Reconfigurable Pixel Based Conformal Load Bearing Antenna Structures (CLAS)	12.RD	14-S2605-04-CF5	3,
South Carolina Research Authority			
Exercise: A Novel Treatment for Combat PTSD	12.RD	W81XWH-08-20159	(4,
CDMRP TBI/PTSD Study Site	12.RD	2009-115	31,
Total U.S. Department of Defense			7,039,
S. Department of Housing and Urban Development			
Passed through programs from:			
Engenuity South Carolina	44.85		47,
Truite Product Testing	14.RD	ENGENUITY/HUD	47,
Total U.S. Department of Housing and Urban Development			
S. Department of Interior			
An Expansion of the Herpetofauna Inventory at Santee National Wildlife Refuge	15.RD	F13PX00841	2,
Benthic Boundary Layer Processes and Sediment Transport during Hurricane Sandy on Fire Island, NY	15.RD	G13AC00246	34,
Benthic Boundary Layer Processes and Bed Evolution during Hurricane Sandy on Fire Island, NY Passed through programs from:	15.RD	G14AC00074	7,
South Carolina Department of Archives and History			
Charleston Harbor Stone Fleets Survey	15.RD	SC DAH/NPS/DOI	9,
South Carolina Department of Natural Resources	15.110	50 57 11 11 57 501	5,
Identification of Refuge Areas for Genetically Pure Redye Bass Micropterus Coosaw in Savannah Basin Streams	15.RD	P24015405413	22,
South Carolina Coastal Plain Basement and Structural Features Mapping Project	15.RD	SCDNR/USGS	14,
South Carolina Research Foundation			
Synthesis of High and Low Marsh Habitat Mapping and Responses to Sea-Level Rise in the South Atlantic Region	15.RD	A130120-S002	33
Benthic Boundary Layer Sediment Transport in the Carolinas	15.RD	G03AC00007	
Preservation and Access: The Archaeology of Slave Life at Yaughan and Curriboo, SC	15.RD	ST-03-10-001010	66,
Sediment Trapping Program in the Gulf of Mexico	15.RD	G11PX01039	9,
	15.RD	P11AP60946-0001	
Ackia and Ogoula Tchetoka: Defininf Two 1736 Battlefields of the French-Chickasaw War, Tupelo Mississippi		P12AC11254	46,
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI	15.RD		
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI Assess the Distribution and Status of Champion Trees at Congaree National Park, CESU	15.RD	P12AC11171-0001	2,
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI Assess the Distribution and Status of Champion Trees at Congaree National Park, CESU Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at	15.RD		2,
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI Assess the Distribution and Status of Champion Trees at Congaree National Park, CESU Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD 15.RD	P10AC00530-0002	
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI Assess the Distribution and Status of Champion Trees at Congaree National Park, CESU Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD 15.RD 15.RD	P10AC00530-0002 P10AC00530-001	55,
Ecological Characterization of Bioluminescence in Mangrove Lagoon, Salt River Bay, St. Croix, USVI Assess the Distribution and Status of Champion Trees at Congaree National Park, CESU Climate Change-Induced Changes in Flow Regime, Floodplain Inundation and Species Habitats at Congaree National Park	15.RD 15.RD	P10AC00530-0002	

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
· · · · · · · · · · · · · · · · · · ·	number	Grant number	Expenditures
J.S. Department of Justice			
Passed through programs from: South Carolina Research Foundation			
Evaluation of Statistical Measures for Fiber Comparisons: Interlaboratory Studies and Forensic Databases	16.RD	2010-DN-BX-K220	6,09
Validation of Forensic Characterization and Chemical Identification of Dyes Extracted from Millimeter-length Fibers	16.RD	2010-DN-BX-K245	113,86
Evidence-Based Solutions to Reduce Law Enforcement Officer Vehicular Crashes	16.RD	2011-DJ-BX-3497	11,04
Multimode Imaging in the Thermal Infrared: Validation for Blood, Extension to Latent Prints	16.RD	2011-IJ-CX-K055	180,18
The Impact of Incarceration on Families: A Single-Jurisdiction Pilot Study Using Triangulated Administrative Date			
and Qualitative Interviews	16.RD	2012-IJ-CX-0034	138,22
Evidence-Based Solutions to Reduce Law Enforcement Officer Vehicular Crashes	16.RD	2012-DB-BXK002	150,43
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	30,29
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention,			
Investigations, and Treatment	16.RD	MUSC11-062	33,92
Internet Crimes Against Children: Development of a Typology of Offenders for Use in Prevention,			
Investigations, and Treatment	16.RD	MUSC12-060	3,59
Total U.S. Department of Justice			667,65
J.S. Department of Transportation			
Passed through programs from:			
South Carolina Department of Transportation			
Investigation of the Performance and Benefits of Deck Tee Bridge Girders for Accelerated Construction	20.RD	36Q100BR36020	117,81
A GIS-based Mitigation Forecasting Tool and Study on Advanced Mitigation Processes used by DOTs	20.RD	1584	(18,38
Calibration of the AASHTO Pavement Design Guide to South Carolina Conditions - Phase 1	20.RD	1597	87,07
A GIS-based Mitigation Forecasting Tool and Study on Advanced Mitigation Processes used by DOTs	20.RD	1633	21,55
Claremont Graduate University		247 244677 24	
Improving Emergency Medical Services with Information Technology: Field Test of Crash Help in Idaho	20.RD	217-2141575-01	15,68
Clemson University			
Support for the Development and Implementation of an Access Management Program through Research	20.00	4675222 2000400	0.54
and Analysis of Collision Data	20.RD	1675223-2009400	8,51
Integration of the Incident Command System (ICS) Protocol for Effective Coordination of Multi-Agency Responses	20.00	10222222000002	21.00
to Traffic Incidents Applying Successfully Proven Measures in Roadway Safety to Reduce Harmful Collisions in South Carolina	20.RD 20.RD	16322232008983 1698223-2009709	21,80 17,02
	20.60	1098223-2009709	
Total U.S. Department of Transportation			271,08
Library of Congress			
Passed through programs from:			
University of South Carolina Research Foundation			
Basic Film Preservation Grant: Frontier Post	42.RD	FED11-053	6,97
Total Library of Congress			6,97
National Aeronautics and Space Administration			
Determination of Available Water Capacity for the Mekong River Basin using model, satellite and ground observations	43.RD	NNX13AD18G	42.55
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program	43.RD	NNX14AG46A	15,91
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies	43.RD 43.RD	NNX14AG46A NNX14AG74G	15,91 19,48
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells	43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G	15,91 19,48 31,96
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement	43.RD 43.RD	NNX14AG46A NNX14AG74G	15,91 19,48 31,96
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from:	43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G	15,91 19,48 31,96
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston	43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA	15,91 19,48 31,96 143,68
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability	43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G	15,91 19,48 31,96 143,68
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's	43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC	15,91 19,48 31,96 143,68 173,56
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions	43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA	15,91 19,48 31,96 143,68 173,56
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO	15,91 19,44 31,96 143,68 173,56 10,61
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO	15,91 19,48 31,96 143,68 173,56 10,61 240,07
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORRITTER	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Appil Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO USCEPSCORITTER 20-SG-USC-BULUS	15,91 19,48 31,96 143,68 173,56 10,61 240,07 2,35 90
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Agid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORRITTER	15,91 19,48 31,96 143,68 173,56 10,61 240,07 2,35 90
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO S20880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-CHEN	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Agipl Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSCKIDAND R	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,81
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,81
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSCKIDAND R	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,83 6,65
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rajid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORHTTER 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSCKIDAND R 21-NE-USC YURGP	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,83 6,65
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORHTTER 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSCKIDAND R 21-NE-USC YURGP	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,81 6,65 7,14
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Le Propulsion Laboratory	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC YURGP 21SG7SC SMITHER	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,81 6,65 7,14
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of High Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Let Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC YURGP 21SG7SC SMITHER	15,91 19,44 31,96 143,68 173,56 240,07 2,35 90 8,38 8,78 20,83 6,65 7,12 1,41
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Pased through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developming Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance Clifornia Institute of Technology te Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundation	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NXX14AB26G NASA 521000-USC 520880CHENEPSCO USCEPSCORFITTER 20-SG-USC-CHEN 21NEUSCANGELRG 21NEUSCANGELRG 21NEUSCKIDAND R 21-NE-USC YURGP 21SG7SC SMITHER	15,91 19,44 31,96 143,66 10,61 240,07 2,33 90 8,36 8,77 20,81 6,66 7,12 1,41
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Le Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Researc Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO S20880CHENEPSCO USCEPSCORNITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC XIDAND R 21-NE-USC YURGP 21SG7SC SMITHER 1456904 1349008	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 95 8,38 8,78 20,83 6,65 7,12 1,41 156,95
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology 14 Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators	43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC KIDAND R 21-NE-USC YURGP 21SG7SC SMITHER 1456904 1349008 NCC-9-58-374	15,9: 19,44 31,94 143,64 173,56 240,0: 2,33 94 20,8: 6,65 7,12 1,4: 156,99 9,1:
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Pased through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rajid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developming Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Le Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators ICESCAPES 2011-2014	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AG74G NASA 521000-USC 520880CHENEPSCO USCEPSCORHTTER 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSCKIDAND R 21-NE-USC YURGP 21SG7SC SMITHER 1456904 1349008 NCC-9-58-374 NNX11AF65G	15,9: 19,44 31,90 143,64 173,50 240,07 2,33 90 8,36 8,77 20,8: 6,66 7,14 1,4: 156,9! 9,11 138,32
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Pased through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology te Propulsion Laboratory Interstellar Dust in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems Sout Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators ICESCAPES 2011-2014 Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AG74G NASA 521000-USC 520880CHENEPSCO S20880CHENEPSCO USCEPSCORHTTER 20-SG-USC-CHEN 21NEUSCANGELRG 21NEUSCANGELRG 21NEUSCKIDAND R 21-NE-USC YURGP 21SG7SC SMITHER 1456904 1349008 NCC-9-58-374 NNX11AF65G NNX12AP75G	15,9: 19,44 31,90 143,63 173,50 240,00 2,3: 99 8,33 8,77 20,83 6,66 7,11 1,4: 156,9! 9,11: 138,33 287,66
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Let Propulsion Laboratory Start Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators ICESCAPES 2011-2014 Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature Physiological Impacts of Climate Change Using Remote Sensing	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO S20880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSCKIDAND R 21NEUSCKIDAND R 21NEUSCKIDAND R 21SG7SC SMITHER 1456904 1349008 NCC-9-S8-374 NNX11AF65G NNX12AP75G NNX12AP75G	15,9: 19,44 31,90 143,68 173,56 240,00 2,33 9(8,38 8,76 20,8: 7,14 1,4: 156,9: 9,11 138,33 287,66 101,83
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Pased through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology te Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems Sout Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Splizer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators ICESCAPES 2011-2014 Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC XIDAND R 21-NE-USC YURGP 21SG7SC SMITHER 1456904 1349008 NCC-9-58-374 NNX11AF55G NNX11AP77G NNX11AP77G	15,91 19,44 31,96 143,66 173,56 240,07 2,35 9,0 8,35 8,76 7,14 1,41 156,95 9,11 138,32 287,66 101,87 47,00
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Pased through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Jet Propulsion Laboratory Star Formation and Molecular Gas in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators ICESCAPES 2011-2014 Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AG74G NX14AB26G NASA 521000-USC 520880CHENEPSCO USCEPSCORHTTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC SMITHER 1456904 1349008 NCC-9-S8-374 NNX11AF65G NNX12AF75G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G	15,91 19,44 31,96 143,66 173,56 10,61 240,07 2,33 90 8,36 8,77 20,81 6,66 7,12 1,41 156,95 9,11 138,32 287,66 101,83 47,00 121,35
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Let Propulsion Laboratory Interstellar Dust in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundation Interstellar Dust in Distant Galaxies: A Spitzer Study of Dusty Damped Lyman-alpha Absorbers Development of Pressure Swing Adsorption Technology for Spaceflight Medical Oxygen Concentrators ICESCAFES 2011-2014 Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AB26G NASA 521000-USC 520880CHENEPSCO 520880CHENEPSCO USCEPSCORRITTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC KIDAND R 21-NE-USC YURGP 21SG7SC SMITHER 1456904 1349008 NCC-9-58-374 NNX11AF55G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX12AR56G NNX13AM60G	15,91 19,44 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,81 6,65 7,14 1,41 156,95 9,11 138,32 287,66 101,87 47,00 121,33 6,48
Mathematical Modeling and Simulation of Spacebased Droplet Combustion - Scientific Support to the FLEX1 and FLEX2 Program Connecting the Interstellar Gas and Dust Properties of Distant Glaxies Oxygen Recovery via Carbon Dioxide Electrolysis with Microtubular Solid Oxide Cells Debra Wallace Assignment Agreement Passed through programs from: College of Charleston Design, Manufacture, Evaluation, and Multi-physical Modeling of Aerospace Composite Materials for Enhanced Reliability Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to Support NASA's Planetary Exploration Missions Development of High Power Density Regenerative Bi-electrode Supported Solid Oxide Cells to support NASA's Planetary Exploration Missions Development of Rapid Cycle Pressure Swing Adsorption Oxygen Oncentrators for Extraterrestrial Applications USC-SC Space Grant Consortium Award Advanced Solid Oxide Cell Technology to Support NASA Planetary Exploration Missions A Miniature, High-Resolution, Stationary Grating Spatial Heteroldyne UV Raman Spectrometer for Planetary and Space Applications Developing Tunable and Lightweight Material Systems Using Woodpile Phononic Crystals A Hybrid PZT-Laser Vibrometer Ultrasonic SHM/NDE Methodology Effects of NASA's Stem Program on Middle School Students' Academic Performance California Institute of Technology Let Propulsion Laboratory Interstellar Dust in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems South Carolina Research Foundatio Interstellar Dust in Distant Galaxies: SPIRE Spectroscopy of Quasar Absorption Systems ICESCAPES 2011-2014 Downscaling of Passive Microwave Soil Moisture Using Vegetation and Surface Temperature Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing Physiological Impacts of Climate Change Using Remote Sensing	43.RD 43.RD	NNX14AG46A NNX14AG74G NNX14AG74G NX14AB26G NASA 521000-USC 520880CHENEPSCO USCEPSCORHTTER 20-SG-USC-BULUS 20-SG-USC-CHEN 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC ANGELRG 21NEUSC SMITHER 1456904 1349008 NCC-9-S8-374 NNX11AF65G NNX12AF75G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G NNX11AP77G	12,55 15,91 19,48 31,96 143,68 173,56 10,61 240,07 2,35 90 8,38 8,78 20,81 6,65 7,14 1,41 156,95 9,11 138,32 287,66 101,87 47,00 121,39 6,48 1,500

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
	hamber		Expenditures
National Aeronautics and Space Administration, continued Passed through programs from:			
South Carolina Research Foundation, continued			
Rings of Fire: A Spitzer IRAC Study of Polar Ring Galaxies NASA EPSCoR 2010: Fundamental and Applied Studies in Friction Based Consolidation and Extrusion	43.RD	1438611/710076	4,724
of Finely Divided Metals	45.RD	520879-USC	201,760
Sub-Damped Lyman-alpha Absorbers at z < 0.6: An Unexplored Terrain In the Quest for Cosmic Metals	43.RD	HST-GO-1253601A	40,227
South Carolina Space Grant Consortium Novel Nanostructure Materials for Sensing Applications	43.RD	520589	3,433
The Role of Microgravity in Regulation of Stem Cell Osteogenic Response in An Inflammatory Microenvironment	43.RD	SC SPACE GRT CO	4,012
Novel Nanostructured Materials for Sensing Applications	43.RD	SC SPACE GRT	10,000
West Liberty University Research Corporation			
The Use Genetically Modified Francisella Tularensis LVS as a Novel Live Vaccine Platform	43.RD	WEST LIBERTY UN	3,496
Total National Aeronautics and Space Administration			1,881,669
Institute of Museum and Library Services			
Trees and Tweets: Mining Billions to Understand Human Migration and Dialect Variation	45.RD	LG-00-14-003014	38,923
Passed through programs from:			
Richland County Public Library Richland County Library Project Summer Stride	45.RD	RCPL	15,000
Here Comes Kindergarten Gonzales Gardens Evaluation	45.RD	877 AND 545	16,000
South Carolina Research Foundation			
Development and Validation of Infrared Spectroscopy as a Rapid, Non-destructive Tool for Determining the Degradation			
State and Magnetic Tape	45.RD	LG-06-12-056912	106,11
McKissick Museum: Natural Science Collections Inventory & Cataloging Project	45.RD	MA-05-11-031911	15,84
Historic Mineral & Fossil Collections Revisited	45.RD	MA-30-13-059813	45,340
Total Institute of Museum and Library Services			237,229
National Endowment for the Humanities			
Diverse Voices - Discovering Community Through Traditional Arts	45.RD	13-5500-7010	21,624
The Revolutionary Era Pinckney Statesmen of South Carolina: a Digital Documentary Edition Passed through programs from:	45.RD	RQ5074813	44,244
South Carolina Research Foundation			
Community Voices: A Survey of SC Tradition Bearers	45.RD	12-5500-7048	12,33
Making the Digital Humanities More Open: NEH Start Up, Level 2	45.RD	HD-51556-12	15,36
An Open Source Application for Image-Based Digital Reproduction of Optical Film Sound (Summary)	45.RD	PR-50122.11	5,76
PARAGON: Intelligent Digital Collation and Difference Detection	45.RD	HK-50032-12	77,80
PARAGON: Intelligent Digital Collation and Difference Detection	45.RD	HK-50032-12	33,394
Total National Endowment for the Humanities			210,534
National Science Foundation			
GRDS: CAREER InN Nanowire Based Multifunctional Nanocantilever Sensors	47.RD	0846898	2,315
NSE Graduate Fellowshin (Renjamin Toscano)	47 RD		
NSF Graduate Fellowship (Benjamin Toscano) NSF Graduate Fellowship (Jennifer Fill)	47.RD 47.RD	0929297 0929297	
NSF Graduate Fellowship (Benjamin Toscano) NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson)			3,28
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats)	47.RD 47.RD 47.RD	0929297 0929297 0929297	3,28 35,99 44,00
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data	47.RD 47.RD 47.RD 47.RD	0929297 0929297 0929297 1006222	3,28 35,99 44,00 7,71
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin	47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 0929297 1006222 1154735	3,28 35,99 44,00 7,71 22,03
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data	47.RD 47.RD 47.RD 47.RD	0929297 0929297 0929297 1006222	3,28 35,99 44,00 7,71 22,03 506,16
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 0929297 1006222 1154735 1205782	3,28 35,99 44,00 7,71 22,03 506,16
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (Chase Nelson) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231	3,28 35,99 44,000 7,71 22,03 506,16 99,88 43,15 102,49
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250052 1250641 1253231 1253614	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Test Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: MetGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253614 125352	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250052 1250641 1253231 1253614	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Meleval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates:	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253614 1254352 1260134	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Test Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: NPUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanism of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253614 1253251 1260134 1261682 1264706	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: NUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253614 1254352 1260134 1261682 1264706 1265881	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,011 28,12 82,97 41,54
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253211 1253614 1254352 1260134 1261682 1264706 1265881 1266043	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,011 28,12 82,97 41,54 38,90
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: NetGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250641 1253231 1253644 1254352 1260134 1261682 1264706 1265881 1266043 1300227	3,28 35,99 44,000 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,900 151,33
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Nettal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Nettal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Nucertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors	47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253211 1253614 1254352 1260134 1261682 1264706 1265881 1266043	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,00 151,33 97,46
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Test Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Polutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: NRUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-Supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253614 125352 1260134 1261682 1264706 1265881 1266043 1300227 1300547	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,90 151,33 97,46 1
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures With Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253614 1253231 1253614 1254352 1260134 1261682 1264706 1265881 1266043 1300227 1300547 1301757 1301757 1301757	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,90 151,33 97,46 1 64,83 6,30
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures of a Historic Emerging Disease CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Disolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: E	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250052 1250641 1253231 1253614 1254352 1260134 1261682 1266430 1265881 1266043 1300227 1301757 1301757 1301757 1301757	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,90 151,33 97,46 11 64,83 6,30 11,80
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Nucertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplanton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: The Meaning of Place Recovery on the Mississippi coast Self-assembled Organic Nanotubes from Cyclic Ureas	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 125321 1253614 1254352 1260134 1261682 1266043 1300227 1300547 1301757 1301757 1301757 1301757	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,90 151,33 97,46 1 1 64,83 6,30 11,80 86,76
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: NetGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: NUCC-thylogenetic Reconstructions with Unequal Gene Contents CAREER: Nucertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Disolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250052 1250641 1253231 125314 125352 1260134 1261682 1264706 1265881 1266043 1300227 1300547 1301757 1301757 1301757 1301757 1301822 1301830 1305136 1305948	3,28 35,99 44,00 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,90 151,33 97,46 1,53 6,30 11,80 86,76 1,56
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Nucertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, A	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 125321 1253614 1254352 1260134 1261682 1266043 1300227 1300547 1301757 1301757 1301757 1301757	3,28 35,99 44,000 7,71 22,03 556,16 99,88 43,15; 102,49 103,04 5,04 99,01; 28,12; 82,97; 41,54; 38,900 151,33; 97,46 11 64,83; 6,300 11,800 86,76; 1,56; 233,20;
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Disolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Cortoral Dissertation Research: Energies, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: The Meaning of Place Rec	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253644 1254352 1260134 1261682 1264706 1265881 1266043 1300227 1300547 1301757 1301757 1301757 1301757 1301822 1301830 1305136 1305136	3,28 35,99 44,000 7,71 22,03 556,16 99,88 43,15; 102,49 103,04 5,04 99,01; 28,12; 82,97; 41,54; 38,900 151,33; 97,46 11 64,83; 6,300 11,800 86,76; 1,56; 233,20;
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: The Meaning of Place Recovery on the Mississippi coast Self-assembled Organic Nanotubes from Cyclic Ureas Summer Research Conference in Statistics and Biostatistics Participation in the Con	47.RD 47.RD	0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253231 1253644 1254352 1260134 1261682 1264706 1265881 1266043 1300227 1300547 1301757 1301757 1301757 1301757 1301822 1301830 1305136 1305136	3,28 35,99 44,000 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,900 151,33 97,46 11 64,83 6,300 11,800 86,76 1,560 233,20 95,53
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Incertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Disolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-suported Bimetallic Clusters Extremal and Probabilistic Combinatories with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Octoral Dissertation Research: The Meaning of Place Recovery on the Mississippi coast Self-assembled Organic Nanotubes from Cyclic Ureas Summer Research Conference in Statistics and Biostatistics Participation in the Construction and Operation of Place Recovery on the Mississippi coast Self-assembled Organic Nanotubes from Cyclic Ure	47.RD 47.RD	0929297 0929297 0929297 1006222 1154735 1205782 1250052 1250052 1253614 125321 1260134 1261682 1266043 1300227 1301757	3,28 35,99 44,000 7,71 22,033 506,16 99,88 43,155 102,49 103,04 5,04 99,011 28,12 82,97? 41,54' 38,900 1151,33 97,46 11 64,833 6,300 118,80 86,76° 1,56° 233,20 95,53 40,06°
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Nucertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: The Meaning of Place Recovery on the Mississippi coast Self-assembled Organic Nanotubes from Cyclic Ureas Summer Research Conference in Statistics and Biostatistics Participation in the Construction and Operation of Hac Recovery on the Mississippi coast Self-assembled Organic Nanotubes from Cyclic Ureas Summer Research Conference in Statistics and Biostatistics Par	47.RD 47.RD	0929297 0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253311 1253614 1254352 1260134 1261682 1266043 1300227 1300547 1301757	3,28 35,99 44,000 7,71 22,03 506,16 99,88 43,15 102,49 103,04 5,04 99,01 28,12 82,97 41,54 38,90 151,33 97,46 11 64,83 6,300 11,80 86,76 1,56 233,200 95,53 40,06
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (Chase Nelson) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: Metal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: MuscPhylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanism of Superior Oxygen Reduction Kinetics Promted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Shelte	47.RD 47.RD	0929297 0929297 0929297 1006222 1154735 1205782 1250052 1250052 1250641 1253231 125314 1253231 125314 1254352 1260134 1261682 1264706 1265881 1266043 1300227 1300547 1301757 1301757 1301757 1301757 1301822 1301830 1305186 1305948 1307204 1307319 1308211 1308801 1308801 1308948	3,28 35,99 44,000 7,71: 22,03: 506,16: 99,88: 102,49: 103,04: 5,04: 99,01: 28,12: 82,977 41,543 38,900 151,333 97,46: 14,543 38,900 151,333 97,46: 159,364 233,200 95,53: 40,06: 159,866 33,000
NSF Graduate Fellowship (Jennifer Fill) NSF Graduate Fellowship (David Lee Coats) Informative Model Specification Tests Using Coarsened Data Collaborative Research: Laser Induced Breaddown Spectroscopy System for Alvin The Study of Nuclear Physics with Intermediate Energy Probes IGERT: Functional Nanomaterials for Sustainable Energy Solutions The Internal Structure of Deposits Emplaced Under Upper Plane Bed/Sheet Flow Transport Conditions: Laboratory Experiments and Numerical Modeling CAREER: Netal-Semiconductor Hybrid Core-Shell Heteronanostructures with Geometrically Tunable Optical Properties CAREER: PRUGC-Phylogenetic Reconstructions with Unequal Gene Contents CAREER: Uncertainty Quantification in the Rational Design of Bifunctional Catalysts Assimilation Rates of Dissolved Organic Carbon by Photomixotrophic Estuarine Phytoplankton The Medieval Black Death: Analysis of the Demographic, Health and Social Consequences of a Historic Emerging Disease Unraveling the Mechanisms of Superior Oxygen Reduction Reaction Kinetics Promoted by Molten Carbonates: Implications for Low Temperature Solid Oxide Fuel Cells Collaborative Research: Wavelet Analysis of Periodic Error for Improved Displacement Metrology Friction Extrusion Process and Equipment Development for Production of High Value Materials From Low-Cost Precursors Understanding the Chemical Activity of Oxide-supported Bimetallic Clusters Extremal and Probabilistic Combinatorics with Applications REU Supplement: Crystal Growth of Complex Luminescent Oxides Crystal Growth of Complex Luminescent Oxides Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering Strategies of Mobile Home Residents Doctoral Dissertation Research: Beliefs, Attitudes, and Intended Tornado Sheltering S	47.RD 47.RD	0929297 0929297 0929297 1006222 1154735 1205782 1250052 1250641 1253311 1253614 1254352 1260134 1261682 1266043 1300227 1300547 1301757	39,881 3,287 35,995 44,000 7,711 22,033 506,167 99,882 43,152 102,491 103,041 5,041 99,012 28,129 82,979 41,544 38,906 151,338 97,461 16 64,830 6,309 11,800 86,765 1,569 233,202 95,537 40,061 159,866 33,006 98,967 11,480

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditure
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditure
lational Science Foundation, continued			
Fluid and Chemical Fluxes Across the Seafloor of a Passive Margin	47.RD	1316250	48,
Scientific Advocate Network (SAN) - SC EPSCoR/IDeA 12-103 (Increasing Access to and Expertise in Computational Chemistry)	47.RD	1317771	5,
Grants for Exploratory Academic Research (GEAR) - Mechanical Characterization and Constitutive Modeling of BVCs	47.RD	1317771 1317771	18,
Grants for Exploratory Academic Research (GEAR) - Mechanical and Histological Characterization of Native Vasculature NSF EPSCoR Research Infrastructure Improvement (RII) Track 1	47.RD 47.RD	1317771	136,
In Silico Analysis of Multicellular Aggregate Fusion Using Field and Agent-Mased Models	47.RD	1317771	130,
NSF EPSCoR Research Infrastructure Improvement (RII)	47.RD	1317771	1,065,
SAN: Development of Robust Protocols for the Amplification of Microsatellite Loci in Marine Invertebrates	47.RD	1317771	2,003,
Multiscale Computational Methods with Applications in Materials Science and Tissue Engineering	47.RD	1318866	24
Collaborative Research: Sea-Level Rise and Salt-Marsh Response: a Paleo Perspective	47.RD	1322859	16
EAGER/Collaborative Research: Overcoming Barriers to Diffusion and Adoption of Sustainable and Resilient Building			
Materials in Coastal Areas of Southern Mexico	47.RD	1321489	78
VOSS Collaborative Research: I Want you to Know Who I Am: Identity Communication and Verification in Virtual Teams	47.RD	1322001	14
CPS: Synergy: Collaborative Research: Engineering Safety-Critical Cyber-Physical-Human Systems	47.RD	1329870	45
FG 2013 Doctoral Consortium Proposal for Travel Support for Graduate Students	47.RD	1331619	
Doctoral Dissertation Research: A Theory of Reward Stability and Group Cooperation	47.RD	1332428	3
Collaborative Research: Measuring Social VulnerabilityReducing Uncertainty and Validating Indicators	47.RD	1333243	21
Collaborative Research: Experimental Constraints on Marine Fe Isotope Effects: Biology, Ligands, and Particles	47.RD	1334029	78
Nan tips Induced Boundary Layer to Enhance Flow Boiling in Micro channels	47.RD	1336443	54
EAGER: Exploring a New Bi-ionic Transport Mechanism in Dual-Phase Electrochemical CO2 Separstion Membranes	47.RD	1340269	64
Effect of Microstructure and Interface Layer on the Fracture and Thermal Behavior of Nanocomposites	47.RD	1342379	69
Commutative Algebra and Algebraic Geometry in the Southeast	47.RD	1343512	14
Allocation, Life History and Senescence: An Integrated Approach	47.RD	1343671	55
NUE: Nanotechnology LINK: An Integrated Approach for Nanotechnology Education: End-of-Life Management of		4242755	
Nanomaterial-containing Wastes	47.RD	1343756	37
Collaborative Research: PGE and Pb Systematics in Altered Abyssal Peridotites: Integrating Experiments			
with Natural Samples	47.RD	1347890	8
EAGER: Novel Photoacoustic Sensor using Piezoresistive GaN Microcantilever	47.RD	1348166	4
Leveraging Workshop: Catalyzing University-Industry Engagement to Promote the Nation's Competitiveness	47.RD	1353946	30
Regulation of Floral Growth and Patterning in Arabidopsis	47.RD	1354452	8
I-Corps: Measuring Parallel Permeation of Gases through Barrier Packaging Materials	47.RD	1356047	49
-Corps: Biomimetic Degradable Load Bearing Osteoconductive Bone Graft	47.RD	1357109	48
EPRI: On-demand Sweating-Boosted Air Cooled Heat-Pipe Condensers for Green Power Plants	47.RD	1357920	25
REU Site: Cradie to the Grave - CO2 Opportunities and Challenges	47.RD	1358931	88
Collaborative Research Planning Grant: I/UCRC for the Center for Rational Catalyst Synthesis	47.RD	1361943	-
Software for Emergency Preparedness for Dam or Levee Failure	47.RD	1400850	25
EAGER: Place Attachment and Collective Action: The Changing Landscape of Urban Neighborhoods	47.RD	1402515	16
EAGER: Direct Storage of Solar Energy as Electricity	47.RD 47.RD	1408751	37
Workshop on Combinatorial Approaches to Functional Materials	47.RD	1418725 1421059	3
SHF: Small: Collaborative Research: The Sutomata Programming Paradigm for For Genomic Analysis Workshop on Combinatorial Approaches to Functional Materials	47.RD	1439054	1 36
Passed through programs from:	47.00	1455054	50
Georgia Institute of Technology			
BPC-A: Expanding Computing Education Pathways (ECEP) Alliance	47.RD	RD199-G1	12
Ohio University			
Power-Efficient Reconfigurable Wireless Network-on-Chip (NoC) Interconnects for Future Many-core Architectures	47.RD	UT17212	45
South Carolina State University			
SCAMP Phase III: Enhancing Opportunities to Transition Students into Successful STEM Pathways	47.RD	13581099scampus	63
South Carolina Emergency Management Division			
Doctoral Dissertation Research: The Impact of Paper Versus Digital Map Technology on Students' Spatial Thinking Skill			
Acquisition	47.RD	1201873	1
South Carolina EPSCoR			
Computational Science at th University of South Carolina Beaufort	47.RD	1317771	58
A Multifunctional Far-Field Nanoscopic System for Biofabrication	47.RD	1317771	(3
Scientific Advocate Network (SAN): Underrepresented Minority Participation in Mathematics Project	47.RD	1317771	4
South Carolina Department of Transportation			
REU Supplement: Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene	47.RD	1029346	14
South Carolina Research Authority			
EPSCoR RII Cyber Connectivity Proposal (RII C2)	47.RD	20030194/TO0096	25
South Carolina Research Foundation			
Plum Island Ecosystems LTER	47.RD	40618/1058747	1
CUORE: Phase 1 Construction and Crystal Bolometer Research and Development	47.RD	0605119	279
Synthesis of Funcional Composite Nanofibers Templated by 1D Self-assembly of Tobacco Mosaic Virus	47.RD	0706431	10
PIRE: Modeling of Flood Hazards and Geomorphic Impacts of Levee Breach and Dam Failure	47.RD	0730246	238
CAREER: Diagnostics and Prognostics of Electric Cables in Aging Power Infrastructure	47.RD	0747681	
CAREER: Development of Hierarchical Plant Virus Assemblies for Probing Cell-Matrix Interactions	47.RD	0748690	15
CAREER: Extracting and Understanding Complex Patterns in Spatial Interactions - A Computational - Visual Framework	47.RD	0748813	69
Collaborative Research: The Cariaco Basin Oceanographic Time Series Program	47.RD	0752037	161
Mechanistic and Structural Studies of Novel Heme-Containing Enzymes	47.RD	0820456	
Mechanistic and Structual Studies of Novel Heme-Containing Enzymes	47.RD	0820456	10
The Neural Basis of Processing Discourse Reference	47.RD	0822617	17
Collaborative Research (ETBC): Climate Warming and Northern Peatland Decomposition, Accumulation			
and Carbon Sequestration Examined Through Molecular and Paleohydrological Analysis	47.RD	0843417	24
CAREER: Design Automation for High-Performance Reconfigurable Computing	47.RD	0844951	57
REU Supplement: CAREER: Design Automation for High-Performance Reconfigurable Computing	47.RD	0844951	٤
CAREER: Computational Analysis and Prediction of Genome-wide Protein Targeting Signals and Localizations	47.RD	0845381	113
		0045071	70
CAREER: THAWS-Towards Highly Available Wireless Services CAREER: THAWS-Towards Highly Available Wireless Services (REU Supplement)	47.RD 47.RD	0845671 0845671	73 6

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
reactar grantor/pass-through grantor/program the	number	Grant number	Experiatores
ional Science Foundation, continued			
assed through programs from: South Carolina Research Foundation, continued			
CAREER: Integrated Modeling for Watershed Management	47.RD	0846244	21,7
CAREER: Cooperative Human-Computer Model Updating Cognitive Systems (MUCogS)	47.RD	0846258	83,8
CAREER: INN Nanowire Based Multifunctional Nano cantilever Sensors	47.RD	0846898	88,4
REU-CAREER: InN nanowire based multifunctional nanocantilever sensors	47.RD	0846898	2
RET: CAREER: InN nanowire based multifuntional nanocantilever sensors	47.RD	0846898	1,2
GRS: CAREER: InN nanowire based multifunctional nanocantilever sensors	47.RD	0846898	8,7
CAREER: Spin-Polarized Currents in Nanostructures	47.RD	0847159	50,0
Collaborative Research: Volcanic Eruptions on the Galapagos Spreading Center: Effect of Variable Magma Supply on Eruption			
and Magna Chamber Processes on Mid-Ocean Ridges	47.RD	0849711	
CUORE and MAJORANA: Next Generation Neutrino-Less Double-Beta Experiments	47.RD	0855314	2,
The Study of Nuclear Physics with Intermediate Energy Probes	47.RD	0856010	5,:
Collaborative Research: Center for Fuel Cells: a Multi-University I/UCRC	47.RD	0856055	15,
Harmonic Maass Forms	47.RD	0901068	6,
Collaborative Research: Understanding Whole-genome Evolution through Petascale Simulation	47.RD	0904179	5,
Damped and Sub-damped Lyman-Alpha Absorbers: What Are They,	47.80	0008800	21,9
and What Do They Tell Us About Galaxy Evolution A Molecular Balance for Studying the Non-Covalent Interactions of Aromatic Surfaces	47.RD 47.RD	0908890 0911616	35,0
A Molecular Balance for Studying the Non-Covalent Interactions of Aromatic Surfaces AF: Small: Computational Complexity from Physical Constraints	47.RD 47.RD	0915948	35,
TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic	47.RD	0916857	14,
REU Supplement- TC: Small: Dynamic Early Filtering of Botnet Garbage Traffic	47.RD	0916857	
NeTS: Small: Collaborative: Transmission Re-Ordering in Wireless Networks: Protocols and Practice	47.RD	0917020	
Collaborative Research: Integrating Iron Uptake and Distribution in Plants	47.RD	0919739	30,
Regulation of Meristem Function by AlL Proteins	47.RD	0922367	51,
Exact Modeling of Power and Energy Transduction for Optimum Design of Structurally-Integrated Thin-Film Active Sensors	47.RD	0925466	74,
Novel Experimental and Theoretical Approaches to Understand Biomechanics of Atherosclerotic Plaque Rupture	47.RD	0926301	(3,
Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystem across a Cascade of Scales	47.RD	0926581	
Environmental Signal Analysis: Monitoring the Impacts of Climate Change on Rocky Intertidal Ecosystems	47.KD	0920381	
across a Cascade of Scales	47.RD	0926581	81,
Research Experiences for Unergraduates and Research Experiences for Teachers-Supplement of OCE 0926581	47.RD	0926581	01,
Collaborative Research: US GEOTRACES North Atlantic Section - Nd Isotope Distribution: Sources, Sinks and Internal Cycling	47.RD	0926981	
Linking Infaunal Hydraulic Activities, Porewater Flow and Biogeochemical Processes in Marine Sediments	47.RD	0928002	
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate	47.KD	0928002	(
and Effects in the Aquatic Environment	47.RD	0933484	23,
Influence of Diameter and Chirality of Single-walled Carbon Nanotubes on Their Fate	47.10	000000	23,
and Effects in the Aquatic Environment	47.RD	0933484	1,
Collaborative Renewal Proposal: NSF Center for Friction Stir Processing I/UCRC (REU Supplement)	47.RD	0934319	-,
Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems	47.RD	0934378	3
Collaborative Research: I/UCRC for Grid-Connected Advanced Power Electronic Systems (REU Supplement)	47.RD	0934378	2
CMG Collaborative Research - Geological Storage of Carbon Dioxide (CO2): New Simulation Approaches			
for Large-scale Modeling and Leakage Estimation	47.RD	0934747	36
CAREER: Algorithms for Minimalist Robot Teams	47.RD	0953503	93
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and			
Imaging Multivariate Optical Computing (IMOC)	47.RD	0958831	
Sensors for Characterization of Phytoplankton Size and Taxonomic Composition Using Spectral Fluorescence Signatures and			
Imaging Multivariate Optical Computing (IMOC)	47.RD	0958831	109
QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing	47.RD	0959427	17,
QuasiNovo: An Information Theoretic Approach to De Novo Peptide Sequencing	47.RD	0959427	12,
Development of High Performance Cathode for Intermediate-Temperature Solid Oxide Fuel Cells via Impregnation	47.RD	0967166	174,
High Throughput Manufacturing of Carbine Nanowire-Carbon Microfiber Hybrid Structures and Polymer Composites			
from Cotton Textiles	47.RD	0968843	9,
Combinatorial Quasirandomness and its Applications	47.RD	1001370	13,
WORKSHOP: New Horizons in Conflict System Analysis: Applications to the Middle East Fall, 2010: A Cross-Disciplinary			
Purification of the Ge-76 for the Majorcan Demonstrator	47.RD	1003399	59,
REU Site: Multidisciplinary Research in Secure Computing	47.RD	1004899	81,
Extremal and Probabilistic Combinatorics II	47.RD	1000475	
REU Site: Biomolecular and Biomechanical Interactions	47.RD	1005138	
Mechanistic Studies of Oxygen Electrodes with Simultaneous High Activity and Stability for Solid Oxide Fuel Cells	47.RD	1006113	59,
ADVANCE IT-Catalyst Advancing USC STEM Faculty	47.RD	1008336	28,
Ligand Design for Molecular and Supramolecular Control of the Structures of Metal Complexes:			
Investigations of Unusual Magnetic Properties	47.RD	1011736	74,
RI: Small: 3D Nonrigid Object Reconstruction from Large-Scale Unorganized 2D Images	47.RD	1017199	3,
REU Supplement- RI: Small: 3D Nonrigid Object Reconstruction from Large-Scale Unorganized 2D Images	47.RD	1017199	1,
NeTS: Small: Collaborative: PHY-Informed Networking (PHY-IN): Rethinking Wireless Protocol			
Design with the Knowledge of PHY	47.RD	1017276	41,
REU Supplement: NeTS: Small: Collaborative: PHY-Informed Networking (PHY-IN): Rethinking Wireless Protocol Design with			
the Knowledge of PHY	47.RD	1017276	13
Mathematical Modeling and Computational Studies for Cell Signaling	47.RD	1019544	28
USCA Cognitive Neuroscience Learning Community	47.RD	1020906	37
Collaborative Research: STEM Real World Applications of Mathematics	47.RD	1020692	5
Collaborative Research: Places of Worship and the Politics of Citizenship: Immigrants and Communities of Faith in the New South	47.RD	1021666	7,
Characterization of a Novel Nickel Metalloregulatory Protein, Yqjl	47.RD	1022288	172,
REU: Characterization of a Novel Nickel Metalloregulatory Protein, Yqjl	47.RD	1022288	2,
Collaborative Research: Implementing and Assessing Strategies for Environment for Fostering Effective Critical			
Collaborative Kesearch: Implementing and Assessing Strategies for Environment for Fostering Effective Critical Thinking (EFFECTs) Development and Implementation Doctoral Dissertation Research: Social Status and Performance on Mental Ability Tests	47.RD 47.RD	1022971 1029741	58, 1,

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
ional Science Foundation, continued assed through programs from:			
South Carolina Research Foundation, continued			
The Role of Host Proteins in HC-Pro Suppression of Silencing	47.RD	1029803	54,9
The Role of Host Proteins in HC-Pro Suppression of Silencing	47.RD	1029803	5,1
Synergistic Modeling: Manufacture and Design of 'Nano' Microstructures Collaborative Research: Plankton Community Composition and Tropic Interactions as Modifiers of Carbon Export in the	47.RD	1030162	73,5
Sargasso Sea	47.RD	1030345	87,0
Collaborative Research: Mixed Ionic Electronic Conducting Cathodes for Intermediate Temperature Solid Oxide Fuel Cells	47.RD	1030731	19,3
I/UCRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems	47.RD	1031987	8,4
I/UCRC Fundamental Research: Gallium Nitride Optical Isolation for Wide Bandgap Power Electronic Systems: RET/V			
Supplement	47.RD	1031987	7,5
Ocean Acidification - Category 1: Real Time Assessment of Ocean Acidification Proxies and Their Incorporation in the			
Marine Sediment Record	47.RD	1039503	110,0
Ocean Acidification - Category 1: Identifying Adaptive Responses of Polar Fishes in a Vulnerable Ecosystem	47.RD	1040945	114,
NUE: Nano in Global Context for Engineering Students	47.RD	1042040	81,
Collaborative Research: CIC (SEA): Using the Cloud to Model and Manage Large Watershed Systems	47.RD	1048125	37,
Acquisition of a Computer Cluster for Wide-Range Chemical Applications and Education LTREB: Long Term Studies of Salt Marsh Primary Production	47.RD 47.RD	1048629 1052636	(1, 84,
Channel Properties Where Fluvial and Tidal Currents Meet	47.RD 47.RD	1053299	69,
Channel Properties Where Fluvial and Tidal Currents Meet	47.RD	1053299	24,
Collaborative Research: Stable Strontium Isotope Ratios (88/86Sr) in Abiotic and Microbially Mediated Barite	47.RD	1053474	(12,
CAREER: Hydrothermal Carbonization of Mixed Feedstocks: Implications for Sustainable Waste Management	47.RD	1055327	92,
CAREER: Asymmetric Silvlation of Secondary Alcohols and Mechanistic Investigations	47.RD	1055616	127,
CAREER: Approximate Description of Nuclear Quantum Effects Applicable to Large Molecular Systems	47.RD	1056188	158,
The Logic of Collective Action in Large Groups	47.RD	1058236	38,
REU: The Logic of Collective Action in Large Groups	47.RD	1058236	1,
Collaborative Research: Chemical and Biological Characterizations of Phosphonate and Polyphosphate Dynamics in Marine			
Phytoplankton	47.RD	1061094	45,
REU Supplement Collaborative Research: Small-Scale Variability in Aeolian Sand Transport	47.RD	1063441	1,
Rapid: Field Data on Levee Breaches	47.RD	1068116	24,
Theoetical Studies of Hadronic and Nuclear Dynamics	47.RD	1068305	126,
Nanoelectromechanical Uncooled Infrared Sensor Using Epitaxial Graphene BME: Engineering the Surface Chemistry of Nanoparticles: A Two-Staged Attack on Infection Biofilms	47.RD 47.RD	1029346	117,
Modeling of Flow and Morphodynamics of Sinuous Submarine Channels	47.RD 47.RD	1032579 1061244	17, 61,
Integrated Multi-physicochemical Processes Induced Stresses to Study Structural Reliability for Solid Oxide Fuel Cells:	47.KD	1061244	01,
Modeling and Experiments	47.RD	1100085	66,
Simulation of Integrated Urban Infrastructure Systems using Component-based Modeling	47.RD	1100227	50,
Banach Spaces with Applications to Compressed Sensing and Greedy Convergence	47.RD	1101490	36,
US Egypt Cooperative Research: Luminescent Molecularly Imprinted Polymer Sensor Arrays	47.RD	1103904	40,
Synthesis of Polynuclear Transition Metal-Heavy Main Group Metal Carbonyl Complexes for Uses as Next-Generation			
Recurrent Events, Dynamic Reliability Models, and Multiple Decision-Making with High Dimensional Data	47.RD	1106435	72,
Collaborative Research: Spectral Diagnostics of Heavy Elements at High Redshift	47.RD	1108830	104,
Synthesis of Polynuclear Transition Metal - Heavy Main Group Metal Carbonyl Complexes for Use as Next-Generation			
Multimetallic Heterogeneous Nono-Catalysts	47.RD	1111496	92,
Mulidimensional Incoherent Spectroscopy for Measuring Condensed-Phase Dynamics	47.RD	1111530	217,
Web-based Tools for Developing and Accessing Sociological Theory	47.RD	1123040	56,
Collaborative Research: Maplets for Calculus (M4C)	47.RD	1123170	45,
CDI-TYPE 1: Intertidal Sensor Networks for Climate Change Studies in Intertidal Ecosystems Collaborative Research: Impact of Salt Water Intrusion on C Storage in Tidal Freshwater Wetlands: Assessing the Amount,	47.RD	1124657	122,
Linking Variation in Metabolic Processes as a Key to Prediction (ROA: Parasite Impact on Crab Behavior and Energetics)	47.RD	1129166	100
Climate Change and Biogeography: Effects of Extreme Events	47.RD 47.RD	1129401	138, 147,
Programmable Polymers based on Restricted Rotation	47.RD 47.RD	1129401	42
Collaborative Research: Measurement and Modeling of Aerodynamic Interactions between Tree-Sway Motion	47.00	1112451	42,
and Turbulence in and above a Forest Canopy	47.RD	1117922	2,
GOALI: Low Dislocation Density Semi-polar III-Nitride Substrates for Polarization Free Ultraviolet Light Emitting Diodes	47.RD	1128563	215
Collaborative Research: Water Stratigraphy of the Oceanic Lithosphere Using Mantle Xenoliths from Hawaii	47.RD	1129280	36,
Flexible Core/Shell Nanocable - Carbon Microfiber Hybrid Composite Electrodes for High-Performance Supercapacitors	47.RD	1129979	
REU Supplement: Collaborative Research: Pattern Transfer Nanomanufacturing with Magnetically-recorded Nanotemplates	47.RD	1130636	5,
Collaborative Research: Pattern Transfer Nano manufacturing with Magnetically-Recorded Nanotemplates	47.RD	1130636	71,
Collaborative Research: Resilient and Sustainable Engineered Fiber-Reinforced Earthen Masonry for Windstorm Regions	47.RD	1131161	25,
Trace-Metal Isotopes in Atlantic Seawater and Particles from Geotraces Transects A03 and A10	47.RD	1131387	31,
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	1132130	49,
DRRC: Baseline Indicators for Monitoring Disaster Resilience in Rural Places	47.RD	1132755	55,
Career: Linking Microbial Phylogenetic and Functional Gene Diversity to Microbial Mat Ecosystem Function Following	47.00		
Environmental Disturbance CAREER: Towards Multimedal and Multialgorithm Easial Activity Lodographing by Audiovisual Information Eucion	47.RD	1149447	119,
CAREER: Towards Multimodal and Multialgorithm Facial Activity Understanding by Audiovisual Information Fusion CAREER: African American Father Engagement and Early Adolescents' Academic and Social Adjustment	47.RD	1149787	53, 47,
CAREER: Arrican American Father Engagement and Early Adolescents' Academic and Social Adjustment Gaze Control during Scene Viewing: Behavioral and Computational Approaches	47.RD 47.RD	1150963 1151358	47, 46,
Cationic Cobaltocenium Polyelectrolyte Polymers; Synthesis, Self-Assembly and Utilities	47.RD 47.RD	1151358 1151479	46, 167,
Rational Design of Selective Hydrodeoxygenation Catalysts for Organic Acids	47.RD 47.RD	1151475	107,
Seeking Hidden Glaciation of the Greenhouse World	47.RD 47.RD	1155630	144, 183,
REU Sites: Summer Research Experience in Brain and Cogniive Sciences	47.RD 47.RD	1156522	74,
REU Site: Marine Biogeochemistry at the University of South Carolina	47.RD	1156831	98
Regulation of Genetic Recombination in Mammals	47.RD	1157416	163
Collaborative Research: Rational Design of Bifunctional Catalysts for the Conversion of Levulinic Acid to Gamma-Valerolactone	47.RD	1159863	32,
· · · · · · · · · · · · · · · · · · ·			
GOALI: A Scientific Synthesis of Bimetallic Catalysts	47.RD	1160036	79,

The Schere Fundation, certified Control Careby Approximation Control Careby Approximation Interfact States Compressed Stating 47.00 116541 B Careby Approximation Interfact States Compressed Stating 47.00 116541 B Demonspecial and Provide Characteristic Control Mechanization Community into 2014 200005	Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
Passed Reprint Processing United Passed Construction in Jacobi Supers and Comparison allowing 4.20 11.00.01 10.000.00 <th></th> <th></th> <th>,</th> <th></th>			,	
Greeky Approximation in Bissing Spaces and Compresses Serving 47.80 115538 15 III Machine, Classing Spaces and Compresses Serving 47.80 115538 15 IIII Machine, Classing Spaces and Compresses Serving 47.80 115538 15 IIII Machine, Classing Spaces and Compresses Serving 47.80 1202037 11 An Interpress Approximation from Meeting 47.80 1202037 12 Collaborate Encomments Cuantanty Forwards and Mechanics 47.80 1202031 7 Collaborate Encomments Cuantanty Meeting Approximation 47.80 1202031 7 Classing Meeting Approximation and Mechanics Synthes and Mechanics 47.80 1202031 7 Classing Meeting Approximation and Synthe Policing 47.80 1202031 7 Meeting Meeting Approximation and Synthe Policing 47.80 1202031 7 Meeting Meeting Approximation and Approximation approximation and Approximation and Approxi				
III. Medium: Collaborative Research: Developing a 3D Research: Solphic Research: Applica Gamma (Arrival Tasser): Collaborative Arrival Tasser (Salphic Research: Applica Sale): 47.80 11.0166 33 Biomedianci of Arrival Tasser: The origing a 3D Research: Solphic Research: Applica Sale): 47.80 12.0008 16 An interactive Sale Containing Collaboratio: Community Intervation in the high claps: Sciences 47.80 12.0018 5 SoluteSale): Medicing Collaboratio: Community Intervation in the high claps: Sciences 47.80 12.0012 5 Efficient Unconventional Containing with Adjusciable Internets 47.80 12.0002 5 Research Containing Antimic Adjusciable Intervation in the high claps: Sciences 47.80 12.0002 5 Natural Intervation Adjusciable Intervation intervation in the high class of the high class and Metanians 47.80 12.0002 5 Natural Intervation Adjusciable Intervation intervation in the high class of the high class of the high class and Metanians 47.80 12.0002 5 Natural Intervation Adjusciable Intervation in Adjusciable Intervation in the high class of thigh class of thigh class of the high class of the high class of th	South Carolina Research Foundation, continued			
Honological and Southe Characteristics Guessions in Commutate Algebra 47.00 120055 3 Biomechnics of Archier Thisse Fairer and Multiple engly South Community in oracle Sharen pointing 47.00 120055 12 Collaborative Research, Experimentally Guided Mathematics for the Mechanomic in the hypothing: Stateware 47.00 120126 2 Southease Thisse Theory Mechanomics 47.00 120128 5 Fifticies Unconventional Company in which Mathel Mechanomy Crunt Filement 47.00 120258 5 CUDRIC/CONE - One Majorana Renz Generation Noble Bats Decay Experiments 47.00 120258 7 Cubrics Commitse Mathematic State and Mathel Mechanom 47.00 120258 7 Natural Renn Acked Scate				81,6
Biomediancie of Antreal Taxos Polium at Multiple Length Scale 47.00 1202361 12 An interactive Schware inflanzature for Statisming Oldbarenite Community innovation in the Hydrobge Sciences 47.00 1202472 12 2. Sear Francis manual the Brothochistors of Bookinniums 47.00 1202583 7 2. Sear Francis manual the Brothochistors of Bookinniums 47.00 1202583 7 2. Sear Francis manual the Brothochistors of Bookinniums 47.00 1202583 7 CUORE/CUORE Conditionation of Francisco and Meteria Synthesis and Meteriann 47.00 1202583 7 Conditionation of Sear Conditionation of Francisco in Modelsaults Synthesis and Meteriann 47.00 1202592 2 Representation and Alger Postmonian of Meteria Conditionation of Francisco in Meterian Contration of Meterian Contration Contration Of Meterian Contration of Meterian Cont				154,0
Collaborative Research: Experimentally Guided Mathematics for the Machanomizmy of cell Sharp physics 47,40 1200827 22 South Section Section Collaboration Collaboration Community Involution in Hydrologic Sciences 47,40 120183 5 South Faction and the Orich Indian Origin Collaboration Material Synthesis and Machanism 47,40 120183 5 Natural Reint Action Containing Antimicrobial Material Synthesis and Machanism 47,40 120587 8 Natural Reint Action Containing Antimicrobial Material Synthesis and Machanism 47,40 120587 8 Natural Reint Action Containing Antimicrobial Material Synthesis and Machanism 47,40 120587 9 Natural Reint Action Containing Antimicrobial Material Synthesis and Machanism 47,40 120587 9 Natural Reint Action Containing Antimicrobial Material Synthesis and Machanomismol Antion Processing and Adoption State Transmismol Antion Processing and Adoption and State Transmismol Antion Processing and Adoption				37,5
An Interactive Schwarz Instructure for Subsidier Community Innovation in the Hydrology Sciences 47.00 1201126 Zeaf Analysis Anal				163,2
Southwell Theory Meetings 47.80 1201126 Ere Anctions and the Distribution of Hed Discriminants 47.80 120233 7 Efficient tincenventurial Computing with Adaptable Memory Orcal Elements 47.80 120233 7 Processing and Adaptable Memory Orcal Elements 47.80 1206772 9 Nature Itelian Ada/Containing Astronochia Meerins's Synthesis and Mechanism 47.80 1206772 9 Nature Itelian Ada/Containing Astronochia Meerins's Synthesis and Mechanism 47.80 1201792 2 Meeting Meeting Astronochia Adaptation Meeting Synthesis and Mechanism 47.80 1201792 2 Meeting Meeting Astronochia Adaptation Meeting Synthesis and Mechanism Contains 47.80 1213562 5 Development of Correlation Operator Approach to Model Dectrono Correlation 47.80 1213571 7 Development of Adaption of Adaption Advection Officion Equations 47.80 1213571 7 Meeting Tarschein Adaption of Adaption Advection Officion Equations 47.80 1213571 7 Meeting Tarschein Advection Advection Advection Advection Eduations 47.80 1213671 7 Development of Advection Adv				27,3
Zea Functions and the Distribution of field Discriminants 47.80 1201330 5 Hinders Lices/Variable Adaptable Memory (trust Elements and Mechanism) 47.80 1202890 66 Natura Bean Adaptable Memory (trust Elements and Mechanism) 47.80 1200510 8 Natura Bean Adaptable Memory (trust Elements and Mechanism) 47.80 1200514 8 Natura Bean Adaptable Memory (trust Elements and Mechanism) 47.80 1200514 8 Material Struct Meteories Creant Analogica Deponters for Other Loc Struct Methy Elements and Tolerances trust and Mechanism) 47.80 121152 4 Development of Constants Appointants on Mechanism Methods Electron material 67.80 1212623 7 Development and Analysis of Task Numerical Methods for Fractional ID filterona filteron Methods Electron material 67.80 1225623 7 Development and Analysis of Task Numerical Methods for Fractional ID filteron Methods Electron material 67.80 1225623 7 Development and Analysis of Task Numerical Methods for Fractional ID filteron Methods Electron Method Filteron Methods Electron Method Filteron Methods Electron Method Filteron Methods Electron Methods Filteron Methods Electron Methods Electron Methods Electron Methods Electron Methods Electron Method Filteron Methods Electron Methods Electron Methods Electron Metho				27,5
Efficient Licenventional Computing with Adaptable Memory Crant Homests 47.40 202038 7 COUNPL/COUNPC And Majorans: Wend encentabe bodde heat bace hyperiments 47.80 202072 8 Natural Rein Add Containing Amerimentable Materialit. Synthesis and Mechanism 47.80 202072 5 Add Containing Amerimentable Materialit. Synthesis and Mechanism 47.80 202072 2 Add Containing Amerimentable Materialit. Synthesis and Mechanism 47.80 221358 4 Add Containing Ameriments Materiality Synthesis and Mechanism 47.80 221358 4 Add Containing Ameriments Materiality Synthesis and Mechanism 47.80 221358 4 Development of Containing Ameriments Materiality Formation and Approximation of Natural Print Add Approximation of Paralel Printe Element State: Les Stete Materiality 27.80 222390 10 Theories of States Material Materiality Formation and Approximation of religibility for Paralel Printe Element State: Les Stete Materiality 27.80 222373 22 Add Colaborative Research: Materiality Add Approximation of religibility for Paralel Printe Element State: Les Stete Materiality 27.80 222373 22 Materiality Add Approximation of religibility for the State Element State: Les Stete Materiality 47.80 222373 <				53,3
CUORE/CUORE-Contain Advancements Need Containing Attractions Need Schedule Research Decy Departments 47.80 1202550 6 Natural Resin Additional Labuly of a Networks Synthesis and Mechanism 47.80 120672 9 Natural Resin Additional Labuly of a Networks Synthesis and Mechanism 47.80 120572 9 Rescensing and Additional Labuly of a Networks Synthesis and Mechanism 47.80 120772 2 Rescensition and Approximation of Networks Synthesis and Networks Synthesis with Applications 47.80 1217559 5 Numerical Improversit, Meth Adjastration Informatical and Ansistrogic Settings with Applications 47.80 1215571 7 Development of Correlation Operator Approach to Model Texton Correlation 47.80 1215571 7 Development and Analysio of Tak Mineado Fri Laburation Mark State Setting Mark State Seting Mark State Setting Mark State Setting Mark State				77,9
Natural Rein Add Containing Anthin Cobbi Materials Synthesis and Machanian 47.80 1206072 9 Materials World Network Ceramic Anade-Supported Solid Oxide Fuel Calls with High Performance and Tolerances towards 47.80 1211792 2 Carlion Department and Ageneration of Ageneration and Admitching Stating with Agelications 47.80 121364 46 Numerical Improvement. Mech Admitching Stating and Admitching Stating Stating Statis Sta				61,0
Processing an Additional Quality of Ge-76 for the Majoraba Demonstrator 47.0 120514 1 Materials Word Revenck Cearan Cade Support S30100 for Full Cills with High Performance Towards 47.8 121523 2 Carbon Deposition and Suffir Policoning 47.8 121523 2 2 Development of Carriation Operator Agromach to Model Rectors Correlations 47.8 121523 2 2 Material Wand Carriation Operator Agromach to Model Rectors Correlations 47.8 121523 7 Material Wand Carriation Operator Agromach to Model Rectors Correlations 47.8 122523 10 The Collopartic Research: Nors Adjustions of Adjustions of Hybrid Demossional Learning 47.8 122573 122533 The Collopartic Research: Nors Adjustions of Adjustions of Hybrid Demossional Learning 47.80 123211 1 Three Research: Nors Adjustions Adjustions ad Adjustions of Hybrid Demossional Learning 47.80 123211 1 Three Edments Processing 47.80 123211 1 1 Three Edments Processing 47.80 123212 1 1 Three Edments Processing 47.80 123221 <t< td=""><td>Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism</td><td>47.RD</td><td>1206072</td><td>80,</td></t<>	Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism	47.RD	1206072	80,
Materials World Research Cramic Ander-Supported Solid Quide Fuel Coles with High Performance and Tolerances towards 47.00 1210792 2. Representation and Agnomization of Functions in Nonclassical and Antotrapic Settings with Agnifications 47.80 1211532 4 Development of Control Operator Agnomatics International Internation for Parallel Finite Element Stokes is Sheet Modeling 77.80 1215503 55 Development of Agnomatics Internation for Parallel Finite Element Stokes is Sheet Modeling 77.80 1225503 17 ATD Calaborative Research Theory and Agnothment Morthols of Fragitational Equations 47.80 1225293 17 ATD Calaborative Research Theory and Agnothment Morthols of Fragitational Equations 47.80 1225293 17 Theories of Steatment Mary of Costal Landscape and Ecosystem Analysis at the Barch Marine Field Laboratory. 77.80 122521 17 University of South Carolina Costan Calaborative Research Structure Costan and Marka Markania Calaboratory. 77.80 123211 12 Costan Calaborative Research Costan and Transcer. Research Structure Costan and Markania Calaborative Research. 77.80 1232121 12 Costan Calaborative Research. Costan and Calaborative Research. 77.80 1232121 12 <td>Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism</td> <td>47.RD</td> <td>1206072</td> <td>59,3</td>	Natural Resin Acid-Containing Antimicrobial Materials: Synthesis and Mechanism	47.RD	1206072	59,3
Chron Deposition and Suffix Potionning 47.8 1210792 2 Representation and Approximation of American in Nuclei Electron Correlation 47.80 121328 4 Development of Correlation Operator Approach to Model Electron Correlation 47.80 1213504 7 Numerican Improvement, Mich Approximation and American Diffusion Equations 47.80 121523 15 Development and Analysis of Fast Numerical Networks for Faccinanal Diffusion Equations 47.80 122573 12 Theories of Sentemic Processing and the Neuroscience of Lampare; Special Session at the 3013 CNV Conference on 47.80 1227784 22 7 Collaborative Exercts: Toos yoo and portunian Of the Senter Social Market Field Laboratory. 123731 12	Processing an Additional Quality of Ge-76 for the Majorana Demonstrator	47.RD	1206314	16,
Representation and Approximation of functions in Nuncissial and Anistropic Settings with Applications 47.80 1211528 4 Development of Correlation Operator Approach to Model Election Correlation 47.80 121563 7 Numerical Improvements, Mech Adaptation and Amantee's Identification for Paraller Inits Element Stocks ice Sheet Modeling 47.80 121503 11 Development of Approximation and Communic Vectoria and the Avaction Officiation Equations 47.80 121503 11 Development of Approximation and Communic Vectoria and Indonesition and Advection Officiation Equations 47.80 121503 11 Themes of Schering and Microsoft Setting With Applications 47.80 122573 11 11 Themes of Schering Applications 47.80 122578 7 12 12311 11 12	Materials World Network: Ceramic Anode-Supported Solid Oxide Fuel Cells with High Performance and Tolerances towards			
Development of Corristion Operator Approach to Model Electron Correlation 47.80 123804 7 Numerical Ingresorements, Mich Advaption and Parameter Identication for Parameter Stokes ices bleet Models 47.80 1226573 77 Development and Analysis of Fast Numerical Methods for Tactobial Offsicion and Advection-Offsicion Equations 47.80 1226593 101 The Caliborative Research: Theory and Agorithms for High Dimensional Learning 47.80 122753 102 The Michael Environment and Community Creation and Advection-Offsicion and Advection-Offsicion Equations 47.80 122753 Test Elements and Intercal Methods for Language: Special Eastions at the 2013 CVW Conference on 47.80 122753 Test Elements and Introduces and Ite Genesis of Mesopotamizm Cities (Irea) 47.80 1228753 22 Collaborative Research: Steed TACES Tanker: Coal Tactoscian Advection of Tactoscian Advection				21,8
Numerical Improvements, Wesh Adaptation and Parameter Identification for Parallel Finet Element Soles (e.S. best Modeling 47.80 122553 77 Development and Analysis of Fast Numerical Methods for Fractional Difusion and Advection-Diffusion Equations 47.80 1226573 12 The Ocliboartic Research: Theory of Cassal Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, 47.80 1227784 7 Image Instrument Forescing 47.80 1232781 7 7 Collaborative Research: US GOTTACES Facilit Cason Transacct. Rates of Supply, Removal and Internal Cycling of 47.80 123311 11 The Microglit Carton Num and Bacterial Carton Sequestration in the Ocean 47.80 123312 12 Dotatal Distribution Research: Usoff Castal Landscape, and Ecosystem Analysis at the Baruch Marine Field Laboratory. 47.80 123311 11 The Microglit Carton Num and Bacterial Carton Sequestration in the Ocean 47.80 1233422 32 Outcome Distribution Research: Usoff Electrico. Distribution Carto Distribution Research: Usoff Electrico. Distribution Carton Sequestration in the Ocean 47.80 1234452 33 Outcome Distribution Research: Usoff Electrico. Distribution Carton Sequestration in the Ocean 47.80 1234452 33 </td <td></td> <td></td> <td></td> <td>42,4</td>				42,4
Material Transformation and Community Creation at the Etowah Bre, Georgia 47.00 1216571 7. Development and Analys of Stat Numerical Methods for Tradicial Offsuion Equations 47.00 1222590 100 Theories of Sentence Processing and the Neuroscience of Language. Speah Beaching at the 2013 CNV Conference on Human Sentence Processing and the Neuroscience of Sentenga Analysis at the Baruch Marine Field Laboratory. 1225733 1225825 7. Detrate Residence and the Genesis of Mesopotamiam Cities (rag) 47.80 1228825 7. Detrate Residence and the Genesis of Mesopotamiam Cities (rag) 47.80 12238731 22 Content Neuroand Bacterial Cathon Sequeration in the Cenes 47.80 1233873 22 Detrate Residence Crystalis 47.80 1233873 22 Collaborative Research: Votath Citizention and Spaces of Belonging in a Multicultural Nation 47.80 1233873 22 Oblication Constration State Citication, and Spaces of Belonging in a Multicultural Nation 47.80 1234562 32 GEOTRACES Pacific Section City State 47.80 1236761 22 22 Oblication Formand Resource State Mesotchemotion of Cathon State Mesotchemotion 47.80 1236761 22 <td></td> <td></td> <td></td> <td>74,9</td>				74,9
Development and Avalysis of fast Numerical Methods for Fractional Diffusion and Advections Of High Dimensional Learning 47.80 1226323 10 ATD Collaborative Research: Theory and Advections of High Dimensional Learning 47.80 1222330 10 Hurran Sentece Processing and the Neuroscience of Language: Special Jession at the 2013 CNV Conference on 47.80 1222753 73 Debtation Editoria Constant Avalysis at the Baruch Marine Field Laboratory, 47.80 1223711 11 Diversity of South Carolina 74.80 1223723 221 11 The Intergitic Laron Encore Constant Class (Irrag) 47.80 1233323 221 Dotoral Distributic Section: Dissouth Carolina Avalysis at the Baruch Nation Encore Constant Class (Irrag) 47.80 1233452 33 Obtoral Distributic Section: Dissouth Carolina Avalysis at the Baruch National Multicultural Nation 47.80 1233452 33 Obtoral Distributic Section: Dissouth Carolina Sequestration in the Ocean 47.80 1234552 33 Obtoral Distributic Section: Dissouth Research: Carolina Carolina Avalysis at the Baruch National N				50,
ATD Collaborative Research: Theory and Algorithms for high Dimensional Learning 47.80 122390 10 Theories of Sentence Processing and the Neuroscience of Language-Special Session at the 2012 CNV Conference on 47.80 1228253 77 SML: Insign furturent Arry for Costal Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, 47.80 1222784 22 Collaborative Research: US GOTIACES Pacific Zonal Transect: Rate of Supply, Removal and Internal Cycling of 77.80 1232313 11 Trace Elements and Suspace 47.80 1232492 13 New Solitonic Wineguide States of Granular Mononic Crystals 47.80 1232492 13 Sector Disorder Field Constraint Chrono Snegunitation in the Ocean 47.80 1232492 13 New Solitonic Wineguide States of Granular Mononic Crystals 47.80 1234564 13 GotIDatoritie Research: Electrochemic Crystals 47.80 1235664 13 GotIDatoritie Research: Electrochemic Crystals 47.80 1237680 38 SHE: Type II (NTI; Collaborative Research: Electrochemic Crystals 47.80 1237680 38 SHE: Type II (NTI; Collaborative Research: Electrochemic Crystals 47.80 1237680 38 SHE: Type II (N				73,
Theories of Sentence Processing and the Neuroscience of Language: Special Session at the 2013 CVNV Conference on47.RD122573FSML: Inaging Instrument Array for Costal Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, University of South Carolina17.RD12268257.Deltak Resilence and the Geneis of Mesopotamian Cites (Iraq)47.RD123623111.The Microgal Carobo Fung and Bacterial Carbon Sequestration in the Ocean47.RD1238123111.Dectario Disortation Research: Visual Research: Caroling Systems with Mobile Technology to Improve77.RD123508032Self: Type III (Visual Caroling Research: Caroling Systems with Mobile Technology to Improve77.RD124246066Collaborative Research: Caroling Research: Caroling Research: Caroling Learning Systems with Mobile Technology to Improve77.RD1242467314Resisting Research: Caroling Resea				19,
Human Sentence Processing 47.RD 1225733 FSML: Imaging Instrument Arry for Costal Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, University of South Carolina 47.RD 1222574 22 Collaborative Research: US GOTRACES Pacific Zonal Transect: Faster of Supply, Removal and Internal Cycling of 47.RD 123121 1 Trace Elements and Isotopes 47.RD 1231221 1 1 Trace Elements and Isotopes 47.RD 1233433 22 2 Doctaral Discretion Research: Us Claraton, and Spaces of Belonging in a Multicultural Nation 47.RD 1233452 33 Stort MacES pacific Section: Disotopes of Carola Granuer Phononic Crystals 47.RD 123563 20 Collaborative Research: Electrochemical Reduction of Co21 to Small Organic Fuels on Encapsulated Metal Catalysts in 47.RD 123563 20 Steri Type II (W) Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 77.RD 1237680 23 Steri Type II (W) Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 77.RD 1237680 23 Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 77.RD 1237460 <td< td=""><td></td><td>47.KD</td><td>1222390</td><td>102,</td></td<>		47.KD	1222390	102,
FSML: Imaging instrument Array for Cass11 Landscape and Ecosystem Analysis at the Baruch Marine Field Laboratory, University of South Carolina Edites (irag) 47.80 1226825 7 Delta fite Resilience and the Genesis of Mesopotamiam Cities (irag) 47.80 1227784 22 Collaborative Research: US GEOTRACES Sandti?. Canol Transet: Rate of Supph, Removal and Internal Cycling of 77.80 1233121 11 The Microglial Carobn Pump and Batchi's Carbon Sequestration in the Ocean 47.80 1233492 23 Dottanial Dissentation Research: Storthormalia Reduction Of Cayla 33 47.80 1233492 33 GEOTRACES Pacific Section Origonial Phone Origonia Fuels on Encapsulated Metal Catalysts in 78.70 1234452 33 Section Practice Research: Creating Learning Systems with Mobile Technology to Improve 47.80 1237080 33 SHIS: Type II (UP) Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.80 1237080 33 SUB-Type II (UP) Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.80 1237080 33 Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.80 1237080 33 Sub-Type II (UP) Collaborative Research:		47 PD	1225752	(
University of South Carolina 47.80 1226825 77 Deltaik Resilence and the Genesis of Mesoptanian Cities (Iraq) 47.80 122784 2 Collaborative Research: US GEOTRACES Parific Zonal Transect: Rates of Supply, Removal and Internal Cycling of 77.80 1233173 221 The Microglial Carbon Pump and Bacterial Coron Sequestration in the Ocaan 47.80 1233873 221 Doctoral Diseation Research: Voit Cittership, Civic Education, and Spaces of Belonging in a Multicultural Nation 47.80 1234852 33 GOIDaorative Research: Unit Cittership, Civic Education, and Spaces of Belonging in a Multicultural Nation 47.80 1234852 33 Goid Distribute Research: Cite Electrochemical Feduction of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in 47.80 1235654 33 Self: Type II (W): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.80 1237080 33 Constration in Peroperative Services 47.80 1237080 33 Ster: Type II (W): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.80 1237080 33 Constration in Peroperative Services 47.80 1237080 33		47.KD	1223733	(
Delta: Resilience and the Genesis of Mesopatamiam Cites (iraq) 47.80 1227244 2 Collaborative Research: US GOTRACES Pacht: Zona Transet: Rates of Supply, Removal and Internal Cycling of 1 1 The Microgial Carbon Pump and Bacterial Carbon Sequestration in the Ocean 47.80 1233373 221 Doctoral Dissertation Research: Youth Cites Analysis, Civic Education, and Spaces of Belonging in a Multicultural Nation 47.80 1233452 33 GEOTRACES Pacific Section: Dissobed Fe, CJ, and Zn isotopes 47.80 1235564 32 Collaborative Research: Electrochemical Reduction of CQ1 to Small Organic Fuels on Encapsulated Metal Catalysts in 47.80 1235654 32 Still: Type II (NT): Collaborative Research: Catalysts in Mobile Technology to Improve 47.80 1237080 33 Collaborative Research: Electrochemistic Internation Systems with Mobile Technology to Improve 47.80 1237080 33 Collaborative Research: Electrochemistic Internation Sort Bioling Coll Sont Bioling Co		47 RD	1226825	77,
Collaborative Research: US GCDTRACES Pacific Zonal Transet: Rates of Supply, Removal and Internal Cycling of 1231211 1: Trace Elements and lotopes 47 R0 12313373 221 The Microglial Carbon Pump and Bacterial Carbon Sequestration in the Ocean 47 R0 1233492 32 Novel Solitonic Waveguides Based on Granular Phononic Crystals 47 R0 1234652 33 GCDTBACES Pacific Secton: Disobore FLC dotacton, and Spaces of Belonging in a Multicultural Nation 47 R0 123554 32 Gollaborative Research: Electrochemical Reduction of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in 47 R0 1237661 12 Shif: Type II (IV): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47 R0 1237080 33 Shif: Type II (IV): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47 R0 1237080 33 Collaborative Research: CREATE: Evaluating the Laren Basin's Suitability for testing the Creaceous Glaciation Hypothesis 47 R0 1247503 144 RUU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity RestatAdd Wreless Nodes 47 R0 1242237 44 Collaborative Research: CREATE: Evaluating the Laren Basin's Suitability for testing	•			27,
Take Elements and storage: 47,80 123211 1 The Microgial Carbon Pump and Bacterial Carbon Sequestration in the Ocean 47,80 123492 21 Doctoral Dissertation Research: Youth Ottice Education, and Spaces of Belonging in a Multicultural Nation 47,80 123492 21 GeoTRACES Parific Section Dissolved Fe, Gi, and Zn Isotopes 47,80 123452 20 Collaborative Research: Electronenical Reduction Of CQ to Small Organic Fuels on Encapsulated Metal Catalysts in 47,80 1236761 122 SHB: Type II (MT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47,80 1237080 33 Conditionative Research: Electroneginic Uniterias as Tabiling Tools for Bioconjugation Technology to Improve 47,80 1237080 33 Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47,80 1237080 33 Collaborative Research: Electroneginic Uniters as Tabiling Tools for Bioconjugation Technology to Improve 47,80 1237080 33 Collaborative Research: Electroneginic Uniters as Tabiling Tools for Bioconjugation Technology to Improve 47,80 1237080 35 Conditionative Messarch Research: Creating Learning Systems with Mobile Technology to Improve		17110	1227701	
The Microglial Carbon Pump and Bacterial Carbon Sequestration in the Ocean 47.R0 123372 121 Doctoral Discretion Research: Unic Education, and Spaces of Belonging in a Multicultural Nation 47.R0 123492 33 GCOTRACES Park Cestorin. Discovel Fr, Cd, and CD, stoopes 47.R0 123563 30 Collaborative Research: Electrochemical Reduction of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in 47.R0 1236761 12 Gas Diffusion Electrode Environment 47.R0 1236761 12 12 SHI: Type I (UNI): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.R0 1237080 33 SHI: Type I (UNI): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.R0 12327080 33 Collaborative Research: ACRET: Evaluating the Larsen Basin's Suitability for testing the Cretacous Glaciation Hypothesis 47.R0 1242460 66 I Corps: Fluorogenic Dyse and Fluorogenic Universe as Enabling Tools for Bioconjugation Technology 47.R0 1242237 47 REU Supplement Novel Beam Steering Apertures and Awaeforms for High Capacity Toroadand Wireless Nodes 47.R0 1224237 47 Collaborative Research: The Carita Canonsonic Decanograp		47.RD	1231211	17,3
Novel Solitonic Waveguides based on Granular Phononic Crystals47 Rb123445233GCOTRACES Partic Section: Discolved Fe, GL, and CA Instorpes47 Rb1235150200Collaborative Research: Electrochemical Reduction of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in Gas Officials Electrode Environment47 Rb1235651122SHB: Type II (MT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve Coordination in Perioperative Services47 Rb123708033SHB: Type II (MT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve Coordination in Perioperative Services47 Rb123708033Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47 Rb123708033Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47 Rb124140066I-Corps: Florogenic Dyes and Flup Capacity Broadband Wriefless Nodes47 Rb12423743Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wriefless Nodes47 Rb1247503115Support of Dark Matter Silver Jubiles Symposium47 Rb125561199Carletter: Smart BF/Microwave Components Using Nano-Flin Slow Wave Elements47 Rb12556192Collaborative Research: Tec Carlatine Seasoca Genopsites Derived from Hydrocarbon-Rich Natural Resin47 Rb125561199Carletter Sima RE/Microwave Components Using Nano-Flin Slow Wave Elements47 Rb125561199Collaborative Research: Tec Carletta Basin Cosocaterins Nodes47 Rb	The Microglial Carbon Pump and Bacterial Carbon Sequestration in the Ocean	47.RD	1233373	213,
GEOTRACES Pacific Section: Dissolved Fe, Cd, and Zn hotopes 47.R0 123150 20 Collaborative Research: Electronemical Reductions of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in 1235654 12 Gis Diffusion Electrode Environment 47.R0 1235654 12 Pollutant Formation During Ox-Combustion of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in 1237080 32 SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.R0 1237080 33 SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve 47.R0 1241460 66 Collaborative Research: EAGRE, Evaluating the Larsen Basin's Suitability for testing the Creaceous Giaciation Hypothesis 47.R0 1242503 41 REU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes 47.R0 1245503 12 Support Of Davies Research: EARER The Caraco Basin Oceanographic Time Series 47.R0 1251457 12 Collaborative Research: The Caraco Basin Oceanographic Time Series 47.R0 1251457 12 Collaborative Research: Electrone Mano-Film Sow Wave Elements 47.R0 1255451 9	Doctoral Dissertation Research: Youth Citizenship, Civic Education, and Spaces of Belonging in a Multicultural Nation	47.RD	1233492	2,
Collaborative Research: Electrochemical Reduction of CO2 to Small Organic Fuels on Encapsulated Metal Catalysts in Gas Offitius Electroche Environment47.RD1235654122Pollutant Formation During Ox-Combustion of Coal47.RD123768032SHB: Type II (NIT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47.RD123708032Condination in Perioperative Services47.RD123708032Collaborative Research: ExaGER: Evaluating the Larsen Basin's Suitability for testing the Creatacous Glaciation Hypothesis47.RD124246066I-Corps: Flooragenic Dyes and Fluorogenic Linkers as Enabling Tools for Bioconjaguiton Technology to Improve47.RD1242470313Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD124270315Support of Dark Matter Silver Jubiles Springosium47.RD125216713Support of Dark Matter Silver Jubiles Springosium47.RD125261199CAREER: smart BF/Microwave Components Using Nano-Flin Slow Wave Elements47.RD125261713Collaborative Research: The Cractors Derived from Hydrocarbon-Rich Natural Resin47.RD12526677Collaborative Research: The Cractors Derived from Hydrocarbon-Rich Natural Resin47.RD12566077Collaborative Research: The Cractors Derived from Hydrocarbon-Rich Natural Resin47.RD126002872122Collaborative Research: The Cractors Davide Springen Interingen Springen The Springen Interingen Springen The Springen Interingen Springen47.RD12566677 </td <td>Novel Solitonic Waveguides Based on Granular Phononic Crystals</td> <td>47.RD</td> <td>1234452</td> <td>37,</td>	Novel Solitonic Waveguides Based on Granular Phononic Crystals	47.RD	1234452	37,
Gas Diffusion Electrode Environment47.RD1236564Pollutant Formation During Ox. Combustion of Coal47.RD1236761122SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve7.RD123708033SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47.RD123708033Collaborative Research: ACRE: Evaluating the Larsen Basin's Suitability for testing the Creaceous Glaciation Hypothesis47.RD124346066I-Corps: Floorogenic Dyes and Fluorogenic Linkers as Enabling Tools for Bioconjugation Technology47.RD1242470313RU Supplement: Nove Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD12351679Nove Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD12351679Career: Renewable Polymers and Componets Using Nano-Film Solve Wave Elements47.RD12358297Collaborative Research: The Carlaco Basin Oceanographic Time Series47.RD12358919The PI-LETR, Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic77143646of Coastal Landscapes and Estuarine Seascapes47.RD5424677Designed Interfaces on Nanoparticles via NAPT Polymerization47.RD5471475Start Federation Consortium47.RD54714755Start Federation Consortium47.RD5441253065Modeling Individual Differences in PTSD <td>GEOTRACES Pacific Section: Dissolved Fe, Cd, and Zn Isotopes</td> <td>47.RD</td> <td>1235150</td> <td>205,</td>	GEOTRACES Pacific Section: Dissolved Fe, Cd, and Zn Isotopes	47.RD	1235150	205,
Pollutant Formation During Ox-Combustion of Coal47.RD1236761123SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47.RD123708033SHB: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47.RD123708033Coordination in Perioperative Services47.RD124346066Coordination in Perioperative Services47.RD124246066Coordination in Perioperative Services47.RD124246066Coordination in Perioperative Services47.RD124257347Coordination in Perioperative Services47.RD124257347Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD1235145792Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125251192Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125259172Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125259172Collaborative Research: Effectiveness, Regulatory Holiday and Third Party Certification47.RD555:127.2312Designed Interaces on Nanopartices with RF Polymerization47.RD555:127.2312Designed Interaces on Nanopartices with Appression64.RD544-03503612Modeling Individual Differences in PTSD64.RD544-03503612Modeling Individual Differences in PTSD64.RD544-035036				
SHE: Type II (NT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve Coordination In Perioperative Services47.R0123708033SHE: Type II (NT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve Collaborative Research: Creating Learning Systems with Mobile Technology47.R0123708033Collaborative Research: CRAEK: Evaluating the Larsen Basin's Suitability for testing the Creaceous Glaciation Hypothesis47.R0124146066I-Corps: Huorogenic Dyes and Fluorogenic Linkers as fnabiling Tools for Bioconjugation Technology47.R0124750343Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.R0124750315Support O Took Matter Silver Components Using Bano-Film Stow Wave Elements47.R0125251199CAREEK: Snap Rahor-Film Stow Wave Elements47.R0125251391Collaborative Research: The Cariaco Basin Oceanographic Time Series47.R0125261391of Coastal Landscapes and Estuarine Seascapes47.R014524677Oclaborative Research: The Cariaco Basin Oceanographic Time Series47.R01650002872)22DataNet Federation Consortium47.R052314791Self Regulation: High Cariaco Basin Oceanographic Time Series47.R05424350311Modeling Individual Differences in PISD47.R054403503612Modeling Individual Differences in PISD44.R0544-03503612Modeling Individual Differences in PISD44.R0544-03503612 <t< td=""><td></td><td></td><td></td><td>3,</td></t<>				3,
Coordination in Perioperative Services47.R0123708033SHE: Type II (NT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve47.R0123708033Collaborative Research: Caster, Evaluating the Larsen Basin's Suitability for testing the Creaceous Glaciation Hypothesis47.R0124146066I-Corps: Fluorogenic Dyes and Fluorogenic Linkers as Enabling Tools for Bioconjugation Technology47.R0124223747REU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.R01247503155Support of Dark Matter Silver Jubile SymposiumGradea Composites Derived from Hypothesis Nodes47.R012514579Career: Renewable Polymers and Composites Derived from Hypothesis Nodes47.R01252511999CAREER: Smart RF/Microwave Components Using Nano-Film Slow Wave Elements47.R0125399199Collaborative Research: The Cariaco Basin Coenographic Time Series47.R0125289199The PFL-TER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic779of Coastal Landscapes and Estuarine Sescapes47.R0125289199Designed Interfaces on Nanoparticies via ART Polymerization47.R01566002872)22Data Matter Ederation Consortium47.R0554-1027232S. Department of Veterans Affairs544-03503651Modeling Individual Differences in PTSD64.R0544-03503651Modeling Individual Differen		47.RD	1236761	124,
SH8: Type II (INT): Collaborative Research: Creating Learning Systems with Mobile Technology to Improve Coordination in Perioperative Services47.RD1247R0124780333Collaborative Research: EAGER: Evaluating the Larsen Basin's Suitability for testing the Cretaceous Glaciation Hypothesis47.RD124223744RUS Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD124750315Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD125261199CAREER: Simulation Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125261199CAREER: Simular RE/Microwave Components Using Nano-Filis Now Wave Elements47.RD125261199Caref enewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125261199CAREER: Simular RE/Microwave Components Using Nano-Filis Now Wave Elements47.RD125261199Caref enewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125261199Caref enewable Polymers and Enospitem Sim Shaping Ecological Process in a Mosaic47.RD12526197Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD126002872)22Total National Science Foundation47.RD126002872)22DataNet Federation Consortium47.RD544-03503621Modeling Individual Differences in PTSD64.RD544-03503621Modeling Individual Differences in PTSD64.RD544-035036<				
Cordination in Perioperative Services47.RD123708033Collaborative Research: EAGER: Evaluating the Larsen Basin's Suitability for testing the Cretaceous Glaciation Hypothesis47.RD124126066I-Corps: Fluorogenic Dyes and Fluorogenic Linkers as Enabling Tools for Bioconjugation Technology47.RD124223747REU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD1247503155Support of Dark Matter Silver Jubiles Symposium47.RD125145795Career: Renewable Polymers and Comports Derived from Hydrocarbon-Rich Natural Resin47.RD125392977Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125392977Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125392977Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125392192Of Coastal Landscapes and Estuarine Seascapes47.RD4526677Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD4524677Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD544-03503652DataNet Federation Consortium47.RD544-03503651Modeling Individual Differences in PTSD64.RD544-03503651Modeling Individual Differences in PTSD64.RD544-03503651Modeling Individual Differences in PTSD64.RD544-03503651Modeling Individual Differences in PTSD64.RD544-035036 <td></td> <td>47.RD</td> <td>1237080</td> <td>31,</td>		47.RD	1237080	31,
Collaborative Research: EAGER: Evaluating the Larsen Basin's Suitability for testing the Cretaceous Glaciation Hypothesis47.RD12416066I-Corps: Fluorogenic Dyes and Fluorogenic Linkers as Enabling Tools for Bioconjugation Technology47.RD124223747.RDREU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD1247503124Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD1247503125Support of Dark Matter Silver, Jubiles Symposium47.RD12514579Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD1253927Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD12539919The PIE-TER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic064.RD5424677Otablabartis Celevation Construin47.RD1252891227Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47.RD524677Soldering Individual Differences in PTSD64.RD544-0350362Modeling Individual Differences in PTSD64.RD544-035036		47.00	1227000	22
I-Corps: Fluoragenic Dyes and Fluoragenic Linkers as Enabling Tools for Bioconjugation Technology47. RD1242237REU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47. RD1247503151Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47. RD12547503151Support of Dark Matter Silver Jubiles Symposium47. RD125261199Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47. RD125329277Collaborative Research: The Cariaco Basin Oceanographic Time Series47. RD125389190Collaborative Research: The Cariaco Basin Oceanographic Time Series47. RD125261190Collaborative Research: The Set To Polymerization47. RD53714790Designed Interfaces on Nanoparticles via RAFT Polymerization47. RD5371479090Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47. RD544-035036529090Modeling Individual Differences in PTSD64. RD544-0350365250 <td></td> <td></td> <td></td> <td>32, 67,</td>				32, 67,
REU Supplement: Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD1247503151Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47.RD1251457151Support of Dark Matter Silver Jubilee Symposium47.RD125261199Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125261199CAREER: Smart R/Microwave Components Using Nano-Film Slow Wave Elements47.RD125399197Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125899197The PIE-LTER: Interactions Between External Drivers, Human and Ecosystems in Shaping Ecological Process in a Mosaic1056002872)22Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD15(Go02872)22DataNet Federation Consortium5371479595Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47.RD544-03503496Modeling Individual Differences in PTSD64.RD544-03503621Modeling Individual Differences in PTSD64.RD544-03503621				4,
Novel Beam Steering Apertures and Waveforms for High Capacity Broadband Wireless Nodes47. RD1247503151Support of Dark Matter Silver Jubilee Symposium47. RD125145712Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47. RD125261199CAREER: Smart RF/Microwave Components Using Nano-Film Slow Wave Elements47. RD125392977Collaborative Research: The Caraco Basin Oceanographic Time Series47. RD125392977The PIE-LTER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic77. RD4524677Designed Interfaces on Nanoparticles via RAFT Polymerization47. RD1(GG002872)22DataNet Federation Consortium5-3714755Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47. RD540-350344Modeling Individual Differences in PTSD64. RD544-03503655Modeling Individual Differences in PTSD64. RD544-03503615Modeling Individual Differences in PTSD64. RD544-03503615Modeling Individual Differences in PTSD64. RD544-03503615Modeling Individual Differences in PTSD64. RDVETERANS ADM4Decreased CNS Leptin Activity in Comorbid Obesity and Depression64. RDVETERANS ADM1Decreased CNS Leptin Activity in Comorbid Obesity and Depression64. RDWIB DORN VA MED5Specific Variables/Indicators within the VINC				-,
Support of Dark Matter Silver Jubilee Symposium47. R01251457125Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47. R0125261199CAREER: Smart RF/Microwave Components Using Nano-Film Slow Wave Elements47. R0125392977Collaborative Research: The Cariace Basin Oceanographic Time Series47. R0125392977Collaborative Research: The Cariace Basin Oceanographic Time Series47. R0125899167The PIE-LTRE: Interactions Between External Orivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic47. R04524677Designed Interfaces on Nanoparticles via RAFT Polymerization47. R053714728DataNet Federation Consortium47. R053714728Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47. R054-03503440Modeling Individual Differences in PTSD64. R0544-03503651Modeling Individual Differences in PTSD64. R0544-03503622Modeling Individual Differences in PTSD64. R0544-03503964Decreased CNS Leptin Activity in Comorbid Obesity an				158,
Career: Renewable Polymers and Composites Derived from Hydrocarbon-Rich Natural Resin47.RD125261192CAREER: Smart RF/Microwave Components Using Nano-Film Slow Wave Elements47.RD125392977Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125392977Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD4524677Ocoastal Landscapes and Estuarine Seascapes47.RD10GG002872)22Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD5-3714795Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD5-3714795Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47.RD5-3714795Solepartment of Veterans Affairs14.94959494Modeling Individual Differences in PTSD64.RD544-03503692Modeling Individual Differences in PTSD64.RD544-03503622Modeling Individ				5,
CAREER: Smart RF/Microwave Components Using Nano-Film Slow Wave Elements47.RD125392972Collaborative Research: The Cariaco Basin Oceanographic Time Series47.RD125399158The PIE-LFR: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic47.RD4524674Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD1(G6002872)22DataNet Federation Consortium47.RD5-3714758Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47.RD544-03503447So Deartment of Veterans Affairs544-0350344745Modeling Individual Differences in PTSD64.RD544-03503654Modeling Individual Differences in PTSD64.RD544-03503652Modeling Individual Differences in PTSD <t< td=""><td></td><td></td><td></td><td>99,</td></t<>				99,
The PIE-LTER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic 47.RD 45246 77 Of Coastal Landscapes and Estuarine Seascapes 47.RD 45246 77 Designed Interfaces on Nanoparticles via RAFT Polymerization 47.RD 5-37147 20 DataNet Federation Consortium 47.RD 5-37147 20 Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification 47.RD 55.1127223 Total National Science Foundation 47.RD 544-D35036 20 S. Department of Veterans Affairs 64.RD 544-D35036 21 Modeling Individual Differences in PTSD 64.RD 544-D35036 21				71,
of Coastal Landscapes and Estuarine Seascapes47.RD4524677Designed Interfaces on Nanoparticles via RAFT Polymerization47.RD1(GG002872)22DataNet Federation Consortium5-3714725Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47.RD5-3714725Total National Science Foundation47.RD5-3714725S. Department of Veterans Affairs47.RD544-D3503625Modeling Individual Differences in PTSD64.RD544-D3503622Modeling Individual Differences in PTSD64.RD544-D3503622IPA for Xiaoming Yang64.RDVETERANS ADM44IPA for Xiaoming Yang64.RDWiB DORN VA MED24Va/PA/Eather M. SmithVVICI data Systems IPA-WJB Dorn VA64.RDWJB DORN VA MEDVA/PA/PAIDers Wills64.RDDORN VA MED24VA/PA/Atong64.RDDORN VA MED24VA/PA/Atong64.RDWJB DORN VA MED24VA/PA/Atong64.RDDORN VA MOSPITA24			1258991	9,
Designed Interfaces on Nanoparticles via RAFT Polymerization47. RD1(GG002872)22Data Net Federation Consortium47. RD5-371475Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47. RD5-371475Total National Science Foundation47. RD5ES-11272231S. Department of Veterans Affairs544-0350344Modeling Individual Differences in PTSD64. RD544-03503655Modeling Individual Differences in PTSD64. RD544-03503655Modeling Individual Differences in PTSD64. RD544-03503622Modeling Individual Differences in PTSD64. RDVB DORN VA MED30Decreased CNS Leptin Activity in Comorbid Obesity and Depression64. RDVB DORN VA MED30IPA for Xiaoming Yang64. RDWJB DORN VA MED30Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64. RDWJB DORN VA MED30VA/PA/EXAMPH64. RDWJB DORN VA MED303030	The PIE-LTER: Interactions Between External Drivers, Humans and Ecosystems in Shaping Ecological Process in a Mosaic			
DataNet Federation Consortium47.RD5-371475-37147Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification47.RD5-371475Total National Science Foundation14.942S. Department of Veterans Affairs14.942Modeling Individual Differences in PTSD64.RD544-D350345Modeling Individual Differences in PTSD64.RD544-D3503612Modeling Individual Differences in PTSD64.RDVETERANS ADM40Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVIB DORN VA10PA for Xiaoming Yang64.RDWIB DORN VA13Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED14VA/PA/Easter W. Smith64.RDDORN VA HCSPITA11VA/PA/Easter W. Smith64.RDDORN VA HCSPITA11VA/PA/Pang64.RDDORN VA HCSPITA11VA/PA/Pang64.RDDORN VA HCSPITA11VA/PA/Pang64.RDWIB DORN VA	of Coastal Landscapes and Estuarine Seascapes	47.RD	45246	78,
Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification 47. RD SES-1127223 Total National Science Foundation 14,943 S. Department of Veterans Affairs 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Modeling Individual Differences in PTSD 64. RD 544-D35036 544 Decreased CNS Leptin Activity in Comorbid Obesity and Depression 64. RD VETERANS ADM 64 Decreased CNS Leptin Activity in Comorbid Obesity and Depression 64. RD WIB DORN VA 544 VA/PA / Stare Mettaway 64. RD WIB DORN VA MED 544 VA/PA/Eather M. Smith VIND CI data Systems (IPA Agreement) 64. RD WIB DORN VA MED 544	Designed Interfaces on Nanoparticles via RAFT Polymerization	47.RD	1(GG002872)	23,
Total National Science Foundation14,947S. Department of Veterans AffairsModeling Individual Differences in PTSD64,RD544-D3503464Modeling Individual Differences in PTSD64,RD544-D35036517Modeling Individual Differences in PTSD64,RD544-D35036517Decreased CNS Leptin Activity in Comorbid Obesity and Depression64,RDVETERANS ADM517Decreased CNS Leptin Activity in Comorbid Obesity and Depression64,RDWIB DORN VA338Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64,RDWJB DORN VA MED517VA/PA: Star Pettaway64,RDDORN VA HOSPITA517527VA/PA: Star Pettaway64,RDDORN VA HOSPITA517VA/PA: Yang64,RDDORN VA HOSPITA517VA/PA: Yang64,RDDORN VA HOSPITA517VA/PA: Yang64,RDWIB DORN VA MED518VA/PA: Yang64,RDWIB	DataNet Federation Consortium			9,
S. Department of Veterans Affairs Modeling Individual Differences in PTSD 64.RD 544-D35036 55 Modeling Individual Differences in PTSD 64.RD 544-D35036 51 Modeling Individual Differences in PTSD 64.RD 544-D35036 51 Modeling Individual Differences in PTSD 64.RD 544-D35036 22 Decreased CNS Leptin Activity in Comorbid Obesity and Depression 64.RD VETERANS ADM 44 IPA for Xiaoming Yang 64.RD WIB DORN VA MED 32 Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA 64.RD WJB DORN VA MED 32 VA/PA: Sara Pettaway 64.RD DORN VA MED 32 33 VA/PA: Sara Pettaway 64.RD DORN VA HOSPITA 32 VA/PA/Chong 64.RD DORN VA HOSPITA	Self-Regulation: Effectiveness, Regulatory Holiday and Third Party Certification	47.RD	SES-1127223	
Modeling Individual Differences in PTSD64.RD544-D3503654Modeling Individual Differences in PTSD64.RD544-D3503654Modeling Individual Differences in PTSD64.RD544-D3503612Modeling Individual Differences in PTSD64.RD544-D3503612Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RD544-D3503612Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM14IPA for Xiaoming Yang64.RDWIB DORN VA MED32Identification and location of specific variables/indicators within the VINCI data systems IPA-WIB Dorn VA64.RDWIB DORN VA MED32Va/PA: Sara Pettaway64.RDDORN VA HOSPITA12VA/PA: Sara Pettaway64.RDDORN VA HOSPITA12VA/PA/Zhong64.RDWIB DORN VA MED14VA/PA/Zhong64.RDWIB DORN VA MED14VA/PA/Zhong64.RDWIB DORN VA MED14VA/IPA/PNAGARKATTI64.RDWIB DORN VA MED14VA/IPA/PNAGARKATTI64.RDWIB DORN VA MED14VA/IPA/Chong64.RDWIB DORN VA MED14VA/IPA/Chong64.RDWIB DORN VA MED	Total National Science Foundation			14,943,
Modeling Individual Differences in PTSD64.RD544-D35034544Modeling Individual Differences in PTSD64.RD544-D3503654Modeling Individual Differences in PTSD64.RD544-D3503612Modeling Individual Differences in PTSD64.RD544-D3503612Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RD544-D3503612Decreased CNS Leptin Activity in comorbid Obesity and Depression64.RDVETERANS ADM14IPA for Xiaoming Yang64.RDWIB DORN VA MED32Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED33Va/PA: Sara Pettaway64.RDDORN VA HOSPITA12Va/PA: Sara Pettaway64.RDDORN VA HOSPITA12Va/PA/Zhong64.RDWJB DORN VA MED14Va/PA/Zhong64.RDWJB DORN VA MED14Va/IPA/PNAGARKATTI64.RDWJB DORN VA MED14Va/IPA/PNAGARKATTI64.RDWJB DORN VA MED14Va/IPA/PNAGARKATTI64.RDWJB DORN VA MED14Va/IPA/PNAGARKATTI64.RDWJB DORN VA MED14Va/IPA/IPA/IPA/IPA/IPA/IPA/IPA/IPA/I	E Denortment of Veterane Affeire			
Modeling Individual Differences in PTSD64.RD544-D35036544Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503611Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM41Decreased CNS Leptin Activity in comorbid Obesity and Depression64.RDWIB DORN VA31Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED33Specific Variables/Indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED33VA/PA: Sara Pettaway64.RDDORN VA HOSPITA14VA/PA/Long64.RDWJB DORN VA MED14VA/PA/Zhong64.RDWJB DORN VA MED14VA/IPA/Zhong64.RDWJB DORN VA MED14VA/IPA/Tolic>64.RDWJB DORN VA MED14VA/IPA/Sara Pettaway64.RDWJB DORN VA MED14VA/IPA/Zhong64.RDWJB DORN VA MED14VA/IPA/Zhong64.RDWJB DORN VA MED14VA/IPA/Sara Pettaway64.RDWJB DORN VA MED14VA/IPA/Sara Pettaway64.RDWJB DORN VA MED14VA/IPA/Zhong64.RD <t< td=""><td></td><td>64 PD</td><td>544-025024</td><td>4</td></t<>		64 PD	544-025024	4
Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503621Modeling Individual Differences in PTSD64.RD544-D3503911Modeling Individual Differences in PTSD64.RD544-D3503911Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM11PA for Xiaoming Yang64.RDWIB DORN VA11PA for Xiaoming Yang64.RDWIB DORN VA13Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED13Ya/PA /Sara Pettaway64.RDDORN VA MED14VA/PA/Eather M. SmithDORN VA HOSPITA11VA/PA/Long64.RDDORN VA HOSPITA11VA/PA/Long64.RDWJB DORN VA MED14VA/PA/Long64.RDWJB DORN VA MED14VA/PA/Long64.RDDORN VA HOSPITA11VA/PA/Long64.RDWJB DORN VA MED14VA/PA/Long64.RDWJB DORN VA MED14V				55,
Modeling Individual Differences in PTSD64.RD544-D3503622Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503901Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM11IPA for Xiaoming Yang64.RDWIB DORN VA14Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED12Specific Variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED14VA/PA/Sara Pettaway64.RDWJB DORN VA MED14VA/PA/Letther M. SmithDORN VA HOSPITA14VA/PA/Long64.RDWJB DORN VA MED14VA/PA/Long64.RDWJB D	-			11,
Modeling Individual Differences in PTSD64.RD544-D3503611Modeling Individual Differences in PTSD64.RD544-D3503964Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM14Decreased CNS Leptin Activity in comorbid Obesity and Depression64.RDVETERANS ADM14IPA for Xiaoming Yang64.RDWJB DORN VA34Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED34Specific Variables/Indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED34VA/PA: Sara Pettaway64.RDDORN VA HOSPITA11VA/PA/Chong64.RDDORN VA HOSPITA11VA/PA/Zhong64.RDWJB DORN VA MED11VA/IPA/Zhong64.RDWJB DORN VA MED11VA/IPA/Zhong64.RDWJB DORN VA MED11VA/IPA/Zhong64.RDWJB DORN VA MED11VA/IPA/Zhong64.RDWJB DORN VA MED11VA/IPA/SARKATTI64.RDWJB DORN VA MED11VA/IPA/SARKATTI64.RDWJB DORN VA MED12VA/IPA/SARKATTI64.RDWJB DORN VA MED12VA/IPA/SARKATTI64.RDWJ				22,
Modeling Individual Differences in PTSD64.RD544-D3503964Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM64Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM64Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM64Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDWJB DORN VA64Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDWJB DORN VA64Jef or Xiaoming Yang64.RDWJB DORN VA MED64Specific Variables/Indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED64Specific Variables/Indicators within the VINCI data Systems (IPA Agreement)64.RDDORN VA MED64VA/PA:Sara Pettaway64.RDDORN VA HOSPITA11VA/PA/Zhong64.RDDORN VA HOSPITA11VA/PA/Zhong64.RDWJB DORN VA MED11VA/IPA/PNAGARKATTI64.RDWJB DORN VA MED11VA/IPA/TIO:Decreased CNS Leptin Activity in Co-morbid Depression and Obesity64.RDWJB DORN VA MED81VA/IPA: Ashley Logan64.RDUNB DORN VA MED81VA/IPA: Ashley Logan64.RDDORN VA HOSPITA24				, 11,
Decreased CNS Leptin Activity in Comorbid Obesity and Depression64.RDVETERANS ADM14IPA for Xiaoming Yang64.RDWIB DORN VA33Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED33Specific Variables/Indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED33Va/PA: Sara Pettaway64.RDDORN VA HOSPITA14VA/PA/Heather M. Smith64.RDDORN VA HOSPITA14VA/PA/Zhong64.RDWJB DORN VA MED14VA/PA/Zhong64.RDWJB DORN VA MED14VA/PA/RAGRKATTI64.RDWJB DORN VA MED14VA/PA/Racher US64.RDWJB DORN VA MED14VA/PA/Sara Pettaway64.RDWJB DORN VA MED14VA/PA/Zhong64.RDWJB DORN VA MED14VA/PA/Zhong64.RDWJB DORN VA MED14VA/PA/Sara Pettaway64.RDWJB DORN VA MED14VA/PA/Sara Pettaway64.RDWJB DORN VA MED14VA/PA/Shong64.RDWJB DORN VA MED14VA/PA/Sara Pettaway64.RDWJB DORN VA MED14 <td< td=""><td></td><td></td><td></td><td>6,</td></td<>				6,
IPA for Xiaoming Yang64.RDWJB DORN VA34Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA64.RDWJB DORN VA MED55Specific Variables/Indicators within the VINCI data Systems (IPA Agreement)64.RDWJB DORN VA MED55VA/PA: Sara Pettaway64.RDDORN VA HOSPITA11VA/PA/Heather M. Smith64.RDDORN VA HOSPITA11VA/PA/Zhong64.RDWJB DORN VA MED11VA/IPA/Zhong64.RDWJB DORN VA MED11VA/IPA/PNAGARKATTI64.RDWJB DORN VA MED11IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity64.RDWJB DORN VA MED81VA/IPA: Ashley Logan64.RDDORN VA HOSPITA24	Decreased CNS Leptin Activity in Comorbid Obesity and Depression	64.RD	VETERANS ADM	4,
Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA 64.RD WJB DORN VA MED 5 Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) 64.RD WJB DORN VA MED 5 VA/PA: Sara Pettaway 64.RD DORN VA HOSPITA 1 VA/PA/Lasther M. Smith 64.RD DORN VA HOSPITA 1 VA/PA/Long 64.RD WJB DORN VA MED 1 VA/IPA/PNAGARKATTI 64.RD WJB DORN VA MED 1 PA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity 64.RD WJB DORN VA MED 1 VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 2	Decreased CNS Leptin Activity in Comorbid Obesity and Depression	64.RD	VETERANS ADM	16,
Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) 64.RD WJB DORN VA MED 24.VPA: Sara Pettaway 64.RD DORN VA HOSPITA VA/PA: Sara Pettaway 64.RD DORN VA HOSPITA 12. VA/PA/Leather M. Smith 64.RD DORN VA HOSPITA 12. VA/PA/Zhong 64.RD WJB DORN VA MED 10. VA/PA/Shong 64.RD WJB DORN VA MED 10. VA/IPA/PNAGARKATTI 11. 11. 11. IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity 64.RD WJB DORN VA MED 81. VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24.		64.RD	WJB DORN VA	36,
VA/PA: Sara Pettaway 64.RD DORN VA HOSPITA VA/PA: Sara Pettaway 64.RD DORN VA HOSPITA 1 VA/PA/Heather M. Smith 64.RD DORN VA HOSPITA 1 VA/PA/Zhong 64.RD WIB DORN VA HOSPITA 1 VA/PA/Zhong 64.RD WIB DORN VA MED 10 VA/PA/SAGARKATTI 64.RD WIB DORN VA MED 10 VA/IPA/: NaGARKATTI 64.RD WIB DORN VA MED 80 VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24	IPA for Xiaoming Yang	64.RD	WJB DORN VA MED	7,
VA/PA/Heather M. Smith 64.RD DORN VA HOSPITA 11 VA/PA/Zhong 64.RD WIB DORN VA MED 11 VA/PA/IPANGARKATTI 64.RD WIB DORN VA MED 11 IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity 64.RD WIB DORN VA MED 51 VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24				3,
VA/PA/Zhong 64.RD WJB DORN VA MED 10 VA/IPA/PNAGARKATTI 64.RD WJB DORN VA MED 51 IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity 64.RD WJB DORN VA MED 58 VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement)	64.RD		
VA/IPA/PAGARKATTI 64.RD WJB DORN VA MED 51 IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity 64.RD WJB DORN VA MED 80 VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) VA/PA: Sara Pettaway	64.RD 64.RD	DORN VA HOSPITA	
IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity 64.RD WJB DORN VA MED 80 VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) VA/PA: Sara Pettaway VA/PA/Heather M. Smith	64.RD 64.RD 64.RD	DORN VA HOSPITA DORN VA HOSPITA	
VA/IPA: Ashley Logan 64.RD DORN VA HOSPITA 24	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) VA/PA: Sara Pettaway VA/PA/Heather M. Smith VA/PA/Zhong	64.RD 64.RD 64.RD 64.RD	DORN VA HOSPITA DORN VA HOSPITA WJB DORN VA MED	10,
	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) VA/PA: Sara Pettaway VA/PA/Pheather M. Smith VA/PA/Phong VA/IPA/PNAGARKATTI	64.RD 64.RD 64.RD 64.RD 64.RD	DORN VA HOSPITA DORN VA HOSPITA WJB DORN VA MED WJB DORN VA MED	10, 1,
vayira: Heatner Doviak 64.RD DORN VA HOSPITA 1.	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) VA/PA: Sara Pettaway VA/PA/Pheather M. Smith VA/PA/Zhong VA/IPA/PNAGARKATTI IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity	64.RD 64.RD 64.RD 64.RD 64.RD 64.RD	DORN VA HOSPITA DORN VA HOSPITA WIB DORN VA MED WIB DORN VA MED WIB DORN VA MED	10, 1, 80,
	Identification and location of specific variables/indicators within the VINCI data systems IPA-WJB Dorn VA Specific Variables/Indicators within the VINCI data Systems (IPA Agreement) VA/PA: Sara Pettaway VA/PA/Lasther M. Smith VA/PA/Zhong VA/IPA/PNAGARKATTI IPA Dr. Grillo: Decreased CNS Leptin Activity in Co-morbid Depression and Obesity VA/IPA: Ashley Logan	64.RD 64.RD 64.RD 64.RD 64.RD 64.RD 64.RD 64.RD	DORN VA HOSPITA DORN VA HOSPITA WJB DORN VA MED WJB DORN VA MED WJB DORN VA MED DORN VA HOSPITA	17, 10, 1, 80, 24,

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
reactal grantor/pass-un odgi grantor/progrant due	number	Grant number	Expenditures
Environmental Protection Agency			
Passed through programs from:			
South Carolina Research Foundation Targeting High-Content Imaging Assessments of Aberrant G-Protein-Coupled Estrogen Receptor (GPER) Activation			
During Vertebrate Embryogenesis	66.RD	83516901	293,7
Total Environmental Protection Agency			293,7
			233,7
J.S. Nuclear Regulatory Commission			
Passed through programs from: South Carolina Research Foundation			
University of South Carolina Next Generation Nuclear Engineer Fellowship Program	77.RD	NRC-38-10-956	68,3
University of South Carolina Nuclear Engineering Faculty Excellence Program	77.RD	NRCHQ11G380009	171,4
A Course on Risk Analysis with Application to the Current and New Nuclear Plants and Fuel Cycle Facilities	77.RD	NRCHQ-11G380058	28,8
Total U.S. Nuclear Regulatory Commission			268,6
.S. Department of Energy			
Electron-Positron Physics with Belle II	81.RD	DOE	2,6
Cultural Resource Management on the Savannah River Site	81.RD	DEFC0998SR18931	340,2
Transport Behavior of Superconductors at High Dissipative Currents South Carolina Institute of Archaeology and Anthropology Cooperative Agreement DE-EM0002875 Savannah River	81.RD	DEFG0299ER45763	115,6
Archaeological Research Program	81.RD	DE-EM0002875	501,3
An Experimental and Modeling Study of Nox-CO Formation in High Hydrogen Content (HHC) Fuel Combustion in Gas			551,
Turbine Applications	81.RD	DE-FE0012005	91,
U3Si2 Fabrication and Testing for Implementation into the BISON Fuel Performance Code	81.RD	DE-NE-0000725	48,
Structural Health Monitoring of Nuclear Spent Fuel Storage Facilities	81.RD	DE-NE-0000726	15,
Energy Frontier Physics: Experimental Particle Physics research to be done using the ATLAS detector at CERN	81.RD	DE-SC0010071	28,
Experimental Neutrino Physics	81.RD	DE-SC0010073	304,
Hadronic Parity Violation in Few-nucleon Systems	81.RD	DE-SC0010300	74,
Joint Faculty Appointment of Dr. Schindler Passed through programs from:	81.RD	4000104656	23,
South Carolina Research Foundation			
Novel Methods of Tritium Sequestration: High Temperature Gettering and Separation Membrane Materials			
Discovery for Nuclear Energy Systems	81.RD	00102125	129,
High Hydrogen content Epitaxial Graphene Hydride on SiC & High Cross-Section Cladding Coatings for Fast Neutron Detection	81.RD	00126542	122,
Controlling Structural, Electronic and Energy Flow Dynamics of Catalytic Processes through Tailored Nanostructures	81.RD	24086040	36,
Area of Interest B2: Bench-Scale Development and Testing of Rapid PSA for CO2 Capture	81.RD	4802004289	522,
Understanding the Structure-Property Relationships in Polybenzimidazole Films for High-Temperature Gas Separations	81.RD	86267-001-10	3,
Using RULLI for Salt Marsh Bathymetry	81.RD	86177-001-11	(3,
Engineering Multicatalytic Enzyme Assemblies for Efficient Biomass Conversion to Fuels	81.RD	6956	(1,
Processing and Interpretation of TGS-NOPEC Industry Seismic Data and Integration with Existing	81.RD	09-08-019	2
Surface-Source/Dep-Receiver (SSDR) High Resolution Seismic Data at MC118, Gulf of Mexico Enriched Boron-Doped Amorphous Selenium Based Position-Sensitive Solid- State	01.KD	09-06-019	2,
Thermal Neutron Detector for MPACT Applications	81.RD	120563	238,
Fabrication of Dual SERS/SEIRA Sensors for DOE Applications	81.RD	4000111778	,
Optimization of the Dual SERS/SEIRA Sensors for ORNL Applications	81.RD	4000120496	2,
Consortium for Advanced Simulation of Light Water Reactors (CASL)	81.RD	2011-0028-02	3,
Accurate Holdup Calculations with Predictive Modeling & Data Integration	81.RD	2012-1588-02	119,
ODS Steel Consolidation by Friction Extrusion: Phase 2	81.RD	179174	14,
DIRC - based PIC for the EIC Central Detector	81.RD	218624	11,
Development of Ultra Low Platinum Alloy Cathode Catalyst for PEM Fuel Cells	81.RD	DE-EE0000460	615,
Topic 4A Transport Studies in Modeling in PEM Cell Stack - subcontract to Giner Electrochemical Systems, LLC	81.RD	DE-EE0000471	124,
University of South Carolina Aiken Biofuels Laboratory in Aiken, SC	81.RD	DE-EE0003152	97,
High Performance and Stable Pr2Nio4 as the Cathode for Solid Oxide Fuel Cells	81.RD	DE-FEOOO0303	35,
Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage Geologic Characterization of the South Georgia Rift Basin for Source Proximal CO2 Storage	81.RD 81.RD	DE-FE0001965 DE-FE0001965	14, 980,
Predicting Ice Sheet and Climate Evolution at Extreme Scales (PISCEES)	81.RD	DE-SC0008087	109,
Theoretical Investigation of Heterogeneous Catalysis at the Solid Interface for the	01.110	52 50000007	100)
Conversion of Lignocellulosic Biomass Model Molecules	81.RD	DE-SC0007167	149,
Experimental Particle Physics (ATLAS)	81.RD	DEFG0295ER40910	2,
Experimental Particle Physics (BaBar Activities)	81.RD	DEFG0295ER40910	-
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems			
Administrative Core (Parent Account)	81.RD	DE-SC0001061	1,553,
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	169,
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	159,
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	204,
Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems Science Based Nano-Structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems	81.RD	DE-SC0001061	76,
Science Based Nano-structure Design and Synthesis of Heterogeneous Functional Materials for Energy Systems (Education Core)	81.RD	DE-SC0001061	44,
Fundamental Neutron Physics: Theory and Analysis	81.RD	DE-SC0001001	44, 58,
Structure-Composition-Property Relationships of Complex Bismuth Oxide Based Photocatalysts	81.RD	DE-SC0001478	12,
A Synthetic Strategy to Prepare New Complex Uranium and Thorium Containing Oxides: Predictive Solid State Synthesis of New Composition Using Radius Ratio Rules and Materials Discovery based on Crystal Growth from High Temperature			,
Solutions	81.RD	DE-SC0008664	279,
Assembly and Testing of the Forward Time-of-Flight Panel-1b For Clas12	81.RD	JSA-11-C1237	70,4
Microstructure and Property Evolution in Advanced Cladding and Duct Materials Under			,
Long-Term and Elevated Temperature Irradiation: Modeling and Simulation	81.RD	ORA110125001.03	52,3

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditure
reueral grantor pass-un ough grantor program title		Grant humber	Expenditure
J.S. Department of Energy, continued			
South Carolina Universities Research and Education Foundation			
Nuclear Forensics Junior Faculty Award Program-DHS	81.RD	DENE008	3
Expert Assistance in the Study of Historical Earthquakes Affecting the SRS	81.RD	B139001	3
Ceramic Membrane Characterization	81.RD 81.RD	B139006 SRNS002	4
Expert Assistance in the Study of Historical Earthquakes Affecting the SRS Uranium Particle Characterization	81.RD 81.RD	SRNS002	11
Development of A Graduate Course on Nuclear Safeguards	81.RD	SRNS13/SCN0015	18
The Foundation for Earth Science	61.ND	5111515/5010015	10
Evaluating the ESIP Ontologies for Mapping and Reconcillation	81.RD	FD on Earth Science	
South Carolina Department of Natural Resources	01.00	10 on Earth Science	
South Carolina Coastal Plain Basement Mapping Project	81.RD	1400810	
Medical University of South Carolina	01110	1100010	
Electroalcoholgenesis: Bioelectrochemical Reduction of CO2 to Butanol	81.RD	MUSC10-062	(10
GAS Technology Institute			(
Nano-Valved Adsorbents for CH4 Storage	81.RD	DE-AR0000247	145
Gen4 Energy, Inc			
USC-G4M LBE Natural Circulation Experimental Facility	81.RD	DE-FOA-0000818	130
Jefferson Science Associates, LLC			
JSA/Jefferson Lab Graduate Fellowship Award 2013/2014	81.RD	JCA LLC/DOE	13
JSA/Jefferson Lab Graduate Fellowship Award 2012/13	81.RD	JSA/DOE	:
Morris College			
Morris College-University of South Carolina Mentoring Program	81.RD	PO20811	
Morris College - USC Mentoring Program	81.RD	MORRIS COLLEGE	55
Morris College - USC Mentoring Program	81.RD	MORRIS COLLEGE	40
University of California, Berkeley	01110		
Developing Ultra-small Scale Mechanical Testing Methods and Microstructural investigation Procedures for Irradiated			
Materials, FC-2.1: Characterization and Instrumentation	81.RD	8385	1:
University of Central Florida	01110	0505	-
GEARED - FEEDER: Foundations for Engineering Education for Distributed Energy Resources	81.RD	DE-EE0006340	
University of Michigan	01.00	DE 220000540	
High Fidelity Ion Beam Simulation of High Dose Neutron Irradiation	81.RD	3002964978	23
University of Tennessee	01.00	5002504570	2.
Neutron Scattering Research Network for EPSCoR States	81.RD	A09-0361-S004	54
Sandia National Laboratories	01.KD	A09-0501-5004	5
	81.RD	1358097	3.
High Strain Rate Characterization of Foams Using Shock Tube	01.ND	1338097	3
UT-Battelle, LLC	01.00	4000129973	2
Majorana Demonstrator Program	81.RD	4000129973	2
Los Alamos National Laboratory	04.00	442470	0
Fabrication and Characterization of Semi-insulating Silicon Carbide Sensors for Low-energy X-ray Detection	81.RD	143479	80
Facility Modeling for Separations and Safeguards	81.RD	270137	3
Savannah River Nuclear Solutions	04.00	10000555	
Marketing Assessment of SRNS Intellectual Property, Project I	81.RD	AC90255S	
Total U.S. Department of Energy			8,459
S. Department of Education			
•	84 RD	R3054130/67	28
Developing an Online Tutor for Accelerating High School Vocabulary Learning	84.RD	R305A130467	28
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from:	84.RD	R305A130467	288
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation			
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS)	84.RD	541821-78004	22
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration	84.RD 84.RD	541821-78004 H133G090036	22 1
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE)	84.RD	541821-78004	22 1
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and	84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027	22: 11 16
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool	84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104	22: 11 16 28
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD	84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027	22: 11 16 28
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education	84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003	22: 11 16 28: 44:
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213	22: 11 16: 28: 44:
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213	22: 1: 16: 28: 44: 1: 9:
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212	22: 14 16 28 44 11 9 9 15
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment of fducation Step, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213	22: 14 16 28 44 11 9 9 15
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212	222 11 166 288 444 11 99 155
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Ceorgia Institute of Technology Telerobotics Research	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212	222 11 166 288 444 11 99 155
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District Five	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI	222 11 16 288 44! 19 9 9 155
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District 5's Project ACCESS	84. RD 84. RD 84. RD 84. RD 84. RD 84. RD 84. RD 84. RD 84. RD 84. RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008212 H63010008212 H63010008212 RE220-GI 156809	222 11 166 288 444 12 15 5 5
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District 5's Project ACCESS Evaluation of Lexington-Richland School District 5's Project ACCESS	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI	222 11 166 288 444 12 15 5 5
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Sumpties Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simples Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simples Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simples Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simples Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simples Science Inquiry through Modeling Pedagogy, Science Inquiry through Science Inquir	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809	222 11 16 28% 444 11% 99 15% 55 55 11
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment of Education Step, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District Five Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609	222 11 16 28% 44; 15; 15; 5; 5; 11 3;
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District Tive Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Ickington-Richland School District Tive Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609 14009609	222 11 16 288 444 19 99 155 15 15 15 15 15 15 11 13 11 11
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Lexington-Richland School District 5's Project ACCESS Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609 14009609 14009609	222, 11 16 288 444 11 9 9 155 5 5 5 1 1 3 3 1 2 2
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District Tive Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Ickington-Richland School District Tive Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609 14009609	222, 11 16 288 444 11 9 9 155 5 5 5 1 1 3 3 1 2 2
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry thr	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609 14009609 14009609	222 11 16 288 444 12 9 9 155 5 5 5 5 1 1 3 3 1 1 2 2 16
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Lexington-Richland School District 5's Project ACCESS Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's International Baccalaureate Continuum Total U.S. Department of Education	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609 14009609 14009609	222 11 16 288 444 12 9 9 155 5 5 5 5 1 1 3 3 1 1 2 2 16
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment anong Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 STMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Lexington-Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's International Baccalaureate Continuum Total U.S. Department of Education S. Department of Health and Human Services	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 156809 14009609 14009609 14009609 PO#13004483	222 11 16 28 44 44 11 9 9 155 5 5 1 1 3 3 12 2 16 16 16 16
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Bichiand School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 R63010008212 RE220-GI 156809 156809 14009609 14009609 14009609 14009609 PO#13004483	222 11 16 28 44 44 15 15 15 15 15 15 15 15 15 15 15 15 15
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Lexington-Richland School District S's Project ACCESS Evaluation of Richland School District S's Project ACCESS Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's International Baccalaureate Continuum Total U.S. Department of Education Richand School District Two's International Baccalaureate Continuum FIAA Signment Agreement #13IPA1303285 Navegantes para Salud: Improving Healthcare Access and Utilization among Hispanic Women and Children	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 14009609 14009609 14009609 P0#13004483 13]PA1303285 1H0330895A	222 11 16 28 44 44 12 9 9 15 15 15 15 15 15 15 15 15 15 15 15 15
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simple Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simple Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simple Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Simple Science Inquiry through Modeling Pedagogy Content Learning, and Evaluation 2012-13 Simple Science Inquiry through Modeling Pedagogy Content Learning, and Evaluation 2012-13 Simple Science Inquiry Science Inguiry Science Inguiry Science Inguiry Science Inguiry Science Inguiry Science Inguiry Scienc	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 14009609 14009609 14009609 P0#13004483 13JPA1303285 H0330895A 5P20MD001770-07	222 11 160 288 444 99 159 8 55 12 159 8 4 4 22 160 2,024 9 4 4 21
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 Georgia Institute of Technology Telerobotics Research Evaluation of Lexington-Richland School District 5's Project ACCESS Evaluation of Lexington-Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation of Richland School District Two's Magnet Project: Full STEAM Ahead Evaluation	84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 14009609 14009609 14009609 P0#13004483 13]PA1303285 1H0330895A	222 10 166 288 448 155 8 2 2 155 15 155 15 155 15 15 15 15 15 15 15
Developing an Online Tutor for Accelerating High School Vocabulary Learning Passed through programs from: South Carolina Research Foundation Center for Adolescent Research in Schools (CARS) Investigating Environmental Factors Affecting Community Integration FY 2010 Application for New Awards under the Centers for International Business Education (CIBE) Validation of the Behavioral and Emotional Screening System for Early Identification and Intervention for Emotional and Behavioral Problems in Preschool Mediators of Social Impairment among Children with ADHD South Carolina Department of Education STEP, Science Teaching Enhancement Project 2013-14 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Science Inquiry through Modeling Pedagogy, Content Learning, and Evaluation 2012-13 SIMPLE, Scie	84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD 84.RD	541821-78004 H133G090036 P220A100027 R324A100104 R324A120003 H63010008213 H63010008213 H63010008212 H63010008212 RE220-GI 156809 14009609 14009609 14009609 P0#13004483 13JPA1303285 H0330895A 5P20MD001770-07	288 2222 10 166 289 448 92 159 8 44 52 17 39 12 27 166 2,026 5 44 428 4 36 6 2,026

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditure
reueral grantor/pass-un ougn grantor/program title		Grant number	Experiuture
J.S. Department of Health and Human Services, continued	02.00	51410050400	24
Progress Report: Predicting Autism through Behavioral and Biomakers of Attention in Infants	93.RD 93.RD	FMH095318B	31,
Cortical Areas Involved in Face Processing in Infants at Low-and High-Risk for Autism Spectrum Disorders Cannabidiol and Immunosuppression: Mechanism of Inductin and Role of MDSCs	93.RD 93.RD	FMH100802A K01DA034892	14, 33,
Improving Quality of Life for African Americans with Lupus	93.RD	KAR060026B	93,
Regulation of Macrophages in Obesity-Enhanced Colon Cancer: Benefits of Quercetin	93.RD	KAT007824A	136,
Expanding Mentoring Capacity in High-Risk Populations	93.RD	KCA136975B	116,
Control of Cocaine Seeking by Dj-dependent Modulation of NMDA Signaling	93.RD	KDA031747B	93,
Behavioral Health Care in Army Warrior Transition Units	93.RD	KDA037412A	20,
Reversal of Diabetes by PDX1-VP16 and Pax4-Induced Islet Regeneration	93.RD	KDK080884B	80,
Regulation of Mediator Release from Human Mast Cells by Extracellular Adenosine	93.RD	KHL092581B	66,
IPA with HRSA - Visiting Health Scientist	93.RD	MCHB/HRSA	26,
Center for Colon Cancer Research - Administrative Core	93.RD	PGM103336A	265,
Center for Colon Cancer Research - Research Pilot Projects	93.RD	PGM103336A	42,
Center for Colon Cancer Research - Biotechnology Core	93.RD	PGM103336A	137,
Center for Colon Cancer Research - Biometry Core	93.RD	PGM103336A	31,
Center for Colon Cancer Research - Tissue Bio repository Care	93.RD	PGM103336A	94,
Center for Colon Cancer Research - Mouse Experimental Core	93.RD	PGM103336A	129,
Center for Colon Cancer Research: Role of CDK8 in Colon Cancer Metastasis (Pilot Project)	93.RD	PGM103336A	69,
Center for Colon Cancer Research: Targeting Colon Cancer via Oral Administration of Chemo preventive miRNA (Pilot Project)	93.RD	PGM103336A	72,
Center for Colon Cancer Research (Pilot Project)	93.RD	PGM103336A	66,
Center for Colon Cancer Research (Pilot Project)	93.RD	PGM103336A	47,
COBRE Pilot: Resveratrol Modulation of Environment-Linked Nonalcoholic Steatohepatitis	93.RD	PGM103641B	103,
Pilot Project: The Role of AMPK in Adipose Tissue Inflammation and Metabolism	93.RD	PGM103641B	103
COBRE - Center for Dietary Supplements and Inflammation (Project 2 - Year 2)	93.RD	PGM103641B	185,
COBRE - Center for Dietary Supplements and Inflammation	93.RD	PGM103641B	103
COBRE - Center for Dietary Supplements and Inflammation (Project 3 - Year 2)	93.RD	PGM103641B	187,
COBRE - Center for Dietary Supplement and Inflammation (Microscopy & Imaging Core - Year 2)	93.RD	PGM103641B	124,
Center for Dietary Supplements and Inflammation (Admin Core - Year 2)	93.RD	PGM103641B	437,
Center for Dietary Supplements and Inflammation - Project 4 (Year 2)	93.RD	PGM103641B	65,
Center for Dietary Supplements and Inflammation(Immune Monitoring Core - Year 2)	93.RD	PGM103641B	207,
COBRE - Center for Dietary Supplements and Inflammation (Flow Cytometry - Year 2)	93.RD	PGM103641B	126,
COBRE - Center for Dietary Supplements and Inflammation	93.RD	PGM103641B	95,
Center for Dietary Supplements and Inflammation	93.RD	PGM103641B	196,
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Research Core)	93.RD	PMD001770C	69,
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Project 1)	93.RD	PMD001770C	181
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Admin Core)	93.RD	PMD001770C	251,
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (CEOC Core)	93.RD	PMD001770C	321
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Research Education Training Core)	93.RD	PMD001770C	202,
Coordinating Center of Excellence for the Social Promotion of Health Equity through Research, Education and Community	02.00	DMD0047700	
Engagement (CCE-SPHERE) Administrative Supplement: Study to Assess Beliefs and Evaluate Risks (SABER)	93.RD 93.RD	PMD001770C	74
Coordinating Center of Excellence in the Social Promotion of Health Equity Research (Project 2)	93.RD	PMD001770C	250
Peromyscus Laboratory Models for Biomedical Research	93.RD 93.RD	PRR014279E	184
ldentification of miRNA-Regulated Networks with Paired shRNA libraries (Pilot Project INBRE year 4) South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5)	93.RD	PRR016461E PRR016461E	4
South Carolina IDEA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5)	93.RD	PRR016461E	48
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5)	93.RD	PRR016461E	28
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) Bioinformatics (Year 4 of 5)	93.RD	PRR016461E	28 94
South Carolina IDEA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5)	93.RD	PRR016461E	219
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) PACD (Year 4 of 5)	93.RD	PRR016461E	114
	93.RD		
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5)		PRR016461E	51
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5)	93.RD	PRR016461E	278
Energy Expenditure Responses to Acute and Chronic Exercise in Older Women	93.RD	RAG031297C	197
Characterization and Genetics Analysis of Aging in Daphnia Mast Cell S1P Receptor2 in the Initation and Progression of Chronic Inflammation - Progress Report (RPPR)	93.RD 93.RD	RAG037969B RAI095494B	183 293
Phenomics: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	93.RD	RAI099367A	60
Function of KLF4-expressing Stem Cells in Mouse Cutaneous Wound Healing	93.RD	RAR060987B	42
Living Delivery Systems to Promote Vascular Development in 3D Scaffolds	93.RD	RAR062816B	
Microengineered Osteoinductive and Vasculogenic Scaffold	93.RD	RAR063745A	107
SsnB, a Chinese Herb-Derived Selective TLR Antagonist			160
Role of Natural Indoles in Experimental Autoimmune Encephalomyelitis	93.RD 93.RD	RAT006767B	161 358
Targeting Protein Arginine Deiminases to Prevent Colitis and Colon Cancer	93.RD	RAT006888B RCA151304B	338
Stromal Modulation of Response to Thymidylate Synthase Inhibitors	93.RD	RCA151504B RCA154731B	243
		RCA154731B RCA154731B	
Stromal Modulation of Response to Thymidylate Synthase Inhibitors Stromal Modulation of Response to Thymidylate Synthase Inhibitors	93.RD 93.RD	RCA154731B RCA154731B	42 13
Development of an Innovative Physical Activity Self-report Instrument for Youth - 1 Progress Report	93.RD 93.RD	RCA154731B RCA158577B	13
Innovative Spatial Survival Models with Geographically Varying Coefficients	93.RD 93.RD	RCA165110B	150
Southern Oncology Network on Adverse Reactions (SONAR) - Focus on Tyrosine Kinase Inhibitors (TKIs)	93.RD	RCA165609B	448
Macrophages in High Fat Diet Enhanced Colorectal Cancer: Regulation by miRNA-155	93.RD 93.RD	RCA165009B RCA167058A	448
Diabetes Prevention Program Outcomes Study (DPPOS)	93.RD	RCA167067B	571
HPV Methylation as a Biomarker of Viral Persistence and Risk of Cervical Disease	93.RD 93.RD	RCA169998A	104
Colon Cancer Chemoprevention by the Anti-Inflammatory Drug, Quinacrine	93.RD	RCA171326A	104
Colon Cancer Chemoprevention by the Anti-Inflammatory Drug, Quinacrine Addressing Acquiescence: Reducing Survey Error To Promote Latino Health	93.RD 93.RD	RCA171326A RCA172283A	383
Regulation of Macrophages by miRNA-155 in Colon Cancer: Benefits of Quercetin	93.RD 93.RD	RCA172283A RCA175636A	28
Innovative Spatio-temporal Survival Models Allowing Crossing Survival	93.RD 93.RD	RCA175030A RCA176739A	28
Innovative Spatio-temporal Survival Models Allowing Crossing Survival HER2 and the Link Between Inflammation and Cancer Stem Cells	93.RD 93.RD	RCA176739A RCA178386A	18 290
nenz und the eink between initialimitation and cancel stelli cells	93.RD 93.RD		
Evaluation of Food Hub's Impact on Food Access, Diet and Weight in a Food Depart		RCA180336A	28
			427
Evaluation of Food Hub's Impact on Food Access, Diet and Weight in a Food Desert Evaluation of Food hub's impact on food access, diet and weight in a food desert Evaluation of Food Hub's Impact on Food Access, Diet and Weight in a Food Desert	93.RD 93.RD	RCA180336A RCA180336A	427, 7,

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
J.S. Department of Health and Human Services, continued	02.00	PD4020240P	205.2
Mediation in Survival and Onset-to-Growth Models Applied to Youth Substance Onset	93.RD 93.RD	RDA030349B RDA031780B	205,3
Concurrent Treatment of Substance Abuse and Child Maltreatment Impact of HIV-1 Tat Protein on Cocaine-Dopamine Transporter Interaction	93.RD 93.RD	RDA031780B RDA035714A	593,0 304,5
A Unified Neuroanatomical Model of Speech Production and Perception: Implications	93.RD	RDC009571B	176,9
Sensory-Motor Systems and Conceptual Processing in the Healthy and Impaired Brain	93.RD	RDC010783B	188,2
Maximizing Speech Recognition Under Adverse Listening Conditions	93.RD	RDC012506B	90,1
Word Learning in Reading and Language Impairment Subgroups	93.RD	RDC013399A	120,2
BD Channel Function and Regulation in Urinary Bladder Smooth Muscle	93.RD	RDK084284B	308,7
The Role of COX-2 in Skeletal Development and Osteoarthritis	93.RD	RES016757B	224,1
Estrogen-T cell Interactions	93.RD	RES019313B	417,1
Free Radical Mechanisms in Environmental Hepatotoxicity	93.RD	RES019875C	122,4
South Carolina Post-Baccalaureate Research Program	93.RD	RGM066526C	286,3
University of South Carolina Initiative for Maximizing Student Development	93.RD	RGM076277C	364,9
Glutathione and Redox Control in the Mitochondrial Intermembrane Space	93.RD	RGM086619B	229,4
Mechanistic Studies of Iron Regulation in Yeast	93.RD	RGM100069B	308,0
7th International Conference on Fe-S cluster Biogenesis and Regulation	93.RD	RGM106685A	2,
48th South Eastern Regional Lipid Conference	93.RD	RGM109647A	5,
The Development of Sustained Attention in Infants	93.RD	RHD018942H	443,
Maternal HIV: Developmental Neurotoxicity	93.RD	RHD043680C	232,
Risk in Context: New Methodology for Modeling Risk by Context Interactions	93.RD	RHD054736C	231,0
Fathering Practices and Positive Development among African American Adolescents	93.RD	RHD068688B	45,
Role of STARD6 in Ovarian Steroidogenesis	93.RD	RHD070126B	31,
Families Improving Together (FIT) for Weight Loss	93.RD	RHD072153B	23,
Families Improving Together (FIT) for Weight Loss	93.RD	RHD072153C	464,
Detection of S-(2-succino)cysteine (2SC) as a Biomarker of Mitochondrial Disease	93.RD	RHD077187A	43,
Electrophysiology of Neonatal and Adult Heart	93.RD	RHL016152I	257,
A Social Ecological Based Smoking Cessation Intervention in Public Housing	93.RD	RHL090951B	305,
Physical Activity During the Transition from Elementary School to Middle School	93.RD	RHL091002B	322,
Physical Activity During the Transition from Elementary School to High School	93.RD	RHL091002C	217,
The Involvement of IL-12 and IL-27 in Immunity to Mycobacterium Tuberculosis	93.RD	RHL093300C	220,
Myocardial Protection and Matrix Proteases	93.RD	RHL095608C	94,
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers - Year 2 progress report and Year 3 continuation	93.RD	RHL095799B	10,
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers - Year 2 progress report and Year 3 continuation	93.RD	RHL095799B	649,
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers - Diversity Supplement for Shelli James	93.RD	RHL095799B	52,
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1	93.RD	RHL104030B	364,
Intracellular Sorting of Connexin 43 by the Ubiquitin Ligase Wwp1	93.RD	RHL104030B	11,
Suppression of Cardiac Calcium Channels by Acute Hypoxia	93.RD	RHL107600B	373,
Localized Targeting of Matrix Proteases Following Myocardial Infarction	93.RD	RHL111090B	464,
Localized Targeting of Matrix Proteases Following Myocardial Infarction (Diversity Supplement: Eva Juarez-Perez	93.RD	RHL111090B	37,
Physical Activity and Nutrition Intervention in Afterschool Programs	93.RD	RHL112787B	755,
Sparstolonin B as an Anti-Atherogenic Agent	93.RD	RHL116626A	221,
Strengthening the Quality of School Mental Health	93.RD	RMH081941B	330,
Emergence and Stability of Autism in Fragile X Syndrome	93.RD	RMH090194B	361,
Immunopathological Basis of PTSD	93.RD	RMH094755B	349,
Online vs Staff Delivery: Child & Family Outcomes, Cost Analysis and Satisfaction	93.RD	RMH097699A	310,
Quality, Economic Outcomes and Sustainability of Tele psychiatry (QUEST)(Continuation Application RPPR attached	93.RD	RMH100002B	524,
Examining the Role of the Lissencephaly Protein, Lis 1, in Dyne in-based Transport	93.RD	RNS056314C	337,
Subunit Dependent Properties of Kainate Receptors	93.RD	RNS065869B	318,
South Carolina Cancer Disparities Community Network - II (YR4) Admin Core	93.RD	UCA153461B	95,
South Carolina Cancer Disparities Community Network - II (YR4) Research Core	93.RD	UCA153461B	328,
South Carolina Cancer Disparities Community Network - II (YR4) Community Outreach Core	93.RD	UCA153461B	114,
South Carolina Cancer Disparities Community Network - II (YR4) Training Core	93.RD	UCA153461B	42,
Administrative Supplements to Expand NCI-Supported Community Outreach Capacity Through Community Health Educators			,
(CHES) of the National Outreach Network (NON) Parent Grant: South Disparities Community Newark - II	93.RD	UCA153461B	38,
SCCDCN II: Research Supplement to Promote Diversity in Health Related Research (Deeonna Farr)	93.RD	UCA153461B	31,
Transcranial Direct Current Stimulation to Treat Aphasia: Phase II Trial	93.RD	UDC011739B	663,
Transcranial Direct Current Stimulation to Treat Aphasia. Phase II Trial (Progress Report Summary Yr2)	93.RD	UDC011739B	117,
South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	UDD000776A	10,
South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	UDD000776A	195,
South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	UDD000776A	90,
Marginal Structural Models for Periodontal Treatments effects on A1C in Diabetes	93.RD	1R013DE02278501	61,
IPA Between NICHD and Alexander McLain of the University of South Carolina	93.RD	3246387	13,
Peromyscus Laboratory Models for Biomedical Research (Supplement)	93.RD	3P400D010961-14S1	13,
COBRE Pilot Project: The Role of AMPK in Adipose Tissue Inflammation and Metabolism (Year 3)	93.RD	5P20GM103641-03	14,
Innovative Spatial Survival Models with Geographically Varying Coefficients	93.RD	7R03CA165110-02	28,
Regulation of Macrophages in Obesity-Enhanced Breast Cancer	93.RD	FCA183458A	28,
IPA: Health Resources and Service Administration	93.RD	IPIPA14HRS12849	1, 17,
COBRE Pilot: Resveratrol Modulation of Environment-Linked Nonalcoholic Steathepatitis (Year 3)	93.RD	PGM103641B	17,
COBRE Pilot: Center for Dietary Supplements and Inflammation (Programming Stem Cell Fate in an Inflammatory	55.00	. 51411050-10	11,
COBRE Plot: Center for Dietary Supplements and Inflammation (Programming Stem Cell Fate in an Inflammatory Microenvironment - Year 3)	93.RD	PGM103641B	14,
	93.RD 93.RD	PGM103641B PGM103641B	
COBRE - Center for Dietary Supplements and Inflammation (Project 2 - Year 3)			19,
COBRE - Center for Dietary Suppliments and Inflammation (Project 3 - Year 3)	93.RD	PGM103641B	6,
CORRE Contact for Distant Supplements and Inflammation (Admin Corre More 2)	93.RD	PGM103641B PGM103641B	30,
			8,
COBRE - Center for Dietary Supplements and Inflammation (Immun Monitoring Core - Year 3)	93.RD		
COBRE - Center for Dietary Supplements and Inflammation (Admin Core - Year 3) COBRE - Center for Dietary Supplements and Inflammation (Immun Monitoring Core - Year 3) COBRE - Center for Dietary Supplements and Inflammation (Flow Cytometry - Year 3) CORE - Center for Dietary Supplements and Inflammation (Flow Cytometry - Year 3)	93.RD	PGM103641B	6,
COBRE - Center for Dietary Supplements and Inflammation (Immun Monitoring Core - Year 3)			6,: 7,: 19,!

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
J.S. Department of Health and Human Services, continued			
South Carolina IDeA Network of Biomedical Research Excellence (SC INBRE) (Year 4 of 5) Defining the Mechanical Strain-modulated Transcriptome of Elastogenesis in a Biofabricated Model System	93.RD	PRR016461E	17,810
(Pilot Project INBRE year 4)	93.RD	PRR016461E	9,134
Cachexia in ApcMin/+mice: The role of IL-6	93.RD	RCA121249B	22,623
Pharmacogenomic Analysis of Nicotine Dependence	93.RD	RDA032681B	32,614
Developmental Toxicity Of Organophosphate-Based Flame Retardants	93.RD	RESO22797A	15,010
Social Mechanisms for Promoting Youth Physical Activity in Afterschool Programs	93.RD	RH077357A	13,026
Policy to Practice: Statewide Rollout of UMCA Childhood Obesity Standards	93.RD	RHD079422A	57,646
Children's Dietary Recalls: Prompts , Retention Interval, and Accuracy	93.RD	RHL103737B	2,340
A Promotora-mediated, Family-based Intervention to Prevent Obesity in Latino Preschool Children	93.RD	RHL119395A	3,777
DIDACTIC: Dissemination and Implementation of a Diet and Activity Community Trial In Churches Passed through programs from:	93.RD	RHL122285A	78,296
A&Q NanoDesigns, LLC			
Immunoresponse of a Stable Formulation of Measles Vaccine	93.RD	A&Q NANODESIGNS	24,438
American Academy of Pediatrics			,
Improving the Medication Management of Patients with ADHS	93.RD	700800-USC	3,500
American Thrombosis & Hemostasis Network			
The Evaluation of the American Thrombosis and Hemostasis Network: The Ideal National Hemophilia Program			
Coordinating Center (NHPCC)	93.RD	ATHN/HRSA/MCHB	52,111
Association of University Centers on Disabilities			
Disability and Health Program Value	93.RD	1U38OT000140-01	79,872
Disability and Health Program Value	93.RD	1U38OT000140-01	26,985
Baylor College of Medicine	02.55	50041W 005515 01	· · · ·
TCD With Transfusions Changing to Hydroxyurear-Subaward with Baylor College of Medicine	93.RD	5R01HL095647-04	6,453
Boston University	93.RD	4500001491	12 510
Modeling Agreement in Cancer Diagnostic Tests Brandeis University	95.KD	4500001491	12,516
Early Identification of Substance Use and Psychological Problems in Army Women Veterans	93.RD	401717	43,429
Children's Hospital of Philadelphia	55110	101/1/	10,120
COG Chair Grant: Per Case Reimbursement	93.RD	U10CA098543	46,088
Columbia University			
Subcutaneously Implantable Affinity Micro sensor for Stable and Accurate Monitoring of Glucose	93.RD	1(GG007864)	39,596
Dartmouth College, Trustees			
Cinema Smoking and Youth Smoking in Latin America	93.RD	1066/R01T400627	127,300
Drexel University			
Effects of the SCI Microenvironment on Intra-Axonal Signaling	93.RD	232566-5826	69,844
Enformia, Inc			
Platform for Collaborative Bio-Signal Data Management and Analysis - Sub-Contract with Enformia, Inc.	93.RD	ENFORMIA INC	553
Florida Department of Health	02.00		24.000
Impacts and Vulnerabilities related to Climate Variability's in Florida Identifying and Indating Public Health Impacts and Hazard Probabilities for Public Health and Medical Propagadness. Phase IIIA	93.RD 93.RD	A83364 A8F18C	21,000
Identifying and Updating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness - Phase IIIA Identifying and Updating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness-Phase IIIB	93.RD	A9C17A	5,983 9,069
Identifying and Opdating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness-Phase IIIB	93.RD	A9C17A A9C17A	31,664
Identifying and Opdating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness - Phase IIIA	93.RD	AEF18C	25,154
Impacts and Vulnerabilities Related to Climate Variability's in Florida - Phase III	93.RD	FLORIDA DEPT HE	31,999
Florida State University	55.10		51,55
Adolescent Drug Use, Violent Victimization, and Neighborhood Context	93.RD	R01606	2,681
George Washington University			,
Sub - George Washington University Cancer Institute (GWCI) Gmap Pilot: Assessing the Effects of BMORE on Participants			
and their Partners	93.RD	12-M102	9,147
Indoor Biotechnologies, Inc.			
Antigenic Determinants of Asthma-Associated for Design of Immunotherapy	93.RD	R01A1077653	19,642
Johns Hopkins University			
Injury-Induced Pain: Chemical Modulation of Nociceptors	93.RD	2001362978	101,48
Sub contract with John Hopkins GMAP	93.RD	2001995453	51,662
Mathematica Policy Research, Inc.	02.00	6816502223	15.000
CHIPRA Subcontract No. 6816S02223 by and Between Mathematica Policy Research, Inc. and the University of SC Medical University of South Carolina	93.RD	0810502223	15,000
South Carolina Clinical and Translational Research Institute (SCTR)	02 80		0.410
South Carolina Clinical and Translational Research Institute (SCTR)	93.RD 93.RD	MUSC/NIH MUSC09-078	9,418 49,129
Inflammation and Degeneration of Optic Nerve in EAE (Subcontract)	93.RD 93.RD	MUSC09-116	56,615
Southern Consortium Node of the Clinical Trials Network - Stimulant Reduction Intervention using Dosed Exercise (STRIDE)	93.RD	MUSC10-060	(838
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	93.RD	MUSC10-000 MUSC10-124	912
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	93.RD	MUSC10-124 MUSC10-124	71,868
	93.RD	MUSC10-124 MUSC10-124	45,097
		MUSC12-085	20,620
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)		1003012-085	14,418
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity	93.RD	MUSC12-119	
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans	93.RD	MUSC12-118 MUSC12-128	38 74/
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389)	93.RD 93.RD	MUSC12-128	
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles	93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029	1,318
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute	93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056	1,318 107,708
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study.	93.RD 93.RD 93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056 MUSC13-057	1,318 107,708 22,839
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute	93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056	1,318 107,708 22,839
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study. Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial	93.RD 93.RD 93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056 MUSC13-057	1,318 107,708 22,839 43,096
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study. Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial MicroVide LLC	93.RD 93.RD 93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056 MUSC13-057 MUSC13-068	1,318 107,708 22,839 43,096
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study. Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial MicroVide LLC Reversal of Myocardial Infarction by Localized Stimulation	93.RD 93.RD 93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056 MUSC13-057 MUSC13-068	1,318 107,708 22,839 43,096 208,818
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study. Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial MicroVide LLC Reversal of Myocardial Infarction by Localized Stimulation NORC University of Chicago	93.RD 93.RD 93.RD 93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056 MUSC13-057 MUSC13-068 MICROVIDE /NIH	1,318 107,708 22,839 43,096 208,818
Genetic and Environmental Influences on SLE and Lupus-Related Autoimmunity MCRC for Rheumatic Diseases in African Americans Administrative Supplement for Effectiveness of Tobacco Control Policies in High vs. Low Income Countries (P01CA138389) Subaward: Hollywood Smiles Outpatient Quality Improvement Network (OQUIN) and Care Coordination Institute Controlling Blood Pressure in Treatment Resistant Hypertension: A Pilot Study. Brief, Novel Smoking Cessation in Primary Care: A Comparative Effectiveness Trial MicroVide LLC Reversal of Myocardial Infarction by Localized Stimulation NORC University of Chicago NCS Vanguard Central ROC Task Order 3NCS Health Measurement Data Collection - sub-contract with NORC	93.RD 93.RD 93.RD 93.RD 93.RD 93.RD 93.RD	MUSC12-128 MUSC13-029 MUSC13-056 MUSC13-057 MUSC13-068 MICROVIDE /NIH	38,744 1,318 107,708 22,839 43,096 208,818 36,703

b. Source of precision of precision finance for each of the finance of the precision of the pr	Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
Detail during anguard nome Subset during anguard sector sect				
Beak Instant length impart 14 winds respirat 14 winds fragments in winds winds in an advanted instant 44 winds means on undercarved Children's weath91.001120113.00The Undercarved Sam91.001120113.0072.00Checker 10 of the Undercarved Children's weath91.001120113.00Samon acc 10091.001120113.00112.00Samon acc 10091.001120113.00113.00Checker 10091.0091.00112.00113.00Samon acc 10091.00112.00113.00113.00Checker 10091.00112.00113.00113.00Checker 10091.00113.00113.00113.00113.00Checker 10091.00113.00113.00113.00113.00113.00Checker 10091.00113.00113.00113.00113.00113.00113.00Checker 10091.00113.00 <td></td> <td></td> <td></td> <td></td>				
Trast To University 21/06-03 </td <td></td> <td></td> <td></td> <td></td>				
University of Som Cardina Solution Cardina on Undersorted Children's beach 9.80 1132 (2) Company for Cardinal Solution Disorder and SolutyIntras 9.80 1132 (2) Solution Colleging 9.80 0.00000000000000000000000000000000000		93.RD	1R01DA034634-01	37,54
Tubes of contrasts Coding 9.112 12.2 6.5 Concepts of Contrasts Contrasts Contrasts Company Contrasts on Fact Min the Eddery 9.180 5.000000000000000000000000000000000000		02.00	245006.02	27.02
COORD DUC Contradic Use Distributions of Treatment Computations PloS (in the Enderly 91.00 11.20 65.5 Subconside Comparison Comparison Computations PloS (in the Enderly 93.00 VICOSSSP155 2. Subconside Comparison Compariso		93.KD	21F086-03	27,92
blace match in plane in transmit Compliations here Min the Elderiy 91.80 WORS1945 2. Diversity of Funct Cordia 93.80 5.3285 114. Diversity of Funct Cordia 93.80 7.03285 114. Diversity of Funct Cordia 93.80 7.0114/01/0055.31 5.35 Diversity of Miner Park 93.80 7.0114/01/0055.31 5.35 Diversity of Miner Park 93.80 0.0037402 2.1 University of Staff Fords 93.80 0.0037402 2.1 University of Staff Fords 93.80 0.0519117/02.4V 6.6 Subserved - University of Staff Fords 93.80 0.05101117/26.4V 6.6 Subserved - University of Staff Fords 93.80 0.050011117/26.4V 6.6 Subserved - University of Staff Fords 93.80 0.050011117/26.4V 6.6 Subserved - University of Staff Fords 93.80 0.0500111117/26.4V 6.6 Subserved - University of Staff Fords 93.80 0.0500111117/26.4V 6.6 Subserved - University of Staff Fords 93.80 0.05001111117/26.4V 6.7		93.RD	1132	(35,82
University of Nation Learning 93.80 5.5.2855 1.6.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	University of Iowa			
SLACE for Datasets in Yoach, Pare 2, Yoar 4 - USC 93.00 93.00 93.00 93.00 7021A3023055 63 125. Unreagneet scale of the interfame of Alarge in a Multigenerational Cubort 93.00 7021A3023055 63 32. Thirdeet Communications to increase Concent License Sceneing among African Americans 93.00 7021A3023055 63 32. Unreagneet scale of Communications to increase Concent License Sceneing among African Americans 93.00 70314020 11. Unreagneet scale of Communications to increase Concent License Sceneing among African Americans 93.00 70314020 32. Unreagneet scale of Communications to framation on the Callextee Experience of Communications and the Callextee Experiment Concent Co		93.RD	W000555945	2,47
spectra to SCCCIN 91.00 V N 1 Transport to a light of the infrance of Allery in a Multigenerational Cohort 91.00 7001A0504505 01 51.0 Transport to a light of the infrance of Allery in a Multigenerational Cohort 91.00 7001A0504505 01 51.0 University of Munescia 91.00 50055704 01 52.0 50055704 01 52.0 University of Schemerica 91.00 0.00374802 51.0 50057111 52.0 50057111 50.0 50057111 50.0 50057111 50.0 <td< td=""><td>•</td><td>02 PD</td><td>5.52955</td><td>116 22</td></td<>	•	02 PD	5.52955	116 22
University of Menghis JABD 7613405105-53 5.5. University of Medgine 3.0.0 3.00257844 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.002578 3.0.00258				110,33
Under Starter Starer Starter Starter				
Tailore Communications to Increase Contread Contres Servering among African Americans94.8093.8		93.RD	7R01A1091905-03	35,82
Universaria is intervation from the Callective Experiments of Community Networks Program Centers9.8.000.000748021.2.University of Soch Fords9.8.006118 1117.02.4V36.0038.000.005 \$FLORDAA38.00University of Tools Health Socies Center9.8.009.8.000.005 \$FLORDAA38.000.005 \$FLORDAA38.00University of Tools Health Socies Center9.8.009.8.000.005 \$FLORDAA38.000.005 \$FLORDAA38.000.005 \$FLORDAA38.0030.005 \$FLORDAA39.0030.005 \$FLORDAA39.0030.005 \$FLORDAA39.0030.005 \$FLORDAA30.0030.0030.000 \$FLORDAA30.0030.0030.000 \$FLORDAA30.00 <td></td> <td>02 80</td> <td>2002557844</td> <td>2.44</td>		02 80	2002557844	2.44
Leveraging face Plantics in Neutronic from the Collective Experience of Community Networks Program Centers 92.00 N000274802 92.10 The TCDD' Stoy 93.00 C115-1112-02.4V 82.60 The TCDD' Stoy 93.00 C115-1112-02.4V 82.60 Seamed: EMACC: A Promotions Less Physical Activity Intervention Trial for Lativas in Texas 93.80 202000/PSC 95.80 Volvering of Weinstrom 83.80 202000/PSC 95.80 77. Volvering of Weinstrom 83.80 WILES 18224 15. Volvering of Weinstrom 83.80 WILES 18224 15. Sub Contract Weinstrom Keinstrom 93.80 WILES 18224 15. Sub Contract Weinstrom Keinstrom 93.80 WILES 18224 15. Sub Contract Weinstrom Keinstrom 93.80 WILES 18224 15. Sub Contract Weinstrom Keinstrom Keinstro		93.KD	3002557844	3,44
The TEDD' Study 93.00 U/OF SIGURDA 26.0 UNIVERSITY of Texa Health Science Center 93.00 U/OF SIGURDA 22.0 UNIVERSITY of Texa Health Science Center 93.00 V/OF SIGURDA 22.0 UNIVERSITY of Texa Health Science Center 93.00 SGIULLITTR-0.0 50.0 UNIVERSITY of Texa Health Science Center 93.00 SGIULLITTR-0.0 50.0 Evaluation of the Ministrow Nation Information on Menus 93.00 UTIVES 118224 50.0 Evaluation of the Ministrow Nation Information on Menus 93.00 UTIVES 118224 50.0 Value Forst University Health Science 93.00 UTIVES 118224 50.0 Sub Contrast to Wake Forst University File Initiation Vulnerability 93.00 UTIVES 2029145 50.0 Sub Contrast to Wake Forst University Health Science 93.00 Cril 30.00 50.0 Cril 30.00 50.0 Cril 30.00 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0		93.RD	N000374802	21,74
The TLOP Study 92.00 U OF S FLORIDA 22.7 Subwards of Flores Health Science Carbor 92.00 50011117/12.02 7.0 Subwards of Vencom 92.00 24030.0057C 7.0 Internation of Vencom 92.00 17.045 7.0 Internation of Vencom 92.00 17.045 7.0 Internation of Vencom 92.00 17.045 7.0 Internation of Vencom 92.00 17.345 7.0 Internation of Vencom 92.00 17.3147 9.0 7.1 Internation of Vencom 92.00 17.140000026 9.0 7.1 9.0 7.1 9.0 7.1 9.0 7.1 9.0 7.1 9.0 7.1 9.0 7.1 9.0 7.1 9.0 7.1 </td <td>University of South Florida</td> <td></td> <td></td> <td></td>	University of South Florida			
University of Teast Health Science Control94.8050.111111112-0276.Subward - FLACK A Promotors - lefthy induction interviewing91.802403000FSC69.Internet Assisted Dealthy Trastinent: Enhanced by Motivational interviewing91.8011784577.Wake Forse University of Water Dealthy Trastinent Enhanced by Motivational Interviewing91.8011784577.Behavioral Constatar to the look AHEAD 2 year Competing Continuation92.80WEUKIS 11822478.Wake Forse University Health Science92.80WEUKIS 11822478.Behavioral Constatar to Wake Forse University Filed Trail of chinkity-related SW 59.and (biodomics in prostate cancer92.80GT33347577.Make Forse University Health Science92.80CT33020215578.78.Sub Chrolica Competing Continuation92.80CT33020215578.78.Make Forse University Health Science Response92.80CT3302678.78.Sub Chrolica Competing Continuation for Women (Def Corron: Dease Programs SCEOP)93.80CT3302678.78.Q & Scialation of DHEC Corron: Dease Programs Scene Progr				26,50
subservity PNUACE: A Promotor- Led Projucial Activity intervention Trial for Latins in Teas 9.80 9.00141111718-02 76. Internet Assisted Obesity Frastment: Enhanced by Mottational Intervention 9.80 17.845 9.80 9.90 9.80 9.90 9.80 9.90 9.90 9.90 9.90 9.90 9.90 9.90 9.90 9.90 9.90		93.RD	U OF S FLORIDA	32,42
Universe Asis de Design Transmer Echanaced by Motivational Interviewing 9.4.0.9 40.300.0F5.4 40.300.0F5.4 50.7 Universe Construction Production Mutrition Information on Menus 9.4.0.9 17.845 7. Evaluating the Interact of Mutation Information on Menus 9.4.0.9 0.753.3475 7. Evaluation Construction Production Productin Productin Production Production Production Productin Productin P		93 RD	5R01HI 111718-02	76.13
Internet, Assisted Obesity Teartement: Enhanced by Motivational Interviewing 93.00 (1992) 40390.0PSC 95.00 (1992) 40390.0PSC 9		55.ND	51011111110-02	70,13
Evaluating the inpact of Mardatory Nurition Information on Menus 92.00 17845 7.2 Mark Forces University 93.00 WUNS 11822.40 7.5 Sub Contract to Walke Forces University, Plic Trial of ethnicity-reisted SMPs and lipidomics in prostate cancer 93.00 713.11552.00145 7.5 Sub Contract to Walke Forces University, Plic Trial of ethnicity-reisted SMPs and lipidomics in prostate cancer 93.00 719.14000026 7.5 South Control Contract Statu Walke Forces University, Plic Trial of ethnicity-reisted SMPs and lipidomics in prostate cancer 93.00 719.14000026 7.5 South Control Contract Statu Walke Forces University, Plic Trial of Statu Force 93.00 Cris10.205 7.5 Out & Foldstation Of DHEC Cornor: Disease Programs - Strengthening Public Health Infrastructure of Improver Healt Statu Statu Of DHEC Cornor: Disease Programs - Strengthening Public Health Infrastructure of Improver Health Statu Statu Of DHEC Cornor: Disease Programs - Strengthening Public Health Infrastructure of Improver Health Statu Statu Of DHEC Cornor: Disease Programs - Preventive Health Status Strengthening Public Health Infrastructure of Improver Health Infrastructure of Improver Health Statu Statu Of DHEC Cornor: Disease Programs - Preventive Health Status Strengthening Public Health Infrastructure of Improver Health Infrastructur		93.RD	24030U0FSC	59,13
Wate Screet University 98.00 WFUPS 18242 15. Behaviard Consultant to the Lock AHEAD 2-year Competing Continuation 98.00 GT333475 7. Wate Forst University Healt Fail of ethnicity-related SMP's and lipidomics in prostate cancer 98.00 GT333475 7. Via University 98.00 GT333475 7. 7. Wate University 98.00 GT333475 7. Via University 98.00 CT334075 7. Wate University Healt Fail Enhance Environmental Control 98.00 CT33026 7.3 South Controls Despares (Control Ensesse - SC Cancer Proteins and Control Wage and Control	University of Waterloo			
Behavior1 Constituint to he Look AHEAD 2-year Competing Continuation9.8.00WTUNS 1182249.5.1Wake Force Utwership Healt Cirl al of Ethnicity-related SNP's and lipidomics in prostate cancer9.8.00GT334757.7Wale Louker Imaging Predicts Atrial Remodeling and Fabrilation Vulnerability9.8.00M13A1592A091458.5.South Contin Comparison to Present Ten Pregnancy7.8.00Crisi 3.0.007.9.3.00Crisi 3.0.008.3.00Cul & Kaluation of DHEC Chronic Disesse / Contin Etheres In Control Programs (CCP)9.8.00Crisi 3.0.203.2.1Quality improvement and Subulation of DHEC Chronic Disesse Programs - SC Wike Woman9.3.00Crisi 3.0.203.2.1Quality improvement and Subulation of DHEC Chronic Disesse Programs - SC Wike Woman9.3.00Crisi 3.0.203.3.0Quality improvement and Subulation of DHEC Chronic Disesse Programs - SC Wike Woman9.3.00Cris 3.0.203.0.0Quality improvement and Subulation of DHEC Chronic Disesse Programs - SC Wike Woman9.3.00Cris 3.0.203.0.0Quality improvement and Subulation of DHEC Chronic Disesse Programs - Receive Health Services9.3.00Cris 3.0.203.0.0Cul Color Devision of DHEC Chronic Disesse Programs - Receive Health Services9.3.00Cris 3.0.203.0.0Cul Color Devision of DHEC Chronic Disesse Programs - Receive Health Services9.3.00Cris 3.0.007.1.0.20Sc DHEC Cooperative Agreement Contract No. Cris 3.01: Community Transformation Grant and CCDPHP Program9.3.00Cris 4.0009.0.00Sc DHEC Cooperative Agreement Contract No. Cris 3.01: Community T		93.RD	117845	7,10
Wate forest University Plot Trial of ethnicity-related SMP's and lipidomics in prostate cancer9.8.0GTS34.757.7Vale UniversityNon-Colspan=10 Prevent Teen PregnaryNon-Colspan=10 Prevent Teen Pregnary8.0M13AL1592A091453.5.South Carolina Campaign to Prevent Teen PregnaryNon-Colspan=10 Prevent Teen Pregnary9.8.0CY13.0253.2.Guita Carolina Department of Health and Environmental Control9.8.0CY13.0263.2.3.2.Culta Valuation of DHEC Chronic Disease (Yvell integrated Screening and Carlot Pregnars (CCP)9.8.0CY13.0263.2.Culta Vinorment and Sublation of DHEC Chronic Disease Programs - Streengthening Public Health Infrastructure of Duality Improvement and Sublation of DHEC Chronic Disease Programs - Streengthening Public Health Infrastructure of Duality Improvement and Sublation of DHEC Chronic Disease Programs - Streengthening Public Health Infrastructure of Duality Improvement and Sublation of DHEC Chronic Disease Programs - Streengthening Public Health Infrastructure of Duality Improvement and Sublation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control Disease Programs - Division of Tobacco Prevention and Control Duality Improvement and Sublation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control Sublet Conceptative Agreement Control ID HEC Chronic Disease Program - Streengthening Public Program (Function R2)9.8.0CY1.3.0269.3.0Cy DHEC Cooperative Agreement Control Non-Scoperative Agreement Control Non-Scoperati		02 PD	WEITHS 119224	15 10
Sub Contract to Wake Faves University: Pilot Trial of ethnicity-related SNP's and lipidomics in prostate cancer 93.RD 913.8D 7533475 7.7 Molecular Imaging Predicts Atrial Remodeling and Fibrillation Vulnerability 93.RD 91.RD 71244000025 24.1 Beaufor County School Istrict Case Study 93.RD 7124000025 24.2 Out & Carolina Department of Health and Environmental Control 93.RD CY134025 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.RD CY134026 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.RD CY134026 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.RD CY134026 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.RD CY134026 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.RD CY134026 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.RD CY134026 32.2 Quality Improvement and Evaluation of DHEC Chronic Disease Program - SC Wise Woman 93.RD <td></td> <td>55.ND</td> <td>WI 0115 118224</td> <td>13,10</td>		55.ND	WI 0115 118224	13,10
Molecular imaging Pedicits Atrial Remodeling and Fibrillation Vulnerability 93.R0 M13.11592A09145 53. South Carolina Compaging to Prevent Teen Pregnans, 2000 93.R0 T1A.H000026 24. South Carolina Department of Health and Environmental Control 93.R0 Cr13.026 32. Q1 & Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.R0 Cr13.026 32. Quality improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.R0 Cr13.026 32. Quality improvement and Evaluation of DHEC Chronic Disease Programs - Net Childcare Evaluation 93.R0 Cr13.026 52. Quality improvement and Evaluation of DHEC Chronic Disease Programs - Net Childcare Evaluation 93.R0 Cr13.026 53. Quality improvement and Evaluation of DHEC Chronic Disease Programs - Net Childcare Evaluation 93.R0 Cr13.026 57. SC DHEC Cooperative Agreement Contract No. Cr2.801: Community Transformation Grant and CCDPHP Program 70. 70. 70. (function R1) SS.C Cr2.801 73. 70. 70. 70. SC DHEC Cooperative Agreement Contract No. Cr2.801: Community Transformation Grant and CCDPHP Program 70. 70.		93.RD	GTS33475	7,55
South Carolina Campaign Detrement Teen Pregnancy93.80TJALH00002693.8093.8071.0410002693.8093.8071.0410002693.8093.8071.040002693.8093.8071.032693.8093.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032693.8071.032672.032693.8071.032672.032693.8071.032672.0				
Beaufor County School District Case Study 93.R0 TP1A4000026 24, South Scariba Department of Health and Environmental Control 93.R0 Cr13.026 19, Q1 & Fouliation of DHEC Chronic Disease Frograms - SC Wise Woman 93.R0 Cr13.026 23, Quality Improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman 93.R0 Cr13.026 33, Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Sc Wise Woman 93.R0 Cr13.026 53, Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Net Childcare Evaluation 93.R0 Cr13.026 53, Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services 93.R0 Cr13.026 57, SC DHEC Cooperative Agreement Contract No. Cr2.801: Community Transformation Grant and CCDPHP Program 93.R0 Cr2.801 649, SC DHEC Cooperative Agreement Contract No. Cr2.801: Community Transformation Grant and CCDPHP Program 93.R0 Cr2.801 649, SC DHEC Cooperative Agreement Contract No. Cr2.801: Community Transformation Grant and CCDPHP Program 93.R0 Cr2.801 649, South Carcina Department of Health and Human Services 93.R0 A2014, 244, <td></td> <td>93.RD</td> <td>M13A11592A09145</td> <td>35,20</td>		93.RD	M13A11592A09145	35,20
South Carolina Department of Health and Environmental Control Secure Secur		02 PD	TP1AH000026	24.17
Q) & Evaluation of DHEC Chronic Disease PC area Prevention and Control Programs (CCCP)93.RbCY-33.02692.Q) & Evaluation of DHEC Chronic Disease Programs -S Wise Woman93.RbCY-33.02693.00Quality improvement and Evaluation of DHEC Chronic Disease Programs -S Wise Woman93.RbCY-33.02693.00Quality improvement and Evaluation of DHEC Chronic Disease Programs - SE Wise Woman93.RbCY-33.02693.00Quality improvement and Evaluation of DHEC Chronic Disease Programs - ARC Childcree Visuation93.RbCY-13.02693.00Quality improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services93.RbCY-13.02657.1Quality improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control93.RbCY-13.02657.1SC DHEC Cooperative Agreement Contract No. CY-2.801. Community Transformation Grant and CCDPHP Program93.RbCY-2.80168.0(Function a)93.RbCY-2.80199.191.RbCY-2.80199.1Healthy South Carolina Initative: Community Transformation Fan93.RbCY-2.80199.1Peabviora IRK Stator Survellance Survey93.RbCY-2.80199.1South Carolina Department of Health and Human Services93.RbA3008BA5.2South Carolina Initative: Community Transformation Project93.RbA3008BA5.2South Carolina Department of Health and Human Services on the CHIPRA Quality Demonstration Project93.RbA2014105R0A33.3SY 2013 DHHK MEQA/FERM Contract93.RbA2014105R0A<		55.ND	TF1A1000020	24,17
Quality improvement and Evaluation of DHEC Chronic Disease Programs - SC Wise Woman93, RDCY-13-0261.1Quality improvement and Evaluation of DHEC Chronic Disease Programs - Sterngthening Public Health Infrastructure of improved Health Outcomes93, RDCY-13-0263.5Quality improvement and Evaluation of DHEC Chronic Disease Programs - ABC Childcare Evaluation93, RDCY-13-0265.7Quality improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control, Duality improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control, Tobactor Prevention and Control93, RDCY-13-02657.1SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function R2)93, RDCY-2-80168,SC DHEC Cooperative Agreement Contract No. CY-2-80: Community Transformation Grant and CCDPHP Program (Function R2)93, RDCY-2-80199,Phetavical R1K Scator Surveillance Survey South Carolina Initiative: Community Transformation Tennia93, RDCY-2-80199,South Carolina Department of Health and Human Services on the CHIPRA Quality Demonstration Project93, RDA3008BA25,South Carolina Department of Health and Human Services on the CHIPRA Quality Demonstration Project93, RDA2014125A80,SFY 2013 DHHS MEQA/PERM Contract93, RDA20141425A80,33,37,37, 20, 24, 24, 24, 24,80,SFY 2013 DHHS MEQA/PERM Contract93, RDA201410580A33,33,37, 24, 24, 24, 34,80,33,37, 24, 24, 24, 34,		93.RD	CY-13-026	19,23
Quality improvement and Evaluation of DHEC Chronic Disease Programs - JRC Childcare Evaluation93 R0CY-13 02633,Quality improvement and Evaluation of DHEC Chronic Disease Programs - JRC Childcare Evaluation93 R0CY-13 02657,Quality improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services93 R0CY-13 02657,Quality improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control,01,01,02,02,Dibbetes Prevention and Control03, R0CY-2-80108,04,04,SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program03, R0CY-2-80109,99,Behavioral Risk Factor Survelliance Survey03, R0CY-2-80109,99,99,99,99,99,99,99,99,99,99,99,99,90,99,99,99,99,90,99,<				32,51
Improved Health Outcomes93.RCCY-13-02693.RCQuality Improvement and Evaluation of DHEC Chronic Disease Programs - ABC Childcare Evaluation93.RDCY-13-02601Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services93.RDCY-13-02601Quality Improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control,93.RDCY-13-02657,1SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program93.RDCY-2-80168,6SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program93.RDCY-2-80199,9(Function #2)93.RDCY-2-80199,9Healthy South Carolina Initiative: Community Transformation Grant and CCDPHP Program93.RDCY-2-80199,9For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia93.RDA30088A5,7Institute for Families in Society Sub Contract to Provide Evaluation Technical Assistance and Support93.RDA20141425A294,SPY 2014 DHIS MEGA/PERM Contract93.RDA20141425A80,757, 201,93.RDA20141425A80,Outcomes to Finance(Phase Che) A201410480A93.RDA20141425A80,757, 201,93.RDA20141425A80,SPY 2014 DHIS MEGA/PERM (Outcract93.RDA20141425A80,757, 201,93.RDA20141425A80,Outcomes to Finance(Phase Che) A201410480A93.RD		93.RD	CY-13-026	1,05
Quality improvement and Evaluation of DHEC Chronic Disease Programs - ABC Childcare Evaluation93.RDCY-13-0265.Quality improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services93.RDCY-13-02667.Quality improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services93.RDCY-13-02657.SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program93.RDCY-2-80168.SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program93.RDCY-2-80199.(function #2)93.RDCY-2-80199.97.Healthy South Carolina Initiative: Community Transformation Plan93.RDCY-2-80199.Behavioral Risk Factor Surveillance Survey93.RDCY-2-80199.South Carolina Initiative: Community Transformation Technical Assistance and Support93.RDA3008&A5.For the Purchase and Provision of the Altheimer's Disease Registry Management and Training and Development related to Dementia93.RDA3008&A5.For the Purchase and Provision of Alzheimer Surves Amaly Partnerships(NFP) For Improving Child Health93.RDA201410680A33.Syst 2013 DHK MEQA/PERM Contract93.RDA201410680A33.35.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA201410425A80.Outcomes to Finance(Phase One) A201410480A93.RDA201410425A80.35.For the Purchase and		02 PD	CV-12-026	3,70
Quality improvement and Evaluation of DHEC Chronic Disease Programs - Preventive Health Services93.RDCY-13-026Quality improvement and Evaluation of DHEC Chronic Disease Programs - Division of Tobacco Prevention and Control, Diabetes Prevention and Control93.RDCY-13-02657./SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function Pl)93.RDCY-2-80168.SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function Pl)93.RDCY-2-80199.Healthy South Carolina Initiative: Community Transformation Plan93.RDCY-4-509479.Behavioral Rik Rator Surveillance Survey and Development related to Dementia93.RDA30088A5.For the Purchase and Provision of the Altheminer Suisease Registry Management and Training and Development related to Dementia93.RDA30088A5.For the Purchase and Provision of the Altheminer Suisease Registry Management and Training and Development related to Dementia93.RDA201410680A33.SY 2013 DHIS MEQA/PERM Contract93.RDA201410480A33.35.32.32.Outcomes to Finance(Phase One) A201410480A93.RDA201410480A33.35.SY 2013 DHIS MEQA/PERM Contract93.RDA201410680A33.35.SY 2013 DHIS MEQA/PERM Contract93.RDA201410680A33.SY 2013 DHIS MEQA/PERM Contract93.RDA201410680A33.SY 2013 DHIS MEQA/PERM Contract93.RDA201410680A34.Outcomest of Finance(5,22
Diabetes Prevention and Control93.RDCY-13-02657,7SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #1)93.RDCY-2-80168,7SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #2)93.RDCY-2-80199,9Healthy South Carolina Initiative: Community Transformation Plan Behavioral Rike Factor Surveillance Survey and Development related to Dementia and Development related to Rule Rahuei Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410450A and SRD A 20141425A33,8D a A20141425AA20141425A a 8,7Passibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410450A a 33,8D A 20141425A33,8D a A20141425AA20141425A a 8,7For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RD a A20141050AA20160088A a 345, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RD a A20160088AA20160088A a 345, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia <td></td> <td></td> <td></td> <td>60</td>				60
SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program 93.RD CY-2-801 99.RD (Function #1) 93.RD CY-2-801 99.RD (Function #2) 93.RD CY-2-801 99.RD (Plantity Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program 93.RD CY-2-801 99.RD (Plantity Cooperative Agreement Contract No. CY-2-801: Community Transformation Plan 93.RD PO#755326 97.8D South Carolina Department of Health and Human Services The Purchase and Provision of the Alzheimer's Disease Registry Management and Training 31.RD A30088A 5,7 Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support 93.RD A301410680A 33. (SY 2013 DHKS MCO/PERM Contract 93.RD A201410480A 80. 35,7 Outcomes to Finance(Phase Cone) A201410480A 93.RD A201410425A 80,7 SY 2013 DHKS MCO/PERM OM Contract 93.RD A201410425A 80,7 To Dementia Group Contract 93.RD A201410425A 80,7 For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20140068				
[Function #1]93.RDCY-2-80168,SC DHEC Cooperative Agreement Contract No. CY-2-801: community Transformation Grant and CCDPHP Program93.RDCY-2-80199;Healthy South Carolina Initiative: community Transformation Plan93.RDCY-2-80199;Behavioral Risk Factor Surveillance Survey93.RDPO475532679;South Carolina Department of Health and Human Services93.RDA30088A5,For the Purchase and Provision of the Altheimer's Disease Registry Management and Training and Development related to Dementia93.RDA30088A5,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 CHIPPA Quality Demonstration Project93.RDA20131425A8,Passibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410480A93.RDA20141425A807,PMTF Evaluation and Wraparound Implementation to Dementia93.RDA20141425A807,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA201410680A33,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA2014088A176,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA201170237A933,Data Transletion and Hazinere Durpot to Coordination of Data Reporting and Deta		93.RD	CY-13-026	57,69
SC DHEC Cooperative Agreement Contract No. CY-2-801: Community Transformation Grant and CCDPHP Program (Function #2)93.RDCY-2-80199.g(Function #2)93.RDCY-4-50947.9Behavioral Risk Factor Survelliance Survey93.RDPO#75532647.9South Carolina Initiative: Community Transformation Plan Behavioral Risk Factor Survelliance Survey93.RDA3008A5.For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia93.RDA3008A5.Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support93.RDA51642A29.4with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project93.RDA201410680A33.SY 2013 DHIK MECO/PERK MCOntract93.RDA201410680A33.35.7Outcomes to Finance(Phase One) A201410480A93.RDA201410580A345.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A345.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A345.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A345.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A345.For the Purchase a		02 PD	CV_2_901	68.46
(Function #2)93.RDCY-2-80199.Healthy South Carolina Initiative: Community Transformation Plan93.RD93.RDCY-4-509479.Behavioral Risk Factor Surveiliance Survey93.RDP0#755326South Carolina Department of Health and Human Services93.RDA30088A5.For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia93.RDA30088A5.Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support93.RDA51642A294.with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project93.RDA20131425A80.Peasibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health93.RDA201410680A33.Outcomes to Finance(Phase One) A201410480A93.RDA201410571A95.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A345.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A176.Technical Assistance SUpport In the Implementation of the CMS Center for Innovation: Statuce Department of Social Services93.RDA20160088A29.20.Technical Assistance SUpport Into Coordination of Data Reporting and Data Analytics for the SC Medicaid Program South Carolina Data Analytical Support In the Implementation of the CMS Center for Innovation: Statu Demonstration to Infagrate		93.ND	C1-2-801	08,40
Behavioral Risk Factor Surveillance Survey93.RDPO#755326South Carolina Department of Health and Human Services93.RDA30088AFor the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia93.RDA30088A5;Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support93.RDA51642A294,With the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project93.RDA20131425A8,Feasibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410480A93.RDA201410680A33,SY 2014 DHHS MEQA/PERM QM Contract93.RDA201410580A33,35,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia93.RDA20160088A176,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia (SCNGAL PROGRAM)93.RDA20160088A176,Technical Assistance and Data Analytics for the SC Medicaid Program State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant93.RDA201710237A903,South Carolina Department of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Child Welfare Quality Assurance)93.RDTO14,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Quality Assurance Review, Economic Services Quality Improvement and NTO (Child Welfare Qualit		93.RD	CY-2-801	99,98
South Carolina Department of Health and ¹ Luman Services For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia bit Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410480A 33, D A201410680A 33, D A201410680A 33, D A201410480A 33, D A20141025A 80, 7 PRTF Evaluation and Wraparound Implementation 93.RD A20141025A 93.RD A20141125A 93.RD A20141025A 93.RD A20141038 93.RD A20140088A 176, 70 The Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia 93.RD A20160088A 176, 70 The Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia (SCVAGAL PROGRAM) 93.RD A201710237A 93.RD A201710237A 93.RD Pat Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program 93.RD A201710239A 2,920, 70 Technical Assistance and Data Analytical Strategic Planning Grant South Carolina Department of Social Services South Carolina Program for Indant/Toddler Care for Dual Eligible Individuals Strategic Planning Grant South Carolina Program for Infant/Toddler Care for Dual Eligible Individuals Strategic Planning Grant South Carolina Program for SS Staff and Agents Program Evaluation and Accountability (Child Welfare Quality Assurance) USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (93.RD	CY-4-509	479,26
For the Purchase and Provision of the Alzheimer's Disease Registry Management and Training and Development related to Dementia93.RDA30088A5;Institute for Families in Society Sub-Contract to Provide Evaluation Technical Assistance and Support93.RDA51642A294,with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project93.RDA201410680A83,SFY 2013 DHHS MEQA/PERM Contract93.RDA201410680A33,Peasibility Study of a Social impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health93.RDA201410680A33,SFY 2014 DHHS MEQA/PERM QM Contract93.RDA201410680A33,35,PRTF Evaluation and Wraparound Implementation93.RDA201410571A95,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A345,Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93.RDA20160088A176,Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93.RDA201710239A2,920,Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93.RDA201710239A2,920,State Demonstration to Integrate Care For Dual Eligible Individuals Strategic Planning Grat93.RDA21693A2,920,State Demonstration to Integrate Care For Dual Eligible Individuals Strategic Planning Grat93.RDA21693A2,920,State Demonstration		93.RD	PO#755326	
and Development related to Dementia 93.RD A30088A 5; 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 A20131425A 294, SFY 2013 DHHS MEQA/PERM Contract 93.RD A20131425A 8, Feasibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410480A 333, SFY 2014 DHHS MEQA/PERM QM Contract 93.RD A201410480A 93.RD A20141425A 807, PRTF Evaluation and Wraparound Implementation For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia Por the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia (SCVAGKA, PROGRAM) Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program 93.RD A201710237A 903, Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program 93.RD A201710237A 903, Data Translation and Interpretation of the CMS Center for Innovation: State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant South Carolina Porgam for Infant/Toddler Care - Toddler Specialist Network (2013-14) The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Child Welfare Quality Assurance) 93.RD TO1 2,536, The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Economic Services Quality Improvement and NTD (Child Welfare Quality Assurance Review, Economic Services Quality Improvement and NTD (Child Welfare Quality Assurance Review, Economic Services Quality Improvement) 93.RD TO1 2,536, The Purchase of Social Work Tra				
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 294, SFY 2013 DHHS MEQA/PERM Contract 93.RD A20131425A 8, Feasibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health Outcomes to Finance(Phase One) A201410680A 33, SFY 2014 DHIS MEQA/PERM QM Contract 93.RD A201410680A 33, SFY 2014 DHIS MEQA/PERM QM Contract 93.RD A20141425A 807, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia 93.RD A20160088A 345, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related to Dementia (SCVAGAL PROGRAM) 93.RD A20160088A 176, Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program 93.RD A201710237A 903, Data Translation and Interpretation, Research and Technical Assistance SC Medicaid Program 93.RD A201710237A 2920, 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 South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14) 93.RD A21693A South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14) 93.RD M21693A South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14) 93.RD M21693A Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 4, (Isconomic Services Quality Marronement) Services Gocial Work Training for DSS Staff and Agents. Quality Assurance, Review, Economic Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 2,5536, The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability (Icconomic Se		02 PD	A20088A	5 27
with the SC Department of Health and Human Services on the CHIPRA Quality Demonstration Project93.RDA51642A294,SFY 2013 DHHS MEQA/PERM Contract93.RDA20131425A88.Feasibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health93.RDA201410680A33.Outcomes to Finance(Phase One) A201410480A93.RDA201410580A33.35.SFY 2014 DHHS MEQA/PERM QM Contract93.RDA20141425A807.PRTE Evaluation and Wraparound Implementation93.RDA20141425A807.For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A345.for the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A176.to Dementia05.VGAGL PROGRAM)93.RDA20160088A176.93.RDA201710237A903.Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicial Program93.RDA201710237A903.Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA21693A292.0,Technical Assistance and Data Analytics for the SC Medicaid Program93.RDA21693A292.0,Technical Assistance and Data Analytics Strategic Planning Grant93.RDA21693A292.0,State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant93.RDA21693A42.1South Carolina Program for Infa		95.ND	A30066A	5,57
Feasibility Study of a Social Impact Bond to Finance Nurse Family Partnerships(NFP) For Improving Child Health 93.RD A201410680A 33, Outcomes to Finance(Phase One) A201410480A 93.RD A201410680A 33, SFY 2014 DHHS MEQA/PERM QM Contract 93.RD A20141025A 807, PRTF Evaluation and Wraparound Implementation 93.RD A201412571A 95, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20160088A 176, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20160088A 176, To Dementia (SCVAGAL PROGRAM) 93.RD A201710237A 903, Data Translation and Interpretation, Evaluation Research and Technical Assistance SC Medicaid Program 93.RD A201710239A 2,920, Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: 93.RD A201710239A 2,920, State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant 93.RD A21693A South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14) 93.RD A21693A South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14)		93.RD	A51642A	294,18
Outcomes to Finance(Phase One) A201410480A93.RDA201410680A33,SFY 2014 DHHS MEQA/PERM QM Contract93.RDA20141425A807,PRTF Evaluation and Wraparound Implementation93.RDA20141571A95,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A345,to Dementia93.RDA20160088A345,345,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A345,to Dementia (SCVAGAL PROGRAM)91.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710239A2,920,Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation:50505050South Carolina Pogram for Infant/Toddler Care - Toddler Specialist Network (2013-14)93.RD93.RDA21693A503,Child Welfare Quality Assurance93.RD93.RDTO14,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic93.RDTO12,536,The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance93.RD </td <td></td> <td>93.RD</td> <td>A20131425A</td> <td>8,16</td>		93.RD	A20131425A	8,16
SFY 2014 DHHS MEQA/PERM QM Contract93.RDA20141425A807,PRTF Evaluation and Wraparound Implementation93.RDA20141571A95,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A345,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A176,To Dementia93.RDA201700237A903,93.RDA201710237A903,Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710239A2,920,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 Grant93.RDA21693ASouth Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14)93.RDDSS/HHS803,The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic93.RDTO12,536,Child Welfare Quality Msurance)93.RDTO12,536,Services Quality Improvement and NYTD (Child Welfare Quality Assurance)93.RDTO12,536,The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services Quality Improvement and NYTD (Child Welfare Quality Assurance)93.RDTO12,536,The Purchase of				
PRTF Evaluation and Wraparound Implementation93.RDA20141571A95,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related3.RDA20160088A345,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A345,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A176,to Dementia (SCVAGAL PROGRAM)93.RDA201710237A903,Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710237A903,Sotth Carolina Department of Social Services93.RDA21693A500500South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14)93.RDDSS/HHS803,The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic93.RDTO12,536,Services Quality Improvement and NYTD (Child Welfare Quality Assurance)93.RDTO12,536,Services Quality Improvement and NYTD (Child Welfare Quality Assurance)93.RDTO12,536,The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93.RD <td></td> <td></td> <td></td> <td>33,25</td>				33,25
For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20160088A 345, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20160088A 176, For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20160088A 176, Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program 93.RD A201710237A 903, Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program 93.RD A201710239A 2,920, Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: 93.RD A21693A South Carolina Program for Infant/Toddler Care Toduler Specialist Network (2013-14) 93.RD A21693A South Carolina Program for Infant/Toddler Care Toduler Specialist Network (2013-14) 93.RD DSS/HHS 803, The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536, The Purchase of Social Work Trai				
to Dementia93.RDA20160088A345,For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related93.RDA20160088A176,to Dementia (SCVAGAL PROGRAM)93.RDA201700237A903,Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93.RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93.RDA201710239A2,920,Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation:3.RDA201710239A2,920,South Carolina Department of Social Services93.RDA21693A5000 A201710239A2,920,In Purchase of Social Work Training for DSS Staff and Agents Program Realuation and Accountability93.RDDSS/HHS803,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance93.RDT012,536,The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93.RDT012,536,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93.RDT012,536,The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93.RDT012,536,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance93.RDT02T02USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services Qu		93.KD	A20141571A	95,78
For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related 93.RD A20160088A 176,1 to Dementia (SCVAGAL PROGRAM) 93.RD A201710237A 903,0 Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program 93.RD A201710237A 903,0 Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program 93.RD A201710239A 2,920,0 Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: 3.RD A21693A 2,920,0 South Carolina Department of Social Services 93.RD DSS/HHS 803,1 South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14) 93.RD DSS/HHS 803,1 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536,1 (Child Welfare Quality Assurance) 93.RD 93.RD TO1 2,536,1 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536,1 (Child Welfare Quality Mprovement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 2,536,1		93.RD	A20160088A	345,18
Technical Assistance Support for Coordination of Data Reporting and Data Analytics for the SC Medicaid Program93. RDA201710237A903,Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program93. RDA201710239A2,920,Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation:31. RDA2101710239A2,920,State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant93. RDA21693AA21693ASouth Carolina Pogram for Infant/Toddler Care - Toddler Specialist Network (2013-14)93. RDDSS/HHS803,The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic93. RDT014,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance93. RDT012,536,The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93. RDT012,536,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93. RDT012,536,The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability93. RDT012,536,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance93. RDT022,536,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services93. RDT022,536,USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Eco	For the Purchase and Provision of Alzheimer's Disease Registry, Management and Training and Development Related			
Data Translation and Interpretation, Evaluation, Research and Technical Assistance SC Medicaid Program 93. RD A201710239A 2,920,0 Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: 93. RD A21693A 2,920,0 State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant 93. RD A21693A 3.80 .803,0 South Carolina Department of Social Services 93. RD DSS/HHS 803,0 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93. RD TO1 4,0 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic 93. RD TO1 2,536,0 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93. RD TO1 2,536,0 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93. RD TO1 2,536,0 The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance 93. RD TO1 2,536,0 Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93. RD TO1 2,536,0 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, E	to Dementia (SCVAGAL PROGRAM)	93.RD	A20160088A	176,57
Technical Assistance and Data Analytical Support in the Implementation of the CMS Center for Innovation: 3.RD A21693A State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant 93.RD A21693A South Carolina Pepartment of Social Services 93.RD DSS/HHS 803,I The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 4, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance 93.RD TO1 2,536, The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance 93.RD TO1 2,536, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536, The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536, Clean Commic Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 2,536, The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic 93.RD TO1 2,536, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services Quality Improvement, 93.RD TO2 TO1 <td></td> <td></td> <td></td> <td>903,4</td>				903,4
State Demonstration to Integrate Care for Dual Eligible Individuals Strategic Planning Grant 93. RD A21693A South Carolina Department of Social Services		93.RD	A201/10239A	2,920,6
South Carolina Department of Social Services South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14) 93.RD DSS/HHS 803,0 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 4,0 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance 93.RD TO1 2,536,0 Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 2,536,0 The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability 93.RD TO1 2,536,0 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536,0 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536,0 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services Quality Improvement) 93.RD TO2 TO2 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services 93.RD TO2 TO2		93.RD	A21693A	
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD T01 4, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic 93.RD T01 4, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic 93.RD T01 2,536,1 The Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance) 93.RD T01 2,536,1 The Purchase of Social Work Training for DSS Staff and Agents. Program Evaluation and Accountability 100 100 2,536,1 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services 93.RD T02 100				
(Child Welfare Quality Assurance) 93.RD TO1 4, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic 93.RD TO1 4, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance) 93.RD TO1 2,536, The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO1 2,536, USC-DSS: Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO2 10 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services 93.RD TO2 10	South Carolina Program for Infant/Toddler Care - Toddler Specialist Network (2013-14)	93.RD	DSS/HHS	803,0
USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 2,536, The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability (Economic Services Quality Improvement) 93.RD TO2 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services				
Services Quality Improvement and NYTD (Child Welfare Quality Assurance) 93.RD TO1 2,536,1 The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 1 1 2,536,1 (Economic Services Quality Improvement) 93.RD TO2 1 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services 93.RD TO2 1		93.RD	T01	4,45
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability 93.RD TO2 (Economic Services Quality Improvement) 93.RD TO2 USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services		02 80	TO1	3 530 50
(Economic Services Quality Improvement) 93.RD TO2 304 Services Quality Improvement) 93.RD TO2 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Service 305 Staff and Agents. Quality Assurance Review, Economic Services 305 Staff and Service 305 Staff and Se		93.KD	101	2,530,50
USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services		93.RD	TO2	20
Quality Improvement and NYTD (Economic Services Quality Improvement)93.RDTO2266,3				
	Quality Improvement and NYTD (Economic Services Quality Improvement)	93.RD	ТО2	266,34

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
5. Department of Health and Human Services, continued Passed through programs from:			
South Carolina Department of Social Services, continued			
The Purchase of Social Work Training for DSS Staff and Agents Program Evaluation and Accountability			
(National Youth in Transition Survey)	93.RD	T07	17,94
USC-DSS: Purchase of Social Work Training for DSS Staff and Agents. Quality Assurance Review, Economic Services			
Quality Improvement and NYTD (NYTD Survey)	93.RD	т07	328,16
South Carolina Research Foundation	93.RD	0000137866	13
Type 1 Diabetes TrialNet: Natural History of the Development of Type 1 Diabetes A Genetic Model for Early-Onset Breast and Colon Cancer in African Americans	93.RD	000503061-001	56,58
Multigenerational Epigenetic Effects of Cannabis Exposure	93.RD	0255-4641-4609	19,67
Feasibility of a Multicenter Obesity Reduction Community Trial in Region 2	93.RD	091214MKH358040	1,27
A Multi-Center Epidemologic Study of Breast Cancer in African American Women	93.RD	110105SEA00403	2,66
A Multi-Center Epidemologic Study of Breast Cancer in African American Women	93.RD	110105SEA00403	12,16
Tobacco Packing and Labeling Policies	93.RD	114131	1,96
Tobacco Packing and Labeling Policies	93.RD	114131	3,57
Data Management Core for the ITC Project, Evaluating the Effectiveness of Tobacco Control Policies in Low and			
Middle Income Countries	93.RD	115929	25,19
Impact of Physical Activity on Stroke and Cognitive Decline in Older Adults/REGARDS	93.RD	12-745	4,66
Mechanically Guided Urological Tissue Regeneration In Vitro Based on NIH Center of Biomedical Research Excellence	02.00	42602002007562	10.2
(COBRE) for Tissue Regineration - year 4	93.RD	13602092097563	19,20
Biomechanics and Mechanobiology of Atherosclerotic Plaque Failure	93.RD 93.RD	13602092097563 1360-2092097563	66,2
Understanding and Controlling Tissue-specific Vascular Patterning Subaward - ENLACE: A Promotora-Led Physical Activity Intervention Trial for Latinas in Texas	93.RD 93.RD	15349/153179	(6,8
Social-Environmental, Physiologic, and Genetic Determinants of Blood Pressure in Underserved African Americans	93.RD	1F31AG039930-01	6,2
Intervention to Improve Quality of Life for African-American Lupus Patients (IQAN)	93.RD	1K01AR060026-01	18,5
Expanding Mentoring Capacity in High-Risk Populations	93.RD	1K05CA136975-01	29,7
COBRE - Center for Dietary Supplements and Inflammation (Project 3)	93.RD	1P20GM103641-01	23,7
COBRE - Center for Dietary Supplements and Inflammation Microscopy & Imaging Core	93.RD	1P20GM103641-01	(3,1
COBRE - Center for Dietary Supplements and Inflammation (Immune Monitoring Core)	93.RD	1P20GM103641-01	(1)
COBRE - Center for Dietary Supplements and Inflammation (Flow Cytometry Core)	93.RD	1P20GM103641-01	(4
Mechanically Guided Urological Tissue Regeneration in Vitro	93.RD	1P20RR021947-01	(3,5
Aging, Acetylcholine and the Hypothalamus	93.RD	1R01AG030646-01	59,5
Characterization and Genetic Analysis of Aging in Daphnia	93.RD	1R01AG037969-01	51,5
Mast Cell S1P Receptor2 in the Initiation and Progression of Chronic Inflammation	93.RD	1R01AI095494-01	30,5
Role of Natural Indoles in Experimental Autoimmune Encephalomyelitis	93.RD	1R01AT006888-01	20,8
Cell Cycle Specific CDK Inhibitors as Potential Anti-tumor Therapeutics Through Replace	93.RD	1R01CA131368-01	149,9
Targeting Protein Arginine Deiminases to Prevent Colitis and Colon Cancer	93.RD	1R01CA151304-01	4
Stromal Modulation of Response to Thymidylate Synthase Inhibitors	93.RD	1R01CA154731-01	(1,3
Southern Oncology Network on Adverse Reactions (SONAR) - Focus on Tyrosine Kinase Inhibitors (TKIs)	93.RD	1R01CA165609-01	1,8
Prenatal IV nicotine: Long-term Vulnerability to Stimulant Drugs	93.RD	1R01DA021287-01	1,0
Concurrent Treatment of Substance Abuse and Child Maltreatment	93.RD	1R01DA031780-01	(8
Behavioral/Support Intervention for Diet and Exercise Among Underserved Women	93.RD	1R01DK074666-01	8,1
Mechanistic Studies of Iron Regulation in Yeast	93.RD	1R01GM100069-01	(5,4
Multi-Component Intervention to Increase Physical Activity in Preschool Children	93.RD	1R01HD055451-01	13,8
Families Improving Together (FIT) for Weight Loss	93.RD	1R01HD072153-01	5,4
Families Improving Together (FIT) for Weight Loss	93.RD	1R01HD072153-01	244,7
A Partnership to Promote Physical Activity and Healthy Eating in AME Churches	93.RD	1R01HL083858-01	(2
The Role of Fluid Flow in Valvulogenesis	93.RD	1R01HL086856-01	17,5
Physical Activity During the Transition from Elementary School to Middle School	93.RD	1R01HL091002-01	(13,1
Children's Dietary Recalls: Prompts, Retention Interval, and Accuracy	93.RD	1R01HL103737-01	576,1
Children's Dietary Recalls: Prompts, Retention Interval and Accuracy	93.RD	1R01HL103737-01	40,1
Suppression of Cardiac Calcium Channels by Acute Hypoxia	93.RD	1R01HL107600-01	6
Localized Targeting of Matrix Proteases Following Myocardial Infarction	93.RD	1R01HL111090-01	3,3
Physical Activity and Nutrition Intervention in Afterschool Programs	93.RD	1R01HL112787-01	(38,9
Clinical and Policy Implications of a Statewide Emergency Tele psychiatry Program Quality, Economic Outcomes and Sustainability of Tele psychiatry (QUEST)	93.RD 93.RD	1R01MH086239-01 1R01MH100002-01	50,4 114,8
Subunit Dependent Properties of Kainate Receptors	93.RD	1R01NS065869-01	114,0
Sample Size Method and Software Development in Survival Trial with a Cure Rate	93.RD	1R03CA150077-01	7,9
Maximizing Speech Recognition Under Adverse Listening Conditions	93.RD	1R03DC012506-01	5,4
The Role of STARD6 in Ovarian Steroidogenesis	93.RD	1R03HD070126-01	13,9
OPAM: A Conference on Object Perception Attention and Memory	93.RD	1R13EY021087-01	3,4
SsnB, a Chinese Herb-Derived Selective TLR Antagonist	93.RD	1R21AT006767-01	(2,6
Understanding Health Disparities in Cervical Dysplasia and Cancer Through the Identification of Novel Biomarkers,	55110	1121/1000/07 01	(2)0
SIX1 and EGFR	93.RD	1R21CA153139-01	3,0
Understanding Patterns of Change in Obesity and Physical Activity in Adults	93.RD	1R21DK088195-01	8,3
Development of a Long-term, Working Cardiovascular Tissue Slice Culture	93.RD	1R21HL089483-01	(6
Policies to Influence Physical Activity and Nutrition in YMCA Programs	93.RD	1R21HL106020-01	33,6
Mass Casualty Triage Validation Study	93.RD	1R21LM010833-01	10,0
Home-based Exercise for Management of HIV-associated Cardiovascular Disease Risk	93.RD	1R21NR011281-01	35,6
Antibiotics Received in the First Year of Life and Odds of Food Allergy in Children	93.RD	1R40MC23628-01	6
Immune Mechanism Underlying CXCR3 Ligand-Mediated Interstitial Cystitis(IC)	93.RD	1R56DK087836-01	44,3
South Carolina Opiod Safety initiative (SCOSI)	93.RD	1U01FD004266-01	(2
Platelet-Oriented Inhibition in New TIA	93.RD	1U01NS026835-01	20,3
Language Development in Fragile X Syndrome	93.RD	201118600-01	259,8
Evaluation of a Law Enforcement Motor-Vehicle Crash Prevention Program	93.RD	212-2014-M58154	15,2
Advanced Glycation End-Products in Human Myocardium	93.RD	21469 SCRF INIT	
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute			
(Task 1-Scientific Leadership and Project Management	93.RD	236804	74,3
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute			
(Task 6-Training and QA/QC Oversight)	93.RD	236804	101,13

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
5. Department of Health and Human Services, continued			
assed through programs from:			
South Carolina Research Foundation, continued			
Studying Community Programs to Reduce Childhood Obesity - sub-contract with Battelle Memorial Institute (Task 8- analysis & Dissemination)	93.RD	236804	25,6
Snacking in Young Children: Parental Definitions, Goals, and Feeding Practices	93.RD	252272-SCRF	59,9
Reactivity of Transient Cyt P450 Oxygen Intermediates	93.RD	2R01GM026730-19	
Maternal HIV: Developmental Neurotoxicity	93.RD	2R01HD043680-05	48,3
Electrophysiology of Neonatal and Adult Heart	93.RD	2R01HL016152-34	(8
The Virtual Reality Functional Capacity Assessment Tool (VRFCAT) Validation Study	93.RD	2R44MH084240-02	121,0
LIFE - Main Study - sub-contract with Pennington Biomedical Research Center	93.RD	2U01AG0223760S0	45,0
Insulin Resistance Intervention after Stroke (IRIS) Trail	93.RD	2U01NS044876-07	95,8
Effects of the Built Environment, Crime and Food Prices on BMI, Activity and Eating	93.RD	3002153814	10,7
Adoptive Transfer of Immunity Elicied by Attenuated HIV Vaccines	93.RD	317K310	47,7
Analysis and Action on the Environmental Determinants of Health and Health Disparities	93.RD	3P20MD001770-07	87,0
Stromal Modulation of Response to Thymidylate Synthase Inhibitors (Research Supplement for Nikeya Tisdale)	93.RD	3R01CA154731-02	(5
Strengthening the Quality of School Mental Health - Administrative Supplement	93.RD	3R01MH081941-03	:
Emergence and Stability of Autism in Fragile X Syndrome - Administrative Supplement	93.RD	3R01MH090194-02	17,0
Sip 13-073: Design, Implementation and Evaluation of a National Quitline Registry to Enhance Smoking Cessation			
in the United States	93.RD	3U48DP001936-05	96,9
SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCCPCRN)	93.RD	3U48DP001936-05	170,:
SIP-09-027 Healthy Aging Research Network Collaborating Center	93.RD	3U48DP00193605S	68,4
Design, Implementation and Evaluation of a National Quitline Registry to Enhance Smoking Cessation in the United States	93.RD	3U48DP00193605S	21,
South Carolina Cancer Disparities Network-II (PrCa Supplement)	93.RD	3U54CA153461-03	9,1
The Role of COX-2 in Skeletal Development and Osteoarthritis	93.RD	4R00ES016757-02	(1,
Free Radical Mechanism in Obesity Potentiation of Environmental Hepatotoxicity	93.RD	4R00ES019875-02	5,
The Involvement of IL-12 and IL-27 in Immunity to Mycobacterium Tuberculosis	93.RD	4R00HL093300-03	5,
Energy Expenditure Responses to Acute and Chronic Exercise in Older Women	93.RD	4R01AG031297-03	(6,
The Development of Sustained Attention in Infants	93.RD	4R37HD018942-26	40
Cytoskeletal Oscillations: Mathematical Modeling Integrated with Experiments	93.RD	5-33150	48,
Nutrition and Metabolic Status in Youth with Type 1 DM: SEARCH Ancillary Study	93.RD	5-50804	39,
SEARCH for Diabetes in Youth, Phase 3, Year 3 - USC	93.RD	5-52855	74,
Coordinating Center of Excellence in Social Promotion of Health Equity Research - Administrative Care - Year Two Coordinating Center of Excellence in Social Promotion of Health Equity Research - Community Core - Year 2	93.RD	5P20MD001770-07	(25
	93.RD	5P20MD001770-07 5P20MD001770-07	(25,
Coordinating Center of Excellence in Social Promotion of Health Equity Research - RET Core - Year 2	93.RD 93.RD		(13,
Exploring Current Smokers' Interest in Using Smokeless Tobacco Products	93.RD 93.RD	5R01CA141609-04	33,
Improving Safety and Access for Physical Activity - Supplement School Meals and BMI Percentile: Secondary Data Analyses on Non-Self-Report Data	93.RD 93.RD	5R01DK067615-04 5R21HL096035-02	(1,
The South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD		9,
SIP-09-028 Evaluation of a Self-directed, Packaged Physical Activity Program for Adults with Arthritis	93.RD	5U01DD000776-02 5U48DP001936-03	9, 40,
Health Promotion and Disease Prevention Research Centers (CORE)	93.RD	5U48DP001936-04	40, 89,
Health Promotion and Disease Prevention Research Centers (Corce)	93.RD	5U48DP001936-04	188,
Health Promotion and Disease Prevention Research Centers (PAPH)	93.RD	5U48DP001936-04	118,
Health Promotion and Disease Prevention Research Centers (Nat'l PA)	93.RD	5U48DP001936-04	110,
SIP-09-027 Healthy Aging Research Network Collaborating Center	93.RD	5U48DP001936-04	29,
SIP-09-002 South Carolina Cancer Prevention and Control Research Network (SCPCRN)	93.RD	5U48DP001936-04	142,
Health Promotion and Disease Prevention Research Centers: Center Proposal CAT. 1 (Center)	93.RD	5U48DP001936-05	159,
Health Promotion and Disease Prevention Research Centers: Center Proposal CAT. 1 (Research)	93.RD	5U48DP001936-05	192,
South Carolina Cancer Disparities Community Network-II (YR3) Admin Core	93.RD	5U54CA153461-03	30,
South Carolina Cancer Disparities Community Network-II (YR3) Research Core	93.RD	5U54CA153461-03	58,
South Carolina Cancer Disparities Community Network-II (YR3) Community Outreach Core	93.RD	5U54CA153461-03	48,
South Carolina Cancer Disparities Community Network-II (YR3) Training Core	93.RD	5U54CA153461-03	38,
South Carolina Cancer Disparities Community Network-II (YR3) Pilot Project	93.RD	5U54CA153461-03	4,
Bio dosimetry of Children Exposed to Low-Level Radioactive Contamination	93.RD	6(GG006900)	., 11,
Microencapsulation of Oocytes for Low-CPA (cryoprotectant) Vitrification	93.RD	60032969	4,
Bio dosimetry of Children Exposed to Low-Level Radioactive Contamination	93.RD	6GG006900-02	13,
Agricultural Intervention to Improve Health of HIV-affected Children in Kenya	93.RD	7318SC	
Pathways from Food Insecurity to Treatment and Health Outcomes in Women with HIV	93.RD	7440SC	122,
Persistent Hepatitis C Virus Replication and T cell Immunity in Pregnancy	93.RD	763413	6,
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year3 of Competing Renewal)	93.RD	8P20GM103499-12	1,
South Carolina IDeA Network of Biomedical Research Excellence - Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	11,
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Bioinformatics Core			
(Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	1,
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	46,
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - PACD (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	57,
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - USC BMEN (Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Year3 of Competing Renewal)	93.RD	8P20GM103499-12	26,
South Carolina IDeA Network of Biomedical Research Excellence (INBRE) - Administrative Core			
(Year 3 of Competing Renewal)	93.RD	8P20GM103499-12	76,
Expression of a Multigene Family During Development - Pilot Project under INBRE award	93.RD	8P20GM103499-12	11,
Genes Mediating Cardiac Hypertrophy during Pregnancy (Pilot Project under INBRE award)	93.RD	8P20GM103499-12	
Alcoholism and Schizophrenia: "Translational Approach to Treatment"	93.RD	920	
Effects of Criminal Justice System Exposure on Youth's Substance Use Trajectories	93.RD	B300773	56,
A Sensor-based Remote Monitoring System to Prevent Falls in Older Adults	93.RD	ENVIRON & HLTH	27,
A Translational Approach to Heterogeneity of Pain in Pediatric Sickle Cell Anemia	93.RD	FHL108582A	2,
Methodological Developments in the Prevention of Adolescent Drug Use	93.RD	KDA024116A	36,
Continuous Monitoring of Anti-Fibrinolytic Therapy in Cardiovascular Surgery	93.RD	MICRO VIDE LLC	23,
South Carolina Clinical and Translational Research Institute (SCTR)	93.RD	MUSC09-078	3,
South Carolina Clinical and Translational Research Institute (SCTR)	93.RD	MUSC09-078	23,
Antihypertensive Treatment of Acute Cerebral Hemorrhage (ATACH-II): A Phase III Randomized Multicenter Clinical Trail			
of Blood Pressure Reduction for Hypertension in Acute Intracerebral Hemorrhage	93.RD	N000936945	8,3

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
I.S. Department of Health and Human Services, continued			
Passed through programs from:			
South Carolina Research Foundation, continued			
Center for CAM Research on Autoimmune and Inflammatory Diseases - Admin. Core	93.RD	PAT003961A	12,2
Center for CAM Research on Autoimmune and Inflammatory Diseases - Immunotox. Core Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 1	93.RD 93.RD	PAT003961A PAT003961A	63,8 65,2
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 1	93.RD	PAT003961A	56,6
Secretory Patterns of Senescent Tumor Cells	93.RD	RAG028687B	121,0
Thymidylate Synthase and Fluorodeoxyuridine Resistance	93.RD	RCA044013F	44,7
Reducing Cancer Disparities: Incident Cancer After Colonoscopies by Primary Care Doctors	93.RD	RCA156098A	53,4
Development of an Innovative Physical Activity Self-report Instrument for Youth	93.RD	RCA158577A	60,0
Synaptic Organization of the Basolateral Amygdala (2008 resubmission)	93.RD	RDA02730D	85,1
BK Channel Function and Regulation in Urinary Bladder Smooth Muscle	93.RD	RDK084284B	81,
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	RES012895B	44,
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	RES012895B	23,
Methods to Detect Maternal Exposures and Child Outcomes	93.RD	RES012895B	32,
Assessment of Health Services Needs Pre-and Post-Disaster in Rural SC	93.RD	RES017239A	56,
Maternal Methyl mercury Exposure Through Rice Ingestion and Offspring Development	93.RD	RES022409A	154,
Mammary Gland Laterality in Normal and Neoplastic Development	93.RD	RHD068993A	80,
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers	93.RD	RHL095799A	21,
Chronic Moderate Sleep Restriction in Older Long and Older Average Sleepers (Diversity Supplement - Shelli James)	93.RD	RHL095799A	2,
Monocyte MicroRNA-155 and Atherogenesis	93.RD	RHL106325A	102,
Comparative Effectiveness of Group Prenatal Care on Women's Psychosocial Health	93.RD	RHS021975A	7,
Diet & Activity Community Trial: High-Risk Colon Polyps	93.RD	RMD002769A	322,
Amygdala Neuropeptides and Anxiety	93.RD	RMH063344B	61
Diabetes Prevention Program Outcomes Study - USC Site	93.RD	S-DDP1213-JB05	(4
Diabetes Prevention Program Outcomes Study (DPPOS)	93.RD	S-DPP1314-JB05	26
CDK3-Inhibiting Anticancer Agents	93.RD	SENEX BIO INC	38,
Quit Advisor MD	93.RD	SILVERCHAIR	22,
Snacking in Young Children: Parental Definitions, Goals, and Feeding Practices	93.RD	TEMPLE U	2,
Long-Term Lung Health After Exposure to Chlorine Gas	93.RD	TULHSC276-11/12	45,
Rural Health Research Center Cooperative Agreement	93.RD	U1CRH03711CO	98
Rural Health Research Center Cooperative Agreement 2013-2014	93.RD	U1CRH03711CO	381
Rural Health Research Center Cooperative Agreement 2013-2014	93.RD	U1CRH03711CO	49
The South Carolina Study for Adolescents and Young Adults with Rare Conditions	93.RD	UDD000776A	114
Three State Rare Conditions Surveillance Project	93.RD	UDD000927A	223
Three State Rare Conditions Surveillance Project	93.RD	UDD000927A	89
Three State Rare Conditions Surveillance Project	93.RD	UDD000927A	72
Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities	93.RD	UDD001007A	29
Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities	93.RD	UDD001007A	15
Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities	93.RD	UDD001007A	798
Project to Learn about Youth-Mental Health (PLAY-MH)	93.RD	UDD001007A	114
Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities	93.RD	UDD001007A	381
Coordinating Center for Research and Training to Promote the Health of People with Developmental and Other Disabilities	93.RD	UDD001007A	130
Contribution of Toll-like Receptors in the Pulmonary Response to Nanoparticles and Pathogens	93.RD	UF12197/R01HL11	25
PCSK9, Lipoprotein Receptors, and Atherosclerrosis	93.RD	VUMC38212	122
Systolic Blood Pressure Intervention Trial (SPRINT)	93.RD	WFUHS 30209	90
Systolic Blood Pressure Intervention Trial(SPRINT)	93.RD	WFUHS30215	55
Air Pollution, Subclinical CVD and Inflammatory Markers in the SEARCH Cohort	93.RD	Z036107	132
Use of a Community-University Partnership to Eliminate Environmental Stressors (Sub-Contract)	93.RD	Z037701	69
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	CH36	10
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	FIRST STEPS TO	87
Total U.S. Department of Health and Human Services			48,137
•			,
. Department of Homeland Security			
assed through programs from:			
South Carolina Research Foundation Mobile Geospatial Situational Awareness for Field and Command Staff During The Emergency Response Phase	07.00	115110056 11600140	113
	97.RD	HSHQDC-11C00140	112
Tracking Airborne and Satellite Remote Sensing Collection Assets for Emergency Response Phase	97.RD	HSHQDC-11C00151	104
Geospatial Risk Assessment Protocols	97.RD	4100033643	91
South Carolina Universities Research and Education Foundation			
Nuclear Forensics Junior Faculty Award Program	97.RD	NF13001	126
Nuclear Forensics Junior Faculty Award Program	97.RD	NF13004	485
South Carolina State Law Enforcement Division			
FY 2010 Buffer Zone Protection Program	97.RD	10BZPP02	1
Critical Infrastructure Equipment Enhancements	97.RD	10SHSP46	27
University of North Carolina			
E2E Project: Identifying and Analyzing the Driving Forces of Hurricane Recovery for Disaster Stricken Areas to Improve			
Long-term Planning	97.RD	5-36314	123
Total U.S. Department of Homeland Security			1,073
5. Agency for International Development	00.00	EDD100.04.00034	
An Assessment of Maili Meteorological Service's Agro meteorological Program	98.RD	EPP100-04-00024	58
An Assessment of Mali Meteorological Service's Agro meteorological Program	98.RD	EPPI00040002400	4
			4
nternational Resources Group	00.55	101030 501010 5	
nternational Resources Group Research and Implementation Related To Adaptation to Climate Change	98.RD	101038.5010IQC	
International Resources Group	98.RD 98.RD	101038.5010IQC EPP10004-00024	
nternational Resources Group Research and Implementation Related To Adaptation to Climate Change			121, 189,

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
udent Financial Assistance Cluster U.S. Department of Education			
SEOG 2012-2013 2 Yr Campus	84.007	P007A123812	27,6
SEOG 2013-2014 2 Yr Campus	84.007	P007A133812	94,3
SEOG Clearing Account	84.007	P007A133812	(1,3
SEOG 2012-2013 Aiken	84.007	P007A127399	(1,0
SEOG 2013-2014 Aiken	84.007	P007A137399	84,4
SEOG 2010 - 2011 Beaufort	84.007	P007A108840	2,8
SEOG 2011 - 2012 Beaufort	84.007	P007A118840	(3,8
SEOG 2012 - 2013 Beaufort	84.007	P007A128840	(14,4
SEOG 2013 - 2014 Beaufort	84.007	P007A138840	50,
SEOG Clearing Account-Spartanburg	84.007	P007A137400	1
SEOG 2011-2012 USC Upstate	84.007	P007A127400	8,
SEOG 2013-2014 Spartanburg	84.007	P007A137400	162,
SEOG Clearing Account	84.007	P007A133813	(
SEOG 2013-2014 Columbia	84.007	P007A133813	514,
CWS Grant Program Federal Liability	84.033		11,
College Work-Study Clearing Acct-Federal	84.033	P033A133812	8,
FWS 2011-2012 - Sumter	84.033	P033A113812	1,
FWS 2011-2012 - Lancaster	84.033	P033A113812	1,
FWS 2011-2012 - Salkehatchie	84.033	P033A113812	1,
FWS 2011-2012 - Union	84.033	P033A113812	1,
FWS 2012-2013 - Sumter	84.033	P033A123812	(
FWS 2012-2013 - Lancaster	84.033	P033A123812	1,
FWS 2012-2013 - Salkehatchie	84.033	P033A123812	(
FWS 2012-2013 - Union	84.033	P033A123812	(1,
FWS 2013-2014 - Sumter	84.033	P033A133812	46,
FWS 2013-2014 - Lancaster	84.033	P033A133812	29,
FWS 2013-2014 - Salkehatchie	84.033	P033A133812	54,
FWS 2013-2014 - Union	84.033	P033A133812	25,
College Work-Study Clearing Acct-Federal	84.033	P033A137399	(3,
College Work-study 2011-2012 Aiken	84.033	P033A117399	(
College Work Study 2012-2013 Aiken	84.033	P033A127399	15,
College Work-study 2013-2014 Aiken	84.033	P033A137399	67,
FWS Clearing Account - Beaufort	84.033	P033A138840	(5,
FWS 2011-2012 Beaufort	84.033	P033A118840	(
FWS 2012-2013 Beaufort	84.033	P033A128840	20,
FWS 2013-2014 Beaufort	84.033	P033A138840	44,
College Work Study Clearing Account	84.033	P033A137400	(8,
College Work-Study 2012-2013 USC Upstate	84.033	P033A127400	46,
College Work-Study 2013-2014 USC Upstate	84.033	P033A137400	70,
College Work-Study Clearing Acct-Federal	84.033	P033A133813	, 0,
FWS Community Service-Clearing Account	84.033	P033A133813	(11,
College Work-Study 2011-2012 Columbia	84.033	P033A113813	(11,
	84.033	P033A123813	4, 436,
College Work-Study 2012-2013 Columbia	84.033		
College Work-Study 2013-2014 Columbia		P033A133813	(128,
CWS Job Location & Development 2013-2014	84.033	P033A133813	50,
College Workstudy Prog Instruction 12-13	84.033	P033A123813	10,
College Workstudy Prog Instruction 13-14	84.033	P033A133813	281,
College Workstudy Prog Research 12-13	84.033	P033A123813	4,
College Workstudy Prog Research 13-14	84.033	P033A133813	134,
College Workstudy Prog/Public Svs 12-13	84.033	P033A123813	2,
College Workstudy Prog/Public Svs 13-14	84.033	P033A133813	51,
College Workstudy/Academic Sup Lib 12-13	84.033	P033A123813	
College Workstudy/Academic Sup Lib 13-14	84.033	P033A133813	12,
College Workstudy/Academic Sup Oth 12-13	84.033	P033A123813	1,
College Workstudy/Academic Sup Oth 13-14	84.033	P033A133813	41,
College Workstudy/Student Services 12-13	84.033	P033A123813	1,
College Workstudy/Student Services 13-14	84.033	P033A133813	40,
College Workstudy/student Services 15 14 College Workstudy/inst Support 12-13	84.033	P033A123813	-40, 2,
College Workstudy/Inst Support 12-13	84.033	P033A123813	2, 64,
College Workstudy/Mst 30pport 15-14	84.033	P033A123813	2,
College Workstudy/O&M 12-15	84.033	P033A123813	2, 53,
College Workstudy/Auxiliary 12-13	84.033	P033A123813	3,
College Workstudy/Auxiliary 13-14	84.033	P033A133813	120,
College Workstudy/Scholarships 12-13	84.033	P033A123813	
College Workstudy/Scholarships 13-14	84.033	P033A133813	77,
Federal Perkins Loan Program 2012-2013 Columbia	84.038	P038A133813	3,060,
Federal Perkins Loan Program 2012-2013 2 Yr Campuses	84.038	P038A133812	55,
Federal Perkins Loan Program 2012-2013 Aiken	84.038	P038A127399	207,
Federal Perkins Loan Program 2012-2013 Spartanburg	84.038	P038A127400	230,
Federal Perkins Loan Program Sumter	84.038	P038A133812	71,
Federal Perkins Loan Program Lancaster	84.038	P038A133812	124,
Federal Perkins Loan Program Salkehatchie	84.038	P038A133812	61,
Federal Perkins Loan Program Union	84.038	P038A133812	86,
Pell Grant Program Federal Liability	84.063		(
Pell Grant Admin Allow FY 2013-2014	84.003	PO63Q133261	11,
Pell Grant Program 2012-2013 / Sumter	84.063	P063P123261	5,
	84.063	P063P123261	29,
Pell Grant Program 2012-2013 / Lancaster Pell Grant Program 2012-2013/Salkehatchie	84.063	P063P123261	(

Compariment of Education, continued 94.043 94	Endoral another	nassathrough granter orogram title	Federal CFDA number	Grant number	Expenditures
el Gone Ingergan 2013 2014 Janesare el Gone Pergera 2013 2014 Janesare el Gone Pergera 2013 2014 Janesare el Gone Degra 2013 2014 Janesare el Gone 2013 2014		pass-un ough grantor/program title		Grant number	Expenditures
el Goot forgam 2013-2014 (Juncater de Goot forgam 2	•		84.002	00000100001	1 550 5
all const frigore .013.2014 John (1997)84.063605191.32all const 2012 .013 John (1997)85.064605191.32all const 2012 .013 John (1997)84.063605191.22all const 2012 .013 John (1997)84.063605190.27all const 2012 .013 John (1997)84.063605190.27all const 2012 .013 John (1997)84.063605190.27all const 2013 .014 Adven (1997)84.063605190.27all const 2014 .013 John (1997)84.063605192.22all const 2013 .013 Log (1997)84.063605192.22all const 2013 .013 Log (1997)84.063605192.22all const 2013 .013 Log (1997)84.06376511.23all const 2013 .014 Log (1997)84.06376511.23					1,558,5 2,775,5
ei Garl Afri Afri Afri Afri Afri Afri Afri Afri					2,801,2
all Gard 2012 2012 Aken55.0660512122all Gard 2013 2013 Aken44.0660612122all Gard 2013 2014 Aken44.0660612122all Gard 2013 2014 Aken44.0660612122all Gard 2013 2014 Aken44.0660612122all Gard 2013 2014 Cancer44.0660612122all Gard 2013 2014 Cancer44.0660612122all 2012 2013 Backadort44.0660612127all 2012 2013 Backadort44.0660612127all 2012 2013 Backadort44.0660612127all 2012 2013 Cancer44.0660612127all 2012 2013 Cancer44.0660612127all 2012 2013 Cancer44.0660612127all 2012 2013 Cancer44.0660612122all 2012 2013 Cancer44.0660612122all 2012 2013 Cancer44.0660612122all 2013 2014 Cancer44.0660612122all 2013 2014 Cancer44.0660612122all 2013 2014 Cancer44.0670612122all 2013 2014 Cancer44.0670612122 <tr< td=""><td></td><td></td><td></td><td></td><td>1,308,0</td></tr<>					1,308,0
all Gang All and Jang All and Y 2012 2013 All and Y 2012 2013All GGP0501222all Gang All and Jang All and Y 2012 2013All GGP0501222all Gang All and Jang All and Y 2012 2013All GGP0501222all Gang All and Jang All and Y 2012 2013All GGP0501225all Gang All and Jang All and Y 2012 2013All GGP0501225all Gang All and Jang Y 2012 2013All GGP0501275all Gang All and Jang Y 2012 2013All GGP0501272all Gang All and Jang Y 2012 2014All GGP0501272all Gang All and Jang Y 2012 2014All GGP0501272all Gang All and Jang Y 2012 2014All GGP0501272all Gang All and Jang Y 2012 2013All GGP0501272all Gang All and Jang Y 2012 2013All GGP0501272all Gang All and Jang Y 2012 2013All GGP2501272all Gang All and Y 2012 2013All GGP2501272all Gang All And Y 2012 2013All GGP2501272all Gang All And Y 2012 2013All GGP250128 <t< td=""><td></td><td></td><td></td><td></td><td>1,506,0</td></t<>					1,506,0
all and mail and mail and mail of y 2012-2013All of all of Social 122all and mail and					10,7
eil Gard Admin Allow 7313-201464.0660517122eil Gard Admin Allow 7313-201564.0660517122eil Gard Admin Allow 7313-201564.0660517127eil Gard Admin Allow 7313-201464.0660517127eil Gard Admin Allow 7313-201464.0660517127eil Gard Admin Allow 7313-201464.0660517127eil Gard Admin Allow 7313-201464.0660517127eil Gard Admin Allow 7313-201464.0660517122eil Gard Admin Allow 7313-201464.0660517122eil Gard 2012-2013 Cuburbia64.0660517122eil Gard 2012-2013 Cuburbia64.0660517122eil Gard 2012-2013 Cuburbia64.0660517122eil Gard 2012-2013 Cuburbia64.0676581722eil Gard 2013-2014 Cuburbia64.0676581722eil Gard 2013-2014 Cuburbia64.0676581722eil Gard 2013-2013 Cuburbia64.0676581722eil Gard 2013-2014 Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia64.0676581722eil Cuburbia7658175681467eil Cuburbia7658175681457eil Cuburbia7658175681457eil Cuburbia7658175681457eil Cuburbia7568175681					10,7
eli Ganz Admin Allow PY 2013-201481.6.8965.0123eli Z003 - 2010 Beautori84.0.896581057eli Z013 Cla Z013 Beautori84.0.896581127eli Z013 - 2010 Beautori84.0.896581127eli Z013 - 2010 Beautori84.0.8965811237eli Z013 - 2010 Beautori84.0.8965811237eli Z013 - 2010 Deautori84.0.8965811237eli Ganz Admin Allow PZ 2013-201484.0.8965811232eli Ganz Admin Allow PZ 2013-201484.0.8965811232eli Ganz Admin Allow PZ 2013-201484.0.8965811232eli Ganz Z013 Cla Clumbia84.0.8965811232eli Ganz Z013 Clumbia84.0.8926811232eli Ganz Z013 Clumbia84.0.8926811232eli Ganz Z013 Clumbia84.2.892681123eli Ganz Z013 Clumbia84.2.892681123eli Clumbia Program Z013 Clubia84.2.8926811263eli Clumbia Program Z012 Clubia84.2.8926811263eli Clumbia Program Z0					5,791,7
eil 2009. 2012 0000 Beaufort84.00096050027eil 2012 - 2013 Beaufort84.00196051027eil 2013 - 2014 Beaufort84.00196051027eil 2014 - 2014 Beaufort84.20896051027eil 2014 - 2013 Beaufort84.20896051027eil 2014 - 2014 Beaufort <td></td> <td></td> <td></td> <td></td> <td>7,1</td>					7,1
 a) 2012-2013 Bashori a) 2013 Canta dami, A) 2012-2013 Bashori b) 2013-2014 Bashori c) 2014 Bashori c) 2013-2014 Bashori c) 2014-2013-2014 c) 2014-2013-2014 c) 2014-2013-2014 c) 2014-2014-2014 c) 2014-2014 c) 2014-2014-2014 c) 2014-2014 c) 2014-2014-2014 c) 2014-2014 c) 2014-2014-2014 c) 2014-2014					(3,4
eil Gran Adm. Adm. 2012.2013 Beaufort84.06965.0123eil Gran Adm. Adm. 2013. 2014 Beaufort84.069656.0123eil Gran Adm. Adm. 2013. 2014 Beaufort84.069656.0123eil Gran Adm. Adm. 2013. 2014 Beaufort84.069656.0123eil Gran Adm. Adm. 2017. 2013. 201484.069656.0123eil Gran Adm. Adm. 2017. 2014.84.069656.0123eil Gran Adm. Adm. 2017. 2014.84.069659.0123eil Gran Adm. Adm. 2017. 2014.84.069659.0123eil Gran Adm. Adm. 2017. 2014.84.069659.0123eil Gran Adm. Adm. 2017. 2014.84.26P5681.023eil Gran Adm. Adm. 2017. 2014.84.26P5681.023eil Gran Adm. Adm. 2017. 2013.84.26P5681.023eil Gran Adm. Adm. 2017. 2013.84.26P5681.023eil Gran Adm. Adm. 2017. 2013.84.26P5681.023eit Clans Ngram. 2013. 2014.84.26P5681.023eit Clans Ngram. 2013. 2013.84.26P5681.024eit Clans Ngram. 2013. 2014.84.26P5681.024eit Clans Ngram. 2013. 2014.84.26P5681.024eit Clans Ngram. 2013. 2014.84.26P5681.024eit Clans Ngram. 2012. 2013.84.26P5681.024eit Clans Ngram.	Pell 2012 - 2013 Beaufort			P063P125738	6,6
 a) 2013-2014 Searcher a) 2013-2014 Searcher b) 2013-2014 Searcher b) 2013-2013 c) 2013-2014 c) 2013-2014 c) 2013-2014 c) 2013-2014 c) 2013-2014 c) 2014-2014 c)				P063Q125738	1
ell om Admin All 2013 2014 Beaufort84.0890561122ell om Admin Allow 7 2013-201364.06.3990561232ell om Admin Allow 7 2013-201484.06.3990561232ell om Admin Allow 7 2013-201484.0890561232ell om Admin Allow 7 2013-201484.0890561232tiert Lan Porgan 2013-201484.2892564123tiert Lan Porgan 2013-201484.2892564133tiert Lan Porgan 2013-201484.2892564132tiert Lan Porgan 2013-201484.2892564132tiert Lan Porgan 2013-201484.2892564132tiert Lan Porgan 2013-2014 </td <td>Pell 2013 - 2014 Beaufort</td> <td></td> <td></td> <td>P063P135738</td> <td>2,892,7</td>	Pell 2013 - 2014 Beaufort			P063P135738	2,892,7
eii Gent 2022.03 (2023) eii Gent 2023.04 (202				P063Q135738	3,7
eil Grant dumi Ander Y 2013 201490.68 10.08 00.05112.28eil Grant dumi Ander Y 2013 201484.063 00.05112.28eil Grant dumi Ander Y 2013 201484.063 00.05112.29eil Grant dumi Ander Y 2013 201484.063 00.05112.29eil Grant dumi Ander Y 2013 201484.068 00.05112.29eil Grant dumi Ander Y 2013 201484.068 00.05112.29ein Et dum Y 2013 201484.068 00.05112.29ein Et dum Y 2013 201484.268 00.05112.29ein Et dum Y 2013 20.0				P063Q122877	1
ei Gent Addin 2012 OUS Cupste ei Gent Addin 2014 OUS Cupste ei Gen				P063P122877	24,1
eli Gard 2012 2013 Columbia90 6619122eli Gard 2012 2013 Columbia84.063P0551122tiret Loan Program 2012-201384.064P0561122tiret Loan Program 2012-201384.268P268122tiret Loan Program 2012-201384.268P268123tiret Loan Program 2012-201484.268P2681269tiret Loan Program 2012-201384.268P2681269tiret Loan Program 2012-201384.268P2681269tiret Loan Program 2012-201384.268P2681269tiret Loan Program 2012-201484.268P2681269tiret Loan Program 2012-201384.268P2681269tiret Loan Program 2012-201384.268P2681269tiret Loan Program 2012-201484.268P2681269tiret Loan Program 2012-201484.268P2681269tiret Loan Program 2012-201484.268P268129tiret Loan Program 2012-2014 <td></td> <td></td> <td></td> <td>P063Q132877</td> <td>13,8</td>				P063Q132877	13,8
eil Grant Admi AMS P2 2013-201484.08906 311.22eil Grant Admi AMS P2 2013-201484.08906 311.22eil Grant Admi AMS P2 2013-201484.28P2681.122tiret Lan Program 2013-201284.28P2681.122tiret Lan Program 2013-201384.28P2681.122tiret Lan Program 2013-201484.28P2681.123tiret Lan Program 2013-201484.28P2681.126tiret Lan Prog					10,958,7
eii Grant 23.3201 Account 4400 PS 201322 irect Laon Program 2013-2014 Account 42.68 PS 2005 irect Laon Program 2013-2013 44.268 PS 2005 irect Laon Program 2013-2013 44.268 PS 2005 irect Laon Program 2013-2014 44.268 PS 2005 irect Laon Program 2013-2013 44.268 PS 2005 irect Laon Program 2013-2014 44.268 PS 2005 irect Laon Program 2013-2013 44.268 PS 2005 irect Laon Program 2013-2014 44.268 PS 2005 irect Laon Progra					36,6
eil Grant 2013-2014 Columbia 44.061 94.062 9					29,4
iver team program izability Account 42.06 PC 9681122 iver team program 2012-021 42.06 PC 9681122 iver team program 2013-021 42.06 PC 9681122 iver team program 2013-021 42.06 PC 9681132 iver team program 2013-021 42.06 PC 9681132 iver team program 2013-021 42.06 PC 9681132 iver team program 2013-021 42.06 PC 9681136 iver team program 2013-021 42.07 PC 9777122 iver team program 2013-021 42.07 PC 977712 iver team prog					
ivert can program 2012-2013 42.268 P26811222 ivert can program 2013-2014 42.268 P26811232 ivert can program 2013-2014 42.268 P26811232 ivert can program 2013-2014 42.268 P26811232 ivert can program 2013-2014 42.268 P26811326 ivert can program 2013-2014 42.268 P26811326 ivert can program 2013-2013 42.268 P26811426 <pp< td=""><td></td><td></td><td></td><td>P003P132200</td><td>24,014,4</td></pp<>				P003P132200	24,014,4
intert cans program 2012-2013 44.268 PS6814222 intert cans program 2013-2014 44.268 PS6814232 intert cans program 2013-2013 44.268 PS6814323 intert cans program 2013-2013 44.268 PS6814326 PS6					
iret clam Program 2013-2014 iret clam Program 2012-2013 iret clam Program 2013-2014 iret clam Program 2013-2014 iret clam Program 2012-2013 iret clam Program 2013-2014 iret clam Program 2012-2013 iret clam Program 2013-2014 iret clam Program 2014 iret clam Program 2014 iret clam Program 2014<	5			P268K122201	244
inter Lan Program 2012-2013 inter Lan Program 2013-2014 inter Lan Program 2013-2013 inter Lan Program 2013-2014 inter Lan Pro	-			P268K132201	211,6
inet clam Program 2013-2014 64.268 P26841269 inet clam Program 2013-2014 84.268 P26841369 P26841369 inet clam Program 2013-2014 84.268 P26841369 inet clam Program 2013-2014 84.268 P26841369	Direct Loan Program 2013-2014			P268K142201	16,375,2
incl44.26P26812380incl44.28P26812480incl44.28P2681	Direct Loan Program 2012-2013			P268K135738	37,2
iret can Program 2013-2014 B4.268 P268011368 P26801368 P2791122 <pp< td=""><td>Direct Loan Program 2013-2014</td><td></td><td>84.268</td><td>P268K145738</td><td>8,889,6</td></pp<>	Direct Loan Program 2013-2014		84.268	P268K145738	8,889,6
iret can Program 2013-2013 B4268 P26801468 P26801468 P26801468 P26801468 P26801468 P26801468 P26801468 P26801468 P26801467 P26801428 P27801428 P2781428 P2781428 P2781428 P2781428 P2781428 P281428 </td <td>Direct Loan Program 2012-2013</td> <td></td> <td>84.268</td> <td>P268K136800</td> <td>10,5</td>	Direct Loan Program 2012-2013		84.268	P268K136800	10,5
hiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2013 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2013 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1428) kiret can Program 2013-2014 84.278 P37911222 cach Gran 2013 2014 USC Upstree each Gran 2013 2014 USC Upstree sech Gran 2014 USC Upstree sech Gran 2013 2014 USC Upstree sech G	Direct Loan Program 2013-2014		84.268	P268K146800	2,350,6
hiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2013 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1458) kiret can Program 2013-2013 84.268 P2588(1458) kiret can Program 2013-2014 84.268 P2588(1428) kiret can Program 2013-2014 84.278 P37911222 cach Gran 2013 2014 USC Upstree each Gran 2013 2014 USC Upstree sech Gran 2014 USC Upstree sech Gran 2013 2014 USC Upstree sech G	Direct Loan Program 2012-2013		84.268	P268K136804	97,4
inct Loan Program 2013-201384.268P26801467inct Loan Program 2013-201384.268P26801468inct Loan Program 2013-201384.268P26801468inct Loan Program 2013-201384.268P26801468inct Loan Program 2013-201384.268P26801428inct Loan Program 2013-201484.268P26801428inct Loan Program 2013-201384.268P26801428inct Loan Program 2013-201484.268P26801428inct Loan Program 2013-201484.379P37971422each Gran 2013 2014 Alken84.379P37971422each Gran 2013 2014 July84.379P37971422each Gran 2013 2014 Outphal84.379P37971422each Gran 2013 2014 Outphal93.364NONEuning Student Loan - Columbia Acciaurea93.364NONEuning Student Loan - Columbia Acciaurea93.364NONEuning Student Loan - Columbia Acciaurea93.364NONEuning Student Loan - Sociate93.364NONE <tr< td=""><td>Direct Loan Program 2013-2014</td><td></td><td></td><td>P268K146804</td><td>4,164,</td></tr<>	Direct Loan Program 2013-2014			P268K146804	4,164,
inert con Program 2013-201484.268926811682irect con Program 2013-201384.268926811682irect con Program 2013-201384.268926811322irect con Program 2013-201384.268926811322irect con Program 2013-201384.268926811322irect con Program 2013-201484.268926811322irect con Program 2013-201484.268926811322each Grant 2013 2014 Men84.379937971422each Grant 2013 2014 Men84.379937971422each Grant 2013 2014 USC Upstate84.379937971422each Grant 2013 2014 OSC Upstate84.379937971422each Grant 2013 2014 OSC Upstate84.379937971422indimia Murain Bervices84.379937971422otal US. Department of Education83.263AFL Programindimia Murain Bervices93.2643AFL Programindimia Murain Bervices93.342NONEItalih Professions Student Loan - Columbia Medicine93.342NONEUaring Student Loan - Columbia Medicine93.344NONEUaring Student Loan - Columbia Medicine93.344NONEUaring Student Loan - Columbia Medicine93.344NONEUaring Student Loan - Subart Hancid Medicine93.344NONEUaring Student Loan - Subart Bervices93.344NONEUaring	-				(7,8
inct Loan Program 2012-201384.268P25811486inct Loan Program 2013-201484.268P25811436inct Loan Program 2012-201384.268P25811436inct Loan Program 2012-201384.268P25811436inct Loan Program 2012-201384.268P25811436inct Loan Program 2013-201484.268P25811436inct Loan Program 2013-201484.379P37911422each Grant 2013 2014 Alken84.379P37911422each Grant 2013 2014 Alken84.379P37911422each Grant 2013 2014 Columbia84.379P37911422each Grant 2013 2014 Columbia84.379P37911422each Grant 2013 2014 Columbia84.379P37911422each Grant 2013 2014 Columbia84.379P37911422Total J.S. Department of Education84.379P37911422Papartment of Health and Huma Services93.264NONELuring Student Loan - Columbia Pharmacy93.342NONELuring Student Loan - Columbia Abeciate93.364NONELuring Student Loan - Columbia Abeciate93.364NONELuring Student Loan - Spartanout Massociate93.364NONELuring Student Loan - Spartanout Sociate93.364NONELuring Student Loan - Spartanout Massociate93.364NONELuring Student Loan - Spartanout Generation93.364NONELuring Student Loan - Spartanout Massociate93.364NONELuring Student Loan - Spartanout Generation93.364NONELuring Student Loan - Spartanout Generation93.					4,346,0
inter ton Program 2013-201484.268926811268irect ton Program 2013-201384.268926811263irect ton Program 2013-201384.268926811423irect ton Program 2013-201484.268926811423each Grant 2013 2014 Men84.278925811423each Grant 2013 2014 Men84.3799739711423each Grant 2013 2014 Men84.3799739711423each Grant 2013 2014 USC Upstate84.3799739711423each Grant 2013 2014 Oktem84.3799739711423each Grant 2013 2014 Oktem84.3799739711423each Grant 2013 2014 Oktem84.3799739711423indimia Nursing Faculty toan Program82.2643.NE Programolumbia Nursing Faculty toan Program93.242NONEleath Professions Student toan - Columbia Pharmacy93.342NONElursing Student Loan - Columbia Associate93.344NONElursing Student Loan - Columbia Associate93.344NONElursing Student Loan - Sacrath Program93.344NONElursing Student Loan - Sacrath Program93.344NONElursing Student Loan - Sacrath Program93.344NONElursing Student Loan - Sacrath Program84.046P6641100catol Joportunity Centers Program84.046P6641100catol Opportunity Centers Program84.042P6421010catol Sudent Subcet Science Science84.042P6421010student Support Services (SS)Grant In-Adid84.042P6421010Student Support Services (SS)S	-				5,1
biret coan Program 2012-2013 42.68 426881 428 426881 428 426881 428 biret coan Program 2013-2014 84.268 426881 428 biret coan Program 2013-2013 84.268 426881 428 426881 428 biret coan Program 2013-2014 84.268 426881 428 426881 428 426881 428 427881 428 43791 1228 Total U.S. Department of Education 52841 428					2,048,9
biret toan Program 2013-2014 42.68 P268K1422 biret toan Program 2013-2014 84.268 P268K1422 biret toan Program 2013-2014 84.268 P268K1422 biret toan Program 2013-2014 84.279 P379T1422 beach Grant 2013 2014 JKL Upstate 84.379 P379T1422 beach Grant 2013 2014 JKL Upstate 84.379 P379T1422 beach Grant 2013-2014 OKL Upstate 83.342 NONE Unstig Student Loan - Columbia Medicine 93.344 NONE Unsing Student Loan - Columbia Baccalaureate 93.344 NONE None None None None None 93.344 NONE None None None 93.344 None N	-				
liret con Program 2012-2013 iret con Program 2013-2014 iret con Program 2014-2014 iret con Program 201	-				244,3
liret loap Program 2013-2014 each Grant 2013 2014 Visc Upsate each Grant 2013 2014 Visc Upsate each Grant 2013 2014 Visc Upsate each Grant 2013-2014 USC Upsate each Grant 2013-2014 Columbia each Grant 2014 each Grant 2014 each Grant 2014 each e	-				29,973,3
each Grant 2012 2013 Alken84.379973711322each Grant 2013 2014 USC Upstate84.379973711323each Grant 2013-2013 Columbia84.379973711324each Grant 2013-2014 Columbia84.379973711324each Grant 2013-2014 Columbia84.379973711324each Grant 2013-2014 Columbia84.379973711324chart 2013-2014 Columbia84.379973711424chart 2013-2014 Columbia84.379973711424chart 2013-2014 Columbia Parmacy93.364NONElealth Professions Student Loan - Columbia Merdiane93.342NONElealth Professions Student Loan - Columbia Baccalaureate93.364NONElursing Student Loan - Columbia Baccalaureate93.364NONElursing Student Loan - Alken Associate93.364NONElursing Student Loan - Solramburg Associate93.364NONElursing Student Stud					2,466,0
each Grant 2013 2014 USC Upstate84.379973711322each Grant 2013-2013 Columbia84.379933711322ach Grant 2013-2014 Columbia84.379933711322cach Grant 2013-2014 Columbia84.379937911422Total U.S. Department of Education93.42NONElealth Professions Student Loan - Columbia Medicine93.342NONElealth Professions Student Loan - Columbia Medicine93.342NONElursing Student Loan - Columbia Baccalaureate93.344NONElursing Student Loan - Columbia Baccalaureate93.344NONElursing Student Loan - Columbia Baccalaureate93.344NONElursing Student Loan - Spartanburg Associate93.344NONElursing Student Loan - Columbia Assittance Cluster93.44NONElursing Student Loan - Spartanburg Associate93.44NONElursing Student Loan - Spartanburg Associate93.44NONElursing Student Loan - Spartanburg Associate93.44PO42.0101student Support Sevices84.042PO42.0104s	-				198,770,5
each Grant 2012-2013 Columbia84.379973711322each Grant 2013-2014 Columbia84.379973711322Total U.S. Department of Education84.37997371422Department of Health and Human Services93.342NONEealth Professions Student Loan - Columbia Pharmacy93.342NONElursing Student Loan - Columbia Medicine93.344NONElursing Student Loan - Columbia Bacelaureate93.344NONElursing Student Loan - Columbia Graduate93.344NONElursing Student Loan - Kien Associate93.344NONElursing Student Dan - Kien Associate93.344NONElursing Student Dan - Kien Associate93.344NONElursing Student Dan - Kien Associate93.344NONElursing Student Studen				P379T142201	7,5
each Grant 2013-2014 Columbia84.3799379714220Department of Health and Human Services93.2643.NFL POPOIealth Professions Student Loan - Columbia Medicine93.342NONEIursing Student Loan - Columbia Associate93.364NONEIursing Student Loan - Columbia Baccalaureate93.364NONEIursing Student Loan - Columbia Parament84.012Pód4.0100Iursing Student Loan - Columbia Parament84.02Pód4.0100Iursing Student Loan - Columbia Parament84.02Pód4.0100Iursing Student Loan - Columbia Parament84.02Pód4.0101Iursing Student Stapport Services (SS)	Teach Grant 2013 2014 USC Upstate		84.379	P379T142877	30,0
Total U.S. Department of Education Papartment of Health and Human Services 93.264 3.NFL 99000 Iolumbia Nursing Faculty Loan Program 93.324 NONE Iealth Professions Student Loan - Columbia Pharmacy 93.334 NONE Iealth Professions Student Loan - Columbia Associate 93.344 NONE Iursing Student Loan - Columbia Baccalaureate 93.346 NONE Iursing Student Loan - Columbia Graduate 93.346 NONE Iursing Student Loan - Solambia Graduate 93.346 NONE Iursing Student Loan - Solambia Graduate 93.346 NONE Iursing Student Loan - Solambia Associate 93.346 NONE Iursing Student Loan - Solambia Associate 93.346 NONE Iursing Student Loan - Solambia Associate 93.346 NONE Iursing Student Loan - Columbia Associate 93.346 NONE Iursing Student Loan - Solareate Asolate 90.4114100 <tr< td=""><td>Teach Grant 2012-2013 Columbia</td><td></td><td>84.379</td><td>P379T132200</td><td>4</td></tr<>	Teach Grant 2012-2013 Columbia		84.379	P379T132200	4
Pepartment of Health and Human Services olumbia Nursing Faculty Loan Program iealth Professions Student Loan - Columbia Pharmacy iealth Professions Student Loan - Columbia Pharmacy istudent Loan - Columbia Associate iursing Student Loan - Columbia Associate iursing Student Loan - Columbia Baccalaureate 33.364 NONE iursing Student Loan - Columbia Baccalaureate 33.364 NONE iursing Student Loan - Columbia Graduate 33.364 NONE iursing Student Loan - Columbia Graduate 33.364 NONE iursing Student Loan - Spartanburg Associate iursing Student Loan - Alem Associate 33.364 NONE iursing Student Loan - Spartanburg Associate iursing Student Loan - Spartanburg Associate iursing Student Loan - Alem Associate 33.364 NONE iursing Student Loan - Spartanburg Associate iursing Student Loan - Spartanburg Associate iursing Student Sociate Total Student Financial Assistance Cluster Total Student Financial Assistance Cluster Total Student Financial Assistance Cluster Total Student Financial Assistance Cluster Student Support Services Student Support Services 	Teach Grant 2013-2014 Columbia		84.379	P379T142200	111,2
olumbia Nursing Faculty Loan Program93.2643.NFL P0000leath Professions Student Loan - Columbia Medicine93.342NOMElursing Student Loan - Columbia Associate93.364NOMElursing Student Loan - Solumbia Associate93.364NOMElursing Student Loan - Solumbia Associate93.364NOMElursing Student Loan - Aiken Associate93.364NOMElursing Student Loan - Spartanburg Associate93.364NOMElursing Student Loan - Aiken Associate93.364NOMElursing Student Loan - Spartanburg Associate84.042P044.1100lursing Student Loan - Spartanburg Msc84.042P042.1014student Support Services Sportan84.042P042.1014student Support Services SSOL - Grant-In-Aid84.042P042.1014<					328,912,5
ieaith Profession's Student Loan - Columbia Pharmacy 93.342 NONE leaith Profession's Student Loan - Columbia Medicine 93.364 NONE lursing Student Loan - Columbia Associate 93.364 NONE lursing Student Loan - Columbia Baccalaureate 93.364 NONE lursing Student Loan - Columbia Garduate 93.364 NONE lursing Student Loan - Aclumba Graduate 93.364 NONE lursing Student Loan - Aclumba Graduate NONE lursing Student Loan - Aclumba Graduate NONE lursing Student Loan - Aclumba Graduate NONE lursing Student Loan - Aclumba Stociate 93.364 NONE lursing Student Loan - Aclumba Graduate NONE lursing Student Loan - Aclumba Graduate NONE lursing Student Loan - Aclumba Medicine NONE lursing Student Stance Cluster lursing Student Stance Cluster lursing Student Stance Cluster lursing Student Stance Cluster lursing Student Stance Cluster Program and E. McNair Post Baccalaureate Achievement Program student Support Services (Grant-in-Aid) 84.042 P042A1014 Student Support Services (SS) - Grant-In-Aid Student Support Services 2010-2015 (Grant-In-Aid) 84.042 P042A1014 Student Support Services Pro	6. Department of Health and Human Services				
ieaith Professions Student Loan - Columbia Medicine 93.342 NONE fursing Student Loan - Columbia Associate 93.364 NONE fursing Student Loan - Columbia Baccalaureate lursing Student Loan - Columbia Graduareate lursing Student Loan - Columbia Graduareate lursing Student Loan - Columbia Graduareate lursing Student Loan - Spartanburg Associate lursing Student Loan - Alken Associate lursing Student Loan - Alken Associate Total U.S. Department of Health and Human Services Total Student Financial Assistance Cluster Cluster Pepartment of Education ent Search Program locational Opportunity Centers Program locational Opportunity Centers Program sed through programs from sed through programs from sed through programs from Student Support Services (SS) - Grant-In-Aid) Student Support Services (SS) - Grant-In-Aid Student Support Services 2010-2015 Student Support Services 2	Columbia Nursing Faculty Loan Program		93.264	3-NFLP900066	110,3
Jursing Student Loan - Columbia Associate93.364NONEJursing Student Loan - Columbia Graculaureate93.364NONEJursing Student Loan - Spartanburg Associate93.364NONEJursing Student Loan - Aiken Associate93.364NONEJursing Student Loan - Aiken Associate93.364NONETotal U.S. Department of Health and Human Services*********************************	Health Professions Student Loan - Columbia Pharmae	Σγ	93.342	NONE	91,
lursing Student Loan - Columbia Baccalaureate93.364NONElursing Student Loan - Columbia Graduate93.364NONElursing Student Loan - Spartanburg Associate93.364NONElursing Student Loan - Aiken Associate93.364NONElursing Student Loan - Aiken Associate93.364NONEtotal U.S. Department of Health and Human Servicesrursing Student Loan - Aiken Associaterursing Student Loan - Aiken AssociateClusterDepartment of Education84.044P044A1100ett Search Program84.044P046A1100cation Opportunity Centers Program84.042P046A1100cation Opportunity Centers Program84.042P046A1100cational Opportunity Centers Program84.042P046A1100cational Research Foundation84.042P042A1014Student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014 <trbokt 2010-2015<="" services="" support="" td=""><td>Health Professions Student Loan - Columbia Medicin</td><td>e</td><td>93.342</td><td>NONE</td><td>43,9</td></trbokt>	Health Professions Student Loan - Columbia Medicin	e	93.342	NONE	43,9
Jursing Student Loan - Columbia Baccalaureate93.364NONEJursing Student Loan - Columbia Graduate93.364NONEJursing Student Loan - Asitanburg Associate93.364NONEJursing Student Loan - Aiken Associate93.364NONEJursing Student Loan - Aiken Associate93.364NONEJursing Student Loan - Aiken Associate93.364NONETotal U.S. Department of Health and Human ServicesVoneVoneClusterVoneVoneVoneSepartment of Education84.044P044A1100Cational Opportunity Centers Program84.045P066A1100ald E. McNair Post Baccalaureate Achievement Program84.042P042A1014student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A	Nursing Student Loan - Columbia Associate		93.364	NONE	
Jursing Student Loan - Columbia Graduate93.364NONEJursing Student Loan - Spartanburg Associate93.364NONETotal U.S. Department of Health and Human Services93.364NONETotal Student Financial Assistance ClusterState Student Financial Assistance ClusterState Student Financial Assistance ClusterClusterDepartment of Education84.044P044A1100eation Approprinting Centers Program84.044P044A1100rational Doportunity Centers Program84.042P042A1014student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)Grant-In-Aid84.042P042A1014Student Support Services 2010-201584.042P042A1011Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1004Student Support Services 2010-2015<			93.364	NONE	93,
Jursing Student Loan - Spartanburg Associate93.364NONEJursing Student Loan - Aiken Associate93.364NONETotal U.S. Department of Health and Human ServicesTotal Student Financial Assistance ClusterClusterDepartment of Educationent Search Program84.044P044A1100icational Opportunity Centers Program84.066P066A1100ald E. McNair Post Baccalaureate Achievement Program84.042P042A1014sed through programs fromP042A1014student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)Grant-In-Aid84.042P042A1014Student Support Services (SSS) - Grant-In-Aid84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1010Student Support Services 2010-201584.042P042A1010Student Support Services 2010-201584.042P042A1010Student Su					5,9
lursing Student Loan - Aiken Associate 93.364 NONE Total U.S. Department of Health and Human Services None Total Student Financial Assistance Cluster None Cluster Search Program 84.044 P044A1100 Cation Opportunity Centers Program 84.046 P066A1100 P046A1100 Cational Opportunity Centers Program 84.047 P017A1200 Search Programs from: P017A1200 Seat Hough programs from: Unterstand Search Foundation None P042A1014 Student Support Services (Grant-in-Aid) 84.042 P042A1014 P042A1014 Student Support Services (SSS) Search-In-Aid P042A1014 P042A1014 Student Support Services (SSS) Search-In-Aid P042A1014 P042A1014 Student Support Services (SSS) Search-In-Aid P042A1014 P042A1014 Student Support Services 2010-2015 84.042 P042A1				NONE	
Total U.S. Department of Health and Human Services Total Student Financial Assistance Cluster Cluster Department of Education ent Search Program 84.044 P044A1100 add E. McNair Post Baccalaureate Achievement Program 84.046 P066A1100 add E. McNair Post Baccalaureate Achievement Program 84.042 P042A1014 add E. McNair Post Baccalaureate Achievement Program 84.042 P042A1014 student Support Services (Grant-in-Aid) 84.042 P042A1014 Student Support Services (SSS) 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A10104 Student Support Services 2010-2015 84.042 P042A10104 <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
Total Student Financial Assistance Cluster Cluster Department of Education ent Search Program 84.044 P04A1100 load E. McNair Post Baccalaureate Achievement Program 84.056 P066A1100 load E. McNair Post Baccalaureate Achievement Program 84.042 P042A1014 student Support Services (Grant-in-Aid) 84.042 P042A1014 Student Support Services (SSS) 84.042 P042A1014 Student Support Services (SD) 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014	-	rvices	55,501	Hone	345,3
Department of Education84.04P044A1100ent Search Program84.04P064A1100locational Opportunity Centers Program84.06P066A1100load E. McNair Post Baccalaureate Achievement Program84.02P042A1010sed through programs from:std.02P042A1014student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1004Student Support Services 2010-201584.042P042A1001Student Support Services 2010-201584.042P042A1004Student Support Services Program - Grant-in-Aid84.042P042A1004Student Supp	•				329,257,5
en84.044P044A1100crational Opportunity Centers Program84.066P066A1100hald E. McNair Post Baccalaureate Achievement Program84.217P217A1200sed through programs from:84.024P042A1014student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1010Student Support Services 2010-201584.042P042A1001Student Support Services Program - Grant-in-Aid84.042P042A1001Student Support Services Program - Grant-in-Aid84.042P042A1001S	O Cluster				
icitional Opportunity Centers Program84.066P066A1100hald E. McNair Post Baccalaureate Achievement Program84.217P217A1200sed through programs from:84.217P042A1014student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1001Student Support Services Program - Grant-in-Aid84.042P042A1001Student Support Services Program - Grant-in-Aid84.042P042A1001Student Support Services Program - Gra	Department of Education		04.044	P0444110079	308.
ald E. McNair Post Baccalaureate Achievement Program84.217P217A1200sed through programs from:outh Carolina Research FoundationStudent Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services (SS)Grant-In-Aid84.042P042A1014Student Support Services (SS)Grant-In-Aid84.042P042A1011Student Support Services (SS)Grant-In-Aid84.042P042A1011Student Support Services 2010-201584.042P042A1011Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1001Student Support Services 2010-2015 (Grant-in-A					,
sed through programs from: outh Carolina Research Foundation Student Support Services (Grant-in-Aid) 84.042 P042A1014 Student Support Services (Grant-in-Aid) 84.042 P042A1014 Student Support Services (SSS) 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1001 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1001 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1001 Student Support Services 2010-2015 Grant-in-Aid 84.042 P042A1001					419,
outh Carolina Research Foundation 84.042 P042A1014 Student Support Services (Grant-in-Aid) 84.042 P042A1014 Student Support Services 84.042 P042A1014 Student Support Services 84.042 P042A1014 Student Support Services (SSS) 84.042 P042A1014 Student Support Services (SSS) 84.042 P042A1014 Student Support Services (SS) - Grant-In-Aid 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1011 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1011 Student Support Services 2010-2015 Grant-in-Aid 84.042 P042A1001 Student Support Services Program - Grant-in-Aid 84.042 P042A1001		510111	84.21/	r21/M120040	216,
Student Support Services (Grant-in-Aid)84.042P042A1014Student Support Services84.042P042A1014Student Support Services84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services (SSS)84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014USC Union Student Support Services 2010-201584.042P042A1001Student Support Services 2010-2015 Grant-in-Aid84.042P042A1001Student Support Services 2010-2015 Grant-in-Aid84.042P042A1001Student Support Services 2010-2015 Grant-in-Aid84.042P042A1001Student Support Services 2010-2015 Grant-in-Aid84.042P042A1001Student Support Services Program - Grant-in-Aid84.042P042A1001Student Support Services Program - Grant-in-Aid84.042P042A1000Upward Bound Program84.047P047A1004					
Student Support Services84.042P042A1014Student Support Services84.042P042A1014Student Support Services (SS)Grant-In-Aid84.042P042A1011Student Support Services (SS) - Grant-In-Aid84.042P042A1011Student Support Services 2010-201584.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-2015 (Grant-In-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-In-Aid)84.042P042A1001Student Support Services 2010-2015 (Grant-In-Aid)84.042P042A1001Student Support Services 2010-201584.042P042A1001Student Support Services 2010-201584.042P042A1000Student Support Services Program - Grant-in-Aid84.042P042A1000Upward Bound Program84.047P047A1204Upward Bound Program84.047P047A1204				00424404420	
Student Support Services84.042P042A1014Student Support Services (SSS)Grant-In-Aid84.042P042A1014Student Support Services (SSS) - Grant-In-Aid84.042P042A1014Student Support Services 2010-201584.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1014Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1010Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1010Student Support Services 2010-201584.042P042A1001Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1001Student Support Services 2010-201584.042P042A1001Student Support Services 2010-2015 (Grant-in-Aid)84.042P042A1001Student Support Services 2010-201584.042P042A1001Student Support Services 2010-201584.042P042A1004Student Support Services Program - Grant-in-Aid84.042P042A1000Student Support Services Program - Grant-in-Aid84.042P042A1000Student Support Services Program - Grant-in-Aid84.047P047A1004Student Support Services Program - Grant-in-Ai					15,0
Student Support Services (SSS) 84.042 P042A1011 Student Support Services (SSS) - Grant-In-Aid 84.042 P042A1011 Student Support Services (SSS) - Grant-In-Aid 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 (Grant-In-Aid) 84.042 P042A1014 Student Support Services 2010-2015 (Grant-In-Aid) 84.042 P042A1001 Student Support Services 2010-2015 (Grant-In-Aid) 84.042 P042A1001 Student Support Services 2010-2015 (Grant-In-Aid) 84.042 P042A1001 Student Support Services 2010-2015 Grant-In-Aid 84.042 P042A1001 Student Support Services 2010-2015 Grant-In-Aid 84.042 P042A1001 Student Support Services 2010-2015 Grant-In-Aid 84.042 P042A1001 Student Support Services Program - Grant-In-Aid 84.042 P042A1001 Student Support Services Program - Grant-In-Aid 84.042 P042A1001 Student Support Services Program - Grant-In-Aid 84.047 P042A1001 Student Support Services Program - Grant-In-Aid 84.047 P042A1000				P042A101438-12	31,
Student Support Services (SSS) - Grant-In-Aid 84.042 P042A1011 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1014 USC Union Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1014 USC Union Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1014 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1014 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1014 Student Support Services Program - Grant-in-Aid 84.042 P042A1004 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Upward Bound Program 84.042 P042A1000				P042A101438	205,4
Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1001 USC Union Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1001 Student Support Services Program - Grant-in-Aid 84.042 P042A1000				P042A101162	229,0
Student Support Services 2010-2015 84.042 P042A1014 Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1014 USC Union Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1001 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1001 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.047 P042A1000 Student Support Services Program - Grant-in-Aid 84.047 P042A1000				P042A101162	9,
Student Support Services 2010-2015 (Grant-in-Aid) 84.042 P042A1014 USC Union Student Support Services 84.042 P042A1005 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-2015 Grant-in-Aid 84.042 P042A1001 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Upward Bound Program 84.047 P042A1000				P042A101465	37,4
USC Union Student Support Services 84.042 P042A1005 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1001 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000	Student Support Services 2010-2015		84.042	P042A101465	178,
USC Union Student Support Services 84.042 P042A1005 Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1001 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000	Student Support Services 2010-2015 (Grant-in-Aid	j	84.042	P042A101465	10,
Student Support Services 2010-2015 84.042 P042A1001 Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1001 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Upward Bound Program 84.042 P042A1000				P042A100582	237,
Student Support Services 2010-15 Grant-in-Aid 84.042 P042A1001 Student Support Services 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Upward Bound Program 84.047 P047A1000				P042A100121	248,
Student Support Services 84.042 P042A1000 Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Upward Bound Program 84.047 P047A1204				P042A100121	31,
Student Support Services Program - Grant-in-Aid 84.042 P042A1000 Upward Bound Program 84.047 P047A1204					287,
Upward Bound Program 84.047 P047A1204					20,
Lipword Nound					236,
Upward Bound 84.047 P047A1216	opward Bound		84.047	P047A121668	460,
Total U.S. Department of Education	Total U.S. Department of Education				3,184,4
Total TRIO Cluster					3,184,4

	Federal CFDA		
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditures
Medicaid Cluster			
J.S. Department of Health and Human Services			
Passed through programs from:			
South Carolina Department of Disabilities and Special Needs Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants	93.778	2013-3043	708
Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants Provision and Training and Certification for Self-Directed Attendant Care for ID/DD and HASCI Waiver Participants	93.778	2013 3043	90,51
South Carolina Department of Health and Human Services			
Training and Certification for Attendant Care Services	93.778	A30675A	4,32
DHHS/SCCAMRS Administrative Contract FY12-13	93.778	A20131593A	(180
DHHS/SCCAMRS Administrative Contract FY 13-14	93.778	SC DHHS/HHS	226,13
Training and Certification for Attendant Care Services	93.778	A20170675A	664,80
Outpatient Pediatric AIDS Clinic Services 13-14 Ongoing Consumer Satisfaction Survey	93.778 93.778	C42746M	18,00
Ongoing Consumer Satisfaction Survey	93.778	A20131722A A20151722A	638 124,360
University of South Carolina School of Medicine Access Improvement/Rural Outreach Initiatives in Partnership	55.776	A20131722A	124,500
with South Carolina Office of Rural Health (HHS 1599)	93.778	A20141599A	779,618
Connecting Date Analysis to Research and Practice for Child Serving Agencies	93.778	A201510524A	110,193
Total U.S. Department of Health and Human Services			2,019,115
Total Medicaid Cluster			2,019,115
WIA Cluster_			
U.S. Department of Labor			
Passed through programs from:			
Upstate Workforce Investment Board			
ACHIEVE 2012-13	17.259	12Y603C4-4WIB	12,367
ACHIEVE 2013-14	17.259	13Y603C4-UWIB	358,171
Total U.S. Department of Labor			370,538
Total WIA Cluster			370,538
Special Education Cluster (IDEA)			
U.S. Department of Education			
Passed through programs from: South Carolina Department of Education			
Project CREATE	84.027	H63010100913	121,950
Project CREATE 2012-13	84.027	H63010100912	20,419
Project CREATE 2013-14	84.027	H63010100913	77,69
Project CREATE 2012	84.027	H63010100912	4,164
Project CREATE 2013-14	85.027	H63010100613	22,718
Project CREATE for Speech Language Pathologists	84.027	SC DEPT EDU	53
SC DOE Special Education Parent Survey Analysis	84.173	SCDE/USDE	4,160
South Carolina First Steps to School Readiness	04.027		
Team for Early Childhood Solutions South Carolina School for the Deaf and Blind	84.027	SC FSSR/USDE	401,421
SC Interagency Deaf-Blind Project	84.027	SCH OF DEAF & B	8,186
Total U.S. Department of Education	011027		661,252
Total Special Education Cluster (IDEA)			661,252
			001,23
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 2013-14	93.575	DSS/HHS	258,98
Building a Statewide System for Inclusion 2012-2013	93.575	DSS/USDHHS	115,955
Improve the Quality of Child Care for South Carolina Families 2013-14	93.575	DSS /DHHS	159,962
Improve the Quality of Child Care for South Carolina Families 2014-15	93.575	4400008002	4,607
Statewide Child Care Market Rate Survey, Collecting and Analyzing Data	93.575	5000013215	181
Total U.S. Department of Health and Human Services			539,686
Total CCDF Cluster			539,686
Teacher Incentive Fund Cluster U.S. Department of Education			
O.S. Department of Education Passed through programs from:			
South Carolina Department of Education			
Teacher Incentive Fund 4	84.374	H63010013813	2,100
Total U.S. Department of Education			2,100
Total Teacher Incentive Fund Cluster			2,100

	Federal CFDA							
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditures					
ther Programs								
J.S. Department of Education								
Preparation of Early childhood Special Education (ECSE) Personnel in South Carolina	84.325	H325K060123	36,4					
Project POSTS: Preparation of Secondary Transition Specialists	84.325	H325K110505	270,9					
Preparation of Leadership Personnel: Project PALEEIS	84.325	H325D080025	64,8					
Preparing School Counselors as Related Service Providers for Children and Youth Disabilities	84.325	H325K080321	10,3					
Preparation of Leadership Personnel: Project SPEARTIP	84.325	H325D090025	69,2					
Paraprofessionals Preservice Improvement Grant	84.325	H325N100019	105,1					
USC Special Education Program Improvement Project (USC SEPIP)	84.325	H325T110004	167,6					
Special Education Preservice Improvement 84.325T	84.325	H325T090012	74,4					
Jacob Fellowships 2011-2012	84.170	P170B110008	39,0					
South Carolina Assistive Technology Program	84.224	H224A120040	9,:					
South Carolina Assistive Technology Program	84.224	H224A130040	359,3					
South Carolina Assistive Technology Program	84.224	H224A140040	67,					
Passed through programs from:	0.1221		07,					
Allendale County School District								
USC Salkehatchie STEM Camp	84.999	ACSD/USDE	7,					
	84.999	ALLENDALE COUNTY	3,					
STEM Camp 2014	84.999	ALLENDALE COUNTY	3,					
Clarendon County School District Two	04.000							
Clarendon School District Two Autism Consultation Services	84.999	CLARENDON CTY S	4,					
Clarendon School District Two Autism Consultation Services	84.999	CLARENDON CTY S	3,					
Killian Elementary School	04.000							
Killian Elementary School Professional Development Project	84.999	RICHLAND SCH D2	16,					
Lancaster School District								
GearUp II: Gaining Early Awareness and Readiness for Undergraduate Programs	84.999	LANCASTER CTY S	67,					
Lexington/Richland School District Five								
LYP After-School Program for Irmo High School	84.287	19619	76,					
Challenging Horizons Program at H.E. Corley Elementary and Seven Oaks Elementary 2012-13	84.287	SCHOOL DIST 5	90,					
Challenging Horizons Program at H.E.Corley Elementary and Seven Oaks Elementary 2012-13	84.287	SCH DISTRICT 5	(
ST-CHP at Irmo Middle School	84.287	SCH DIST 5	(3					
Reading, Writing and Reasoning in American History Project	84.215	LEX CTY SCH 5	9					
South Carolina Research Foundation								
Long Term Training: Vocational Rehabilitation	84.129	H129B100022	151					
GAANN Program in the Department of Biological Sciences	84.200	P200A090301	33					
Graduate Assistance in Areas of National Need (GAANN) Fellowship Program - Chemistry	84.200	P200A120075	152					
Graduate Assistance in Areas of National Need (GAANN)	84.200	P200A120090	114					
The Possibilities Are Endless: Promoting Braille Throughout South Carolina	84.235	H235E090010	97					
Child Care Access Means Parents in Schools(CCAMPIS) 2009	84.335	P335A090117	8					
2014-2016 NWP SEED Teacher-Leadership Grant	84.367	NAT'L WRITINGS	1					
Aiken Writing Project SEED PD	84.367	07-SC12SEED2012	13					
Spartanburg Writing Project Title II NWP SEED Grant Teacher Leadership Development Proposal	84.367	92SC07-SEED2012	(4					
Spartanburg Writing Project Title II NWP SEED Grant Teacher Leadership Development Proposal		~~ ~~~~~~~						
(Supporting Effective Educator Development Grant Program)	84.367	92-SC07SEED2012	19					
2012-13 Teacher Leadership Development Grant for Local NWP Sites - Midlands Writing Project	84.367	92-SC05SEED2012						
2012-2013 Professional Development in a High-Need School	84.367	92-SC06SEED2012	4					
2014-16 NWP SEED Teacher Leadership Development Grant - Santee Wateree Writing Project	84.367	92-SC06SEED2012	1					
2014-16 NWP SEED Teacher Leadership Development Grant - Midlands Writing Project	84.367	92-SC05SEED2012	2					
National Writing Project University of California	84.367	92-SC07SEED2013	10					
South Carolina Commission on Higher Education								
Expanding Nature-Based Inquiry Opportunities in Elementary Science Education	84.367	SCCHE/USDE	29					
Expanding Nature-Based Inquiry Opportunities in Elementary Science Education	84.367	SCCHE/USDE	77					
PRIME TIME on Achievement: Projects for Rigorous Instruction in Mathematics Education								
with Technology Integration for Maximum Effect on Achievement	84.367	SC CHE	25					
PRIME TIME on Achievement: Projects for Rigorous Instruction in Mathematics Education								
with Technology Integration for Maximum Effect on Achievement	84.367	SC CHE	83					
Unveiling Mathematics Standards	84.367	SC CHE	16					
South Carolina Department of Education	04.507	Seene	10					
SC Gateways: From Cradle to Career 2013	84.323	H63010013311	14					
SC Gateways: From Cradle to Career 2019	84.323	H63010013313	6					
Evaluation of SC Gateways: From Cradle to Career	84.323	SC DOE	81					
STEM Forward: Building High Impact Talent	84.366	H63010008213	206					
Project CREATE 2012 Preschool Education Certification	84.367	H63010006812	20					
Project CREATE: Distance ECSE Certification Program	84.367	H63010006813	5					
Project CREATE 2012	84.367	H63010006812						
South Carolina First Steps to School Readiness								
Training in Early Childhood Solutions	84.181	SCFSSR/USDE						
Sumter School District 17								
Autism Consultation Services	84.999	SUMTER SCH D 17	11					
Autism Consultation Services	84.999	SUMTER SCH DIST	16					
College of Charleston								
Postsecondary Education Subcontract	84.407	520875-USC	44					
Total U.S. Department of Education			2,798					

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditure
reueral grantor/pass-un ough grantor/program utie	number	Grant number	Experiorure
ther Programs, continued			
S. Department of Health and Human Services			
USC-SOM Nurse Anesthetist Traineeship (NAT) 2013	93.124	A22HP25978AO	39,
Screening, Brief Intervention, and Referral to Treatment (SBIRT) Medical Professional Training Program	93.243	13T1025374A	207,
South Carolina Public Health Training Center	93.249	UB6HP20187AO	56,
Geriatric Academic Career Award (2010-2015)	93.250	K01HP20505AC	10,
Geriatric Academic Career Award (2010-2015)	93.250	K01HP20505AC	48,
HPV-Mediated Cancer health Prevention Education for Women Living with HIV Pilot Study	93.398	KCA175239A	103,
South Carolina Public Health Training Center Non-Competing Continuation Year 4 (9-1-13- tp 8-31-14)	93.516	UB6HP20187AO	86
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.859 93.964	TGM081740B 3-A03HP01181	250, 4,
Arnold SPH Public Health Traineeships Palmetto State Geriatric Education Center II	93.964	5UB4HP19212-03	4
Palmetto State Geriatric Education Center II	93.969	UB4HP19212-05	5
Palmetto State Genatric Education Center II	93.969	UB4HP19212A0	8
Palmetto State Geriatric Education Center II	93.969	UB4HP19212A0	66
Palmetto State Geriatric Education Center II	93.969	UB4HP19212A0	295
Passed through programs from:	55.505	0041111521270	255
ABT Associates			
Help is Down the Hall - ABT Associates Contract	93.999	32429	11
American Thrombosis and Hemostasis Network	55.555	52425	
Evaluation II of the American Thrombosis and Hemostasis Network: The Ideal National Hemophilia Coordinating Center	93.110	ATHN/USDHHS/HRS	35
Clemson University	55.110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Subaward - Evaluation of SC Farm to School Program	93.520	1696-2232009334	6
Developmental Disabilities Council			
South Carolina Assistive Technology Expo 2014	93.630	003-21-0079	2
IMPACT SC Self-Advocacy Initiatives	93.630	03-21-0055	21
Emory University			
South Carolina HIV/AIDS Clinical Training Center (AETC) Basic Grant	93.145	T066364	152
South Carolina HIV/AIDS Clinical Training Center (AETC) Minority AIDS Initiative Grant	93.145	T066180	33
South Carolina HIV/AIDS Clinical Training Center (AETC) Basic Grant	93.145	EMORY UNIVERSIT	
Francis Marion University			
Department of Health and Human Services Grant for a Branch Medical Campus of the SOM in Florence, SC	93.999	FRANCIS MARION	11
Greenville Hospital System			
Medical Education/Medicaid Enhanced Teaching	93.998	Greenville Hosp	
Lieutenant Governor's Office on Aging			
Empowering Older Adults and Adults with Disabilities through Chronic Disease			
Self-Management Education (CDSME) Programs 2012-2015	93.734	90CS0030/01	5
McKing Consulting Corporation			
Development of Communication Strategy for Surgeon Gereral's Call to Action on Walking	93.999	USC-01-4568	
Newberry County Hospital Foundation			
Promoting Patient Self-Management with Tele health	93.999	NCHF/HRSA	10
Office of the Lieutenant Governor			
Model Approaches to Legal Assistance Grant	93.048	MALUSC13	1
Richland Community Health Partners and Healthy SC Initiative			
Healthy SC Initiative	93.531	RICHLAND COUNTY	<u>c</u>
South Carolina Lieutenant Governor's Office on Aging			
Prevention and Public Health Fund Chronic Disease Self-Management Education Grant	93.734	90CS0030/01	15
South Carolina Research Foundation			
South Carolina HIV/AIDS Clinical Training Center (AETC) Basic Grant	93.145	S847093	
South Carolina HIV/AIDS Clinical Training Centerr (AETC) Minority AIDS Initiative Grant	93.145	S847122	
Smoking Cessation for Adolescents	93.393	1R01CA140576-01	75
Nurse Anesthetist Traineeship 2012	93.124	1A22HP24529-01	17
South Carolina AETC Telehealth Training Center	93.145	H4AHA24082A0	15
South Carolina AETC Telehealth Training Center	93.145	H4AHA24082A0	204
Integrative Medicine to Advance Curricula in Preventive Medicine Residencies	93.117	IMOHP25101AO	94
Leave No Qualified Nursing Student Behind (Nursing Workforce Diversity)	93.178	D19HP19021A0	89
Improving the Health of People with Disabilities through State Based Public Health Programs	93.184	UDD000945A	146
Improving the Health of People with Disabilities through State Based Public Health Programs	93.184	UDD000945A	ç
Improving the Health of People with Disabilities through State Based Public Health Programs	93.184	UDD000945A	101
South Carolina Poison Center Support and Enhancement Project	93.253	5H4BHS155450400	215
The South Carolina Oral Health Safety Net Enhancement Portfolio: Improving Access to Care through Innovative			
Oral Health Workforce Approaches	93.236	1T12HP24722AO	180
The South Carolina Oral Health Safety Net Enhancement Portfolio: Improving Access to Care through Innovative			
Oral Health Workforce Approaches	93.236	1T12HP24722AO	325
PASOs for Parents 2012-2013	93.590	04-13-CBCAP	10
PASOs for Parents Triple P Program (2013-2014)	93.590	04-13-CBCAP-2	37
HOME CARE + (Health Care Innovation Challenge)	93.610	1C1CMS331014A	7
Home CARE + (Health Care Innovation Challenge Award)	93.610	1C1CMS331014A	943
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DD067301	6
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DD067302	534
CITIA-SC: Creating a Healthier South Carolina Through Health Information Technology	93.718	90RC0047	867
A Parent Intervention for Improving Physical Activity and Diet in Adolescents	93.865	1F31HD066944-01	3
Medical University of South Carolina			
Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Subcontract	93.110	MUSC11-102	
Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Subcontract	93.110	MUSC11-102	100
Pediatric Metrics	93.884	MUSC13-058	41
South Carolina Campaign to Prevent Teen Pregnancy 2012-2013 CDC Clinic Grant	93.297		

Federal grantor/pass-through grantor/program title	Federal CFDA number	Grant number	Expenditures
rederar grantor/ pass-un odgn grantor/ program rute		Grant number	Expenditures
ther Programs, continued			
.S. Department of Health and Human Services, continued			
Passed through programs from: South Carolina Cancer Alliance			
A Fecal Immunochemical Testing (FIT) Program for Colorectal Cancer Screening in South Carolina	93.999	SC CANCER ALLIA	22,3
South Carolina Court Administration			,-
Court Administration Training Grant	93.586	1201SCSCIT	55,1
Court Improvement Training Grant	93.586	SC COURT ADM/HH	157,9
Court Administration Basic Grant	93.586	121SCSCIP	75,7
Court Improvement Basic Grant	94.586	SC COURT ADM/HH	164,0
South Carolina Department of Health and Environmental Control	02.000	DC 42 044	22.2
SC DHEC Bioterrorism Project	93.069	DC-13-011	23,3
SC DHEC Bioterrorism Project The SC Emergency Systems for Advance Registration of Volunteer Health Professionals	93.069	DC-13-011	123,4
(ESAR-VHP) Acute Care Hospital Surge Project (Year 3)	93.089	ER-03-012	3
SC DHEC Div of STD/HIV 12-13	93.153	HV-3-451	6,5
Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and Their			-,-
Families (CSWICY) - Women's Clinic	93.153	HV-3-452	35,5
SC DHEC Div of STD/HIV 13/14	93.153	HV-4-122	158,4
ECCS Early Childhood Promotores Project	93.110	WS-3-1138	12,1
Behavioral Risk Factor Surveillance Survey	93.283	4100042303	422,9
South Carolina Children's Health Assessment Survey	93.724	ANE-2013-05	61,8
Ryan White HIV/AIDS Treatment Extension Act - Part B	93.917	4100002812	62,3
Ryan White HIV/AIDS Treatment Extension Act - Part B	93.917	4400000514	2,393,8
Ryan White HIV/AIDS Treatment Extension Act - SC ADAP Insurance	93.917	4400000514	81,0
Ryan White HIV/AIDS Treatment Extension Act - Part B. Base	93.917	HV-4-791	707,6
Ryan White HIV/AIDS Treatment Extension Act - Part B. Base (Emerging Communities)	93.917	HV-4-791	51,5
Ryan White HIV/AIDS Treatment Extension Act - Part B Base (Minority Aids Initiative)	93.917 93.917	HV-4-791	11,2
Ryan White HIV/AIDS Treatment Extension Ace - SC ADAP Insurance Perinatal HIV Prevention: Comprehensive Risk Counseling and Services	93.917	HV-4-791 HV-2-728	125,: 40,8
Perinatal HIV Prevention: Comprehensive Risk Counseling and Services	93.940	HV-2-728 HV-2-728	40,0
Pregnancy Risk Assessment Monitoring Systems	93.946	4100031742	9,6
Pregnancy Risk Assessment Monitoring Systems Flu Supplement	93.946	WAT-2012-09	2,3
SC DHEC Environmental Public Health Tracking Project	93.999	PH-4-476	18,0
State Oral Health Plan Technical Assistance	93.999	MC-014-13	8,5
South Carolina Department of Health and Human Services			
Ryan White Part D Coordinated HIV Services and Access to Research for Women, Infants, Children, Youth, and			
Their Families (CSWICY) - Women's Clinic	93.153	HV-4-123	378,6
Ryan White Emerging Communities - Ryan White HIV/AIDS Treatment Extension Act, Part B -			
(Emerging Communities)	93.917	HV-3-1197	212,6
Academic Detailing for the CHIPRA Quality Demonstration Grant (QTIP Project)	93.999	A51644A	76,6
South Carolina Department of Social Services			
South Carolina Department of Social Services (Child Support Enforcement Training 2012-2013)	93.563	TO CLC2	9,1
The Purchase of Social Work Training for Staff and Agents (Child Welfare Training)	93.648	TO3	12
The Purchase of Social Work Training for Staff and Agents (Enhancing Youth Leadership Skills (GOALL) The Purchase of Social Work Training for Staff and Agents (Hispanic Assistance Bilingual Access (Habia) Program)	93.648 93.648	TO4 TO5	13,: 1,2
The Purchase of Social Work Training for Staff and Agents (Facilitation of the Citizens Review Panel)	93.648	TO6	1,4
The Purchase of Social Work Training for Staff and Agents (Launation of the Entrem Fraining)	93.648	T08	:
The Purchase of Social Work Training for DSS Staff and Agents. Task Order #9: Adult Protective Services Training	93.648	T09	2
USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Child Welfare Training)	93.648	TO3	1,482,6
USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Enhancing Youth Leadership Skills: (GOALL)	93.648	TO#4	245,6
USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Facilitation of Limited English			- ,
Proficiency Programs)	93.648	T05	471,9
USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Facilitation of the SC Citizens Review Panel)	93.648	TO6	109,6
USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Economic Services Training)	93.648	TO8	743,2
USC - DSS Purchase of Social Work Training for DSS Staff and Agents (Adult Protective Services Training)	93.648	TO9	355,2
SC Department of Social Services (Child Welfare Training 2012-2013) Task Order One	93.658	TO CLC1	7,3
South Carolina Department of Social Services (Court Liaison Initiative - 2012-2013)	93.658	#CLC4	118,1
South Carolina Department of Social Services (Training for External Legar Community and Special			
Projects 2012-2013)	93.658	TO CLC3	(2
South Carolina Department of Social Services (Operation of the Children's Law Center 2012-2013)	93.658	TO CLC6	1,2
DSS Task Order #8: Data Projects	93.658	TO CLC#8	71,7
DSS Task Order 3: Training for External Legal Community, Law School Courses, Consultation and Special Projects	93.658	TO#CLC3	193,:
DSS Task Order #6: Children's Justice Act DSS Task Order #1: Child Welfare Training	93.658	TO #CLC6	138,3
DSS Task Order #1: Child Weitare Training DSS Task Order #7: Support of CJA Task Force	93.658	TO #CLC1	883,: 84,3
DSS Task Order #7: Support of CA Task Force DSS Task Order #5: Child Abuse/Neglect Investigations	93.658 93.658	TO #CLC7 CLC5	84,: 249,:
DSS Task Order #4: Court Liaison Initiative	93.658	TASK ORDER CLC4	535,
DSS Task Order #1: Child Welfare Training (2014-2015)	93.658	DSS/HHS	15,
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2013-14	93.999	DSS/HHS	199,
SC Program for Infant/Toddlier Care Professional Development Network Extension	93.999	DSS/HHS	1,95,
Management & Administration of the Child Care Resource and Referral Network 2013-2014	93.999	DSS/HHS	1,229,
South Carolina Program for Infant/Toddler Care - Infant -Toddler Specialist Network (2012-13)	93.999	C12036H-1	1,223,
Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2012-13	93.999	SCDSS/HHS	87,
	93.999	5000011358	63,
			55,0
Management & Administration of the Child Care Resource & Referral Network 2012-2013 Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2012-13	93.999	SC DSS/HHS	7.4
Management & Administration of the Child Care Resource & Referral Network 2012-2013	93.999 93.999	SC DSS/HHS DSS/HHS	
Management & Administration of the Child Care Resource & Referral Network 2012-2013 Training and Special Events to Improve the Quality of Child Care for South Carolina Families 2012-13			7,4 21,9

	Federal CFDA		
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditures
Other Programs, continued			
U.S. Department of Health and Human Services, continued			
Passed through programs from: South Carolina Developmental Disabilities Council			
Autism Diagnostic Services	93.630	03-21-0069	28,49
Website for Recreation and Exercise Opportunities for People with Disabilities in SC	93.630	02-21-0019	50
Disability Course Curriculum for Technical College Health Professionals	93.630	02-21-0012	(2
South Carolina Secondary Transition and Employment Advancement (SC-Team)	93.630	02-21-0001	1,94
South Carolina Secondary Transition and Employment Advancement (SC-Team)	93.630	03-21-0001	138,63
South Carolina Office of Rural Health			
South Carolina Office of Rural Health FLEX Program Evaluation	93.241	SC RURAL HLTH	5,60
South Carolina Rural Health Research Center			
Medicare Rural Hospital Flexbility, FLEX Program	93.241	SC RURAL HLTH	41
South Carolina Tobacco Collaborative	02 520	66 TODA 660 COLL	(4.0)
Academic Detailing to Promote Smoking Cessation (SCORxE-SC Tobacco Collaborative Partnership) South Carolina Tobacco-Free Collaborative	93.520	SC TOBACCO COLL	(4,90
Healthy Carolina Communities Grant	95.531	1U58DP003583-10	43
Healthy Carolina Communities Grant	95.531	1U58DP003583-10	8
Healthy Carolina Communities Grant	95.532	1U58DP003583-10	33
Healthy Carolina Communities Grant	95.534	1U58DP003583-10	1,6
The Children's Hospital of Philadelphia	55.554	105001 005505 10	1,0
COG Chair Grant: Workload Intensity	93.701	U10CA098543	22,20
The Children's Trust	550701	0100/0303/13	
Children's Trust Support for Expectant and Parenting Teens, Women, Fathers and their Families (PAF) Program Evaluation	93.500	CHILDREN'S TRUS	48,3
The Evaluation of the Expansion of the Maternal, Infant, and Early Childhood Home Visiting Program in S.C.	93.505	CHILDREN'S TRUS	136,6
Evaluation of the Maternal, Infant and Early Childhood Home Visitation Program 2013-2014	93.615	CHILDREN'S TRUS	135,4
The Children's Trust of South Carolina			
Evaluation of the Maternal, Infant and Early Childhood Home Visiting Program	93.615	TCTF OF SC	41,83
United Way of the Midlands			
Healthy SC Initiative	93.999	1U58DP003583	11,9
Healthy SC Initiative	93.999	ESMMRC/CDC	1,1
University of Maryland			
Linking South Carolina Free Clinics to Quality Health Information: Phase III	93.999	SR00002310	
InfoAble Portal - Follow-Up Award	93.999	UM/NLM/NIH	5,7
Upper Midlands Rural Health Network			
Upper Midlands Rural Health Network Rural Health HIT Network Development Grant	93.912	UMRHN/HRSA	10,0
Upper Midlands Rural Health Network Rural Health HIT Network Development Grant	93.912	UMRHN/HRSA	11,1
Total U.S. Department of Health and Human Services			19,019,32
-			19,019,5
National Endowment for the Arts			
Master Potters of the Catawba Indian Pottery Tradition	45.024	NAT`L ENDOW ART	8,18
Total National Endowment of the Arts			8,18
Institute of Museum and Library Services			
Passed through programs from:			
South Carolina State Library			
South Carolina Digital Library: Ongoing Initiative 2012-13	45.310	IIF-12-01	4,2
South Carolina Digital Library: Ongoing Initiative	45.310	IIF-13-01	12,5
South Carolina Research Foundation	45.510	111-13-01	12,5
Institute of Museum and Library Services (IMLS)	45.312	LG-65-12-0649	47,1
Cultural Heritage Informatics Leadership (CHIL): An Experiment in Responsive Doctoral Studies	45.313	RE02-10-0008-10	206,1
Total Institute of Museum and Library Services			270,1
J.S. Department of Agriculture			
Technical Assistance for Conservation-Related Database Applications	10.902	68-4532-13-001	7,1
Technical Assistance for Conservation-Related Database Applications	10.902	68-4532-13-001	12,0
Passed through programs from:			
Hampton County			
Hampton County Business Consulting and Microloan Project	10.769	HAMPTON COUNTY	24,3
South Carolina Research Foundation			
Video Coverage for Providing Diversity in Cropping Systems to Improve Soil Health	10.903	68-7482-11-535	28,6
South Carolina Department of Social Services			
USDA Food Service Program	10.558	C10298F	17,5
Total U.S. Department of Agriculture			89,6
			83,0
J.S. Department of Commerce			
2010 Census Update of the Enhancement of the Social Vulnerability Index (SOVI) for Use in Assessing Coastal Risk	11.999	EE133C13SE1239	50,0
Passed through programs from:			
South Carolina Manufacturing Extension Partnership			
Manufacturing Extension Partnership	11.611	70NANB10H148	195,7
			245,7
Total U.S. Department of Commerce			
Total U.S. Department of Commerce			
J.S. Department of Defense			
J.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office)	12.002	SP4800-12-21282	
J.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office) Procurement Technical Assistance Program for Business Firms (USC)	12.002	SP4800-13-21382	19,8
J.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office) Procurement Technical Assistance Program for Business Firms (USC) Procurement Technical Assistance Program for Business Firms (State Director's Office)			19,8
U.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office) Procurement Technical Assistance Program for Business Firms (USC) Procurement Technical Assistance Program for Business Firms (State Director's Office) Meeting Executive Order Environmental and Energy Management Goals through Navy EMS Integration and BUMED	12.002 12.002	SP4800-13-21382 SP4800-13-21382	19,8 72,3
U.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office) Procurement Technical Assistance Program for Business Firms (USC) Procurement Technical Assistance Program for Business Firms (State Director's Office) Meeting Executive Order Environmental and Energy Management Goals through Navy EMS Integration and BUMED EMS Applications	12.002 12.002 12.300	SP4800-13-21382 SP4800-13-21382 W9126G-12-20039	19,80 72,3 66,4
U.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office) Procurement Technical Assistance Program for Business Firms (USC) Procurement Technical Assistance Program for Business Firms (State Director's Office) Meeting Executive Order Environmental and Energy Management Goals through Navy EMS Integration and BUMED EMS Applications NROTC Educational Instruction Calculus and Physics	12.002 12.002 12.300 12.999	SP4800-13-21382 SP4800-13-21382 W9126G-12-20039 NO014-006-G0053	19,8 72,3 66,4 2
U.S. Department of Defense Procurement Technical Assistance Program for Business Firms (State Directors Office) Procurement Technical Assistance Program for Business Firms (USC) Procurement Technical Assistance Program for Business Firms (State Director's Office) Meeting Executive Order Environmental and Energy Management Goals through Navy EMS Integration and BUMED EMS Applications	12.002 12.002 12.300	SP4800-13-21382 SP4800-13-21382 W9126G-12-20039	(1 19,86 72,31 66,42 12,00 1,33

Particular and the state of the state of the state of the state of the	Federal CFDA	0	-
Federal grantor/pass-through grantor/program title	number	Grant number	Expenditures
Other Programs, continued			
U.S. Department of Defense, continued			
Passed through programs from: Academy of Applied Science			
DOD SC Junior Science and Humanities Symposium FY 2014	12.630	AAS/DOD	14,81
Research and Engineering Apprenticeship Program	12.630	W911NF-10-20076	5,20
Research and Engineering Apprenticeship Program	12.630	W911NF-10-20076	5,20
South Carolina Research Foundation			
DOD SC Junior Science & Humanities Symposium 2013 Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones	12.630 12.999	W911NF-10-20076 W91WAW-10-C0061	78
Development of an Interagency Training Model for Promoting Rule of Law in Post-Conflict Zones	12.999	W91WAW-10-C0061 W91WAW-10-C0061	84,21 18,56
Total U.S. Department of Defense	12.555	1010001	301,01
J.S. Department of Housing and Urban Development Passed through programs from:			
South Carolina Department of Health and Environmental Control			
USCDOM Supportive Housing Services HOPWA-SCDHEC	14.241	HV-11-052	36,5
Ryan White HIV/AIDS Treatment Extension Act - Part B (Supportive Housing Services HOPWA-SCDHEC-HUD) City of Columbia	14.241	DHEC/HRSA	5,6
Case Management, Mental Health and Substance Abuse Services for Persons with HIV in the Columbia EMSA	14.241	CITY OF COLUMBIA	8
Case Management, Mental Health and Substance Abuse Services for Persons with HIV in the Columbia EMSA	14.241	CITY OF COLUMBIA	461,21
Total U.S. Department of Housing and Urban Development			504,2
U.S. Department of Interior			
Preserving Fields of Conflict Battlefield Preservation Workshop Passed through programs from:	15.926	SCDAH/DOT	25,18
South Carolina Research Foundation			
Operation of the Mid-America Integrated Seismic Network - 2010-2014 - USC	15.807	G10AC00073	117,22
Neodymium (Nd) Isotope Analysis of Pliocene Fossil Fish Teeth from Atlantic Sediment Cores	15.999	G11PX01893	12,9
South Carolina Department of Archives and History			
South Carolina Archaeology Month Poster 2012	15.904	SC DEPT OF ARCH	4,6
Services Supporting ArchSite	15.946	SCDAH/DOT	26,6
Total U.S. Department of Interior			186,53
U.S. Department of Justice			
Passed through programs from:			
City of Columbia			
The Columbia Police Department Smart Policing Initiative South Carolina Department of Public Safety	16.751	CITY OF COLUMBI	49,0:
Multi-Agency Team Project	16.523	1JS10004	117,10
Multi-Agency Team Project	16.523	1JS10005	(64
Statewide Initiative to Reduce the Institutionalization of Status Offenders	16.523	1JS10011	39,39
Total U.S. Department of Justice			204,93
U.S. Department of State			
Media Training - Russia	19.999	S-RS500-13GR182	32,98
Passed through programs from:			
Jessheim High School, Norway	40.000	700011100000000	
U.S Norway Teacher Exchange: 2013 Southern Heritage Study Tour Jessheim Videregaende Skole	19.999	7R00HL093300-05	5,7
U.S - Norway Teacher Exchange: 2014 Southern Heritage Study Tour	19.999	JVS/USDEPTSTATE	30,9
South Carolina Research Foundation	10.000	510,00021101112	50,5
University of South Carolina Journalism School Partnership Project with the			
Caucasus School of Journalism and Media Management	19.999	SLMAQM10GR041VT	175,74
			245,43
Total U.S. Department of State			
U.S. Department of Transportation			
U.S. Department of Transportation Passed through programs from:	20.999	DPS/NHTSA/DOT	53,8
J.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey	20.999 20.999	DPS/NHTSA/DOT DPS/NHTSA/DOT	
J.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey			21,5
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey	20.999	DPS/NHTSA/DOT	21,5 21,9
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation National Endowment for the Humanities	20.999	DPS/NHTSA/DOT	53,8 21,5 21,9 97,3
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation National Endowment for the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth	20.999 20.999	DPS/NHTSA/DOT DPS/NHTSA/DOT	21,5 21,9 97,3
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation National Endowment for the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South	20.999 20.999 45.149	DPS/NHTSA/DOT DPS/NHTSA/DOT PW-51607-14	21,5 21,9 97,3 4,3
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation National Endowment for the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South American Civil Wars: The Crisis of the 1860s in the US, Latin America, and Europe	20.999 20.999	DPS/NHTSA/DOT DPS/NHTSA/DOT	21,5 21,9 97,3 4,3
J.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey Survey Attitudinal Survey Survey Attitudinal Survey Su	20.999 20.999 45.149	DPS/NHTSA/DOT DPS/NHTSA/DOT PW-51607-14	21,5 21,9 97,3 4,3
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation Vational Endowment for the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South American Civil Wars: The Crisis of the 1860s in the US, Latin America, and Europe Passed through programs from: The Humanities Council SC	20.999 20.999 45.149 45.161	DPS/NHTSA/DOT DPS/NHTSA/DOT PW-51607-14 RZ5152213	21,5 21,9 97,3 4,3 39,6
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey of Comparison of the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South American Civil Wars: The Crisis of the 1860s in the US, Latin America, and Europe Passed through programs from: The Humanities Council SC Peace Alter War: Collecting Memories of the Vietnam War Era	20.999 20.999 45.149	DPS/NHTSA/DOT DPS/NHTSA/DOT PW-51607-14	21,5 21,9 97,3 4,3 39,6
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation Vational Endowment for the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South American Civil Wars: The Crisis of the 1860s in the US, Latin America, and Europe Passed through programs from: The Humanities Council SC	20.999 20.999 45.149 45.161	DPS/NHTSA/DOT DPS/NHTSA/DOT PW-51607-14 RZ5152213	21,5 21,9 97,3
U.S. Department of Transportation Passed through programs from: South Carolina Department of Public Safety Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Buckle Up South Carolina Observational Survey and Attitudinal Survey Total U.S. Department of Transportation National Endowment for the Humanities Plants and Planter: Henry William Ravenel and the Convergence of Science and Agriculture in the Nineteenth Century South American Civil Wars: The Crisis of the 1860s in the US, Latin America, and Europe Passed through programs from: The Humanities Council SC Peace Alter War: Collecting Memories of the Vietnam War Era South Carolina Research Foundation	20.999 20.999 45.149 45.161 45.129	DPS/NHTSA/DOT DPS/NHTSA/DOT PW-51607-14 RZ5152213 14-1554-2	21,5 21,9 97,3 4,3 39,6 1,0

Federal grantor/pass-through grantor/program title	Federal CFDA number	Creationshar	Fundaria di Auro
rederal grantor/pass-through grantor/program title	number	Grant number	Expenditure
Other Programs, continued			
National Science Foundation			
Estimation of Time or Cycles to Failure of Aging Components & Systems: Deterministic and Stochastic Models	47.041	1441642	13,
of Fatigue with or without NDE Data on Defect Growth and Load Estimation REU Site: Undergraduate Research in Physics at the University of South Carolina	47.041	1263047	13,
Passed through programs from:	47.049	1205047	41,
South Carolina Research Foundation			
REV & USArrayMonitor Maintenance	47.050	78-TA	12
SC Graduate Steps to STEM	47.076	0850208	128
SC Graduate Steps to STEM	47.076	653164	165
University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI)	47.076	1035379	335
University of South Carolina Science and Mathematics Teachers Initiative (USC-SMTI)	47.076	1035379	5
Enabling the Future: Scholarships in Computational Science	47.076	1259283	64
Subaward: Winthrop Initiative for STEM Educators (WISE)	47.999	61400749	4
Total National Science Foundation			771
ational Archives and Record Administration Accessing the New South: A Project to Enhance Access to Manuscript Collections in the South Carolinian Library	89.003	NAR13RH50054-13	22
Total National Archives and Record Administration			22
nall Business Administration			
Small Business Jobs Act of 2010 (USC)	59.037	1-603001-Z-0149	(3
Small Business Jobs Act of 2010 (State Director's Office)	59.037	1-603001-Z-0149	51
SBDC Renewal for Recipient Organizations - CY 2013 (State Director's Office)	59.037	3603001Z0043C	103
SBDC Renewal for Recipient Organizations - CY 2013 (USC)	59.037	3603001Z0043C	85
South Carolina Small Business Development Center (2012 Carry-Over Project) USC \	59.037	2603001Z0043	85
Office of Small Business Development Centers Program Announcement - 2014 (State Director's Office)	59.037	4603001EZ0051A	261
Office of Small Business Development Centers Program Announcement - 2014 (USC)	59.037	4603001EZ0051A	398
South Carolina Small Business Development Center 2013 Carry-Over Project (USC) Passed through programs from:	59.037	SBAHQ-14-B0027	7
South Carolina Research Foundation			
Innovista Center for Entrepreneurial Development (ICED)	59.999	SBAHQ-10-1-0208	2
Total Small Business Administration			993
nvironmental Protection Agency			
Passed through programs from: South Carolina Department of Health and Environmental Control			
Leaders in Environmental Action Pilots	66.999	EQ-4-547	19
Total Environmental Protection Agency	00.999	LQ-4-347	13
S. Nuclear Regulatory Commission			1
GA/SC University Partnership for Environmental Radiation Protection	77.006	RR267-317/48921	17
Passed through programs from:	771000	111207 3177 10321	
South Carolina Research Foundation			
GA/SC University Partnership for Environmental Radiation Protection	77.006	RR267317/489216	
Total U.S. Nuclear Regulatory Commission			21
S. Department of Energy			
Proposal for Continuation of Contract for DOE-SR Public Reading Room at the University of South Carolina Aiken	81.049	0000121617	37
Passed through programs from:			
South Carolina Research Foundation	04.040	DFF600000000000000000000000000000000000	
Proposal for Continuation of Contract for DOE-SR Public Reading Room at the University of South Carolina Aiken DOE Nuclear Engineering Scholarship and Fellowship Program at USC	81.049 81.121	DEFG0908SR22632 DE-NE0000095	50
Nuclear Engineering Scholarship and Fellowship Program (NEUP) at USC	81.121	DE-NE0000095	45
South Carolina Universities Research and Education Foundation	01.121	DE NEODOODS	
Earthquake Monitoring in South Carolina	81.999	SRNS011/SCN0014	91
Earthquake Monitoring in South Carolina	81.999	B139004	20
SRS Community Reuse Organization			
Development and Implementation of an Enhanced Biology Degree in Environmental Remediation and Restoration	81.999	DE-EM0001232	140
SRSCRO Advancing Nuclear Skills Regionally (ANSR) Salkehatchie	81.999	DE-EM0001232	48
University of Georgia			
SREL/USCA Internships in Radioecology	81.003	RR267400/494050	45
University of Tennessee			
Subaward: Virtual Training Demonstration Project	81.999	A14-0519-S001	11
Total U.S. Department of Energy			493
S. Department of Veterans Affairs			
Veterans Affairs' Nursing Modules for Evaluation Education and Training (MEET)	64.999	US DEPT OF VETE	25
		WJB DORN VA	14
VA Attending Veterinarian Agreement	64.999		40
VA Attending Veterinarian Agreement Total U.S. Department of Veterans Affairs	04.999		
Total U.S. Department of Veterans Affairs .S. Department of Homeland Security			
Total U.S. Department of Veterans Affairs I.S. Department of Homeland Security FY 2012 Fire Prevention and Safety Grant	97.044	EMW-2012FP01373	75
Total U.S. Department of Veterans Affairs S. Department of Homeland Security FY 2012 Fire Prevention and Safety Grant Passed through programs from:		EMW-2012FP01373	75
Total U.S. Department of Veterans Affairs S. Department of Homeland Security FY 2012 Fire Prevention and Safety Grant Passed through programs from: South Carolina Emergency Management Division	97.044		75
Total U.S. Department of Veterans Affairs S. Department of Homeland Security FY 2012 Fire Prevention and Safety Grant Passed through programs from:		EMW-2012FP01373 PDMCPL04SC2009	75
Total U.S. Department of Veterans Affairs S. Department of Homeland Security FY 2012 Fire Prevention and Safety Grant Passed through programs from: South Carolina Emergency Management Division	97.044		75

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 costs allocated to such awards for the year ended June 30, 2014 were based on predetermined fixed rates negotiated with the University's cognizant federal agency.

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 \$18,500,384 as of June 30, 2014.

Note 4. Matching

Under the FWS program, the University matched \$383,142 in total compensation for the year ended June 30, 2014, in addition to the federal share of expenditures in the accompanying schedule.

Under the FSEOG program, the University matched \$376,471 in funds awarded to students for the year ended June 30, 2014, in addition to the federal share of expenditures in the accompanying schedule.

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, 2014:

Federal granting agency	Federal CFDA <u>number</u>	Amount provided to subrecipients
National Aeronautics and Space Administration Total National Aeronautics and Space Administration	43.RD	<u>\$ 183,518</u> 183,518
National Endowment for the Humanities	45.RD 45.310	10,250 <u>5,316</u>
Total National Endowment for the Humanities		15,566
National Science Foundation	47.RD 47.076	377,247
Total National Science Foundation		379,452
U.S. Department of Agriculture Total U.S. Department of Agriculture	10.RD	<u> </u>
U.S. Department of Commerce Total U.S. Department of Commerce	11.RD	<u> </u>
U.S. Department of Defense Total U.S. Department of Defense	12.RD	<u> </u>
U.S. Department of Education	84.RD 84.325	467,061 11,388
Total U.S. Department of Education		478,449
U.S. Department of Energy Total U.S. Department of Energy	81.RD	<u> </u>
U.S. Department of Health and Human Services	93.RD	5,002,100
	93.184	1,557
	93.236	274,403
	93.250	45,825
	93.575	114,446
	93.658	18,338
	93.718	571,403
	93.778	281,533 1,022,059
	93.917 93.969	1,022,059
	93.999	585,542
Total U.S. Department of Health and Human Services		8,030,682

University of South Carolina

Notes to Schedule of Expenditures of Federal Awards For the year ended June 30, 2014

Note 5. Subrecipients, Continued

Federal granting agency	Federal CFDA <u>number</u>	Amount provided to subrecipients
U.S. Department of Homeland Security Total U.S. Department of Homeland Security	97.RD	<u>460,378</u> 460,378
U.S. Department of Interior Total U.S. Department of Interior	15.RD	<u> </u>
U.S. Department of Justice Total U.S. Department of Justice	16.RD	<u>41,869</u> 41,869
Grand Total		<u>\$ 12,219,469</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, in accordance with the 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, the financial statements of the business-type activities, the aggregate discretely presented component units of the University of South Carolina (the University), as of and for the year ended June 30, 2014, and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 17, 2014. Our report includes a reference to other auditors who audited the financial statements of the University of South Carolina School of Medicine Educational Trust (the Trust); 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; the USC Upstate Capital Foundation; and the Educational Foundation of the University of South Carolina-Lancaster, (collectively referred to as the Trust and the Foundations), as described in our report on the University's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of the Foundations, excluding the South Carolina Research Foundation, were not audited in accordance with Government Auditing Standards.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the University's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

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 a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free from 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*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Elliott Davis, 11C

Columbia, South Carolina October 17, 2014



Independent Auditor's Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by OMB Circular A-133

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

Report on Compliance for Each Major Federal Program

We have audited the University of South Carolina's (the University) compliance with the types of compliance requirements described in the 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, 2014. 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.

The University's basic financial statements include the operations of the South Carolina Research Foundation (the Foundation), which received \$50.4 million in federal awards which is not included in the schedule during the year ended June 30, 2014. Our audit, described below, did not include the operations of the Foundation because the component unit engaged other auditors to perform an audit in accordance with OMB Circular A-133.

Management's Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. 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 on compliance for each major federal program. However, our audit does not provide a legal determination of the University's compliance.

Opinion on Each Major Federal Program

In our opinion, the University complied, in all material respects, with the types of 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, 2014.

Other Matters

The results of our auditing procedures disclosed an instance of noncompliance, which is required to be reported in accordance with OMB Circular A-133 and which is described in the accompanying *Schedule of Findings and Questioned Costs* as item 2014-1. Our opinion on each major federal program is not modified with respect to this matter.

The University's response to the noncompliance finding identified in our audit is described in the accompanying *Schedule of Findings and Questioned Costs*. The University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program 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. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

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 material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of OMB Circular A-133. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by OMB Circular A-133

We have audited the financial statements of the business-type activities, the aggregate discretely presented component units of the University, a department of the State of South Carolina (the State), as of and for the year ended June 30, 2014, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 17, 2014, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the 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 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 basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditure of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

Elliott Davis, LLC

Columbia, South Carolina October 17, 2014

University of South Carolina Schedule of Findings and Questioned Costs For the year ended June 30, 2014

I. Summary of Auditor's Results

Financial Statements

(a.)	Type of auditor's report:		Unmodified		
(b.)	Internal control over financial reporting:				
	 Material weaknesses identified: Significant deficiencies identified that are 	e not	No		
	considered to be material weaknesses:		None reported		
(c.)	Noncompliance material to financial statemer	nts noted:	No		
Fede	eral Awards				
(a.)	Internal control over major programs:				
(0.7)					
	 Material weaknesses identified: Significant definition size identified that are 		No		
	 Significant deficiencies identified that are considered to be material weaknesses: 	not	None reported		
(b.)	Type of auditor's report issued on compliance	for major programs:	Unmodified		
(c.)	Audit findings that are required to be reporte with Section 510(a) of OMB Circular A-133:	d in accordance	Yes		
(d.)	Identification of major programs:				
	Name of federal				
	CFDA Numbers	program or cluster			

	CFDA Nullibers	program of cluster	
	84.007; 84.033; 84.038;		
	84.063; 84.268; 84.379;		
	93.264; 93.342; 93.364	Student Financial Assistance Clu	ster
	84.042; 84.044; 84.047;		
	84.066; 84.217	TRIO Cluster	
	93.648	Administration for Children, Yo Welfare Research and Demonst	
	93.917	HIV Care Formula Grants	
(e.)	Dollar threshold used to distinguish between	type A and type B Programs:	\$3,000,000
(f.)	Auditee qualified as low risk auditee?		Yes

II. Financial Statement Findings:

None reported

III. Federal Award Findings and Questioned Costs:

2014-1 - Omission of federal expenditures from the Schedule of Expenditures of Federal Awards; Noncompliance with matching requirements and questioned costs due to alleged fraud

Federal agency: U.S. Department of Commerce, National Institute of Standards and Technology, passed through South Carolina Manufacturing Extension Partnership

CFDA title and number: Manufacturing Extension Partnership #11.611

Award number: 70NANB10H148

Award year: July 1, 2013-June 30, 2014

Criteria: OMB Circular A-133 Section 300 requires the auditee to identify all Federal awards received and expended as well as comply with laws, regulations and the provisions of contracts or grant agreements related to each of its Federal programs.

Condition: The University omitted approximately \$196,000 in expenditures for the Manufacturing Extension Partnership from the Schedule of Expenditures of Federal Awards for the year ended June 30, 2014. In addition, the University did not meet matching requirements of the grant. These conditions resulted from the University's decision to terminate its grant activities in May 2014 after it discovered questionable in-kind and payroll cost shares.

Questioned costs: The University's internal audit department reviewed 100% of the grant expenditures for the year ended June 30, 2014 and identified \$34,654 in questioned costs. We reviewed and reperformed a sample of the items tested.

Context: This award was not subject to the same monitoring as other federal grants at the University because it was originally funded by a non-federal source. When the funding source became federal dollars, the principal investigator failed to inform the appropriate individual and there was no control in place to prevent this. Once the issue was identified in the current year, procedures were performed to review all state awards not subject to routine monitoring. No other awards were identified that should have been classified as federal. The principal investigator whose activities under the grant are currently being investigated was not involved in the management of any other awards.

Effect: The University was not in compliance with the provisions of the grant agreement for the year ended June 30, 2014. In addition, the Schedule of Expenditures of Federal Awards was understated by \$196,000 for the year ended June 30, 2014.

III. Federal Award Findings and Questioned Costs (continued):

Cause: This award was not subject to the same monitoring as other federal grants at the University because it was originally funded by non-federal funds. When the funding source became federal dollars, the principal investigator failed to inform the appropriate individual and there was no control in place to prevent this occurrence. Currently being investigated is whether: (i) fraudulent expenditures were charged to the grant by setting up fictitious vendors with duplicate addresses, (ii) improper travel reimbursement requests were created, (iii) questionable payroll expenditures were included, and (iv) fraudulent documentation was created to qualify for matching funds.

Recommendation: We recommend the University enact a regular review of all state awards to determine the source of funding. We also recommend the University implement controls to prevent vendors from being set up with duplicate addresses.

Views of responsible officials and planned corrective actions: All restricted fund accounts will be initiated through the Sponsored Awards Management (SAM) office. The funding source will be determined by that office and reviewed by Contract and Grants Accounting (CGA). Any changes in funding, budgeting, or other issues will be filtered through SAM which adds another layer of control. Requests to establish restricted accounts outside of the SAM office will be reviewed by CGA with final approvals granted by Administration and Finance. Additional controls will be implemented within Accounts Payable and Purchasing to check for duplicate addresses.

University of South Carolina Summary Schedule of Prior Audit Findings

For the year ended June 30, 2014

None reported