

UNIVERSITY OF SOUTH CAROLINA
SINGLE AUDIT REPORT
YEAR ENDED JUNE 30, 2023



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**UNIVERSITY OF SOUTH CAROLINA
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INDEPENDENT AUDITORS' 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*

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 and the aggregate discretely presented component units of the University of South Carolina (USC) (the University), a component unit of the State of South Carolina, as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated September 26, 2023.

The financial statements of the USC Development Foundation; the USC Educational Foundation; and the USC Business Partnership Foundation, the discretely presented component units, were not audited in accordance with *Government Auditing Standards* and accordingly this report does not include reporting on internal control over financial reporting or reportable noncompliance associated with the discretely presented component units.

Report on 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) as a basis for designing 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.

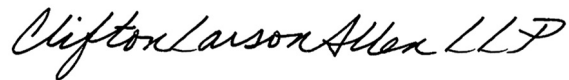
Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not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

Report on 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 financial statements. 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 results 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.



CliftonLarsonAllen LLP

Charlotte, North Carolina
September 26, 2023



**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE FOR EACH
MAJOR FEDERAL PROGRAM, REPORT ON INTERNAL CONTROL
OVER COMPLIANCE, AND REPORT ON THE SCHEDULE OF EXPENDITURES OF FEDERAL
AWARDS REQUIRED BY THE UNIFORM GUIDANCE**

Board of Trustees
University of South Carolina
Columbia, South Carolina

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited University of South Carolina (USC) (the University)'s compliance with the types of compliance requirements identified as subject to audit in the OMB *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, 2023. The University's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2023.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the University and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the University's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the University's federal programs.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the University's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the University's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the University's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as items 2023-001 and 2023-002. Our opinion on each major federal program is not modified with respect to these matters.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the noncompliance findings identified in our compliance audit described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance and therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, as discussed below, we did identify certain deficiencies in internal control over compliance that we consider to be significant deficiencies.

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 a 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 that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2023-001 and 2023-002, to be significant deficiencies.

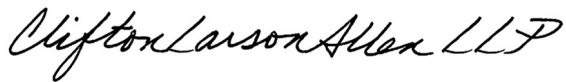
Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the internal control over compliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

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 the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of the business-type activities and the aggregate discretely presented component units of the University as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We have issued our report thereon, dated September 26, 2023, 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 the Uniform Guidance 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 basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the 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 expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



CliftonLarsonAllen LLP

Charlotte, North Carolina
November 17, 2023

University of South Carolina
Schedule of Expenditures of Federal Awards
For the year ended June 30, 2023

Federal grantor/pass-through grantor/program title	Assistance Listing number	Grant Number	Passed through to subrecipients	Expenditures
Research and Development Cluster				
U.S. Department of Agriculture				
Molecular Basis of Xenobiotic Metabolism and Resistance in <i>Tetranychus urticae</i>	10.310	2020-67014-31179	103,611	154,341
Linkages between nutritional outcomes and food and nutrition security	10.250	58-4000-1-0084	-	25,997
Promoting Nutrition Security by Examining the Relationships between Food Insecurity and Nutrition and Health Indicators in Federal Data	10.250	58-4000-2-0054	-	14,077
The Effect of Social Capital on Global Food Insecurity	10.250	58-4000-2-0055	-	13,450
Video Representation of NRCS Conservation Practices and Standards	10.912	NR204639XXXXC005	-	73,643
Evaluate, Quantify, and Share Benefits and Outcomes of Soil Health Management Systems (SHMS)	10.902	NR214639XXXXC001	-	101,973
Strategic Planning toward Regenerative Farming for Small Producers	10.912	NR214639XXXXC004	-	85,187
Growing Resilience in Our Soils	10.924	NR216740XXXXG003	-	162,509
Using Livestock Integration and Adaptive Multi-paddock Grazing to Enhance Soil Carbon Uptake and Improve Soil Health	10.912	NR224639XXXXC018	-	30,966
Passed through programs from:				
Application Insight, LLC				
Radar-based Spray Drift Detection and Quantification System	10.212	U00031602	-	20,216
Kansas State University				
Advancing Environmental Sustainability Knowledge and Skills of the FANH Sciences Workforce in Hospitality and Retail Industries	10.217	2021-70003-35430	-	83,396
University of Georgia				
Gullah/Geechee Agro-Culture: Sustaining culture to sustain agriculture in the Lowcountry	10.215	SUB00002606	60,399	87,482
Total U.S. Department of Agriculture			164,010	853,237
U.S. Department of Commerce				
Building Adaptive Capacity in the Carolinas: The Carolinas Integrated Sciences & Assessments (CISA) Program	11.431	NA160AR4310163	68,273	185,702
Conservation Genomics and Caribbean Fisheries Management: Stock Structure and Connectivity of Four Parrotfish Species and the Role of MPAs as Recruitment Sources	11.433	NA18NMF4330239	-	59,361
Support of the National Estuarine Research Reserve System Centralized Data Management Office and Enhancements to the System-Wide Monitoring Program	11.420	NA19NOS4200105	-	35,363
Shoals and Shipwrecks: Archaeological Explorations off Port Royal Sound, South Carolina	11.011	NA19OAR0110304	-	66,494
North Inlet Winyah Bay NERR FY20 annual operations award proposal	11.420	NA20NOS4200030	25,000	88,838
Research to operationalize the use of UAS in wetland monitoring in support of the NOS/NERRS science mission	11.478	NA20NOS4780216	-	11,174
Maximizing utility of eye lens core isotopic information for fisheries management: ageing validation and natal origins of reef fishes across the southeastern U.S. and U.S. Caribbean	11.427	NA22NMF4270149	-	4,071
Passed through programs from:				
Caribbean Fisheries Management Council				
Lane Snapper: Filling in Critical Gaps for Life History Parameters in U.S. Caribbean Waters	11.441	2021-014	-	41,610
National Ocean Service				
North Inlet - Winyah Bay NERR: Climate Vulnerability Web Application Development	11.008	NA21NOS0080191	25,000	27,205
North Inlet - Winyah Bay National Estuarine Research Reserve FY21 Operations Award	11.420	NA21NOS4200039	-	140,651
North Inlet - Winyah Bay National Estuarine Research Reserve FY22 Operations Award	11.420	NA22NOS4200028	-	668,556
National Oceanic and Atmospheric Administration				
Continuing Operational support of the National Estuarine Research Reserve System Centralized Data Management Office and Enhancements to the System-Wide Monitoring Program	11.420	NA20NOS4200203	-	72,411
Operational Support of the National Estuarine Research Reserve System Centralized Data Management Office and Enhancements to the System-Wide Monitoring Program	11.420	NA21NOS4200116	13,920	586,063
Data-Poor Caribbean Reef Fishes: Addressing Critical Gaps in Yellowtail Snapper Age, Growth, and Reproduction for Puerto Rico and St. Thomas, USVI	11.454	NA22NMF4540313	-	41,923
Davidson Fellowship (Gwen Hopper): Spatial and Temporal Variability in Dissolved Organic Matter Sources, Composition and Sinks within the Winyah Bay Watershed	11.420	NA22NOS4200042	-	47,898
Operational support of the National Estuarine Research Reserve System's Centralized Data Management Office	11.420	NA22NOS4200128	-	171,609
Addressing Geographical and Social Diversity in Heat-Health Messaging	11.468	NA22NWS4680004	-	97,808
SC Sea Grant Consortium				
Creating a GIS-Based Siting Tool for South Carolina Mariculture Site Selection	11.417	A/AQUA20-1a	-	21,273
Evaluating nitrogen removal strategies to improve stormwater management practices in coastal South Carolina	11.417	NA18OAR4170091	-	47,913
Studying How Things Fall Apart: Exploring Municipal Services System Failures to Help Develop Science-Based Decision-Points in South Carolina Coastal Communities	11.431	NA21OAR4310271	-	44,483
Guiding Successful Applications of Floating Treatment Wetlands in Brackish Coastal Ponds	11.417	NA22OAR4170114 / R/CG-7	33,879	61,321
Guiding Successful Applications of Floating Treatment Wetlands in Brackish Coastal Ponds	11.417	R/CG-7, NA22OAR4170114	3,526	3,526
SC Coastal Ocean Observing Regional Association				
Assessing the influence of anthropogenic noise on Atlantic common bottlenose dolphin (<i>Tursiops truncatus</i>) vocalizations using long-term passive acoustic monitoring in Charleston Harbor, South Carolina	11.012	10010981	-	1,250
SECOORA - Integrated Decision Support and Management Tools for Adaptive Public Health Practices: An Early Advisement and Reporting System for Recreational and Shellfish Harvesting Waters of the Southeast	11.012	IOOS.21(097)JUSC.DP.MOD.1	54,611	140,162
WebCOOS: Development and Transfer of an Operational Situational Monitoring and Reporting System	11.022	NA20NOS0120220	-	80,716
Southeast Coastal Ocean Observing Regional Association (SECOORA): Delivering actionable coastal and ocean information from high-quality science and observations for the Southeast	11.012	NA21NOS0120097	-	74,077
The University of Alabama				
Modeling dam and levee breach and the impact of hydraulic structures on channel routing and flood inundation	11.432	A22-0305-S002	-	93,057
University of Georgia				
Evaluating Risk of Tidal Marsh Inundation and Monetizing Services to Prioritize Management Actions	11.478	SUB00002939	-	39,102
Evaluating Risk of Tidal Marsh Inundation and Monetizing Services to Prioritize Management Actions	11.478	SUB000002940	-	6,643
University of Miami				
Filling in the gaps for data-poor reef fishes in the U.S. Caribbean: research on age, growth, and reproduction for stoplight parrotfish and redbell parrotfish in anticipation of upcoming stock assessments	11.432	O500001123	-	35,718
University of Michigan				
Integrating climate change effects into ecosystem-based fisheries management: Penaeid shrimp in the southeast US	11.419	NA19NOS4190058	64,884	168,088
University of North Carolina Wilmington				
Evaluating Risk of Tidal Marsh Inundation and Monetizing Services to Prioritize Management Actions	11.478	NA22NOS4780182	-	39,279
University of the Virgin Islands				
Filling Caribbean Fish Life History Gaps	11.432	253913-1/SPC-002010	-	8,186
Total U.S. Department of Commerce			289,093	3,211,531
U.S. Department of Defense				
Real-Time Edge Computing in Structures Experiencing Shock	12.800	FA9550-20-1-0362	-	7,457
Real-time Model Updating for Structures in Shock Environments	12.800	FA9550-21-1-0083	-	98,777
Transport information geometric computations	12.800	FA9550-23-1-0087	-	2,217
Context-Aware and Adaptive Authorization Framework for Critical Infrastructure	12.905	H98230-22-1-03 01	34,501	90,183
Context-Aware Data Security for the Internet of Things (IoT)	12.905	H98230-20-1-0367	9,012	38,518
2022 DoD CYP Grant Program - University of South Carolina	12.902	H98230-22-1-0276	-	66,931
Highly Effective Computational Methods in Geomagnetic Field Modeling	12.630	HM04761812002	-	96,592
South Coast Regional Cybersecurity Education and Development Program	12.617	HQ00052110014	197,845	431,403
Targeting of Photodynamic Therapy-Resistant Port-Wine Birthmarks	12.420	HT94252310008	-	33,545
Response of the Bay of Bengal to the Atmospheric Intraseasonal Oscillations	12.300	N00014-17-1-2468	-	90,907
The Pre and Post of Hardware In the Loop Experiments for Power Electronic Power Distribution Systems	12.300	N00014-19-1-2060	-	28,634
Circulation Changes in the Arctic Ocean and Subarctic Seas and their Connections to the Global Ocean and Climate	12.300	N00014-20-1-2680	-	44,662
Influence of Mesoscale and Submesoscale Eddy Structures on the Arabian Sea Mixed Layer Dynamics	12.300	N00014-20-1-2742	-	75,555
Discretized Energy Control	12.300	N00014-21-1-2093	-	311,388
Hybrid physics-based AI-enabled crack-length estimation from AE signal signatures	12.300	N00014-21-1-2212	-	144,664
ONR - Development, Assessment and Simulation of Enabling Fuels for Naval Decarbonization	12.300	N00014-22-1-2742	49,246	588,589
Digital Twins for Navy Power and Energy Systems (NPES)	12.300	N00014-22-C-1003	2,045,000	3,742,736
Low-resistivity Ohmic Contacts for Extreme Bandgap Nitride Semiconductors and their Digital Alloys	12.300	N00014-23-1-2010	-	53,033
DURIP: ENACT- Enabling Next Adaptive Communication Technologies	12.300	N00014-23-1-2026	-	228,270
Phase III - Digital Twins for Resilient Power and Energy Systems	12.300	N00014-23-C-1012	1,032,000	1,459,570
Distributed Condition Prognostics System for Navy Shipboard Machinery	12.300	N000174-17-1-0006	-	10,104
Teriparade: Stress Fracture Recovery For Returning to Duty (Teriparade): STRONG	12.420	W81XWH1920051/1810374	95,379	238,664

University of South Carolina
Schedule of Expenditures of Federal Awards
For the year ended June 30, 2023

Federal grantor/pass-through grantor/program title	Assistance Listing number	Grant Number	Passed through to subrecipients	Expenditures
Dysregulation of eIF2 alpha pathway in drug-induced dystonia (DID) and inherited dystonia 16 (DYT16): testing novel therapeutic interventions.	12.420	W81XWH2210526	-	154,547
Optimal Functionally Graded Cellular Materials (FGCMs) to Mitigate Shock and Impact Loading	12.431	W911NF-18-1-0023	-	10,692
How Inequality and Segregation Shape (and are Shaped by) Cooperation and Collective Action	12.431	W911NF1910281	-	12,871
Order in Atom Columns-Imaging Beyond the Virtual Crystal Approximation	12.431	W911NF2010318	-	732,061
Processing-Structure-Property Relationships in Ultrahigh Molecular Weight Polyethylene (UHMWPE) Film Composites	12.431	W911NF2020231	-	120,428
Development of AlxGa1-xN Multiple Quantum Well UVC Laser Structures over Pulsed Lateral Epitaxially Overgrown Low-defect density AlN templates	12.431	W911NF2110217	-	5,851
Chemical Functional Group Approach for Low-Temperature Oxidation of Liquid Fuels	12.431	W911NF2110306	-	341,601
Understanding Fundamental Ionic Storage Mechanisms in Atomic Layers of Transition Metal Oxides for Next-Generation Zn-ion Batteries	12.431	W911NF2110308	-	357,726
Development of Electrically Pumped AlxGa1-xN Based UVB-C Laser Structures over Low-defect density AlN	12.431	W911NF2210041	-	244,779
Archaeological Testing at 14 Sites, Fort Bragg, North Carolina	12.300	W9126G1820060	-	3,493
Passed through programs from:				
Carnegie Mellon University				
Near Real Time Assessment of Emergent Complex Systems of Confederates	12.300	1141302-385716	-	149,362
Cornell University				
The Soldier-to-Veteran Transition: A Study of High Risk Behavior	12.420	80583-11224	-	25,255
Florida State University				
Electric Ship Research and Development Consortium (ESRDC) 2021 – 2025	12.300	N00014-21-1-2124	-	20,641
Training Future Navy Workforce II	12.300	N00014-22-1-2117	-	23,095
Electric Ship Research and Development Consortium (ESRDC) 2021 – 2025	12.300	R000002834	-	1,125,522
Electric Ship Research and Development (ESRDC FY17-21)	12.300	R01851	-	11,443
ESRDC – Support for Undergraduate Research Participants	12.300	R02120 & N00014-19-1-2346	-	(1,367)
Georgia Institute of Technology				
Leveraging a New Theoretical Paradigm to Enhance Interfacial Thermal Transport In Wide Bandgap Power Electronics	12.300	SUB# AWD-102036-G2	-	167,142
Louisiana State University				
Developing Composite Time Series Restoration Trajectories in Salt Marsh Habitat	12.630	W912HZ-19-2-0034	-	(1,479)
Navatek, LLC				
Digital Twin Technology for Navy P&E Systems	12.300	SCN09741	-	872,971
Tel Aviv University				
Threat monitoring and behavioral health throughout the deployment and career cycles: A translational study	12.420	0610715871	-	21,773
Temple University				
Development of a Sensor-Based Movement Biomarker to Capture Upper Extremity Use	12.420	267408-USC	-	8,481
University of California San Diego				
Nonlinear Hamiltonian and Lagrangian Model Reduction for Ocean Simulation and Tethered Air-Surface Vehicle Control	12.300	705518	-	3,272
University of Miami				
Systemic Hypothermia in Acute Cervical Spinal Cord Injury – A Prospective, Multi-center Case Controlled Study	12.420	SPC-002341	11,842	13,781
Vandeventer Place Research Foundation				
Improving Outcomes in Prostate Cancer based on Comorbidities: Developing Personalized Medicine	12.420	W81XWH2210202-02	-	3,458
Wichita State University				
Development of Maintenance Strategies for FVL Platforms	12.630	22-01452	-	42,942
Total U.S. Department of Defense			<u>3,474,825</u>	<u>12,352,740</u>
U.S. Department of Interior				
Investigating and Protecting Critical Nocturnal Roosts: Whimbrel at Deveaux Bank	15.663	0111.20.067006	-	808
Operation of the Mid-America Integrated Seismic Network – 2020-2024 - USC	15.808	G20AC00033	-	98,895
Identifying the network of migratory stopover sites for Hudsonian Godwits in the Northern Great Plains	15.808	G21AC10159-02	-	14,813
Booker T Washington National Monument (BOWA) Archaeological Reanalysis	15.945	P19AC00586	-	12,774
CESU: Connecting African American History to Cumberland Island National Seashore	15.945	P19AC01143	-	14,360
Justice for All Digital Exhibit	15.904	P19AP00476	-	35,500
Soil Macrofauna Inventory at Congaree National Park	15.945	P21AC11171-00	-	32,793
Passed through programs from:				
Clemson University				
Identifying PFAS Hotspots in Surface Waters of South Carolina Using a New Optimized Total Organic Fluorine Method	15.805	2452-216-2024917	-	24,191
South Carolina Water Resources Center Program Management	15.805	2464-216-2024917	-	24,332
National Park Service				
Ethnographic Overview and Assessment of Charles Pinckney National Historic Site and Fort Sumter and Fort Moultrie National Historical Park	15.945	P22AC01058-00	-	49,539
Cooperative Agreement between the Department of the Interior/National Park Service and the Center for Civil Rights History and Research: Programmatic Activities for the CRC	15.946	P22AC01079-00	-	82,913
NC State University				
Managing Fire in Longleaf Pine Ecosystems: Current Constraints and the Longer-Term Challenges of Landscape Transformation and Anthropogenic Climate Change	15.820	G21AC10709-00	-	42,190
Pronatura Noroeste A.C.				
The First Automated MOTUS Bird Monitoring Network for Northwest Mexico	15.635	10010801	-	(20,243)
Smith College				
Fate and Impacts of Silver Nanoparticles in Treatment Wetlands	15.805	636916-1	-	13,728
Universidad Austral de Chile				
Revealing Unknown Links in the Life Cycle of Shorebirds	15.635	F21AP01538-00	-	14,143
Total U.S. Department of Interior			<u>-</u>	<u>440,736</u>
U.S. Department of Justice				
Court Decision-Making in Domestic Violence Cases: An Analysis of the Case Processing Pipeline in South Carolina	16.560	15PNJ1-21-GG-02802-REVA	-	182,954
Passed through programs from:				
Michigan State University				
Assessment of Cognitive Performance-based Training to Improve Police Decision-making	16.560	RC110216-SC	-	(610)
SC Department of Public Safety				
Addressing Minority Youth Contact with Law Enforcement: An Approach to Reducing Racial and Ethnic Disparities in the South Carolina Juvenile Justice System	16.540	41000620	-	38,288
The City University of New York				
Investigating the Root Causes of School Violence: A Case Control Study of School Violent Offenders, Youth Violent Offenders, and Non-offending Youths	16.560	CM00005838-00	-	48,236
University at Buffalo, SUNY				
Atypical Work Hours and Adaptation in Law Enforcement: Targets for Disease Prevention - Subcontract W/The Research Foundation for SUNY on behalf of University at Buffalo	16.560	R1218292	-	18,731
Total U.S. Department of Justice			<u>-</u>	<u>287,599</u>
U.S. Department of State				
Justice Sector Training, Research, and Coordination Plus (JustTRAC+) Program Project 1	19.703	SINLEC18CA2068	-	1,134,619
Think Tank Capacity Building	19.700	SLMAQM20GR2180	93,750	273,034
Empowering Workers for Justice in Bangladesh	19.345	SLMAQM21GR3195	223,344	430,189
Total U.S. Department of State			<u>317,094</u>	<u>1,837,842</u>
U.S. Department of Transportation				
Passed through programs from:				
Clemson University				
Center for Connected Multimodal Mobility	20.701	1919-211-2021810	-	110,895
National Academy of Sciences				
Laser-based Non-destructive Spike Defect Inspection System	20.313	SAFETY-44/SUB0001607	-	52,538
University of North Carolina Wilmington				
Testing a Novel Strategy to Measure Underwater Radiated Noise of Vessels in Shallow Coastal Oceans	20.820	585400-P22-0070	-	14,435
Total U.S. Department of Transportation			<u>-</u>	<u>177,868</u>
Library of Congress				
Passed through programs from:				

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Federal grantor/pass-through grantor/program title	Assistance Listing number	Grant Number	Passed through to subrecipients	Expenditures
National Film Preservation Foundation				
Preserving the memories of the Textile Industry through the Spartan Mills Home Movies	42.011	FED22-023	10,071	10,071
Waynesburg University				
TPS Civil Rights K-12 Professional Learning Conference	42.010	U00030372	-	16,560
Total Library of Congress			<u>10,071</u>	<u>26,631</u>
National Aeronautics & Space Administration				
Enhanced Electro-mechanical Powertrain Safety through Deterministic Online Model Assimilation	43.008	521536-SC	-	26,584
Cooperation and adaptability in microbial mats from extreme environments: Quorum sensing and its relation to early life on Earth and elsewhere.	43.001	80NSSC18K1064	-	60,931
Compact, Robust Spatial Heterodyne Raman Spectrometer for Planetary Exploration	43.001	80NSSC19K1024	75,073	211,102
ECOSTRESS- Heat and Desiccation Risk Prediction in Intertidal Shellfisheries	43.001	80NSSC20K0074	-	26,187
Probing Dust Properties and Evolution Using Multi-wavelength Measurements of Absorption and Extinction in Galaxies Over the Past ~12 Gyr	43.001	80NSSC20K0887	33,153	81,951
RASPBERRY SI: Resource Adaptive Software Purpose-Built for Extraordinary Robotic Research Yields - Science Instruments	43.001	80NSSC20K1720	28,774	98,416
Synthetic Design Synthesis of Thermoplastic UD Tape Based, Fastener-free assemblies for Urban Air Mobility vehicles	43.002	80NSSC20M0165	907,019	1,422,456
HICAM 3.07 - DFM & CAPP Tools	43.002	80NSSC21M0314	-	4,954
Tri-Carbide Fuel Development	43.012	80NSSC22K0425	-	166,455
Identification of Disadvantaged and Low-Capacity Communities Subject to Wildfire Risks	43.001	80NSSC22K1554	20,154	61,273
HICAM P1.RIF.DFM.01	43.002	80NSSC22M0155	-	764,360
Hyper-Spectral Communications, Networking & ATM as Foundation for Safe and Efficient Future Flight: Transcending Aviation Operational Limitations with Diverse and Secure Multi-Band, Multi-Mode, and mmWave Wireless	43.002	NNX17AJ94A	-	25,773
Passed through programs from:				
Clemson University				
Peroxide-Producing Microbial Fuel Cells for Space Life Support Systems Applications	43.008	2149-223-2023494	-	60,734
Rapid Laser 3D Printing of Reversible Solid Oxide Electrochemical Cell Stacks for Producing Pure O2 from CO2 and Storing Electricity into Carbon	43.008	2250-223-2024324	-	101,897
College of Charleston				
Wideband nondestructive characterization and defect detection with noncontact laser Lamb waves for advanced composite materials	43.008	521340-SC005	-	(22)
Radiation Hard and Machine Learning Reinforced 4H-SiC Radiation Detectors for Space Applications	43.008	521340-SC006	-	27,022
sUAS and 3D Marsh Modeling to Support NASA's New Satellite (SWOT) for Coastal Topography and Marsh Sustainability of South Carolina	43.008	521340-SC007	-	34,961
GRF 2022-23: Inspection Influenced Manufacturing: Characterization of an Automated Fiber Placement System	43.008	521383-GRF-SC003	-	16,000
Unraveling the Structure and Star Formation History of Polar Ring Galaxies	43.008	521383-GRF-SC004	-	16,000
Minimizing Through Thickness Defect Stack-up for Automated Fiber Placement of Composite Laminates via Fiber Path Optimization	43.008	521383-GRF-SC005	-	15,990
MIST 2022-23: Exploring Metallic Porous Materials Through Laser Powder Bed Fusion Additive Manufacturing	43.008	521383-MS-SC003	-	7,500
Developing Industrial Internet-of-Things (IIoT) Connectivity Hardware to Enable Factory to Factory (F2F) Networking for Future Manufacturing Applications	43.008	521383-MS-SC004	-	7,500
Modeling and Coin Cell Development of Structural Batteries for Aerospace Applications	43.008	521383-PA-SC002	-	21,913
3D Printing of Tungsten via Laser Powder Bed Fusion Additive Manufacturing	43.008	521383-PA-SC003	-	4,132
Palmetto Academy: Structural Batteries Demonstrators for Aerospace Applications	43.008	521383-PA-SC004	-	24,000
Inverse Design of Low-cost and Light-weight Structures for Extreme Temperature Environments	43.008	521383-RP-SC004	-	18,631
In-situ Real-time Defect Detection in Metal-based Additive Manufacturing	43.008	521383-RP-SC005	-	9,052
UG 2022-23: Machine Vision and Machine Learning Using Edge Computing to Improve Quality Control	43.008	521383-UG-SC005	-	7,500
Supercritical Combustion Related to Supercritical Water Oxidation Process and Recycling of Non-edible Biomass	43.008	521473-SC	-	37,099
Space Grant Campus Director (South Carolina)	43.008	80NSSC20M0054	-	834
Advanced Machine and Process Architecture for Refractories via Laser Powder Bed Fusion Additive Manufacturing	43.008	80NSSC21M0148	-	5,304
An Aerial Platform to Navigate the Troposphere of Venus Enabled by New Cellular Materials	43.008	80NSSC21M0154	-	43,013
Augmenting Physics-Based Design and Multi-Physics Based Manufacturing with Data Driven Models to Manufacture Advanced Composites Structures with Automated Fiber Placement	43.008	80NSSC21M0327	14,785	163,582
Georgia Institute of Technology				
Innovative Manufacturing, Operation, and Certification of Advanced Structures for Civil Vertical Lift Vehicles (IMOCAS)	43.002	80NSSC21M0113	-	403,943
Innovative Manufacturing, Operation, and Certification of Advanced Structures for Civil Vertical Lift Vehicles (IMOCAS)	43.002	AWD-002709-G4	-	104,116
Rensselaer Polytechnic Institute				
The DEEP Project: DETecting Extraterrestrial Piezophiles in Ocean World Analogs	43.001	A18-0010-S001	-	15,181
Reconciling Prebiotic Paradigms: Mapping Planetary Reality onto Experimental Strategies	43.001	A19-0117-S004	-	(935)
SC Space Grant Consortium				
SOA 2022-23: Computational Algorithms and Speed: An Education Game for High School Students (Andrew Bernhardt)	43.008	521383-SOA-SC003	-	6,000
Total National Aeronautics & Space Administration			<u>1,078,958</u>	<u>4,101,389</u>
National Endowment for the Humanities				
America's Reconstruction: The Untold Story	45.163	ES-281208-21	-	135,773
Developing Training for and Establishing Partnerships between Community Health Workers and Medical Librarians for LGBTQIA+ Health Promotion	45.312	LG-246360-OLS-20	-	49,049
META 2: Furthering Our Understanding of the Economic Value of Public Library Services	45.312	LG-96-18-0240-18	-	40,635
Virtual bench: a hybrid research and computation platform for digital surrogates of motion picture films	45.149	PR-284350-22	-	124,032
Online Ready: Designing Culturally Competent and Impactful K-12 Online Learning	45.313	RE-250017-OLS-21	42,466	109,274
The Revolutionary Era Pinckney Statesmen of South Carolina, A Digital Documentary Edition: Phase 3	45.161	RQ-255751-17	-	15,005
The Revolutionary Era Pinckney Statesmen of South Carolina: A Digital Documentary Edition – Stage 4 - Final	45.161	RQ-271137-20	-	22,282
Passed through programs from:				
SC Department of Natural Resources				
SnowVision: A Machine Learning-Based Image Processing Tool for the Study of Native American Paddle Designs	45.169	P24011241319	-	28,103
SC Humanities Council				
Wood Basket of the World: Lumbering, Manufacturing, and Conserving South Carolina's Forests - Conference and Traveling Exhibit	45.129	23-2169-1	-	3,531
Wood Basket of the World: Lumbering, Manufacturing, and Conserving South Carolina's Forests	45.129	U00032065	-	2,000
University at Buffalo, SUNY				
Identifying Opportunities for Retention of BIPOC Librarians Using Survival Analysis	45.313	R1288890	-	21,052
University of Denver				
The Practice Model for an Equitable Workplace Transition Program (EWTP): Disability and Neurodiversity	45.312	SC38312-01	-	13,947
Total National Endowment for the Humanities			<u>42,466</u>	<u>564,683</u>
National Science Foundation				
CAREER: Detection and Quantification of Metal-Based Engineered Nanoparticles in Surface Waters	47.041	1553909	-	44,001
Mutational Variance of the Transcriptome and the Origins of Phenotypic Plasticity	47.074	1556645	-	60,996
CAREER: Revealing the Mechanisms that Determine How an Active DNA Transposable Element Impacts the Genome	47.074	1651666	-	98,011
CAREER: An All-Optical Plasmonic Device to Control and Coupled Quantum Dots for Optical and Quantum Information Processing	47.041	1652720	-	43,966
CAREER: Carborane Cluster Architectures Featuring Multiple Metal-Boron Interactions	47.049	1654301	-	106,330
LTREB: Long Term Studies of Salt Marsh Primary Production	47.074	1654853	-	57,910
Identifying a New Circuit That Controls Feeding Behavior: Leptin and Serotonin Interactions	47.074	1656626	-	9,497
REU SITE: Collaborative Research: Integrated Academia-Industry Research Experience for Undergraduate in Smart Structure Technology (IAIREST)	47.041	1659507	-	2,083
USC Science and Mathematics Teachers Initiative Phase 2 (USC-SMTI P2): Continuing to Improve Teacher Preparation & Retention	47.076	1660700	10,000	109,284
Plasma Discharge in Liquids: Understanding the Initiation and Formation Mechanisms of Non-Thermal Plasma in Dense Medium	47.049	1707282	-	(12,631)
Collaborative Research: SAVANT: Stable Atmospheric Variability and Transport	47.050	1733746	-	25,049
Collaborative Research: US GEOTRACES PMT: Sources and Rates of Trace Element and Isotope Cycling Derived from the Radium Quartet.	47.050	1736321	-	30,003
Groundwater Sources of new for Benthic Microalgal Production in the South Atlantic Bight	47.050	1736557	1,661	44,914
CAREER: Multi-scale Modeling of Biological Gels by Coupling Langevin Equations and Fractional Viscoelastic Constitutive Models	47.049	1751339	-	47,402
CAREER: Quantifying the Response of Rivers and Floodplains to Changes in Climate and Land Use	47.041	1751926	-	206,410
CAREER: Tunable Isomorphic Architectures	47.049	1752615	-	151,196

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CSBR: Living Stocks Support for the Peromyscus Genetic Stock Center	47.074	1755670	-	3,115
Bifunctional Catalysts for Selective Hydrogenation of Biomass Derivatives: Furfural Hydrogenation over Pt-Sn Supported on Titania	47.049	1764164	1,492	130,659
Activation of C-H Bonds at Multinuclear Metal Sites	47.049	1764192	-	2,283
Collaborative Research: Investigating the Fate of Carbon at an Ultralow Spreading Center	47.050	1801036	-	39,201
Fundamentals of a New All Solid-state Metal-air Redox Battery Operated on Oxide-ion Chemistry	47.041	1801284	-	1,293
Collaborative Research: High Frequency Hydroclimate Extremes and Synoptic Climate Drivers in Western North America at the End of the Little Ice Age	47.050	1802018	-	35,228
GOALI: Collaborative Research: Electrochemical CO2 Separation and Capture through Design of Carbonate-Selective Catalysts and Ionomers	47.041	1803189	-	579
Collaborative Research: Understanding and Manipulating the Solvent Microenvironment for Selective, Catalytic Amination of Renewable Oxygenates	47.041	1805307	-	(3,866)
New Lanthanide-Containing Silicate Fluoride Scintillators for Radiation Detection	47.049	1806279	-	(13,222)
General Strategies Toward Mechanically Robust Biobased Polymers and Composites	47.049	1806792	-	142,623
Collaborative Research: How magnetic nanoparticles organize in extreme force gradients	47.049	1808426	-	7,735
NSF-BSF: The Study of Nuclear Physics with Intermediate Energy Probes	47.049	1812382	-	14,453
Collaborative Research: Socio-Linguistic Analysis of Cross-Cultural Encounters and their Outcomes	47.075	1823665	-	(2,718)
MRI: Acquisition of Time of Flight-Inductively Coupled Plasma-Mass Spectrometer to support multi-disciplinary research and training in South Carolina and Nationwide	47.041	1828055	-	45,227
Collaborative Research: Deployment of Laser Induced Breakdown Spectroscopy System from ROV Jason	47.050	1829327	-	19,178
Next Generation Raman: Developing A Monolithic Spatial Heterodyne Spectrometer For Multi-Scale Chemical Mapping In Marine Environments	47.050	1829333	-	18,990
Cyberinfrastructure Center of Expertise	47.070	1829698	32,162	60,025
Understanding and Designing Novel Anode Materials for Solid Oxide Fuel Cells	47.049	1832809	-	143,848
Formation of Environmentally Persistent Free Radicals on Engineered Nanomaterials During Thermal Treatment	47.041	1834638	-	78,020
26TH NSF EPSCOR NATIONAL CONFERENCE: Science and Partnerships Across Disciplinary Boundaries	47.083	1841103	163,130	166,629
Collaborative Research: Shark FEST - Fusing Eocene Shark Tracers: Paleoeology, Ocean Circulation, and Antarctic Glaciation with Geochemistry and Climate Modelling	47.050	1842176	-	13,500
S&AS: FND: COLLAB: Planning Coordinated Event Observation for Structured Narratives	47.070	1849291	-	5,720
CRII: CPS: Algorithms and Methodologies for Real-Time Decision-Making of Mission-Critical Structures Experiencing High-Rate Dynamics	47.070	1850012	-	16,277
CRII: SaTC: A Malware-Inspired Approach to Mobile Application Repackaging and Tampering Detection	47.070	1850278	-	(101)
REU Site: Disparities in the Criminal Justice System	47.075	1851955	-	117,073
REU Site: Engineering Medical Advances at the Interface of Experiments and Computation	47.041	1852331	-	106,206
Mathematical Modeling, Computational and Experimental Investigation of the Dynamics of Heterogeneity in Breast Cancer	47.049	1853365	-	14,462
SaTC: CORE: Small: Collaborative: Enabling Precise and Automated Insecurity Analysis of Middleware on Mobile Platforms	47.070	1856380	-	2,436
Exploring and Understanding the Effect of Cation- π Interactions in Asymmetric Catalysis	47.049	1856772	-	130,611
Collaborative: Multi-state Community College, University and Industry Collaboration to Prepare Learners for 21st Century IT Jobs	47.076	1860237	-	156,318
INFEWS-US-China: Collaborative Research: Investigating the role of wet wastes in the global circular economy: sustainable conversion to products using hydrothermal carbonization	47.041	1902419	-	23,728
Collaborative Research: Mechanochemistry of Metallocenes	47.049	1904373	-	27,826
Functional Nanotubes from Self-Assembled Bis-Urea Macrocycles	47.049	1904386	-	45,308
EAGER: Thermal Materials Discovery via Deep Learning based High-Throughput Computational Screening	47.049	1905775	-	19,048
LSAMP BD: University of South Carolina-Columbia, LS SCAMP	47.076	1906154	-	14,285
Collaborative Research: Organic and Inorganic Geochemical Investigation of Hydrologic Change in East Antarctica in the 4 Million Years Before Full Glaciation	47.050	1908399	-	50,096
Deconvoluting the Southern South American Pleistocene-Holocene Dust Production Pathways	47.050	1910510	-	53,717
SHF:Small:A Unified Approach for Scheduling Computer Vision Dataflow Graphs	47.070	1910748	-	102,696
CNS Core: Small: Software-Hardware Reconfigurable Systems for Mobile Millimeter-Wave Networks	47.070	1910853	-	230,140
Efficient Numerical Simulations of Oceanic Flows with Application to Coastal Modeling	47.049	1913073	-	2,768
Hybrid Multiscale Methods with Applications in Biomaterials and Bioengineering.	47.049	1913146	-	68,060
Understanding the Fundamental Mechanisms Governing Tensile Strength of High-Performance Small-Scale Carbon/Glass Fibers	47.041	1915948	-	30,939
MRI: Acquisition of the NanoFazor – a unique AFM-based nanolithography tool to support multidisciplinary research and promote nanoscience in South Carolina and beyond	47.049	1920117	-	50,246
Collaborative Research: Decision Making on the U.S. District Courts: Building a Multi-User Database	47.075	1920991	-	54,093
A New Class of Chemical Potential Driven Plug Flow Membrane Reactors for Combined Gas Separation and Direct Natural Gas Conversion	47.041	1924095	-	89,170
Integrating Scholarships, Academic Assistance, Professional Development, and Wellness to Increase Undergraduate Retention in Engineering and Computing	47.076	1930492	-	239,773
Influence of Inquiry Lab Development and Teaching on TA and Faculty Beliefs About Teaching	47.076	1933395	-	13,389
RTML: Small: Collaborative: A programming model and platform architecture for real-time machine learning for sub-second temporal systems	47.070	1937535	-	94,044
Center for Rational Catalyst Synthesis (CeRCas) /UCRC Phase II	47.041	1939876	-	41,617
Collaborative Research: Integrating Physics and Generative Machine Learning Models for Inverse Materials Design	47.070	1940099	-	101,355
CAREER: Enabling Autonomy via Enhanced Situational Awareness for Underwater Robotics	47.070	1943205	-	23,012
Role of miR156-targeted SQUAMOSA PROMOTER BINDING PROTEIN-LIKE transcription factors in floral transition	47.074	1947274	-	156,875
Bridging Pathways for the Preparation of Highly Qualified Mathematics and Science Teachers	47.076	1950204	-	183,098
Finance and the reshaping of the U.S. electricity system	47.075	1951102	-	24,190
SaTC: CORE: Small: Semantics-Oriented Binary Code Analysis Learning from Recent Advances in Deep Learning	47.070	1953073	-	12,089
CAS: Collaborative Research: New Hybrid Catalysts for Sustainable Cross-Coupling Reactions: Using Atomic Layer Deposition to Immobilize and Enhance Molecular Catalysts	47.049	1954850	-	86,263
Molecular dynamics with quantum nuclear effects: bridging the quantum and classical domains	47.049	1955768	-	101,211
Spokes: MEDIUM: MIDWEST: Collaborative: Community-Driven Data Engineering for Opioid and Substance Abuse in the Rural Midwest	47.070	1956009	-	601
Collaborative Research: SHF: Medium: Machine Learning on the Edge for Real-Time Microsecond State Estimation of High-Rate Dynamic Events	47.070	1956071	-	52,707
Number Theory Meetings in the Southeast	47.049	2001418	-	10,673
Investigating the Barriers to Retention and Tenure for Black and Hispanic Engineering Faculty at R1 Institutions	47.041	2001724	-	196,839
Multidimensional and Nonlinear Kinetics in Complex Materials	47.049	2003619	-	154,252
Molecular rotors for studying transition state stabilization by non-covalent interactions	47.049	2003889	-	168,036
Enacting a culturally-sustaining STEM Institute in the Gullah/Geechee Community in the Southeastern United States	47.076	2005810	11,802	72,347
Finding hydrothermal chimneys along the Southern East Pacific Rise with machine learning approaches to AUV-based sonar data	47.050	2006265	-	128,432
CNS Core: Small: Collaborative Research: SmarSight: an AI-Based Computing Platform to Assist Blind and Visually Impaired People	47.070	2007202	-	125,408
Collaborative Research: The Circumgalactic Dictionary: An Interpretation Guide For Circumgalactic Medium Observations	47.049	2007538	-	53,032
Fulfilling the Atomic Physics Needs for Spectroscopic Diagnostics of Cosmic Chemical Evolution	47.049	2009811	-	113,493
Variable-Order Fractional Partial Differential Equations: Computation, Analysis, and Application	47.049	2012291	-	73,070
State and Parameter Estimation: Variationally Stable Models and Physics-Informed Learning	47.049	2012469	-	65,460
Collaborative Research: Models, Algorithms, Simulations, and Applications for Three-Phase Systems with Solidification Model and Moving Contact Lines	47.049	2012490	-	44,924
Collaborative Research: Bayesian and semi-Bayesian Methods for Detecting Relationships in High-dimensions	47.049	2015528	-	41,911
CAREER: Understanding Interface-Mediated Deformation in Metallic Nanolayered Composites by Experimentally-Validated Multiscale Modeling	47.041	2015598	-	208,070
CCRI: Medium: Collaborative Research: Hardware-in-the-Loop and Remotely-Accessible/Configurable/Programmable Internet of Things (IoT) Testbeds	47.070	2016415	-	70,474
MRI: Acquisition of Omniprecipitant Chamber for Gathering Ground Truth and Enabling Research on Smart and Connected Things	47.070	2018966	-	36,594
Collaborative Research: College Mathematics Instructor Preparation Project	47.076	2020952	-	35,580
Stress Neurobiology Workshop	47.074	2021810	-	1,294
NRI: INT: COLLAB: Cooperative Underwater Structure Inspection and Mapping	47.070	2024741	-	131,891
Understanding the Role of Activated Oxygen Species in the Room Temperature Conversion of Methane to Methanol	47.041	2025709	-	120,078
Unraveling Hidden Physics in Multiphase Combustion: Preferential Vaporization at Elevated Pressure	47.041	2028376	-	77,578
Thermal Transport in Dynamically Disordered Materials with Frustrated Energy Landscape	47.041	2030128	-	45,313
Collaborative Research: Constraining the thermal conditions of the subduction interface by integrating petrology and geodynamics	47.050	2037543	-	5,409

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RTG: Mathematical Foundation of Data Science at University of South Carolina	47.049	2038080	-	251,095
CAREER: Topographic Controls on Overmarsh Circulation and Sedimentation Along a Salt Marsh - Forest Continuum	47.050	2041366	-	55,061
Collaborative Proposal: Treatment of Cyanotoxins by UV/Chlorine: Optimizing Removal While Developing Strategies to Minimize Disinfection Byproducts and Toxicity	47.041	2042016	-	5,583
Collaborative Research: US GEOTRACES GP17-OCE and GP17-ANT: Export and remineralization rates of bioactive and particle reactive trace elements using thorium-234	47.050	2046790	-	67,504
Collaborative Research: Foraminiferal Ecological Response to Ocean Conditions in the Northwest Pacific Ocean	47.050	2048785	-	150,097
Collaborative Research: US GEOTRACES GP17-ANT: Constraining the Neodymium (Nd) Isotope and Rare Earth Element Cycles near the Amundsen Sea Continental Margin	47.050	2049310	-	19,323
Distinguishing Sediment, Serpentinite, and Altered Oceanic Crust in the Source of Aleutian Volcanic Rocks Using Boron & Molybdenum Isotopes	47.050	2050271	-	90,652
REU Site: CO2 Chemical Engineering: Opportunities and Challenges	47.041	2050956	-	119,568
EAGER: Novel approaches to study green leaf volatile perception	47.074	2051699	-	193,829
The contribution of introgression to convergent floral evolution in Penstemon	47.074	2052904	-	154,904
Quantitative Methods in Arithmetic Statistics	47.049	2101874	-	72,966
Rapid Collaborative Proposal: Characterization, Quantification, and Transport of Incidental Nanomaterials from Wildland-Urban Fires in Surface Waters	47.041	2101983	-	58,794
I-CORPS: Silver nanoparticles for elimination of fungal toxins	47.041	2103610	-	12,260
Synthesis of Hierarchical Materials with a Tunable Photoisomerization Response	47.049	2103722	-	77,707
CRII:CNS: Auction Mechanism Design for Energy-Efficient High Performance Computing	47.070	2104925	-	5,529
Sustaining the operation of the Peromyscus Genetic Stock Center	47.074	2105999	-	330,397
Collaborative Research: SHF: Medium Causal Performance Debugging for Highly-Configurable Systems	47.070	2107463	-	200,282
Nonlocal Transport Equations in Fluids, Swarming, and Traffic Flows	47.049	2108264	-	75,810
Ligand exchange equilibrium at quantum dot surfaces in polar and aqueous solvent environments	47.049	2109064	-	142,182
Maximum Bound Principle-Preserving Time Integration Methods for Some Semilinear Parabolic Equations	47.049	2109633	-	64,102
Deep Learning Accelerated Inverse Design of Lab-Scale Energy Efficient Heterojunctions for Wide-Bandgap Devices	47.041	2110033	-	57,175
NSF-BSF: The Study of Nuclear Physics with Intermediate Energy Probes	47.049	2111050	-	393,075
Doctoral Dissertation Research: Language Ideologies and Activism in Transgender Communities in the U.S South - Archie Crowley	47.075	2116356	-	2,896
CyberTraining: Implementation: Small: Cybertraining on P4 Programmable Devices using an Online Scalable Platform with Physical and Virtual Switches and Real Protocol Stacks	47.070	2118311	-	105,594
RII Track 2 FEC: Enabling Factory to Factory (F2F) Networking for Future Manufacturing	47.083	2119654	319,129	724,742
Doctoral Dissertation Research: Sex Differentials in Frailty in Medieval Ireland	47.075	2120102	-	7,708
Doctoral Dissertation Research: Histories of Stress: A Life Course Approach to Population Health in Medieval Berlin	47.075	2120106	-	4,389
Collaborative Research: Developing an Integrated Computer Science Curriculum for Culturally and Linguistically Diverse Classrooms at Grades 3-5	47.076	2122013	-	50,379
Collaborative Research: Developing crystal clocks in metamorphic rocks: Using lithium in subduction zone garnets to decipher fluid release timescales	47.050	2122513	-	143,933
High Efficiency UV-LEDs Based on Hybrid 2D/3D Materials	47.041	2124624	-	178,250
Climate change, community dynamics, and long-distance migratory birds	47.074	2126004	33,837	63,008
Institute for Measurement Methods in Rural STEM Education	47.076	2126060	-	347,464
ISS: Understanding the Gravity Effect on Flow Boiling Through High-Resolution Experiments and Machine Learning	47.041	2126437	-	127,630
Fundamental Studies of Process-Material Interactions in Advanced Adhesion-Driven Manufacturing with Automated Placement of Uncured Thermoset Tows as Model Process	47.041	2127361	-	145,369
Not all who wander are lost - Testing for genes associated with migratory behavior in a peripatetic species	47.074	2129600	-	133,942
EAGER: Advancing Neuro-symbolic AI with Deep Knowledge-infused Learning	47.070	2133842	-	41,755
EAGER-New Search Technique for keV Sterile Neutrinos	47.049	2134505	-	28,520
CAREER: Reactions of volatile organics in aerosol particles as a source of persistent free radicals	47.049	2142825	-	69,634
CAREER: Biomaterial Implants to Control Adipose Tissue Function	47.083	2144087	-	94,957
CAREER: Vision and Learning Augmented D-Band Networking and Imaging	47.070	2144505	-	9,984
CAREER: Towards Secure and Usable IoT Authentication Under Constraints	47.070	2144669	-	6,208
CAREER: Crystallization of Chiral Liquid Crystals Under Curved Confinement	47.049	2146428	-	139,099
Collaborative Research: Rodingites as Recorders of Tectonic Processes From the Seafloor to Convergence: A case study of the Dun Mountain Ophiolite Belt	47.050	2147572	-	56,315
Collaborative Research: Dynamics of Cross-Sheff Plumes under Upwelling Wind Conditions	47.050	2148480	-	110,859
USC Science and Mathematics Teachers Initiative Phase 3 (USC-SMTI): Continuing to Improve Teacher Preparation & Retention (Parent)	47.076	2151036	5,725	203,684
LEAP-HI: A data-driven Fragility Framework for Risk Assessment of Levee Breach	47.041	2152896	30,165	119,283
Redox-Active Carborane Clusters for Metal-Free Bond Activation	47.049	2154928	-	11,703
RI: Small: Cooperative Planning and Learning via Scalable and Learnable Multi-Agent Commitments	47.070	2154904	-	51,546
Ligand Dynamics and Chemistry on Locally Curved Metallic Nanoparticle Surfaces	47.049	2202928	-	26,594
Collaborative Research: Not all nitrogen is created equal: Quantifying the effects of different nitrogen forms on marsh persistence	47.074	2203324	-	81,412
Collaborative Research: CAS: Mechanochromism of Metalloenes	47.049	2203388	-	83,519
Functional nanotubes from self-assembling bis-urea macrocycles	47.049	2203830	-	153,215
Unravelling the Coupled Physics of Piezoelectric and Plasma Behavior in Piezoelectric Stimulated Plasma Sources	47.049	2206406	-	58,387
Coordination of Plant Growth and Defense Through Key Regulators in Salicylic Acid and Brassinosteroid Pathways	47.074	2207677	-	56,003
Transcriptional control of growth regulatory modules by ALL transcription factors	47.074	2211715	-	16,772
Experimental speciation and the genomics of reinforcement in Drosophila	47.083	2212157	-	97,295
Collaborative Research - EAGER: A Novel Carbon Nanotube Based Phosphate Sensor Using Potentiometric Principles for Oceanographic Use	47.050	2212616	-	13,658
CCRI: Planning-C: Planning to Build Digital Infrastructure for Real-Time, Continual, and Intelligent Transportation Analysis and Management	47.070	2213731	-	60,867
MSA: Understanding spatial patterns of abundance and occupancy in terms of taxa, traits, and space (Project Transfer from Louisiana State University to UofSC)	47.074	2213878	-	59,444
Development of A New High Temperature Source Metalorganic Chemical Vapor Deposition System (HTS-MOCVD) for Next Generation IIIA/B-Nitrides	47.083	2216107	-	239,379
MRI: Acquisition of the MALDI-MS rapiflex system as an analytical tool to support multidisciplinary research at University of South Carolina	47.049	2216137	-	469,835
Collaborative Research: ECO-CBET: Coupled homogeneous and heterogeneous processes for an environmentally sustainable lignin-first biorefinery	47.041	2218938	-	54,215
Collaborative Research: NNA Research: Meq unguvatkarput (water is our livelihood) - building community resilience for the future	47.050	2220562	-	781
Collaborative Research: Understanding Interactions between Mesoscale and Microscale Flows in the Stable Boundary Layer over Shallow Terrain	47.050	2220662	-	50,105
New Fluoride and Oxyluoride Materials - Targeting Magnetic and Optical Properties	47.049	2221403	-	90,098
Institute for Measurement Methodology in Rural STEM Education Postdoctoral Research Fellowship (IMMERSE-PRF)	47.076	2222499	-	29,355
Collaborative Research: Three decades of foraminiferal assemblages in the Santa Barbara Basin provide a link between present and past climates	47.050	2223075	-	56,577
ISS: Transient Behavior of Flow Condensation and Its Impacts on Condensation Rate	47.041	2224438	-	16,006
Generational Family Patterns, and Engineering Entry and Persistence: A Bowen Family Systems Approach	47.076	2225381	-	76,556
Collaborative Research: EAGER: Towards a Design Methodology for Software-Driven Sustainability	47.070	2233873	-	56,898
CAREER: Data-Driven Control of High-Rate Dynamic Systems	47.070	2237696	-	2,761
CAREER: Identifying and Exploiting Multi-Agent Symmetries	47.083	2237963	-	590
CAREER: Mechanistic understanding of the nanoscale interactions of structurally tunable 3D assemblies of MXenes-polyelectrolytes	47.041	2238908	-	997
CAREER: Enzymatic sulfur incorporation and modification in the biosynthesis of natural products	47.049	2239561	-	30,726
Understanding the effect of polymer microenvironment on reaction rates and selectivity	47.049	2247455	-	6,282
Nitrous oxide production by salt marsh sediment fungi: its significance and mechanisms	47.074	2303089	-	893
Collaborative Research: RAPID: Capturing the Elgin-Lugoff earthquake swarm with a dense nodal array	47.050	2303140	-	100
Topics in Mathematical Biology and Fluid Mechanics (Transferred Award)	47.049	2304392	-	31,264
RAPID: Impacts and recovery of natural and managed coastal dunes on a South Carolina barrier island from Hurricane Ian	47.050	2306048	-	3,630
CAREER: Impact of Inlet Conditions on Interfacial Instability and Spray Formation: High-Fidelity Simulation, Characterization, and Sub-Grid Modeling	47.041	2321396	-	20,806
NSF Graduate Research Fellowship: Maina Handmaker	47.076	DGE-2034711	-	169,000
Developing Master Teachers through the South Carolina Science and Mathematics Teacher Leaders (SC-SMTL) program	47.076	DUE-1439842	-	(3,100)
RII Track 1: Materials Assembly and Design Excellence in South Carolina: MADE in SC	47.083	OIA-1655740	1,704,544	2,630,268
RII Track-2 FEC-Genome to Fitness: An analysis of the stress response in Peromyscus	47.083	OIA-1736150	225,189	373,800

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Passed through programs from:				
Benedict College				
Excellence in Research: Machine Learning and Applications	47.076	20-88001	-	4,302
Targeted Infusion Project: Infusion of Active and Problem-Based Learning for Teaching and Research in the Context of Transportation Disruptive Technologies	47.076	20-88854	-	24,386
Dartmouth College				
RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and Predicting Harmful Cyanobacterial Blooms	47.083	OIA-1923004	-	105,002
Donald Danforth Center				
PlantsynBio/TR-Tech-PGR: Targeted Integration of User-Defined DNA in Plants	47.074	24311-5 2149964	-	16,199
Marine Biological Laboratory				
LTER-Plum Island Ecosystems: Dynamics of Coastal Ecosystems in a Region of Rapid Climate Change, Sea-level Rise, and Human Impacts.	47.050	52684	-	(7,548)
LTER: Plum Island Ecosystems, the impact of changing landscapes and climate on interconnected coastal ecosystems	47.050	54608	-	45,208
NC State University				
STEM Teens: Examining the Role of Youth Educators in Informal Science Learning Sites Evaluation Plan	47.076	2018-2113-01	-	4,985
Occidental College				
Center for Undergraduate Research in Mathematics (CURM) Mini Grants: Initiation to Mathematic Research	47.049	OXY-CURM0085	-	4,999
PAWR, LLC				
Millimeter-Wave Software-Defined Radio for Aerial Experimentation and Research Platform for Advanced Wireless	47.070	CNS-1939334	-	46,759
San Francisco State University				
SFSU Subcontract for REU SITE: Collaborative Research: Integrated Academia-Industry Research Experience for Undergraduate in Smart Structure Technology (IAIRESST)	47.041	1659877 / S21-0004	-	3,802
Texas A&M University				
Paleoepidemiological and ancient DNA study of a potential epidemic site	47.075	BCS-2040388 / M2103226	-	97
The Ohio State University				
NSF Convergence Accelerator Track F: Actionable Sensemaking Tools for Curating and Authenticating Information in the Presence of Misinformation during Crises	47.083	SPC-1000005635 / GR125298	-	74,626
Trustees of Princeton University				
Non-equilibrium misty plasma discharge and reactors for natural gas conversion to liquid products	47.041	EFMA 2029425	-	97,970
Non-equilibrium misty plasma discharge and reactors for natural gas conversion to liquid products	47.041	SUB0000427	-	128,018
UCLA				
Planning Grant: Engineering Research Center for Wildfire Hazard Resilience and Risk Engineering (WiRE)	47.041	2124455 / 0161GZA014	-	4,949
University of California San Diego				
RAISE: MemComputing: from software to hardware	47.070	KR 705473, 2229880	-	60,768
University of Colorado at Boulder				
EFRI E3P: Hydrogenolysis for upcycling of polyesters and mixed plastics	47.041	EFMA 2132033	-	32,674
University of Delaware				
RAPID: Automated discovery of COVID-19 related hypotheses using publicly available scientific literature	47.070	UDR0000011	-	397
University of Georgia				
LTER: Georgia Coastal Ecosystems IV	47.050	1832178	-	49,523
University of Texas at San Antonio				
OAC Core: Small: Devising Data-driven and Formal Methodologies by Employing Large-scale Empirical Data to Fingerprint, Attribute, Remediate and Analyze Internet-scale IoT Maliciousness	47.070	1000003083, 1953051	-	11,942
University of the Pacific				
RAPID: Teaching Field Geology Without Classes in the Field: Providing a Robust Educational Experience Through Digital Resources	47.050	2029920- 01	-	192
University of Utah				
PFI-TT: Reactive biofilm surfaces for efficient nitrogen management in liquid waste streams	47.084	0064120-01-USC	-	18,594
Total National Science Foundation			<u>2,538,836</u>	<u>17,895,363</u>
Social Security Administration				
Passed through programs from:				
University of Wisconsin-Madison				
COVID-19 Health Disparities and the Economic Security of Families with Children	96.007	0000002587	-	30,199
Total Social Security Administration			<u>-</u>	<u>30,199</u>
U.S. Nuclear Regulatory Commission				
USC Next Generation Engineering Fellowship Program	77.008	31310021M0029	-	31,974
Total U.S. Nuclear Regulatory Commission			<u>-</u>	<u>31,974</u>
U.S. Department of Energy				
A Multifunctional Isostructural Bilayer Oxygen Evolution Electrode for Durable Intermediate-Temperature Electrochemical Water Splitting	81.087	DE-EE0008842	90,834	308,071
Polymer products from lignin through de-aromatization and COOH functionalization	81.087	DE-EE0008912	33,237	58,000
Efficient CO2 and Natural Gas Refinery for Ethylene Production	81.086	DE-EE0009427	-	194,544
South Carolina Institute of Archaeology and Anthropology/Savannah River Archaeological Research Program Cooperative Agreement: United States Department of Energy for FY2019 - FY2023	81.214	DE-EM0005182	-	869,242
Methane Partial Oxidation over Multifunctional 2-D Materials	81.089	DE-FE0031878	126,462	237,320
Developing Stable Critical Materials and Microstructure for High-Flux and Efficient H2 production through Reversible Solid Oxide Cells	81.089	DE-FE0032111	166,591	375,951
Novel NDE Sensors, Waveforms, Models, and Algorithms for Cable Health Monitoring	81.121	DE-NE0008663	-	39,481
Remote Laser Based Nondestructive Evaluation for Post Irradiation Examination of ATF Cladding	81.121	DE-NE0008894	-	181,934
Engineered composite patch with NDE inspection for repair and mitigation of SCC in nuclear spent fuel dry storage canister	81.121	DE-NE0008959/8792	23,756	72,639
Extension of MSTDB to Provide a High-Quality, Validated Thermochemical Database for Predicting/Simulating Corrosion in Molten Salt Reactor Systems	81.121	DE-NE0008985	-	31,837
Internal Wireless Sensors for Dry Cask Storage	81.121	DE-NE0009211	43,005	197,491
Neutrino and Flavor Physics at the Intensity Frontier (Neutrino Task)	81.049	DE-SC0010073	-	1,276
Center for Hierarchical Waste Form Materials (CHWM)	81.049	DE-SC0016574	1,240,524	2,282,764
Research in Neutrinoless Double-Beta Decay	81.049	DE-SC0018060	-	120,378
Using Crystallization to Control Filler Dispersion and Vice Versa in Polymer Nanocomposites	81.049	DE-SC0018135	-	160,984
Crystal Growth of New Complex Actinide Containing Oxides, Fluorides and Chalcogenides and the Investigation of their Optical and Magnetic Properties	81.049	DE-SC0018739	-	181,401
Multimetallic Metal-Organic Frameworks as Tunable, Multifunctional Catalysts for Gas Phase Hydroformylation and Hydrogenation Reactions	81.049	DE-SC0019360	20,901	146,662
Fundamental Symmetries and Nucleon Interactions	81.049	DE-SC0019647	-	35,420
Efficient and Scalable Time-Stepping Algorithms and Reduced-Order Modeling for Ocean System Simulation	81.049	DE-SC0020270	-	37,740
Data-science enabled investigation of the mechanisms for multiscale ion transport in functional electrolytes and for the radical generation in crystalline assemblies	81.049	DE-SC0020272	-	198,115
Fundamental Neutron Physics: Theory and Analysis	81.049	DE-SC0020687	-	57,177
Creating Novel Gas Separation Constructs by Manipulating Free-Volume Distributions in Polymer-Grafted Nanoparticles	81.049	DE-SC0021252	-	(267)
Orienting Strained Interfaces designed to Direct Energy Flow	81.049	DE-SC0021363	-	219,908
Dynamic Multiscale Digital Twin for a Lung Cancer Patient	81.049	DE-SC0021655	13,988	20,781
Reliable and Efficient Machine Learning for Leadership Facility Scientific Data Analytics	81.049	DE-SC0022254	-	82,945
Organometallic Catalysis from Molecular Catalysts Non-Covalently Confined in Metal-Organic Frameworks	81.049	DE-SC0023182	-	41,267
Design of New Catalysts for the Generation of Clean H2 from Liquid Organic Hydrogen Carriers: Dehydrogenation of Methylcyclohexane on Bimetallic Catalysts	81.049	DE-SC0023376	-	554,353
Understanding the Role of Defects to Accelerate Wadsley-Roth Niobates for Long-Duration Energy Storage (Parent - Stefik)	81.049	DE-SC0023377	17,161	242,357
AOI 2: Modularization of Ceramic Hollow Fiber Membrane Technology for Air Separation	81.089	ED-FEO031473	-	105,343
Extension of MSTDB to Provide a High-Quality, Validated Thermochemical Database for Predicting/Simulating Corrosion in Molten Salt Reactor Systems	81.121	U00028245	-	68,502
Passed through programs from:				
Ames Laboratory				
Institute for Cooperative Upcycling of Plastics (ICOUPL)	81.049	DE-AC02-07CH11358	-	133,244
Boston College				
Organometallic Catalysis from Molecular Catalysts Non-Covalently Confined in Metal-Organic Frameworks	81.049	5107151-01	-	30,799

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Chemtronomy, LLC Cost-effective, Intermediate-temperature Fuel Cell for Carbon-free Power Generation	81.135	2020-03	-	53,166
Clemson University Em-Enhanced HyPOR Loop for Fast Fusion Fuel Cycles	81.135	2288-219-2014490	-	34,388
EZH2NANO, LLC Compact Catalytic Membrane Reactor for One-Step High-Efficiency Ammonia Synthesis at Moderate Temperatures and Pressures	81.086	50002, EE0009409	-	109,757
Edison Welding Institute Machine Learning Enhanced Understanding of Functional Gradient Materials Enabled by Direct Energy Deposition	81.086	58536GTH	-	93,403
Georgia Institute of Technology HIGH-PERFORMANCE AEM LTE WITH ADVANCED MEMBRANES, IONOMERS AND PGM-FREE ELECTRODES	81.087	AWD-000605-G1	-	77,244
Greenway Energy, LLC Novel dense-PBI membranes for photoelectrochemical hydrogen	81.049	U00031147	-	6,798
Novel dense-PBI membranes for photoelectrochemical hydrogen	81.049	U00031720	-	35,404
Imagen Energy, LLC Compact, High-Power, Direct Medium Voltage Solar PV Inverter	81.087	DE-EE0009637	-	159,519
Origen Hydrogen, Inc Engineering of Scalable Platinum-free Electrodes for Pure-Water AEM Electrolysis	81.135	DE-FOA-0001954	-	71,236
RAPID Manufacturing Institute Modular Catalytic Partial Oxidation Reactors Using Microstructured Catalyst Structures With Combined High Thermal Conductivity And Flame Extinction Capacity To Enhance Process Safety Margins And Enable High Per Pass Conversion	81.087	DE-EE0007888-085.9	-	(11,481)
Rensselaer Polytechnic Institute Deposition Tailor-made Size-sieving Sorbents for Post-combustion CO2 Capture	81.089	A20-0008-S001	-	8,106
Beyond-DFT Electrochemistry with Accelerated and Solvated Techniques (BEAST)	81.049	A22-0026-S001	-	111,178
Rutgers University Pioneering a cermet waste form for disposal of waste streams from advanced reactors (Pace-Forward)	81.135	DE-AR0001614	-	127,615
SC Research Foundation DOE Nuclear Engineering Scholarship and Fellowship Program at USC	81.121	DE-NE0000095	-	5,862
Theoretical Investigation of Heterogeneous Catalysis at the Solid Liquid Interface for the Conversion of Lignocellulosic Biomass Model Molecules	81.049	DE-SC0007167	-	330,418
SRS Community Reuse Organization WORC II - Workforce Opportunities in Regional Careers II	81.104	DE-EM0005210	-	51,267
Workforce Opportunities in Regional Careers II (WORC II)	81.104	DE-EM0005210	-	125,787
Terrestrial Energy, LLC Determining Uncertainties in Computed Vapor Pressures and Solubilities in Values Computed from the MSTDB-TC Library of Relation	81.121	DE-NE0009228	-	40,315
University at Buffalo, SUNY Next-Generation Ammonia System Integration Utilizing Intermittent Renewable Power (REFUEL Integrations & Testing Program)	81.135	DE-AR0001479	-	39,202
University of Colorado at Boulder Accelerated Selection of Optimal Perovskite Alloys for Solar PV using a Combined Quantum and Machine Learning Hierarchical Approach	81.087	DE-EE0009515	-	137,748
University of Connecticut In situ Measurement and Validation of Uranium Molten Salt Properties at Operationally Relevant Temperatures	81.121	DE-NE0008772	-	(858)
University of Puerto Rico Theory-guided Innovation of High-performance Electrocatalysts for Carbon Dioxide Reduction	81.049	2022-004	-	68,506
Westinghouse Electric Company, LLC Impact of Hydride and Hydride Distribution on the Mechanical Strength of Accident Tolerant Fuel Clad	81.121	CTR-PO-2020-07/4500833787	-	202,440
Development of Thermochemical Database for Predicting UN Fuel Systems Under Irradiation	81.121	CTR-RT-2022-07	-	39,413
Total U.S. Department of Energy			<u>1,776,459</u>	<u>9,204,092</u>
U.S. Department of Education				
Project IMPACT: Improving the Mental Health of Students with Emotional and Behavioral Disorders by Preparing School Counselors and Special Education Teachers to Collaborate on an Interdisciplinary Team	84.325	H325K190074	-	254,942
Application For Grants Under The Centers For International Business (Cibe) Program	84.220	P220A180009	-	206,574
Centers for International Business Education (CIBE) Program; Office of Postsecondary Education (OPE): International Foreign Language Education (IFLE)	84.220	P220A220013	-	59,462
Investigating Psychometric Properties of BASC-3 Flex Progress Monitoring Forms with Preschool Students	84.324	R324A190066	-	287,795
Passed through programs from:				
East Carolina University Improving Social, Emotional, Behavioral, and Academic Functioning of Elementary School Students through the Interconnected Systems Framework	84.324	AWD-21-0003-S001	-	274,950
Improving Social, Emotional, Behavioral, and Academic Functioning of Elementary School Students through the Interconnected Systems Framework	84.324	R324A210179	-	4,085
Georgetown County School District Evaluation of Georgetown County School District's Pathways to Success Magnet Program	84.165	23000592	-	34,437
National Institute for Excellence in Teaching NIET Supporting Effective Educator Development	84.423	S423A200043	-	8,333
Winthrop University Evaluation of the Community Assistance for Rural Arts Education (CARE) Project	84.351	U00030553	-	81,133
Total U.S. Department of Education			-	<u>1,211,711</u>
National Archives & Records Administration				
Papers of the Revolutionary Era Pinckney Statesmen - FINAL NHRPC proposal	89.003	PE-103181	-	22,450
The Papers of William Short: A Digital Selective Documentary Edition	89.003	PE-103407-22	-	65,753
The South Carolina Revolutionary Era Pinckney Papers Projects: Preserving the Digital Research Assets of Two Digital Documentary Editions - Final Year	89.003	PE-103417-22	-	75,617
Total National Archives & Records Administration			-	<u>163,820</u>
U.S. Department of Health & Human Services				
Progression of Attentional and Executive Function Deficits in HAND	93.242	10011670	-	(28,907)
Metabolic Control of Vascular Smooth Muscle Cell Plasticity	93.837	10012654	-	8,920
Elucidation of the Mechanism Behind the Pro-Cognitive Effects of Intranasal Insulin	93.866	1F31AG066501-01A1	-	2,110
The role of VMAT-2 in mediating the impact of HIV-1 protein Tat and methamphetamine on dopamine neurotransmission and behavior	93.279	1F31DA057163-01	-	15,650
Investigating the vagal gut-brain circuit regulating hippocampal neurochemistry and neuroinflammation	93.847	1F31DK131773-01A1	-	35,256
Infant Predictors of ADHD and ASD Symptomatology	93.865	1F31HD108920-01	-	35,534
Predictors of Effective Scaling: A Meta-Epidemiological Study of Bias in Early-Stage Studies to Prevent Chronic Disease	93.837	1F31HL158016-01	-	5,401
Integrating Family Resilience and Cultural Assets to Inform the LEADS Health Promotion Trial with African American Families	93.307	1F31MD017456-01	-	36,612
Neuropsychological Profiles and Risk for Dementia-Related Disease in Mothers of Children with Autism Spectrum Disorder	93.866	1F32AG079615-01	-	40,022
Spillover Benefits: The Impact of Summer Programming on Parental Rules and Routines Associated with Children's Obesogenic Behaviors	93.847	1F32DK130269-01A1	-	70,002
8-Prenylnaringenin: A Natural Therapy for Estrogen Deficiency	93.213	1K01AT010348-01A1	-	145,098
Sensorimotor Processing of Auditory Feedback in Aphasia	93.173	1K01DC015831-01A1	-	12,042
P.A.R.E.N.T.S.S. Project - Parents Adopting Recovery Management through New Technology for Self-Care and Support (for Mothers)	93.279	1K23DA051626-01A1	-	173,138
A Patient-Centered Asthma Management Communication Intervention for Rural Latino Children	93.838	1K23HL133596-01A1	-	63,582
Developing a Lifestyle Intervention to Reduce Body Weight for Obese African American Men Living in the Rural South	93.307	1K23MD013899-01	-	158,357
Developing a Community-Informed, Peer-to-Peer Intervention to Improve Health-Related Quality of Life among African American Men	93.307	1K23MD016123-01	-	92,865
Physiological Measurement of Attention as a Neurobehavioral Marker of Social Functioning and Emerging ASD Symptomatology in Infancy	93.242	1K23MH120476-01	-	196,034
Impact of Obesity on Chemotherapy-induced Cytotoxicity- Immune Cells and Skeletal muscle	93.398	1K99CA276891-01	-	33,187
Neurocognitive Impairments Resulting from Adolescent Prescription Opioid Use Disorder: Longitudinal Impact, Neural Mechanisms, and Comorbidities	93.279	1K99DA056288-01	-	208,402
Role of macrophages in CBD mediated attenuation of SEB-induced ARDS	93.859	1K99GM147910-01	-	95,583

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Big Data Health Science Fellow Program for Infectious Diseases (R25)	93.855	1R25AI164581-01	-	197,794
Quantitative genetics and population genomics of repeated complex trait evolution	93.859	1R35GM142636-01	-	496,047
Humoral immunodeficiency disrupt bile acid-induced immune tolerance in the small intestine	93.855	1R56AI162986-01A1	-	96,655
Visualizing and predicting new and late HIV diagnosis in South Carolina: A Big Data approach	93.855	1R56AI174896-01A1	-	7,296
Implementing and Evaluating the Comprehensive Integration of Physical Activity into a Major Health System and Connecting Patients to Community-Based Physical Activity Programs	93.837	1R56HL157218-01A1	53,053	197,308
Nanopore-Based HIV Self-Test for Ultrasensitive p24 Quantification in Finger Prick Blood	93.855	1R61AI174295-01	-	50,217
BD FACSymphony AS Cell Analyzer	93.351	1S100D032271-01	-	513,281
Big Data Health Science Scholar Program for Infectious Diseases	93.855	1T35AI165252-01	-	120,069
A Transdisciplinary Approach to Investigating Metabolic Dysregulation in Obese Parent and Child Dyads and Risk of Colorectal Cancer	93.393	1U01CA272977-01	-	418,680
Mitigating effects of telehealth uptake on disparities in maternal care access, quality, outcomes, and expenditures during the COVID-19 pandemic	93.865	1U01HD110062-01	-	325,002
DICAYA: South Carolina Youth (Component A)	93.945	1U18PD006513-01-00	59,292	296,921
Faculty Initiative for Improved Recruitment, Retention, and Experience (FIRRE) - Admin ASPH	93.310	1U54CA227171-01	-	319,145
CAM Center for Epigenetic Regulation of Inflammation (Admin. Core)	93.213	2P01AT003961-06A1	-	4,747
HIV/Cocaine Neurotoxicity in Females	93.279	2R01DA013137-16	107,915	213,880
Impact of Disparities in Food Security on Glycemic Control and Health Care Utilization Among Youth and Young Adults with Diabetes (R01 Competing Renewal)	93.847	2R01DK117461-06	-	69,549
The Development of Sustained Attention in Infants	93.865	2R01HD018942-31	-	237,292
Destabilization of axonal mRNAs by KHSRP complexes controls axon regeneration	93.853	2R01NS089633-06A1	22,918	346,719
South Carolina - Advancing Diversity in Aging Research Undergraduate Program (Year 6 - Competing Renewal)	93.866	2R25AG050484-06	-	234,705
USC Postbaccalaureate Research Education Program	93.859	2R25GM066526-15A1	-	339,970
Mechanisms of Fungal Iron Regulation and Thiol Redox Metabolism	93.859	2R35GM118164-06	-	329,460
Hypocretin/orexin modulation of cognitive correlates of brain aging	93.866	2R1AG050518-06A1	-	189,156
8-Prenylaringenin: A Natural Therapy for Estrogen Deficiency	93.213	3K01AT010348-03S1	-	143,076
Developing a Trauma-Focused Intervention for Older Adults Living with HIV	93.242	3K01MH115794-06S1	-	16,672
South Carolina IDEA Networks of Biomedical Research Excellence (SC INBRE) - Administrative Core	93.859	3P20GM103499-21S1	50,092	50,092
Center for the Study of Aphasia Recovery (C-STAR) - (Admin Core)	93.173	3P50DC014664-07S1	10,000	97,778
Center for the Study of Aphasia Recovery (C-STAR) - (Admin Core)	93.173	3P50DC014664-08S1	-	18,746
Physical Activity and Weight Loss to Improve Function and Pain after Total Knee Replacement	93.866	3R01AG070004-02S1	-	2,294
Big Data Analytics of HIV Treatment Gaps in South Carolina: Identification and Prediction	93.855	3R01AI1127203-04S1	-	592,814
Multi-level Determinants of Racial Disparities in Maternal Morbidity and Mortality During the COVID-19 Pandemic	93.855	3R01AI1127203-05S2	-	304,195
Role of the environmental sensor, Ahr on colitis	93.855	3R01AI160896-02S1	-	9,512
Emodin as a Chemopreventive Agent for Breast Cancer	93.393	3R01CA218578-03S1	-	27,675
Peer Coaching for Physical Activity Promotion among Breast Cancer Survivors: Adapting an Efficacious Intervention to Prepare for Implementation	93.394	3R01CA242745-02S1	-	50,688
Harnessing the Power of p53 with Panaxynol from American Ginseng to Suppress Colitis and Prevent Colon Cancer	93.393	3R01CA246809-02S1	-	4,679
Harnessing the Power of p53 with Panaxynol from American Ginseng to Suppress Colitis and Prevent Colon Cancer	93.393	3R01CA246809-03S2	-	222,787
Core Semantic Systems of the Human Brain	93.173	3R01DC017162-02S1	-	161,083
Impact of Disparities in Food Security on Glycemic Control and Health Care Utilization Among Youth and Young Adults with Diabetes	93.847	3R01DK117461-03S1	-	25,199
A Nutrition-Based Approach to Reduce Heart Disease Risk Among Overweight African Americans: Use of Soul Food Plant-Based or Omnivorous Diets to Address Cardiovascular Disease	93.837	3R01HL135220-04S1	-	385
HIV-Related Stigma and HIV Clinical Outcomes	93.242	3R01MH112376-04S1	-	2,445
Mitigate the effect of HIV-related stigma through a resilience approach	93.242	3R01MH127961-01A1S1	-	39,717
Role of Stress Granule Protein Aggregation in Axon Regeneration	93.853	3R01NS117821-02S1	23,165	23,165
Electronic cigarettes in Latin America: Evaluation of impacts and policy options	93.989	3R01TW10652-04S1	63,054	151,208
The Effects of Ojeok-San on Neuro-Immune Interactions on Cancer-Induced Visceral Pain	93.213	4R00AT009206-03	-	98,082
Effects of light exposure on amygdala plasticity during adolescence: implications for anxiety and well-being	93.213	4R00AT1010903-03	-	247,105
microRNA therapies for advanced brain tumors	93.395	4R00CA245030-02	-	278,976
Role of nucleus accumbens D2-expressing neurons in punished cocaine seeking	93.279	4R00DA044331-03	-	353,297
Beneficial or Fostering Future struggles (B.F.F.s)? Characterizing the Role of Friends in the Developmental Trajectory of Maltreated Adolescent	93.865	4R00HD103958-03	-	52,243
Autophagy regulates β-hydroxybutyrate synthesis to prevent hypertension-associated premature vascular aging	93.837	4R00HL151889-03	-	205,565
Substance P-Mediated Enhancement of Salience for Cues Predicting Aversive Outcomes	93.242	4R00MH123673-02	-	252,606
A Positive Deviance Inquiry into the Health Behaviors of Children during Summer	93.865	5F31HD102045-02	-	27,995
Predictors of Effective Scaling: A Meta-Epidemiological Study of Bias in Early-Stage Studies to Prevent Chronic Disease	93.837	5F31HL158016-02	-	29,393
The Longitudinal Influence of Home Disorganization on Children's Sleep Variability	93.233	5F32HL154530-02	-	9,846
Improving the HIV Care Continuum for Youth in the Deep South through Mobile Health Technology	93.242	5K01MH118073-03	-	124,667
Interactions of Climate Change on Oceans and Human Health (CAPICCOHH): Assessment of Effects on Ocean Health Related Illness and Disease and Development of Prevention Strategies to Better Protect Public Health - ADMIN CORE	93.113	5P01ES028942-04	62,842	78,154
Interactions of Climate Change on Oceans and Human Health (CAPICCOHH): Assessment of Effects on Ocean Health Related Illness and Disease and Development of Prevention Strategies to Better Protect Public Health - ADMIN CORE	93.113	5P01ES028942-05	165,295	1,014,133
South Carolina IDEA Networks of Biomedical Research Excellence (SC INBRE) - Administrative Core	93.859	5P20GM103499	13,437	13,437
South Carolina IDEA Networks of Biomedical Research Excellence (SC INBRE) - Administrative Core	93.859	5P20GM103499-21	1,925,559	2,721,119
South Carolina IDEA Networks of Biomedical Research Excellence (SC INBRE) - Administrative Core	93.859	5P20GM103499-22	193,887	1,001,961
COBRE - Center for Dietary Supplements and Inflammation (Admin Core Year 4)	93.859	5P20GM103641-09	-	745
COBRE - Center for Dietary Supplements and Inflammation (Admin Core Year 4)	93.859	5P20GM103641-10	-	2,093,163
Center for Targeted Therapeutics	93.859	5P20GM109091-09	-	1,703,619
Center for Targeted Therapeutics	93.859	5P20GM109091-10	-	356,179
Research Center for Child Well-Being--COBRE (Admin Core)	93.859	5P20GM130420-03	-	1,638,191
Research Center for Child Well-Being--COBRE (Admin Core)	93.859	5P20GM130420-04	-	444,433
Carolina Center on Alzheimer's Disease and Minority Research (CCADMR) - Admin Core	93.866	5P30AG059294-04	65,393	71,853
Carolina Center on Alzheimer's Disease and Minority Research (CCADMR) - Admin Core	93.866	5P30AG059294-05	65,045	451,230
Center for the Study of Aphasia Recovery (C-STAR) - (Admin Core)	93.173	5P50DC014664-07	657,615	1,299,564
Center for the Study of Aphasia Recovery (C-STAR) - (Admin Core)	93.173	5P50DC014664-08	8,548	269,101
Evaluation of Cigarette Package Inserts for Enhanced Communication with Smokers	93.393	5R01CA215466-02	-	24,030
Evaluation of Cigarette Package Inserts for Enhanced Communication with Smokers	93.393	5R01CA215466-03	-	32,120
Reducing Health Disparities in Childhood Obesity Using Financial Incentives in Low-income Households	93.847	5R01DK120490-03	-	25,499
Epigenetic mechanisms in Transgenerational Effects of an Environmental Pollutant	93.113	5R01ES030144-02	-	634,467
Physical Activity, Sedentary Behavior and Weight Status in Early Childhood	93.865	5R01HD091483-04	-	87,364
A Nutrition-Based Approach to Reduce Heart Disease Risk Among Overweight African Americans: Use of Soul Food Plant-Based or Omnivorous Diets to Address Cardiovascular Disease	93.837	5R01HL135220-05	-	201,860
Molecular Basis of Exercise-induced Changes in HDL Function	93.837	5R01HL146462-04	-	7,679
The Together Everyone Achieves More Physical Activity Trial (TEAM-PA)	93.837	5R01HL160618-02	-	294,378
Reducing Sedentary Time Using an Innovative mHealth Intervention Among Total Knee Replacement Patients	93.846	5R21AR074780-03	23,112	36,645
South Carolina - Advancing Diversity in Aging Research Undergraduate Program (Year 6 - Competing Renewal)	93.866	5R25AG050484-07	-	12,925
Big Data Health Science Fellow Program for Infectious Diseases (R25)	93.855	5R25AI164581-02	-	50,177
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.859	5T32GM081740-14	-	370
Biomedical-Behavioral Interface: Prevention and Developmental Sciences Training	93.859	5T32GM081740-15	-	439,925
Coordinating Center for Research to Promote the Health of Children with Birth Defects and People with Developmental and Other Disabilities	93.073	5U19DD001218-03-00	581,269	869,437
USC PRC Center and Core Research Project: National Implementation Study of the Faith, Activity, and Nutrition (FAN) Program (Center Core)	93.135	5U48DP006401-03-00	12,290	316,107
USC PRC Center and Core Research Project: National Implementation Study of the Faith, Activity, and Nutrition (FAN) Program (Center Core)	93.135	5U48DP006401-04-00	3,935	928,693
Rural Health Research Center Program 2020 (Award Transfer from SCRF to USC)	93.155	6U1CRH45498-02-01	5,835	488,375
Rural Health Research Center Program 2020 (Award Transfer from SCRF to USC)	93.155	6U1CRH45498-02-03	-	5,275
USC PRC Center and Core Research Project: National Implementation Study of the Faith, Activity, and Nutrition (FAN) Program (Center Core)	93.135	6U48DP006401-02-01	69,703	107,449
USC PRC Center and Core Research Project: National Implementation Study of the Faith, Activity, and Nutrition (FAN) Program (Center Core)	93.135	6U48DP006401-03-01	-	209,927
USC PRC Center and Core Research Project: National Implementation Study of the Faith, Activity, and Nutrition (FAN) Program (Center Core)	93.135	6U48DP006401-04-01	13,000	203,791
Dyadic Influence Processes Among Heavy Drinking Couples	93.273	7K01AA027547-03	1,309	248,158
Epigenetic mechanisms of stress and age-related cognitive decline	93.866	7K01AG061263-02	-	127,431
Developing a Trauma-Focused Intervention for Older Adults Living with HIV	93.242	7K01MH115794-02	-	129,044

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Schedule of Expenditures of Federal Awards
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Federal grantor/pass-through grantor/program title	Assistance Listing number	Grant Number	Passed through to subrecipients	Expenditures
Intrarenal Arteries Sense N-formyl Peptides Leading to Vascular Injury in Sepsis	93.859	7R00GM118885-06	-	(2,142)
Vascular Pathogenesis of Port Wine Stain	93.846	7R01AR073172-02	35,281	223,895
Developing Methodology to examine causal mediation of Time-Varying Effects in Smoking Cessation Treatments	93.393	7R01CA229542-05	-	87,992
Formyl peptide receptor activation induces vascular plasticity and remodeling in hypertension	93.837	7R01HL149762-02	-	803,919
Pharmacological modulation of striatal physiology and repetitive behaviors by M4 PAMs	93.242	7R01MH122545-03	-	205,552
Improving the Collaborative Health of Minority COVID-19 Survivor & Carepartner Dyads Through Interventions Targeting Social and Structural Health Inequities	93.361	7R01NR020127-02	38,163	442,866
Rural Health Research Center Program 2020 (Award Transfer from SCRF to USC)	93.155	7U1CRH45498-01-00	17,005	146,827
Center for the Study of Aphasia Recovery (C-STAR) - (Admin Core)	93.173	CON0005622	336,584	936,142
Improving Adherence to Adjuvant Hormonal Therapy among Disadvantaged Breast Cancer Survivors	93.398	KCA193667A	-	11,360
Examining mRNA Localization in Central Sensory Axons after Peripheral Nerve Injury	93.853	KNS105879A	-	19,716
Research Center for Child Well-Being--COBRE (Admin Core)	93.859	P20GM130420	-	24,379
Aging, sleep, and kynurenic acid	93.866	R21AG080335-01	-	53,643
Hypocretin/orexin modulation of cognitive correlates of brain aging	93.866	RAG050518A	-	425
Impact of HIV-1 Tat Protein on Cocaine-Dopamine Transporter Interaction	93.279	RDA035714C	243,068	436,457
Impact of Disparities in Food Security on Glycemic Control and Health Care Utilization Among Youth and Young Adults with Diabetes	93.847	RDK117461A	208,679	520,637
Emergence and Stability of Autism in Fragile X Syndrome	93.242	RMH090194B	-	(91)
Discovery Pipeline for Genetic Defects in Hypothalamic-Pituitary Development Using International Mouse Phenotyping Consortium Mice	93.865	SUBK00017712	-	20
R21 resubmission: Curating a Knowledge Base for Individuals with Coinfection of HIV and SARS-CoV-2: EHR-based Data Mining	93.855	U00031465	-	40,465
Passed through programs from:				
AcePre, LLC				
A novel polymer-metal nanocomplex for ovarian cancer treatment	93.395	1R41CA254500-01A1	-	59,414
Development of dietary quercetin to treat muscle wasting disorders	93.213	1R43AT011171-01	-	170
Developing natural compound emodin as a therapy for alcoholic cardiomyopathy	93.273	1U11AA030690-01	-	21,398
The development of a multifunctional nanoenzyme for AD treatment	93.866	U00031890	-	10,311
Advanced Smart Systems & Evaluation Technology				
Mitigating Falls in Older Adults through Low-cost, Non-intrusive Activity and Gait Analysis from Floor Vibrations - STTR sub-contract with Advanced Smart Systems and Evaluation Technologies (ASSET)	93.866	2R42AG059475-02A1	-	202,854
Agency for Healthcare Research & Quality				
Effect of the patient-centered medical home on geographic and racial disparities in health care access	93.226	1R03HS026263-01A1	-	6,883
The Development and Evaluation of a Patient-Centered Opioid Discharge Prescribing Guideline within the Electronic Health Record of a Health System.	93.226	1R18HS027977-01A1	135,763	203,234
Patient experiences and disparities in telehealth HIV care during the COVID-19 pandemic: A mixed methods study from the Southern US	93.226	1R36HS029267-01	-	14,184
Effects of Musculoskeletal Surgery Rate of Medicare Costs	93.226	5R01HS027177-02	49,403	106,009
Effects of Musculoskeletal Surgery Rate of Medicare Costs	93.226	5R01HS027177-03	74,149	182,350
Augusta University				
Damage-Associated Molecular Patterns in Hypertension	93.837	31108-1 / 5P01HL134604-05	-	66,858
Implementation of Medical Homes for Evidence Based Care of Adolescents and Adults with Sickle Cell Disease - Diversity Supplement	93.839	36549-1	-	(17,375)
Implementation of Medical Homes for Evidence Based Care of Adolescents and Adults with Sickle Cell Disease - Diversity Supplement	93.839	3U01HL134004-06S2	-	23,406
Beth Israel Deaconess Medical Center				
An Integrated Multilevel Modeling Framework for Repertoire-Based Diagnostics	93.855	01062446	-	14,282
Biochemical profiling to identify cardiometabolic responsiveness to an endurance exercise intervention - Sub-contract with Beth Israel Deaconess Medical Center	93.361	01063198	-	113,038
An Integrated Multilevel Modeling Framework for Repertoire-Based Diagnostics	93.855	10013020	-	14,282
Brandeis University				
Alcohol treatment in Medicaid Managed Care Plans: Disparities in Policies and Outcomes	93.273	1R01AA029821-01	-	39,765
Examining opioid use disorder treatment in Medicaid managed care plans: policies and outcomes	93.279	4R404038	-	47,400
Brigham & Women's Hospital				
Partnership in Implementation Science for Geriatric Mental Health (PRISM) - Administrative Core	93.242	117722	-	28,644
Partnership in Implementation Science for Geriatric Mental Health (PRISM) - Prism Capacity Building Component	93.242	117729 5U19MH113201-05	-	716
Partnership in Implementation Science for Geriatric Mental Health (PRISM) - Prism Scale Up Study	93.242	117730	-	11,978
CDC Foundation				
Improving STD Prevention and Care Through Partnerships	93.421	6NU38OT000288-04-01	105,122	216,920
Children's Trust Fund of South Carolina				
SC MIECHV FY20 Evaluation-- Understanding Organizational Culture	93.870	MIEC-2020-2022-CARE-1	-	40,323
Continuing the Examination of SC MIECHV Client and Staff Attrition and the Organizational Factors that Promote Retention	93.870	MIEC-2020-2022-RMHRC-1	-	96,309
SC MIECHV FY22 Coordinated State Evaluation (2022-2024)	93.870	MIEC-2022-2024-CARE-1	-	14,993
FY 2021 MIECHV Coordinated Evaluation Project	93.870	X10MC43608	-	293,865
MIECHV Coordinated State Evaluation FY 2021 (2021-2023)	93.870	X10MC43608	-	100,871
Clemson University				
Targeted Therapy to Reverse Vascular Calcification	93.837	2095-209-201203055	-	129,327
Cardiovascular Calcification: Mechanisms and Therapy	93.837	2150-209-2013514	-	6,233
Realizing Improved Patient Care through Human-centered Design for Pediatric Behavioral Health in the Emergency Department (RIPCHD-PED) Patient Safety Learning Lab	93.226	2494-209-2015782	-	16,777
College of Charleston				
Investigating Trophic Exposure to Marine Microplastics and Plasticizers in a Sentinel Species and the Implications for Food Safety	93.113	521516-SC	-	18,491
Davidson College				
Synthesis of Carbohydrate-Phthalocyanine Conjugates for Biomedical Applications	93.859	1R15GM148916-01, 296039	-	17,591
Duke University				
Health system outreach to eliminate disparities in living kidney transplants	93.847	1U01DK127918-01, A034838	-	29,473
TRANScranial direct current stimulation for Post-stroke motor Recovery - a phase II study (TRANSPORT 2)	93.853	3K0001237, 5U01NS102353-04	-	46,869
Positive Outcomes for Orphans (POFO): HIV Risk as Young Adults	93.865	A03-2078	-	41,645
A Tailored School-Based Intervention to Increase Vaccine Uptake Among Adolescents in the Rural South	93.185	A033950	-	9,926
East Carolina University				
Homeostatic Reset as a New Therapeutic Paradigm for Slow Progression Diseases	93.859	1R01GM146257-01/AWD-21-0107-5001	-	104,678
Emory University				
Ovarian Cancer Survival in African-American Women	93.393	1R01CA237318-01A1/A359264	27,921	67,094
Fact Forward				
Expanding Opportunities for Teen Mothers and Families in South Carolina (Evaluation Services for Fact Forward Tier 1 Grant)	93.297	1TP1AH000216-01-00	-	28,719
Georgia State University				
Communicating about Nicotine and Differential Risks of Tobacco Products	93.077	3R01CA239308-03S2	-	17,113
Communicating about Nicotine and Differential Risks of Tobacco Products	93.077	5R01CA239308-03	-	58,297
Health Research, Inc.				
Multi-ethnic high-throughput study to identify novel non-HLA genetic contributors to mortality after blood and marrow transplantation	93.393	465-01	-	103,871
Henry M. Jackson Foundation				
Role of Ly6K in TGF and Immune Escape Pathways of Triple Negative Breast Cancer	93.396	1R01CA227694-01_HJF#65590	-	7,093
Indoor Biotechnologies, Inc.				
Antigenic determinants of asthma-associated allergens for design of immunotherapy	93.855	2R01AI077653-10A1	-	62,012
International Agency for Research on Cancer				
InterLymph Consortium: interrogating pleiotropy and gene by environment interactions among hematopoietic malignancies - Subcontract with International Agency for Research on Cancer (IARC) in France	93.393	CRA-GEM-2021-9	-	127,910
Kent State University				
Pathways regulating fear in the nucleus accumbens	93.242	R15MH118705	-	107,946
Mayo Clinic				
Impact of Genetic susceptibility along the continuum from Monoclonal Gammopathy of Undetermined Significance (MGUS) to Multiple Myeloma (MM)	93.393	UNI-297660	-	19,380
Medical University of South Carolina				

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Schedule of Expenditures of Federal Awards
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Federal grantor/pass-through grantor/program title	Assistance Listing number	Grant Number	Passed through to subrecipients	Expenditures
Predicting and Understanding the Use of Nicotine Products in a Rapidly Evolving Nicotine Marketplace: The International Nicotine Product, Regulatory Policy, and Market (INPRAM) Study.	93.393	2P01CA200512-06	-	45,849
Trials and ReseArch Network FOR even More (TRANSFORM-2)	93.310	5UG1OD024956-04	-	8,972
Computational model of targeted drug delivery	93.394	A00-1714-S002	-	35,988
South Carolina Clinical & Translational Research Institute (SCTR)	93.350	A00-2219-S009	-	7,251
Southeast Collaborative Alliance for Stroke Trials (SE-CoAST)	93.853	A00-3810-S001	29,661	29,661
Southeast Collaborative Alliance for Stroke Trials (SE-CoAST)	93.853	A00-3810-S001	-	(24,434)
Enhancing School-Based Violence Prevention through Multilevel Racial/Ethnic Discrimination Intervention	93.307	A19-0097-S001	-	29,270
Speech entrainment for aphasia recovery (SpARc)	93.173	A20-0069-S002	-	253,944
Number, Primary and Secondary Diagnoses, and Costs of Emergency Department Visits in a Population-based Cohort of People with Spinal Cord Injury	93.433	A20-0086-S001	-	20,046
Trials and ReseArch Network FOR even More (TRANSFORM-2)	93.310	A21-0064-S003	-	35,452
Risk of Opioid Use Disorder and Related Consequences: A Longitudinal Study of Spinal Cord Injury	93.433	A21-0068-S001	-	4,408
Evaluation Plan for MUSC Teen Science Ambassador Program	93.859	A22-0088-S001	-	26,217
Inhibiting Tumor Growth and Metastasis in Highly Aggressive Breast Cancers with Centrosome Amplification	93.396	A22-0362-S001	-	22,635
Overcoming Chemoresistance in Triple Negative Breast Cancer	93.395	A22-0363-S001	-	24,278
Addressing Rural Cancer Disparities via Proactive Smoking Cessation Treatment within Primary Care: A Hybrid Type 1 Effectiveness-Implementation Trial of a Scalable Smoking Cessation Electronic Visit	93.393	A23-0073-S002	-	7,243
Brain Connectivity Supporting Language Recovery in Aphasia	93.173	A673173	-	150,651
Southeast Collaborative Alliance for Stroke Trials (SE-CoAST)	93.853	MUSC18-109-8D574	-	(12,307)
Mountain Pass Technology				
Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms	93.242	10009947	-	45,102
National Jewish Health				
Regulation of Gene Expression in the Anaphylactic Pathway	93.855	20116904/6902/6903/6905	-	7,331
New York University				
NYU Collaborative Center in Children's Environmental Health Research and Translation	93.113	21-AA-00-1006189	-	4,436
Northern California Institute for Research & Education				
Program to Avoid Cerebrovascular Events Through Systematic Electronic Tracking and Tailoring of an Eminent Risk-factor (PACESETTER)	93.307	OV82163-02	59,512	74,972
Northern Illinois University				
Home COOKING: Creative Culinary Opportunities Offering Kids Inquiry-Based Nutritional Genius	93.859	7R25GM129216-02	6,083	6,482
Oregon Health & Science University				
The Impact of Emergency Medicaid Policy on Reproductive Health Disparities Among New Immigrants	93.307	1013826_SC	-	34,843
SWOG NCORP Research Base	93.399	1014562_SOUTHCAROLINA	-	31,072
Palmetto Health				
Sleep for Stroke Management And Recovery Trial (Sleep SMART)	93.853	U00026947	-	30,615
Partners Healthcare Research Management				
Randomized Trial to Prevent Vascular Events in HIV - REPRIEVE	93.837	225712	-	12,036
Prisma Health-Midlands				
Healthy Start Initiative: Eliminating Disparities in Perinatal Health	93.926	16775	-	112,049
Prisma Healthy Start Project 4/1/2023 - 3/31/2024	93.926	U00032817	-	6,846
SC Department of Health & Environmental Control				
South Carolina's Initiative to Address COVID-19 Health Disparities Among Populations at High-Risk and Underserved, Including Racial and Ethnic Minority Populations and Rural Communities	93.391	DC-2-293	11,763	2,054,088
SC Muscular Dystrophy Surveillance, Tracking, and Research Network (SC MD STARnet) DHEC Subcontract - SC MD STARnet Component A - Surveillance	93.315	PH-0-520 COMP A	-	98,567
SC Muscular Dystrophy Surveillance, Tracking, and Research Network (SC MD STARnet) - DHEC Subcontract SC MD STARnet Component C - Enhanced Dissemination	93.315	PH-0-521 COMP C	-	8,148
Activation and Expansion of the Libraries and Health Innovations Program	93.391	PH-2-340	200,183	252,150
Senex Biotechnology, Inc.				
CDK8/19 inhibitors for therapy of advanced prostate cancer	93.395	2R44CA203184-02A1	-	7,775
Preventing in vivo resistance to PI3K/AKT/mTOR inhibitors through Mediator kinase inhibition	93.395	U00031971	-	13,416
South Carolina Center for Fathers and Families				
Fatherhood FIRE/H2O Program Evaluation Year 2	93.086	90ZJ0023-02-00	-	27,593
Fatherhood FIRE/H2O Program Evaluation Year 3	93.086	ACF FIRE 2023-5	-	46,446
Southern Research Institute				
Title: Allosteric modulators of dopamine transporter as therapeutic agents for NeuroAIDS	93.279	S20-15966USC-01	-	455,505
Temple University				
mHealth-based Just-in-Time Intervention to Improve Physical Activity Microrandomized Trial	93.865	266222-USC	-	23,369
Behavioral and Biological Rhythms in Children's Obesity-Related Health Disparities SEARCH	93.847	268595-USC	-	8,721
The Miriam Hospital				
Phone Coaching as a Rescue Strategy for Early Non-responders Enrolled in an Internet-delivered Weight Loss Program	93.847	5R01DK117843-02	-	51,630
The Pennsylvania State University				
Test of an Innovative, Scalable Support Program for Parents with a Young Child Recently Diagnosed with Autism Spectrum Disorder	93.865	S000852-DHHS	18,269	356,965
The Regents of the University of California				
Intersection of Material-Need Insecurities and HIV and Cardiovascular Health	93.837	12483sc / 5R01HL155226-03	-	79,781
Food is Medicine: Randomized Trial of Medically-Tailored Food Support for Diabetes Health	93.847	5R01DK124630-02	-	29,127
The University of Alabama				
Conformational Dynamics and Allosteric Regulation During Stress-responsive Metallocofactor Assembly	93.859	A00-43-S002	-	3,813
Conformational Dynamics and Allosteric Regulation During Stress-responsive Metallocofactor Assembly	93.859	A00-43-S002-A14	-	139,756
Evaluation of the Underlying Structure of Adolescent Social Attention	93.242	A20-0526-S001	-	43,757
The University of Nebraska-Lincoln				
Group testing for infectious disease detection	93.855	R01AI121351	-	74,351
Trustees of Boston University				
Mechanisms of drug-coated balloon therapy	93.837	1R01HL159620-014500004164	-	92,043
University of Alabama-Birmingham				
HEALTHy Brain and Child Development Study at UAB and UA	93.279	000531916-SC002	-	45,831
University of Arkansas for Medical Sciences				
The BREATHE Study: Bronchiolitis Recovery and the Use of High Efficiency Particle Air (HEPA) Filters	93.310	54487-BREATHE	-	2,410
Data Coordinating and Operations Center for the ECHO IDEa States Pediatric Clinical Trials Network -	93.310	5U24OD024957-04	-	4,163
University of California, Davis				
Language in Fragile X Syndrome	93.865	A19-0440-S001	-	173,010
Improving WIC Services: Identifying Children at Risk for Obesity in the First 24 Months of Life	93.837	A22-0459-S001	-	15,912
University of California San Francisco				
Barriers to utilization of SNAP fruit and vegetable incentive programs for families with food insecurity - Sub-contract with University of California, San Francisco	93.837	13972sc, R25HL126146	-	2,651
University of California Santa Cruz				
Determining and targeting mechanisms controlling cancer cell division	93.396	A22-0335-S001	-	21,815
University of Central Florida				
Project Harmony: Family Strengthening Evaluation Team (FSET).	93.086	90ZB0009-01-00	-	155,473
University of Chicago				
JCOIN Coordination and Translation Center - Community Stakeholder	93.279	1U2CDA050097	-	22,790
JCOIN Coordination and Translation Center - Community Stakeholder	93.279	AWD101172	-	29,280
University of Connecticut				
Multi-Sectoral Agricultural Intervention to Improve Nutrition, Health, and Developmental Outcomes of HIV-infected and Affected Children in Western Kenya	93.242	R01MH109506-01	-	1,943
University of Florida				
The evolution of copy number variations in the AT-rich Plasmodium genome	93.855	SUB00003200	-	27,764
CDC Southeastern Center of Excellence in Vector-Borne Diseases: The Gateway Program	93.084	SUB00003262	-	100,425
Copy Number Variation and Lung Cancer: Disease Risk and Mechanisms	93.172	SUB00003345	-	39,574
University of Iowa				
Heeding Patient Voices: Patient, Nurse, and Event Characteristics Associated with Nurse Judgments	93.307	503550-01	-	23,854
University of Kentucky				
University of Kentucky Markey Cancer Center - Cancer Center Support Grant	93.397	01349-20-077	-	638
University of Kentucky Markey Cancer Center - Cancer Center Support Grant	93.397	3210001349-20-077	-	32,721

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Dynamic Signaling of NRG3-ErbB4 in the Hippocampus Mediates Nicotine Withdrawal Phenotypes (NIH/NIDA 1R01-DA044311)	93.279	PO 7800004925	-	1,859
University of Louisville Research Foundation				
Global significance test based on quantile regression with applications to genomic studies of Alzheimer's disease	93.866	ULRF_21-0405-01	-	30,366
University of Maryland				
Targeted manipulation of brain KYNA by genetic and pharmacological means: biochemical and functional effects	93.242	18687	-	136,444
University of Massachusetts				
National implementation of FOYC+CimPACT in the Bahamas: implementation strategies and improved outcomes	93.865	OSP2018103	-	18,556
Improving the Part C Early Intervention Service Delivery System for Children with ASD: A Randomized Clinical Trial (RISE)	93.242	SUB00000247	-	11,474
University of Michigan				
The Impact of Tobacco Control Policies on Health Equity in the United States	93.393	1R01CA214787-01A1	-	22,138
Structural Racism and Adverse Birth Outcomes in the US South: A Multigenerational Perspective	93.307	1R01MD016046-01	-	1,872
The Effect of Built and Social Environments on Childhood Obesity and Racial/Ethnic Disparities in the National Healthy Communities Study - Sub-contract with the University of Michigan	93.837	3006119946	-	6,255
The Impact of Tobacco Control Policies on Health Equity in the United States - MERIT Extension	93.393	SUBK00015814	-	21,459
Consortium Coordinating Center for Social, Behavioral, and Economic Research on COVID-19	93.866	SUBK00019018	-	872
Consortium Coordinating Center for Social, Behavioral, and Economic Research on COVID-19	93.866	SUBK00019367	-	22,065
University of North Carolina at Chapel Hill				
Rapid Response to Incident HIV Infection through Social Network Strategies and Molecular Epidemiology to Inform Partner Services	93.855	5125230, 1R01AI169602-01	-	4,138
Little Cigar and Cigarillo Warnings to Reduce Tobacco-Related Cancers and Disease	93.077	5125910	-	29,800
Strengthening Cigar Warnings to Prevent Adolescent Use	93.077	5125921	-	18,966
Addressing COVID-19 Vaccine Hesitancy in Rural Community Pharmacies: Reducing Disparities Through an Implementation Science Approach	93.307	5126867	-	14,146
The Role of Health Centers in Reducing Disparities in Potentially-Preventable Hospital-Based Care among Dual Eligibles	93.307	5126950	-	37,679
Using Medicare Claims to Advance Our Understanding of Guillain-Barre Syndrome	93.853	5127030	-	12,809
University of Pittsburgh				
Preclinical assessment of a compliance matched biopolymer vascular graft	93.837	AWD00005154	-	45,134
University of Southern California				
Long-Term Effects of Measles Vaccine Mandates on Educational Attainment and Cognitive Function	93.866	SCON-00003921	-	27,534
University of Texas Health Sciences Center				
Development and Validation of a Measure of Organizational Readiness (motivation x capacity) for implementation	93.399	5R01CA228527-04	-	126,564
University of Texas Medical Branch at Galveston				
Enhancement of stem cell regenerative properties by hydrogen sulfide: a novel wound dressing to augment stem cell therapies	93.859	1R01GM136877 / 21-85231-01	-	(17,741)
Vanderbilt University				
Gamifying Social Support to Promote Physical Activity Among Insufficiently Active African American Adults in the Southeast United States: A Mixed-Methods Approach	93.847	3P30DK020593-44S1/VUMC90976	-	62,226
Virginia Commonwealth University				
Research Answers to NCI's Provocative Questions - Role of Circadian Factors in Inflammation and Colorectal Adenoma Risk - VCU Subcontract	93.393	7R01CA231321-03	-	130,888
Role of Circadian Factors in Inflammation and Colorectal Adenoma Risk - Subcontract with VCU - Joshua Mercadel	93.393	7R01CA231321-03	-	27,724
Role of Circadian Factors in Inflammation and Colorectal Adenoma Risk - Subcontract with VCU - Joshua Mercadel	93.393	FP00014945_SA002	-	31,841
Washington University				
Observation Stays and Readmissions for Older Adults: Implications for Medicare Policies	93.866	UWSC13891	-	28,597
Testing the feasibility and acceptability of social media and digital therapeutics to decrease vaping behaviors	93.279	WU-23-0081	-	54,397
Yale University				
Imaging and Targeting Lung Proteolysis in Models of ARDS and Microembolization	93.838	CON-80003372	-	38,065
Total U.S. Department of Health & Human Services			9,756,148	68,312,658
Total Research and Development Cluster			\$ 19,447,960	\$ 120,704,073
Student Financial Aid Cluster				
U.S. Department of Education				
Financial Aid SEOG Grant	84.007	None	\$ -	\$ 3,113,535
Financial Aid TEACH Grant	84.379	None	-	143,502
Financial Aid Federal Work Study	84.033	None	-	2,482,397
Federal Perkins Loan Program	84.038	None	-	5,554,749
Financial Aid Pell Grant	84.063	None	-	54,493,068
Financial Aid Direct Loans	84.268	None	-	284,689,160
Financial Aid Iraq & Afghanistan	84.408	None	-	13,004
Total U.S. Department of Education			-	350,489,415
U.S. Department of Health & Human Services				
Health Professions Student Loan	93.342	None	-	778,461
Total Health Professions Student Loan			-	778,461
Nursing Faculty Loan Program	93.264	None	-	1,283,778
Two Year Nursing Loan Program	93.364	None	-	12,148
Four Year Nursing Loan Program	93.364	None	-	807,666
Master Nursing Loan Program	93.364	None	-	206,533
Total Nursing Loan Programs			-	2,310,125
Total U.S. Department of Health & Human Services			-	3,088,586
Total Student Financial Aid Cluster			\$ -	\$ 353,578,001
COVID-19 Education Stabilization Fund				
U.S. Department of Education				
COVID-19 Higher Education Emergency Relief Fund (HEERF) III Student Aid Portion	84.425E	None	\$ -	\$ 950
COVID-19 HEERF II Institutional Portion	84.425F	None	-	578,762
COVID-19 HEERF III Institutional Portion	84.425F	None	-	4,611,283
COVID-19 HEERF II Strengthening Institutions Program (SIP)	84.425M	None	-	279,090
COVID-19 HEERF III Strengthening Institutions Program (SIP)	84.425M	None	-	370,973
Passed through programs from:				
SC Arts Commission				
COVID-19 SC Arts Grow 2021-2022 (Evaluation)	84.425U	FY22-SPE-009	-	82,091
COVID-19 Evaluation of Arts Grow SC 22-23	84.425U	FY23-SPE-004	-	164,073
COVID-19 USCB Emerging Artists 2023-2024	84.425U	FY23-TAEP-003	-	11,302
SC Commission on Higher Education				
COVID-19 Jump Start for Rising First and Second Year Students	84.425U	H63010497523	-	2,000
Total U.S. Department of Education			-	6,100,524
Total COVID-19 Education Stabilization Fund			\$ -	\$ 6,100,524
Child Care and Development Block Cluster				
U.S. Department of Health & Human Services				
Passed through programs from:				
SC Department of Social Services				
Improve the Quality of Child Care for South Carolina Families 2019-20	93.575	4400021510	\$ -	\$ 136,990
Child Care Data Collection & Analysis Grant 2022-2023	93.575	4400022334	-	377,778
Stabilization Grant 2	93.575	U00031393	-	214,661
Total US Department of Health & Human Services			-	729,429
Total Child Care and Development Block Cluster			\$ -	\$ 729,429
Community Facilities and Grants Cluster				
U.S. Department of Agriculture				
Passed through programs from:				
Western Carolina Higher Education Commission				

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USDA Forensic Lab 1	10.766	CFDA 10.766	\$ -	\$ 26,014
Total U.S. Department of Agriculture			-	26,014
Total Community Facilities and Grants Cluster			\$ -	\$ 26,014
Economic Development Cluster				
U.S. Department of Commerce				
An online toolkit for tourism success post-pandemic	11.307	04-79-07784	\$ -	\$ 49,692
Passed through programs from:				
Lower Savannah Council of Governments				
Lower Savannah Council of Governments: Post-COVID Assessment of Six-County LSCOG Region	11.307	U00029981	-	8,589
Total U.S. Department of Commerce			-	58,281
Total Economic Development Cluster			\$ -	\$ 58,281
IDEA Cluster				
U.S. Department of Education				
Passed through programs from:				
SC Department of Education				
Transition Alliance of South Carolina	84.027	10010155	\$ -	\$ (12,644)
Total U.S. Department of Education			-	(12,644)
Total IDEA Cluster			\$ -	\$ (12,644)
Health Center Program Cluster				
U.S. Department of Health & Human Services				
Passed through programs from:				
SC Primary Healthcare Association				
SC AgWHP-COVID 19 CHW Services	93.224	10010952	\$ -	\$ 3,308
SC AgWHP Enabling CHW Services	93.224	U00031130	-	43,685
Total U.S. Department of Health & Human Services			-	46,993
Total Health Center Program Cluster			\$ -	\$ 46,993
Medicaid Cluster				
U.S. Department of Health & Human Services				
Passed through programs from:				
Francis Marion University				
Department of Health and Human Services Grant for a Branch Medical Campus of the SOM in Florence, SC	93.778	FRANCIS MARION	\$ -	\$ 16,061
Department of Health and Human Services Grant for a Branch Medical Campus of the SOM in Florence, SC	93.778	U00030853	-	1,287,960
Total U.S. Department of Health & Human Services			-	1,304,021
Total Medicaid Cluster			\$ -	\$ 1,304,021
SNAP Cluster				
U.S. Department of Agriculture				
Passed through programs from:				
SC Department of Social Services				
Project 5: Local Food Policy Councils	10.561	4400027928	\$ -	\$ 48,772
Project 6: Strengthening and Expanding Transportation	10.561	4400027929	-	68,918
Project 1: Statewide Priority Indicators Evaluation	10.561	4400027993	-	40,810
Project 4: State Food Policy Council	10.561	4400028033	-	51,450
Project 3: FoodShare SC	10.561	4400028034	-	98,412
Project 2: Library Nutrition Support Implementation	10.561	4400028035	-	21,132
Project 6: Strengthening and Expanding Transportation	10.561	4400030368	-	133,164
Project 5: Local Food Policy Councils	10.561	4400030369	-	125,505
Project 2: Library Nutrition Support Implementation	10.561	4400030452	-	46,262
Project 3: FoodShare SC	10.561	4400030494	-	184,058
Project 4: State Level Food Policy Council	10.561	4400030495	-	135,854
Project 1: Statewide SNAP-Ed Evaluation	10.561	4400030535	-	121,432
Total U.S. Department of Agriculture			-	1,075,769
Total SNAP Cluster			\$ -	\$ 1,075,769
TRIO Cluster				
U.S. Department of Education				
Student Support Services				
Student Support Services Program	84.042	P042A200360	\$ -	\$ 371,319
Student Support Services Program	84.042	P042A201238	-	330,418
Student Support Services Grant	84.042	P042A201243	-	410,561
USC Salkehatchie Student Support Services (SSS) Program	84.042	P042A201304	-	242,009
Student Support Services 2020-2025	84.042	P042A201686	-	373,350
Total Student Support Services Program			-	1,727,657
USC Columbia Upward Bound Program				
Upward Bound University of South Carolina Sumter Campus	84.047	P047A170639	-	(31)
Upward Bound University of South Carolina Sumter Campus	84.047	P047A171401	-	59,184
USC Lancaster Upward Bound	84.047	P047A171434	-	(196)
Upward Bound	84.047	P047A220741	-	273,060
2022 Upward Bound Program	84.047	P047A221161	-	551,460
USC Upward Bound Sumter Campus	84.047	P047A221186	-	197,633
Total Upward Bound Program			-	1,081,110
2017 Ronald E. McNair Post-baccalaureate Achievement Program				
2017 Ronald E. McNair Post-baccalaureate Achievement Program	84.217	P217A170015-21	-	84,557
The University of South Carolina Ronald E. McNair Post-baccalaureate Program	84.217	P217A220256	-	128,070
Total McNair Post-Baccalaureate Achievement Program			-	212,627
Talent Search Program				
Talent Search Program	84.044	P044A210512	-	483,716
Total U.S. Department of Education			-	3,503,110
Total TRIO Cluster			\$ -	\$ 3,503,110
WIOA Cluster				
U.S. Department of Labor				
Passed through programs from:				
Upstate Workforce Investment Act				
USC Upstate ACHIEVE 2021-22	17.259	21Y603C4-UWIB	\$ -	\$ 10,331
USC Upstate ACHIEVE 2022-23	17.259	21Y603C4-UWIB	-	483,374
ACHIEVE Resiliency Funding	17.259	21Y603LR03-UWB	-	27,900
Total U.S. Department of Labor			-	521,605
Total WIOA Cluster			\$ -	\$ 521,605
Other Programs				
U.S. Department of Agriculture				
Growing Resilience in Range and Cropland				
Growing Resilience in Range and Cropland	10.902	NR236740XXXXC001	\$ -	\$ 159,380
Passed through programs from:				
Clemson University				
2022 Rural Microentrepreneur Assistance Program Grant	10.870	2397-207-2025301	-	44,588
Rural Utilities Service				
USC Palmetto College - RUS DLT Grant - 2020	10.855	SC0703-D16	-	1
Total U.S. Department of Agriculture			-	203,969
U.S. Department of Commerce				
South Carolina Rising: a seed fund and commercialization support structure				
South Carolina Rising: a seed fund and commercialization support structure	11.024	ED21HDQ0240107	-	207,925
USC STEM Workforce Development Network	11.303	ED22ATL3030036	-	63,910

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The North Inlet - Winyah Bay NERR Visiting Scientist Housing	11.420	NA20NOS4200055	-	392,179
Passed through programs from:				
SECOORA				
Partnering to meet the needs of coastal communities for actionable information to protect lives and property: SC HF Radar	11.012	NA21NOS0120097	-	42,858
Total U.S. Department of Commerce			-	<u>706,872</u>
U.S. Department of Defense				
Preparing Cyber Warfare Professionals by Integration of Curriculum, Experiences, and Internships	12.330	N00014-23-1-2245	-	14,413
Passed through programs from:				
Defense Logistics Agency				
USC OEE PTAC	12.002	SP4800-212-2182	-	95,651
USC OEE PTAC 2022-2023	12.002	SP4800-22-2-2282	-	347,847
National Science Teachers Association				
USC Junior Science & Humanities Symposium (JSHS)	12.630	22-871-030	-	3,004
USC 2023 Center for Science Education, Junior Science & Humanities Symposium (JSHS)	12.630	23-871-043	-	16,247
Total U.S. Department of Defense			-	<u>477,162</u>
U.S. Department of Housing & Urban Development				
Passed through programs from:				
City of Columbia				
Housing Opportunities for Persons With AIDS	14.241	10011188	35,798	38,802
Housing Opportunities for Persons With AIDS	14.241	SCH22F001	149,263	346,421
SC Department of Health & Environmental				
Housing Opportunities for Persons With AIDS for Newberry County	14.241	HV-3-668	-	2,753
DHEC Housing Opportunities for Persons with AIDS (HOPWA) Funding - Newberry County	14.241	HV-9-583	-	23,954
SC Research Foundation				
Emergency Solutions Grant - CV Phase II	14.231	E-20-DW-45-0001	20,115	20,115
Total U.S. Department of Housing & Urban Development			<u>205,176</u>	<u>432,045</u>
U.S. Department of Interior				
Passed through programs from:				
National Park Service				
NPS Historic Preservation Fund - Booker T. Washington High School Auditorium Building	15.904	P20AP00144	-	357,086
Total U.S. Department of Interior			-	<u>357,086</u>
U.S. Department of Justice				
Passed through programs from:				
National Court Appointed Special Advocate				
2021 National CASA/GAL Annual Survey Data Analysis and Reporting Project	16.756	U00031442	-	25,048
SC Department of Juvenile Justice				
DJJ Contract for Curriculum	16.827	U00031129	-	2,754
SC Department of Public Safety				
USC OLES COVID-19 2022 Aid	16.034	1CF20151	-	6,125
De-institutionalizing South Carolina's Status Offenders	16.540	4J000320	-	114,898
De-incarcerating South Carolina's Status Offenders	16.540	5J000319	-	32,057
Total U.S. Department of Justice			-	<u>180,882</u>
U.S. Department of State				
Justice Sector Training, Research, and Coordination Plus (JusTRAC+) Program Project 1	19.703	SINLEC18CA2068	-	177,019
Passed through programs from:				
American Bar Association				
Supporting Criminal Justice Reform and Strengthening Anticorruption Efforts in Moldova - Subaward from ABA ROLI	19.703	SINLEC21GR3052	-	71,597
FHI 360				
Study of the U.S. Institutes for Student Leaders from Europe University of South Carolina - Civic Engagement	19.009	PO19002773/Proj#102536	-	44,473
The Asia Foundation				
Building Capacity to Counter Illegal Mining in Mongolia	19.705	32392.600.001	-	73,352
Total U.S. Department of State			-	<u>366,441</u>
U.S. Department of Transportation				
Passed through programs from:				
Iowa State University				
Robust wireless skin sensor networks for long-term fatigue crack monitoring of bridges	20.205	022355C	-	35,222
SC Department of Transportation				
Calibration Of The AASHTO Pavement Design Guide To South Carolina Conditions - Phase II	20.205	1869	69,606	126,076
Total U.S. Department of Transportation			<u>69,606</u>	<u>161,298</u>
U.S. Department of Treasury				
COVID-19 Coronavirus Relief Fund	21.019	None	-	6,000,000
Total U.S. Department of Treasury			-	<u>6,000,000</u>
National Endowment for the Humanities				
Fabric of the Past: Weaving the Twentieth Century at the Beaumont Mill and Village in South Carolina	45.163	BH-272365-20	-	95,349
Historic Southern Naturalists: Bringing Southern History and Natural History Together Online	45.301	MA-30-18-0048-18	-	1,217
NEH Preservation Assistance Grants for Smaller Institutions to Purchase Materials and Supplies for the Long-Term Care of Folklife Collections at McKissick Museum	45.149	PG-280774-21	-	5,132
Underrepresented Perspectives in South Carolina Newspapers	45.149	PJ-287622-22	-	86,799
The Digital Piranesi	45.149	PW-264046-19	-	14,775
Examining Public Library Service to LGBTQ Communities for Health-related Information	45.313	RE-07-18-0066-18	-	80,634
Educational Quality through Instructional Partnerships (EQIP): Assessing the Efficacy of Collaboratively Implemented Guided Inquiry Design on K-12 Student Learning	45.313	RE-14-19-0001-19	-	167,903
New Librarianship Symposia	45.313	RE-251098-OLS-21	-	32,500
FOLKFabulous at the South Carolina State Fair	45.130	ZR-256701-18	-	56,832
Passed through programs from:				
American Library Association				
Spectrum Doctoral Fellowship	45.313	RE-250137-OLS-21	-	38,664
SC Humanities Council				
MIRC Regional Film Roadshow	45.129	22-2099-1	-	6,881
Total National Endowment for the Humanities			-	<u>586,686</u>
Small Business Administration				
CARES Act SBDC Funding Opportunity Announcement (State Director's Office)	59.037	SBAHQ20C0077	-	352,443
SC Small Business Development Centers Program Announcement - SBA 2021 Funding Opportunity (State Director's Office - Lead Center)	59.037	SBAHQ21B0049	-	1,108,351
SC Small Business Development Centers Program Announcement - SBA 2022 Funding Opportunity (State Director's Office - Lead Center)	59.037	SBAHQ22B0060	-	323,376
SC Small Business Development Centers Program Announcement - SBA 2023 Funding Opportunity (State Director's Office - Lead Center)	59.037	SBAOED5B230031-01-00	-	19,598
Total Small Business Development Centers Program			-	<u>1,800,128</u>
FAST-2020-R-0014 - FAST SBA	59.058	SBAOIFF200022-01-00	-	116,435
FAST-2020-R-0014 - FAST SBA	59.058	SBAOIFF200022-02-00	-	45,067
FAST-2020-R-0014 - FAST SBA	59.058	SBAOIFF200022-03-00	-	83,318
Passed through programs from:				
SC Association for Community Economic Development				
Community Navigator Pilot Program	59.077	SBAHQ22CNP0014	-	114,112
Total Small Business Administration			-	<u>2,159,060</u>
U.S. Environmental Protection Agency				

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Passed through programs from:				
SC Department of Health & Environmental Control				
EJ Strong: Strengthening Communities for Disaster Risk Reduction, Response and Recovery in South Carolina	66.312	EQ-1-680	-	22,920
Total U.S. Environmental Protection Agency			-	22,920
U.S. Department of Energy				
Passed through programs from:				
SRS Community Reuse Organization				
Workforce Opportunities in Regional Careers (WORC I) Renewal	81.104	DE-EM0005227	-	276,600
Total U.S. Department of Energy			-	276,600
U.S. Department of Education				
Melding Academics, Support, and Training of Educators for higher Retention Yields (MASTERY)	84.336	53365220034	-	326,117
USC – Transition to Teaching Residency (USC-T3)	84.336	U3365190031 - 21	-	895,168
Total Teacher Quality Partnership Grants			-	1,225,285
Lancaster Promise Neighborhood	84.215	10012802	-	18,542
Project INSPIRE: Increasing the STEM Potential of Individuals Who Read Braille	84.235	H235E1090003	-	126,050
Project FUSION: Preparing Special Education Leaders with a Focus on Research to Practice in Transition	84.325	H325D180021	-	172,516
Project Promote: Promoting Policy, Advocacy and Legal Literacy Skills in Special Education Leaders to Serve in Schools and Communities	84.325	H325D180083	-	243,847
The Asa Yoruba Project	84.021	P021A190033	-	4,003
Congressionally Funded Community Projects Program: Rule of Law Center	84.116	P1162230245	-	2,102
Student Parent Support Project	84.335	P335A190262	-	12,008
Project DRIVE: Developing a Robust, Inclusive Vision for Expansion: Moving Beyond Access to Enhanced College Opportunities and Outcomes	84.407	P407A200007	-	401,577
Providing Resources to Increase School Mental Health Supports	84.184	S184X220113	-	470,943
Carolina Family Engagement Center (CFEC)	84.310	U310A180058	50,000	940,349
Passed through programs from:				
Lancaster County Partners for Youth				
Lancaster Promise Neighborhood	84.215	U00031351	-	79,860
Richland County School District				
Evaluation of the Med Pro 21 Magnet Program for Richland School District Two	84.165	20001503/19000794	-	156,509
SC Department of Health & Human Services				
Team for Early Childhood Solutions Data System Management and Compliance Indicator Analysis	84.181	A202312946A	-	429,563
University of Oregon				
Advancing School Mental Health and PBIS Together	84.326	282070H	-	159,031
Total U.S. Department of Education			50,000	4,442,185
U.S. Department of Health & Human Services				
SC Communities Unite to Increase CRC Screening	93.800	5NUS8DP006766-02-00	42,029	63,450
SC Communities Unite to Increase CRC Screening	93.800	5NUS8DP006766-03-00	152,145	739,975
Total Colorectal Cancer Screening Program			194,174	803,425
Supporting Substance Use Disorder Services in South Carolina (SSUDS-SC)—An Innovative Training Program for Health Service Psychology Trainees	93.191	1 D40HP45690-01-00	10,151	387,345
HOPE (Holistic Opportunities & Partnerships that Empower) Nursing Success Project	93.178	1D19HP42048-01-00	-	15,255
USC Upstate Nurse Faculty Loan Program	93.264	1E01HP42180-01-00	-	(81)
HOPE-WWR Health Occupations Providing Excellence in Workforce Wellness and Resilience	93.732	1U3NHP45420-01-00	46,791	402,858
Project Experiential SHINE: Simulation and Social determinants of Health in Nursing Education	93.359	1U4EHP40019-01-00	-	92,763
South Carolina Assistive Technology Program	93.464	2201SCATSG-00	-	513,736
South Carolina Interdisciplinary Maternal and Child Health Leadership Training Program: Undergraduate Pathways - SC MACH UP	93.110	5 T16MC41744-02-00	-	156,860
South Carolina Interdisciplinary Maternal and Child Health Leadership Training Program: Undergraduate Pathways - SC MACH UP	93.110	5 T16MC41744-03-00	-	3,956
USC School of Public Health Maternal and Child Health Catalyst Program	93.110	5 T1CMC35361-02-00	-	421
USC School of Public Health Maternal and Child Health Catalyst Program	93.110	5 T1CMC35361-03-00	-	93,582
Developing a APRN/FQHC Practice Training Partnership	93.247	5 T94HP30919-06-00	119,934	525,843
Traineeships for Nurse Anesthesia 2015	93.124	5A22HP30940-06-00	-	11,354
HOPE (Holistic Opportunities & Partnerships that Empower) Nursing Success Project	93.178	5D19HP42048-02-00	-	484,411
South Carolina Poison Center Support and Enhancement Project	93.253	5H4BHS45171-02-00	-	253,206
Developing a APRN/FQHC Practice Training Partnership	93.247	5T94HP30919-05-00	27,155	33,939
HOPE-WWR Health Occupations Providing Excellence in Workforce Wellness and Resilience	93.732	5U3NHP45420-02-00	-	192,571
Public Health Scholarship Program	93.516	6 T52HP46761-01-01	-	230,885
South Carolina Poison Center Support and Enhancement Project	93.253	7H4BHS45171-01-00	-	50,176
ADAR Summit Meeting	93.866	7R13AG066389-04	-	68,162
Passed through programs from:				
Administration for Community Living				
South Carolina Assistive Technology Program	93.464	2101SCATSG-00	-	112,183
SC Assistive Technology Expanding the Public Health Workforce	93.464	2201SCATPH-00	1,185	1,304
South Carolina Expanding Disabilities Networks Access to COVID 19 Vaccine	93.632	90DDCS0021-01-00	-	(2,422)
South Carolina Community Living Partnership (SC CLP)	93.632	90DDCB0001-01-00	42,974	47,376
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DDUC0003-05-00	-	31,070
South Carolina University Center for Excellence in Developmental Disabilities	93.632	90DDUC0099-01-00	-	543,435
South Carolina Expanding the Public Health Workforce within the Disability Network Program	93.632	90UCPH0064-01-00	-	35,923
American College Health Association				
CoVAC Mini Grant	93.318	53	-	7
CDC Foundation				
CBO Support to Increase Equitable Vaccination Coverage	93.322	4787_43201	-	74,575
Centre for Integrated Health Programs				
Nigeria subcontract	93.067	NU2GGH002097-01	-	61,423
Children's Trust Fund of South Carolina				
MIECHV 2022-2023 Children's Trust PASOs	93.870	C-MIECHV-2021-PASOS	-	36,717
FY22 MIECHV Coordinated Evaluation Proposal	93.870	MIEC-2022-2024-RMHRC-1	-	4,087
MIECHV Children's Trust PASOs 2021-2022	93.870	X10MC39714	-	55,190
Clemson University				
Developing a Dynamic Modeling Framework for Surveillance, Prediction, and Real-Time Resource Allocation to Reduce Health Disparities During Covid-19 and Future Pandemics	93.879	2512-209-2015882	-	26,491
COVAC				
Campus COVID-19 Vaccination and Mitigation (CoVAC) Initiative Mini-Grant Program	93.318	NUSOCK000581 / 42	-	3,000
Fact Forward				
emPOWRed SC: Creating Linkages for Youth of Color in South Carolina	93.297	1 TP2AH000064-01-00	-	55,635
LEADAC				
Proposal to Serve as Outside Evaluator on Transitional Youth Services	93.243	10011282	-	25,522
Proposal to Serve as Outside Evaluator on Transitional Youth Services	93.243	U00031849	-	35,871
Medical University of South Carolina				
Leadership Education in Neurodevelopmental and Related Disorders (LEND)	93.110	A00-0188-S004	-	141,912
Model State-Supported AHEC Program - USC Subaward	93.107	SU77HP03019-28-00	10,052	25,751
National Association of County and City Health Officials				
Harm Reduction Academic Detailing	93.421	2022-083102	4,920	22,231
NACCHO Harm Reduction and Academic Detailing 2023	93.421	2023-012402	-	19,418
Palmetto Care Connections				
Evaluation of the Network Development Grant, Palmetto Care Connections	93.912	10010489	-	5,358
Prisma Health - Midlands				
Interprofessional Education in Infection Prevention: Establishing the South Carolina Regional Infection Prevention Training (SCRIPT) Center	93.421	CDC-RFA-CK22-2203	-	12,362
Prisma Health - Upstate				
Project TRANSFORM (Teaching Recovery-informed Addiction Care And Negating Stigma FOR Medical Professionals)	93.243	5219-2	-	14,025
SC Department of Alcohol & Other Drug Abuse				

University of South Carolina
 Schedule of Expenditures of Federal Awards
 For the year ended June 30, 2023

Federal grantor/pass-through grantor/program title	Assistance Listing number	Grant Number	Passed through to subrecipients	Expenditures
Substance Use Prevention Rural Community - Part 2	93.959	20230315-20240930	-	13,189
Substance Use Prevention in Rural County University	93.788	B08T1083544-01	-	121,269
SC Department of Health & Environmental Control				
Ryan White Treatment Extension Act - Part B ADAP Insurance Assistance Program	93.917	HV-0-611	(330,854)	(330,854)
Ryan White Part B Funding - Part B Federal Base	93.917	HV-2-548	1,732,045	3,480,944
Total Ryan White HIV/AIDS Program			1,401,191	3,150,090
Evaluation Services for the Personal Responsibility Education Program (PREP)	93.092	1NUS8DP006616 / MC-2-330	-	56,252
Evaluation Services for Sexual Risk Avoidance Education (SRAE)	93.092	1NUS8DP006616 / MC-2-356	-	52,255
SC Nursing Initiative to Address COVID-19 Health Disparities & Inequities	93.391	CDC-RFA-OT21-2103	-	401,423
Tobacco Use Among Hispanic/Latinos in SC	93.387	DC-2-578	20,000	149,155
South Carolina's Strategies to Maintain HIV Viral Suppression Among State Prison Inmates Released to the Community (CDC-RFA-PS20-2011)	93.941	HV-1-656	72,209	124,976
(SOF5: Supplement to CDC-RFA-PS19-1901, Strengthening STD Prevention and Control for Health Departments) Perinatal HIV Prevention: Comprehensive Risk Counseling and Services, and HIV PrEP Uptake, and DIS Training	93.997	HV-2-432	35,431	95,001
South Carolina Nursing Assistant Program (SCNAP)	93.323	HV-3-557	-	97,286
South Carolina's Strategies to Maintain HIV Viral Suppression Among State Prison Inmates Released to the Community (CDC-RFA-PS20-2011)	93.941	NU62PS924645	53,815	76,601
SC Department of Social Services				
DSS - CIA Operation of CLC	93.643	4400024679	-	174,599
DSS - CIA Support of Task Force	93.643	4400024720	-	104,699
DSS - CIA Operation of CLC	93.643	4400024861/4400024679	-	(1,062)
SC Developmental Disabilities Council				
IMPACT SC Self-Advocacy Initiatives	93.630	12-21-0055	-	36,119
2023 SC Assistive Technology Expo	93.630	12-21-0064	-	5,000
IMPACT SC Self-Advocacy Initiatives	93.630	2001SCB5DD / 11-21-0055	-	10,178
Six Sixties: Learning How to Fill the Gaps	93.630	2101SCSCDD / 11-21-0065	-	180
SC Developmental Disability Council Professional Services	93.630	U00031419	-	24,830
SC Family Connections				
South Carolina Youth in Transition Training Program	93.243	U00031446	-	11,728
Spartanburg School District 7				
Mary Black Foundation Implementation of YRBS, School Health Profiles, and Sexual Health Curricula - Year 4	93.079	U00030010	-	1,962
Covid 1807 Supplement Evaluation Services	93.079	U00030570	-	30,127
Substance Abuse & Mental Health Services				
Together We Can Achieve More	93.243	1H79SM086303-01	-	678
Project EXPAND: Enriching eXperiences by Providing Addiction learning in New Directions	93.243	1H79TI084136-01	3,389	33,972
Project EXPAND: Enriching eXperiences by Providing Addiction learning in New Directions	93.243	5H79TI084136-02	24,626	118,336
Garrett Lee Smith Campus Suicide Prevention	93.243	6H79SM080473-03M002	-	(216)
University of Kentucky				
Nurse, Education, Practice, Quality and Retention - Registered Nurses in Primary Care	93.359	3200004046-22-048	-	1,541
Vanderbilt University				
South Carolina HIV/AIDS Clinical Training Center/Vanderbilt - AETC Base	93.145	5U1OHA30535-06-00	3,866	19,713
South Carolina HIV/AIDS Clinical Training Center/Vanderbilt - AETC Base	93.145	VUMCS6743	53,389	305,860
Wisconsin Department of Health Services				
Envision Equitable Healthy Communities (EEHC)	93.495	53985	-	119,497
Envision Healthy Communities	93.495	58286	-	331,857
Total U.S. Department of Health & Human Services			2,125,252	11,376,206
Total Other Programs			\$ 2,450,034	\$ 27,749,412
Total Federal Expenditures			\$ 21,897,994	\$ 515,384,588

UNIVERSITY OF SOUTH CAROLINA
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2023

NOTE 1 BASIS OF PRESENTATION

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) includes the federal award activity of the University of South Carolina (the University) under programs of the federal government for the year ended June 30, 2023, and is presented on the cash basis of accounting. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the University, it is not intended to and does not present the financial position, changes in net position, or cash flows of the University.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES FOR EXPENDITURES OF FEDERAL AWARDS

Expenditures in the Schedule are determined using the cost accounting principles and procedures set forth in OMB Circular A-21, *Cost Principles for Educational Institutions*, or in Uniform Guidance, as applicable, wherein, certain expenditures are not allowable or are limited as to reimbursement.

Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years.

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 nonfinancial aid awards include indirect costs, related primarily to facilities operation and maintenance and general, divisional and departmental administrative services, which are allocated to direct cost objectives (including federal awards) based on negotiated formulas commonly referred to as facilities and administrative cost rates. Facilities and administrative costs allocated to such awards for the year ended June 30, 2023, were based on predetermined fixed rates negotiated with the University's cognizant federal agency. The University has elected not to use the 10 percent de minimis indirect cost rate as allowed under the Uniform Guidance.

**UNIVERSITY OF SOUTH CAROLINA
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2023**

NOTE 3 FEDERAL STUDENT LOAN PROGRAMS

The federal student loan programs listed subsequently are administered directly by the University and the balances and transactions relating to the programs are included in the University's financial statements. Federal expenditures reported on the face of the Schedule include loans outstanding at the beginning of the year, loans made during the year, loan cancellations, interest subsidies and administrative expenses. The balance of loans outstanding at June 30, 2023, consists of:

Number	Program Name	Outstanding Balance at June 30, 2023
84.038	Federal Perkins Loan	\$ 3,257,246
93.364	Nursing Student Loans	917,046
93.342	Health Profession Student Loans	726,569
93.264	Nurse Faculty Loan Programs	1,238,059

Due to the expiration of the Federal Perkins Loan Program on September 30, 2017, the University did not disburse any Perkins loans to students during the year ended June 30, 2023. Schools have the option of continuing to collect on outstanding loan balance or can voluntarily liquidate the program. The University has no current plans to begin the Perkins liquidation process. However, the University is required to periodically return excess cash on hand from the program to the Department of Education.

The University also participates in the Federal Direct Student Loans (Direct Loans) Program (CFDA Number 84.268) of the Department of Education, which includes subsidized and unsubsidized Federal Stafford Loans and Federal PLUS Loans. Under the Direct Loans Program, the University is responsible only for certain administrative duties; accordingly, the disbursements under the Direct Loans Program and the outstanding loan balances are excluded from the financial statements of the University.

NOTE 4 CONTINGENCIES

The University receives funds under various federal grant programs, and such awards are to be expended in accordance with the provisions of the various grants. Compliance with the grants is subject to audit by various government agencies which may impose sanctions in the event of noncompliance. Management believes that they have complied with all aspects of the various grant provisions, and the results of adjustments, if any, relating to such audits would not have any material financial impact.

**UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
YEAR ENDED JUNE 30, 2023**

Section I – Summary of Auditors’ Results

Financial Statements

1. Type of auditors’ report issued: Unmodified
2. Internal control over financial reporting:
- Material weakness(es) identified? _____ yes x no
 - Significant deficiency(ies) identified? _____ yes x none reported
3. Noncompliance material to financial statements noted? _____ yes x no

Federal Awards

1. Internal control over major federal programs:
- Material weakness(es) identified? _____ yes x no
 - Significant deficiency(ies) identified? x yes _____ none reported
2. Type of auditors’ report issued on compliance for major federal programs: Unmodified
3. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)? x yes _____ no

Identification of Major Federal Programs

Assistance Listing Number(s)	Name of Federal Program or Cluster
84.425E, 84.425F, 84.425M, 84.425U	COVID 19 – Education Stabilization Fund
Various	Student Financial Assistance Cluster
93.917	HIV Care Formula Grants

- Dollar threshold used to distinguish between Type A and Type B programs: \$ 3,000,000
- Auditee qualified as low-risk auditee? x yes _____ no

**UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Section II – Financial Statement Findings

Our audit did not disclose any matters required to be reported in accordance with *Government Auditing Standards*.

Section III – Findings and Questioned Costs – Major Federal Programs

2023 – 001

Federal Agency: Department of Education

Federal Program Title: Education Stabilization Fund

Assistance Listing Numbers: 84.425F – Higher Education Emergency Relief Fund (HEERF)
Institutional Portion

Federal Award Identification Number and Year: P425F201713 and P425F201723

Award Period: July 1, 2022, to June 30, 2023

Type of Finding: Other Matters Finding related to Compliance within Uniform Guidance and Significant Deficiency in Internal Controls over Compliance.

Criteria or Specific Requirement: In addition to the basic cash management principles, for Coronavirus Relief and Response Supplemental Appropriation (CRRSAA), HEERF II and the American Rescue Plan Act (ARP), HEERF III, the Certification, agreements and/or supplemental agreements require that the student aid portion (ALN 84.425E) should be disbursed within 15 calendar days of the drawdown from Education Department’s (ED) G5 grants system and Institutional Aid Portion, (a)(2), and (a)(3) funds (all other ALNs) should be disbursed within 3 calendar days of the drawdown from G5.

For lost revenue, the “obligation” occurs on the date the institution completes its estimate of its amount of lost revenue after the estimation period.

Condition: During fiscal year ended June 30, 2023, approximately \$5,840,000 of the ARP institutional portion was disbursed more than 3 days after the G5 cash draw receipt.

Questioned Costs: None noted.

Context: During our testing, we noted that the University was not in compliance with the ARP Cash Management requirements.

Cause: The University had drawn down their remaining HEERF allotment near the end of FY22, as it was expected that each campus had spent their allotment. The Aiken and Salkehatchie campuses did not identify allowable costs before year end. The funding was held at USC until April 2023 when it was expended, which results in non-compliance with cash management regulations.

**UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

2023 – 001 (Continued)

Effect: The University pulled down funds from G5 and did not disburse them within the required days of disbursement and therefore did not comply with the requirements.

Repeat Finding: No.

Recommendation: We recommend that the University continuously enhance its monitoring control over administration and disbursement of HEERF money, in order to ascertain complete and accurate compliance with cash management principles and requirements. We also recommend that the University determines if any interest earned on these funds before expenditure should be returned to ED.

Views of Responsible Officials and Planned Corrective Actions: There is no disagreement with the audit finding. Management has addressed their corrective action plan in a separately issued letter.

2023 – 002

Federal Agency: Department of Education

Federal Program Title: Education Stabilization Fund

Assistance Listing Numbers: 84.425F – Higher Education Emergency Relief Fund (HEERF)
Institutional Portion

Federal Award Identification Number and Year: P425F201713, P425F201715, P425F201717, P425F201719, P425F201723, P425F201726, P425F201732, and P425F201737

Award Period: July 1, 2022, to June 30, 2023

Type of Finding: Other Matters Finding related to Compliance within Uniform Guidance and Significant Deficiency in Internal Controls over Compliance.

Criteria or Specific Requirement: Under section 2003(5) of the American Rescue Plan Act of 2021 (ARP) (Pub. L. 117-2) (supplemental award or grant) by the U.S. Department of Education, Recipient must use a portion of their institutional funds received under this supplemental award to (a) to implement evidence-based practices to monitor and suppress coronavirus in accordance with public health guidelines; and (b) conduct direct outreach to financial aid applicants about the opportunity to receive a financial aid adjustment due to the recent unemployment of a family member or independent student, or other circumstances, described in section 479A of the Higher Education Act of 1965, as amended (HEA) (20 USC § 1087tt).

**UNIVERSITY OF SOUTH CAROLINA
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
YEAR ENDED JUNE 30, 2023**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

2023 – 002 (Continued)

Condition: During our testing of annual reporting for the University, we noted that there was no amount allocated to the earmarking requirement noted above.

Questioned Costs: Unknown.

Context: During our testing, we noted that the University was not in compliance with the annual reporting requirements.

Cause: The policies and procedures of the University did not ensure that annual reporting requirements were accurately met.

Effect: Non-compliance with federal regulations could lead to funds being required to be returned or refunded in order to meet the reporting requirement.

Repeat Finding: No.

Recommendation: We recommend that the University monitor the reporting requirements of all grants, to ensure they stay in compliance.

Views of Responsible Officials and Planned Corrective Actions: There is no disagreement with the audit finding. Management has addressed their corrective action plan in a separately issued letter.



Office of the Controller

U.S. Department of Education

University of South Carolina respectfully submits the following corrective action plan for the year ended June 30, 2023.

Audit period: July 1, 2022 – June 30, 2023

The findings from the schedule of findings and questioned costs are discussed below. The findings are numbered consistently with the numbers assigned in the schedule.

FINDINGS—FINANCIAL STATEMENT AUDIT

None Noted

FINDINGS—FEDERAL AWARD PROGRAMS AUDITS

Department of Education

2023-001 HEERF CASH MANAGEMENT

Recommendation: We recommend that the University continuously enhance its monitoring control over administration and disbursement of HEERF money, in order to ascertain complete and accurate compliance with cash management principles and requirements. We also recommend that the University determines if any interest earned on these funds before expenditure should be returned to ED.

Explanation of disagreement with audit finding: There is no disagreement with the audit finding.

Action taken in response to finding: The University worked with the Aiken and Salkehatchie campuses to ensure all expenditures and lost revenue were documented for the HEERF funds that were drawn in accordance with cash management principles and requirements. In addition, the University will review its cash management policies with regard to federal funds to ensure compliance.

Name(s) of the contact person(s) responsible for corrective action: Mandy Kibler, Associate Vice President and University Controller

Planned completion date for corrective action plan: The University has documented all expenditures and lost revenue for the HEERF funds that were drawn in accordance with cash management principles and requirements and will determine if any interest should be returned to ED before December 31, 2023.

2023-002 HEERF ANNUAL REPORTING

Recommendation: We recommend that the University monitor the reporting requirements of all grants, to ensure they stay in compliance.

Explanation of disagreement with audit finding: There is no disagreement with the audit finding.

Action taken in response to finding: The University will monitor reporting requirements for HEERF funds for its annual report and will amend the prior report as needed for compliance.

Name(s) of the contact person(s) responsible for corrective action: Mandy Kibler, Associate Vice President and University Controller

Planned completion date for corrective action plan: The University will submit the final HEERF Annual Report for CY2023 in spring 2024 and will amend the CY2022 in spring 2024 to ensure reporting requirements are met.

If the U.S. Department of Education have questions regarding these plans, please call Mandy Kibler at 803-777-2123.