UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.

COMPLIANCE REPORTS

Year Ended June 30, 2023



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Report of Independent Auditor on Compliance for the Major Program and on Internal Control over Compliance Required by the Uniform Guidance

To the Board of Directors University of Georgia Research Foundation, Inc. Athens, Georgia

Report on Compliance for the Major Federal Program

Opinion on the Major Federal Program

We have audited the University of Georgia Research Foundation, Inc.'s (the "Foundation") 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 the Foundation's major federal program for the year ended June 30, 2023. The Foundation's major federal program is identified in the *Summary of Auditor's Results* section of the accompanying schedule of findings and questioned costs.

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

Basis for Opinion on the Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and 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 *Auditor's Responsibilities for the Audit of Compliance* section of our report.

We are required to be independent of the Foundation 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 the major federal program. Our audit does not provide a legal determination of the Foundation'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 Foundation's federal programs.

Auditor's 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 Foundation'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 generally accepted auditing standards, *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 Foundation's compliance with the requirements of the major federal program as a whole.

In performing an audit in accordance with generally accepted auditing standards, *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 Foundation'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 Foundation'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 Foundation'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.

Report on Internal Control over Compliance

A *deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance is a deficiency or a combination of deficiencies, in internal control over compliance with a type of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the *Auditor's 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. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance that we consider to over compliance may exist that were not identified.

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.

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

We have audited the financial statements of the Foundation as of and for the year ended June 30, 2023, and have issued our report thereon dated September 25, 2023, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplemental Schedule of Expenditures of Federal Awards, as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, is presented for the purpose of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of the Foundation's management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used in our audit of the basic financial statements and certain 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 taken as a whole, in conformity with the basis of accounting described in Note 2.

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.

Cherry Bekaert LLP

Augusta, Georgia March 8, 2024, except for paragraph entitled **Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance** as to which the date is September 25, 2023

Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amount Provided t Subrecipier
CH AND DEVELOPMENT CLUSTER					
RTMENT OF AGRICULTURE					
Agricultural Research Basic and Applied Research Direct Awards			10.001	\$ 1,637,004	\$ 1,633,
Pass-Through from:			10.001	\$ 1,037,004	φ 1,000,
Research Corporation	Host Adaptation Of Mycobacterium Bovis: A Comparative Transcriptomics Study Of M. Bovis Infection In A Multi-Host System	28366	10.001	5,010	4,
			10.001 Total	1,642,014	1,638
Plant and Animal Disease, Pest Control, and Animal Care					
Direct Awards			10.025	618,076	607
Pass-Through from:			10.020	010,010	001
GA Department of Agriculture	2020 Oak Commodity Farm Bill Survey	NA	10.025	1,739	1,
GA Department of Agriculture	2022 Forests Pest Farm Bill Survey	NA	10.025	29,815	29
GA Department of Agriculture	Georgia Caps Survey. 2017 Survey Of Exotic Bark And Woodboring Beetles In Georgia	NA	10.025	(155)	
			10.025 Total	649,475	638
Wildlife Services					
Direct Awards			10.028	92,299	90
			10.028 Total	92,299	90
Conservation Reserve Program					
Direct Awards Pass-Through from:			10.069	166,231	162
Pheasants Forever, Inc.	Spatial Prioritization And Monitoring Of Northern Bobwhites And Associated Birds In The Context Of Working Lands For				
r hoddanto r oronor, mo.	Wildlife	C001-2021-04	10.069	193,556	189
			10.069 Total	359,787	352
Outreach Education and Technical Assistance			10.113		
Direct Awards			10.147 10.147 Total	14,220	11
			10.147 10181	14,220	
Federal-State Marketing Improvement Program					
Direct Awards			10.156	87,200	8
			10.156 Total	87,200	8:
Presidente Oran Black Orant Brann T. T. T.					
Specialty Crop Block Grant Program - Farm Bill Direct Awards			10.170	59,063	5
Pass-Through from:			10.170	59,063	5
Center for Produce Safety	The Prevalence Of Cyclospora In Irrigation Water And Produce	2020CPS08	10.170	(8,991)	(4
Center for Produce Safety	Control Of Listeria Monocytogenes In Processing/ Packing Plants Using Antimicrobial Blue Light (Abl)	2021CPS04	10.170	453	
Center for Produce Safety	Understanding And Predicting Food Safety Risks Posed By Wild Birds	2021CPS09	10.170	121,500	12
Center for Produce Safety	Survival Of Infectious Human Norovirus In Irrigation Water And On Leafy Greens	2021CPS05	10.170	122,182	12
Center for Produce Safety	Overcome Critical Food Safety Challenges Of Blueberry Harvesting	2021CPS03	10.170	110,025	10
Virginia Polytechnic Institute and State University Georgia Citrus Association	A Metagenomic Approach Food Safety Risk Mitigation in Pears Enhancing the sustainability of Georgia citrus industry with Pre/Post-harvest research	420149-19105 NA	10.170 10.170	5,747 6.091	
National Pecan Shellers Association	Assessing the Shelf Stability of Raw Pecans by Chemical, Textural, and Sensory Means	NA	10.170	26,264	2
Seven Rivers Resource Conservation and Development Council	Enhance Pomegranate Competitiveness Via Adding Value and Improving Food Safety	AM190100XXXXG033	10.170	24,396	2
The Center for Produce Safety	Enhance Pomegranate Competitiveness Via Adding Value and Improving Food Safety	2023CPS03	10.170	52,927	5
Clemson University	Optimization of Nutritional Programs for Stone Fruit in the Southeastern U.S	24152232015446	10.170	21,220	2
GA Department of Agriculture	Managing Boxwood Blight Through Cultivar Screening and Cultural Practices	NA	10.170	20,518	2
GA Department of Agriculture	Using plant growth regulators to optimize fruit ripening and postharvest shelf-life in blueberries	NA	10.170	303	
GA Department of Agriculture	Predictive Modeling of Pecan Quality During Commercial Storage and Distribution	NA	10.170	(1,291)	(
GA Department of Agriculture GA Department of Agriculture	Unmanned Aerial Vehicles to Improve Sustainable Weed Control in Bermudagrass Rapid molecular detection and fungicide resistance tests for Sclerotinia homoeocarpa	NA NA	10.170 10.170	3,712 7,418	
GA Department of Agriculture	Method for Pre-Harvest Intervention to Control Listeria Monocytogenes in Produce	NA	10.170	15.529	1
GA Department of Agriculture	Statewide Survey of Citrus Greening Caused by Candidatus Liberibacter Asiaticus	NA	10.170	30,462	3
GA Department of Agriculture	Management Strategies for Ambrosia Beetles in Tree-nursery, Tree-fruit, and Pecan	NA	10.170	2,306	
GA Department of Agriculture	Building Sustainable Insect Management Programs in Georgia Tree Fruit	NA	10.170	37,438	3
GA Department of Agriculture	Statewide survey and diagnosis of citrus canker in Georgia groves	NA	10.170	27,021	2
GA Department of Agriculture	Exploring novel freeze protection strategies for blueberry and peach production in Georgia	NA	10.170 10.170	14,983 41,580	1
GA Department of Agriculture GA Department of Agriculture	UV-c radiation to control dollar spot disease in turfgrass A sustainable weed management system for organic vegetable farmers in Georgia	NA	10.170	41,580	4
GA Department of Agriculture	Biology and Management of Redheaded flea beetle	NA	10.170	27,894	2
GA Department of Agriculture	Developing Aronia berry as a new specialty crop for edible fruit and ornamental	NA	10.170	49,159	4
GA Department of Agriculture	Quality and Safety of Cabbage that is Subjected to Abusive Conditions	NA	10.170	27,933	2
GA Department of Agriculture	Plant vaccine-induced resistance against insect-transmitted viruses on tomato and squash	NA	10.170	5,124	
GA Department of Agriculture	Improve the hygiene conditions of migrant worker living environments	NA	10.170	5,380	
GA Department of Agriculture	Determining the threat of Xylella Leaf Scorch in Georgia Pecans	NA	10.170	41,907	4
GA Department of Agriculture	Saving the Rose: Using Genetics to Battle Rose Rosette Virus	NA	10.170	6,493	
GA Department of Agriculture	Anaerobic soil disinfestation and soil amendments for blueberry disease control	NA	10.170 10.170	24,184 25.631	2
GA Department of Agriculture GA Department of Agriculture	Sustainable grafting technology to enhance competitiveness of watermelon in Georgia Applications of Nanobubble technology to enhance the sustainability of turfgrass systems	NA NA	10.170	25,631	2
GA Department of Agriculture	Reducing fresh peach contamination caused by the overhead spray washers/waxers	NA	10.170	27.608	2
GA Department of Agriculture	Biomarker-based evaluation of scab resistance in pecans	NA	10.170	25,215	2
GA Department of Agriculture	Biomarker-based evaluation of scab resistance in pecans	NA	10.170	1,276	
GA Department of Agriculture	Understanding the environmental conditions for Georgia boxwood blight infection	NA	10.170	14,000	1
GA Department of Agriculture	Plant sap analysis to optimize fertilizer application for sustainable vegetable production	NA	10.170	1,418	
GA Department of Agriculture	Sustainable management of Pantoea spp. to enhance competitiveness of onion	NA	10.170	29,233	2
GA Department of Agriculture	A sustainable protected culture system for water spinach in Georgia	NA	10.170 10.170	13,114	1
GA Department of Agriculture Kansas State University	Reduced Fungicide Use Through Early Detection Of Gummy Stem Blight A Validation Study For The Tree Fruit Industry: Effective Strategies To Sanitize Harvesting Bins And Picking Bags	NA A22-0292-S001	10.170	(308) 58,478	5
		m22-0282-0001	10.170 10.170 Total		1,13
				., 141,002	1,13
Grants for Agricultural Research, Special Research Grants					
Pass-Through from:					
University of Florida	Fish Species In The Southern United States	1800597518	10.200	(345)	
			10.200 Total	(345)	
Higher Education – Graduate Fellowships Grant Program					
Direct Awards			10.210	83,741	8
			10.210 Total		8
			-		
Small Business Innovation Research					
Pass-Through from:	Effern Of Amerikan Trakeslam Fre Disease Manager (00 400 110 1			
Seacoast Science, Inc.	Efficacy Of Agrospheres Technology For Disease Management A Nevel Approach Te Increaseing and Stabilizing Birghe Shellfich Seed Supply: The Mobile Hotchery	22-1001UGA	10.212 10.212	670 23.999	2
Oyster Seed Holdings, Inc.	A Novel Approach To Increasing And Stabilizing Bivalve Shellfish Seed Supply: The Mobile Hatchery	20213361035485	10.212 10.212 Total		2
			10.212 10(al	24,009	2
Sustainable Agriculture Research and Education					
Direct Awards			10.215	5,577,736	5,45
Pass-Through from:			10.215	8.025	
North Carolina State University	Adaptive Grazing Management	2019150303			
North Carolina State University Clemson University	Incorporating Natural, Non-Toxic Arthropod Resistant Tomato Varieties Into Southern Production Systems	21552152013485	10.215	5,294	
North Carolina State University Clemson University University of Florida	Incorporating Natural, Non-Toxic Arthropod Resistant Tomato Varieties Into Southern Production Systems Enhancing Hedgerow Systems In Fruit Tree Production To Improve Beneficial Insect Diversity And Abundance	21552152013485 SUB00002347	10.215 10.215	5,294 27,210	2
North Carolina State University Clemson University University of Florida University of Guam	Incorporating Natural, Non-Toxic-Artropod Resistant Tomato Varieties Into Southern Production Systems Enhancing Hedgerow Systems In Fruit Tree Production To Improve Beneficial Insect Diversity And Abundance Fungal Led Spots: Field, Lab, And Online Tutorial For Professionals In Guam And The Northern Marinan Islands	21552152013485	10.215	5,294	2
North Carolina State University Clemson University University of Florida	Incorporating Natural, Non-Toxic Arthropod Resistant Tomato Varieties Into Southern Production Systems Enhancing Hedgerow Systems In Fruit Tree Production To Improve Beneficial Insect Diversity And Abundance	21552152013485 SUB00002347	10.215 10.215	5,294 27,210	2

YEAR ENDED JUNE 30, 2023

Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Provided Subrecipie
1890 Institution Capacity Building Grants					
Direct Awards Pass-Through from:			10.216	150,745	14
Fort Valley State University	Aphid Resistance In Sorghum	CANFVSU-19-064	10.216	11,112	÷
University of Maryland Eastern Shore	Growth Promoters In Broller Production	NIFA5208140UOG	10.216 10.216 Total	55,379 217,236	20
Higher Education - Institution Challenge Grants P Direct Awards	ogram		10.217	127,074	12
Biotechnology Risk Assessment Research			10.217 Total	127,074	12
Pass-Through from: University of Minnesota	Isolating Off-Target Crispr/Cas9 Changes In Soybean	H007771001	10.219	95	
Purdue University	If You Build II, Will It Spread? Quantifying Gene Flow In Managed And Unmanaged Honey Bee Populations Across The United States	F1000224802020	10.219	2,853	
			10.219 Total	2,948	
Secondary Education, Two-Year Postsecondary E Direct Awards	ducation, and Agriculture in the K-12 Classroom		10.217	1,500	
			10.217 Total	1,500	
Extension Collaborative on Immunization Teachin Pass-Through from:	g & Engagement				
Extension Foundation	Excite: Extension Collaboration On Immunization, Teaching & Engagement	EXC1-2021-2071	10.229	14,814	1
Extension Foundation	Excite: Building Vaccine Confidence In Rural Georgia	EXC2-2021-2113	10.229 10.229 Total	140,355 155,169	13 14
Agricultural and Rural Economic Research, Coop Direct Awards	rative Agreements and Collaborations		10.250	44,693	4
			10.217 Total	44,693	4
Consumer Data and Nutrition Research Direct Awards			10.253	3,467 3,467	
Integrated Programs			_		
Direct Awards Pass-Through from:			10.303	275,820	26
University of Florida	Improvement And Implementation Of Organic Pecan Systems In The Southeastern USA	UFDSP00010951	10.303 10.303 Total	(1,359) 274,461	(26
Homeland Security Agricultural Direct Awards			10.304	254,547	24
Pass-Through from: University of Florida	Southern Plant Diagnostic Network 2021-22	SUB00002894	10.304	37,426	3
University of Florida	Southern Plant Diagnostic Network 2022-23	SUB00003508	10.304 10.304 Total	8,112 300,085	29
Organic Agriculture Research and Extension Initia Direct Awards	tive		10.307	170,847	16
Pass-Through from:					
Clemson University Clemson University	Development And Implementation Of Biological Control Tactics For Key Vegetable Insect Pests In The Southeastern US Southeastern Diversified Organic Vegetable Farms	2051-207-2012799 23102072014673	10.307 10.307	38,122 4,773	3
University of Florida	Plant Safety, Horticultural Benefits, And Disease Efficacy Of Essential Oils For Use In Organically Grown Fruit Crops: From The Farm To The Consumer	SUB00002451	10.307	56,135	5
University of Florida	Adapting And Expanding High Tunnel Organic Vegetable Production For The Southeast	UFDSP00012045	10.307	10,863	1
Washington State University Kansas State University	A Systems-Based Approach To Enhance Quality, Safety, And Shelf Life Of Organic Tree Fruit In The Pacific Northwest Novel Sanitation Approaches To Control Listeria Biofilms In The Organic Produce Industry	140282SPC003316 A23-0075-S002	10.307 10.307	92,168 50,443	4
University of Maine	On-Farm integration of Organic Management of Spotted-Wing Drosophila in Fruit Crops	UMS1383	10.307 10.307 Total	70 423,421	40
Specialty Crop Research Initiative Direct Awards			10.309	2,751,374	2,69
Pass-Through from:		04700070000			
Clemson University Clemson University	A Multi-State Effort to Contain and Manage the Invasive Guava Root Knot Nematode (GRKN) in Vegetable Crops Solutions To The Armillaria Root Rot Threat Affecting The U.S. Stone Fruit Industry	21702072023550 22342072014173	10.309 10.309	50,438 25,666	4
Michigan State University	Cuccap2: Hamessing Genomic Resources For Disease Resistance And Management In Cucurbit Crops Bringing The Tools To The Field	RC111377F	10.309	28,902	2
New Mexico State University	Trees For The Future: Coordinated Use Of Genetic Tools To Develop Geographic And Climate Adapted Pecans	Q02416	10.309	57,778	5
		2017039805	10.309		
North Carolina State University North Carolina State University	Management Of Brown Marmorated Stink Bug In Us Specialty Crops Breeding, Genetics, Physiology, Economics And Outreach	2019-1455-02	10.309	29,216 509,721	
North Carolina State University North Carolina State University	Breeding, Genetics, Physiology, Economics And Outreach Vacciniumcap: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes	2019-1455-02 2020-0042-10	10.309	29,216 509,721 (357)	47
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Tennessee State University	Breeding, Genetics, Physiology, Economics And Outreach Vacciniumcap: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars	2019-1455-02	10.309	29,216 509,721	47
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Tennesse State University Texas A&M University	Breeding, Genetics, Physiology, Economics And Outreach Vaccinumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specialty Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance	2019-1455-02 2020-0042-10 2186	10.309 10.309 10.309	29,216 509,721 (357) 125,263	47
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Ternesee State University Texas A&M University University of Florida	Breeding, Genetics, Physiology, Economics And Outreach Vacciniumcap: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Finul Quality Attributes Mobile Remote Sansing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Speciality Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Sport Resistance Management Of Endemic And Emerging Bacterial Diseases Of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity	2019-1455-02 2020-0042-10 2186 P0142880 M2300283 SUB00002014	10.309 10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,263 136,434 913 32,026	47 11 12 2
North Carolina State University North Carolina State University Rutgers: The State University of New Jersey Tennessee State University Texas A&M University University of Florida University of Florida	Breeding, Genetics, Physiology, Economics And Outreach Vaccinumce; Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Scoleeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management Of Endemic And Emerging Bacterial Diseases of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot - An Integrated Tochob For Managing Tomato Bacterial Diseases In Konth America	2019-1455-02 2020-0042-10 2186 P0142880 M2300283	10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,263 136,434 913	47 11 12 2 30
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Tennessee State University Texas A&M University University of Florida University of Florida University of Florida	Breeding, Genetics, Physiology, Economics And Outreach Vacciniumce; Leveranging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management Of Endemic And Emerging Bacterial Disease Of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot. An Integrated Tochook For Managing Tomate Bacterial Diseases In North America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees	2019-1455-02 2020-042-10 2166 P0142880 M2300283 SUB00002014 SUB00002599 SUB00003529 UFDSP00010607	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (998)	47 11 12 30 1
North Carolina State University North Carolina State University Rutgers: The State University of New Jersey Tennessee State University Texas A&M University University of Florida University of Florida	Breeding, Genetics, Physiology, Economics And Outreach Vacciniumce; Leveranging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management Of Endemic And Emerging Bacterial Disease Of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tromspot. An Integrated Tochook For Managing Tomate Bacterial Diseases In North America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding Disease With Pathogenomics Tode And Endergines	2019-1455-02 2020-042-10 2166 P0142880 M2300283 SUB0002214 SUB00022390 SUB00002599 UFDSP00010607 1574 13321C000107	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,63 136,434 913 32,026 325,976 20,589 (998) 21,513 370,422	47: 111 12: 30: 1! 2! 30: 1! 2! 34!
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Teonesee State University Teoxe A&M University University of Florida University of Florida University of Florida University of Florida University of Florida	Breeding, Genetics, Physiology, Economics And Outreach Vaccinumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Prision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Boern Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management Of Endemic And Emerging Bacterial Diseases Of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot. An Integrated Toolbox For Managing Tomato Bacterial Diseases In North America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed	2019-1455-02 2020-0042-10 2188 P0142880 M2300283 SUB00002014 SUB00002300 SUB00003529 UFDS90016007 1574	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (998) 21,513 370,422 5,516	47) 111 12 300 1! 2! 300 1! 2! 344 344
North Carolina State University North Carolina State University Rutgers, The State University Texase ASM University Texas ASM University University of Florida University of Visconsin - Madison Washington State University Washington State University	Breeding, Genetics, Physiologi, Economics And Outreach Vaccinumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Bornk Management in Speciality Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management Of Endemic And Emerging Bacterial Diseases Of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot. An Integrated Toolbox For Managing Tomato Bacterial Diseases In North America Steam-Generated Supplementary Heat Thremotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating an eve paradigm for potato breeding based on true seed Stop The Rot: Combating Onion Bacterial Diseases With Pathogenomics Tools And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes	2019-1455-02 2020-042-10 2166 P0142880 M2300283 SUB0002214 SUB00022390 SUB00002599 UFDSP00010607 1574 13321C000107	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,63 136,434 913 32,026 325,976 20,589 (998) 21,513 370,422	47) 111 12 300 1! 2! 300 1! 2! 344 344
North Carolina State University North Carolina State University Rutgers: Ho State University of New Jersey Tennessee State University Texas A&M University University of Florida University of Florida	Breeding, Genetics, Physiologi, Economics And Outreach Vacciniumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With improved Fruit Quality Attributes Mobile Remote Sansing Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specialty Tree Crops Developing Sustainable Rose Landscapes via Rose RoseRite Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Back Spot Resistance Management Of Endemic And Emerging Bacterial Diseases In Nath America. Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The Cit. Combaling Onion Bacterial Diseases IN Math America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The Cit. Combaling Onion Bacterial Diseases IN Math America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Toxis And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes (AFRI)	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00002014 SUB00002390 SUB00003529 UFDSP00010607 1574 1333216004107 133336-G003924/SPC001538	10.309 10.300 10.309	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (998) 21,513 370,422 5,516 4,490,392	47 11 12 30 1 2 30 1 2 34 4,32
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Tencessee State University Texas A&M University University of Florida University of Florida University OVID-19: Agriculture and Food Research Initiativ Ransas State University North Carolina State University	Breeding, Genetics, Physiology, Economics And Outreach Vaccinumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Semsing-Based Price Concentry Concentry Control (1998) Remote Semsing-Based Price Concentry Concentry Concentry Control (1998) Developing Sustainable Rose Landscapes via Rose RoseRet Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management Of Endemic And Emerging Bacterial Diseases Of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot - An Integrated Toolbox For Managing Tomato Bacterial Diseases In North America Stam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating an eve paradigm for potato breeding based on true seed Stop The Rot: Combating Onion Bacterial Diseases With Pathogenomics Tools And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes	2019-1455-02 2020-0042-10 2186 P0142880 M2300283 SUB00002300 SUB00003529 UFD590010607 1574 133326-6003924/SPC001538	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (9989) 21,513 370,422 5,516 4,490,392	47 11 12 30 1 2 30 30 1 2 34 4,32
North Carolina State University North Carolina State University Rutgers: The State University Texas A&M University University of Florida University of Florida University Month Carolina State University Agriculture and Food Research Initiative (AFRI) Direct Awards	Breeding, Genetics, Physiologi, Economics And Outreach Vacciniumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With improved Fruit Quality Attributes Mobile Remote Sansing Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specialty Tree Crops Developing Sustainable Rose Landscapes via Rose RoseRite Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Back Spot Resistance Management Of Endemic And Emerging Bacterial Diseases In Nath America. Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The Cit. Combaling Onion Bacterial Diseases IN Math America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The Cit. Combaling Onion Bacterial Diseases IN Math America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Toxis And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes (AFRI)	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00002014 SUB00002390 SUB00003529 UFDSP00010607 1574 1333216004107 133336-G003924/SPC001538	10.309 10.300 10.309	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (998) 21,513 370,422 5,516 4,490,392	47 11 12 30 1 2 34 4,32 4,32 1 3
North Carolina State University North Carolina State University Rungers, The State University of New Jersey Tennessee State University University of Florida University of Florida University North Carolina State University North Carolina State University Agriculture and Food Research Initiative (AFRI) Direct Awards Pass-Through from: Auburn University	Breeding, Genetics, Physiology, Economics And Outrizen Vacciniumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Endemic And Emerging Bacterial Diseases of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risk Associated with Implementation of Produce Safety Regulations Tomspot An Integrated Toolox For Managing Tomate Bacterial Diseases In Mot America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating anew paradigm for potato breeding based on true seed Stop The Rct: Combaling Onion Bacterial Diseases IN Management Social Chanagement Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00002014 SUB000003599 UFDSP00010607 1574 133216004107 133336-6003924/SPC001538 A2102315001 2022002001	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310 10.310	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (15,13) 370,422 5,516 4,490,392 15,037 40,979 6,008,910 23,015	47 11 12 300 1 2 34 34 34 34 34 33 34 33 35,69 2
North Carolina State University North Carolina State University Rutgers, The State University Texas A&M University University of Florida University of Florida University Nath Carolina State University North Carolina State University North Carolina State University North Carolina State University Agriculture and Food Research Initiative (AFRI) Direct Awards Pass-Through from: Auburn University Chemson University	Breeding, Genetics, Physiologi, Economics And Outrizen Vacciniumce: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Fisheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Endemic And Emerging Bacterial Diseases of Capsicum By Plant Resistance. Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot. An Integrated Toolox For Managing Tomate Bacterial Diseases In Morth America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The Rct: Combaling Onion Bacterial Diseases IN Management of Wine, Table, and Raisin Grapes FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy Sustaining Farm Operations In Extreme Negative Financial Positions Award-Wood Water Capacity	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00002390 SUB00002390 SUB00003299 UFDSP00010607 1574 13332(16004107 133386-6003924/SPC001538	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (998) 21,513 370,422 5,516 4,490,392 15,037 40,979 6,008,910	47 11 12 30 1 1 2 34 4,33 1 34 4,33 5,66 2
North Carolina State University North Carolina State University Tensas A&M University Texas A&M University University of Florida University Of Misconsin - Madison Washington State University Washington State University North Carolina State University North Carolina State University North Carolina State University North Carolina State University Direct Awards Pass-Through from: Aubum University Clemson University	Breeding, Genetics, Physiology, Economics And Outrizen Vacciniums: Lewranging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Endemic And Emerging Bacterial Disease of Capsicum By Plant Resistance. Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risk Associated with Implementation of Produce Safety Regulations Tomspot. An Integrated Toolox For Managing Tomata Bacterial Diseases In Mon America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The RC: Combain Onion Bacterial Disease In Mongement: Tools And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy Sustaining Farm Operations In Extreme Negative Financial Positions Award-Wood Water Capacity Promoting Clinate Sarta And Resilient Forestry In The Southeastern United States Exploring Mechanisms Of Chemical Resistance In Xanthoronas Arboricola PV: Prun IAnd Strategies To Mitigate Resistance And Improve Disease Control	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00002014 SUB00003529 UFDSP00010607 1574 133216000107 133386-0003924/SPC001538 A2102315001 2022002001 2022002001 222AGECON205246UGRF 500614sub01 5227-207-2016034 SC2265-207-2014379	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310 10.310 10.310 10.310 10.310 10.310	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (9089) 21,513 370,422 5,516 4,490,392 15,037 40,979 6,008,910 23,015 18,748 555 5,288	47 11 12 33 33 4 34 4,32 5,66 2 1
North Carolina State University North Carolina State University Rutgers, The State University Texas A&M University University of Florida University of Florida University Nath Carolina State University North Carolina State University North Carolina State University Agriculture and Food Research Initiative (AFRI) Direct Awards Pass-Through from: Auburn University Chemson University Chemson University Mississippi State University	Breeding, Genetics, Physiology, Economics And Outrizen Vacciniums: Lewranging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Endemic And Emerging Bacterial Diseases of Capsicum By Plant Resistance. Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risks Associated with Implementation of Produce Safety Regulations Tomspot. An Integrated Toolox For Managing Tomals Bacterial Diseases In Mot America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The Rct: Combaling Onion Bacterial Diseases IN Management or Wine, Table, and Raisin Grapes FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy Sustaining Farm Operations In Extreme Negative Financial Positions Award-Wood Water Capacity Promoting Clinates Smart And Resilient Forestry In The Southeastern United States Exploring Mechanisms Of Chemical Resistance In Xanthomonas Arboricola PV. Pruni And Strategies To Mitigate Resistance And Improve Disease Control Partnership For Pollinator Friendly Lawars in The Southeastern United States Exploring Mechanisms Of Chemical Resistance In Xanthomonas Arboricola PV. Prun IAnd Strategies To Mitigate Resistance And Improve Disease Contr	2019-1455-02 2020-0042-10 2186 P0142880 M2300283 SUB00002390 SUB00002390 UFDSP00010807 1574 1333216004107 133336-G003924/SPC001538 A2102315001 2022002001 222AGECON205246UGRF 500614sub01 2527-207-2016034	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310 10.310 10.310 10.310	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (998) (21,513 3370,422 5,516 4,490,392 15,037 40,979 6,008,910 23,015 18,748 555	47 111 12 2 300 1 1 2 34 4,32 4,32 5,69 2 1 1 5 5
North Carolina State University North Carolina State University Rutgers, The State University Texas A&M University University of Florida University of Florida University Mashington State University North Carolina State University North Carolina State University Auburn University Clemaco University Massissippi State University Massissippi State University Massissippi State University Massissippi State University	Breeding, Genetics, Physiologi, Economics And Outrizen Vacciniums: Lewranging Genetic And Genomic Resources To E nable Development Of Blueberry And Cranberry Cultivars With improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Orspo Developing Stutatinable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Eindemic And Emerging Bacteria Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Eindemic And Emerging Bacteria Diseases of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risk Associated with Implementation of Produce Safety Regulations Tomspot An Integrated Tocobox For Managing Tornato Bacterial Diseases in North America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The RC: Combaling Onion Bacterial Diseases With Pathogenomics Tools And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy Sustaining Farm Operations In Extreme Negative Financial Positions Award-Wood Water Capacity Promoting Dimate Strath And Resilient Forestry In The Southeastern United States Exploring Mechanisms Of Chemical Resistance In Anthromonas Arboricola PV. Pruni And Strategies To Mitigate Resistance And Improve Disease Control Partnership For Polinator Friendy Lawars In T	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00003290 SUB00003529 UFDSP00010607 1574 133216000407 1574 133336-0003924/SPC001538 A2102315001 2022002001 222AGECON205246UGRF 500614sub 2527-207-2016034 SC2265-207-201634 SC2265-207-2014379 11110034099302 426669-19105 31128671165712	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310	29,216 509,721 (357) 125,263 136,434 913 32,026 225,976 20,589 (9989) 21,513 370,422 5,516 4,490,392 4,490,392 6,008,910 23,015 18,748 555 5,288 60,942 35,232 (25,225)	47 111 12 2 300 1 1 2 34 4 32 4 34 4 32 4 32 5,69 2 2 1 1
North Carolina State University North Carolina State University Rutgers, The State University of New Jersey Tennessee State University Texas A&M University University of Florida University of Florida University North Carolina State University Auburn University Chapma University Chemon University Clemeon University Clemeon University Massissippi State University Massissippi State University Modexterm University North Carolina State University	Breeding, Genetics, Physiology, Economics And Outriach Vacciniumsz: Leveraging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With improved Fruit Quality Attributes Mobile Remote Sansing Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specialty Tree Crops Developing Sustainable Rose Landscapes via Rose RoseRite Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Back Spot Resistance Management Of Endemic And Emerging Bacterial Diseases In Kurth America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Protonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding Dased on true seed Stop The Rct: Combaint Onion Bacterial Diseases IN Management Sociated With Implementation of Produce Safety Regulations Tomspot No Integrated Toxico Rose Managingmonics Tools And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy Sustaining Farm Operations In Extreme Negative Financial Positions Award-Wood Water Capacity Promoting Climate Friendy Lawns In The Southeastern United States Economic Analysis Of Property Right Encumbered IN Fore Disease Plantpares Economic Analysis Of Property Right Encumbered IN Fore Disease Plantpares Cover Crops: The Corvery Rights Encumbered IN Forest-based And Incrower Of Effective Threapeutics Cover (rogs: The Corversione Of Water Management III The Face Of Increasing Demand And A Changing Climate Enhancing The Sustainability Of Us Cropping Systems Through Cover Crops And An Innovative Information Processing Cover Keys: The Corversione Of Water Management IIII The Face Of Increasin	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00002014 SUB00002390 UFDSP00010607 1574 1333216:004107 133336-G003924/SPC001538 A210231S001 2022002001 222AGECCN205246UGRF 500614sub01 2527-207-2016034 SC2265-207-2016379 11110034098302 426689-19105 31128671165712 2019-1507-04	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310	29,216 509,721 (357) 125,263 136,434 913 322,026 225,976 20,589 (998) 21,513 370,422 5,516 4,490,392 15,037 40,979 6,008,910 23,015 18,748 555 5,288 60,942 35,232 (25,225) 245,296	47 1111 12 20 300 11 21 34 4,32 4,32 1. 3. 3. 4,32 1. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3
North Carolina State University North Carolina State University Rutgers, The State University Tencessee State University Texas A&M University University of Florida University of Florida University North Carolina State University Agriculture and Food Research Initiative (AFRI) Direct Awards Pass-Through from: Auburn University Chapma University Chapma University Chapma University Chapma University Chapma University Massissippi State University	Breeding, Genetics, Physiology, Economics And Outrizen Vacciniums: Lewranging Genetic And Genomic Resources To Enable Development Of Blueberry And Cranberry Cultivars With Improved Fruit Quality Attributes Mobile Remote Sensing-Based Precision Turfgrass Management and High-Throughput Phenotyping. Flatheaded Borer Management in Specially Tree Crops Developing Sustainable Rose Landscapes via Rose Rosette Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Endemic And Emerging Bacterial Disease Education, Socioeconomic Assessments, and Breeding RRD Resistant Roses with Stable Black Spot Resistance Management of Endemic And Emerging Bacterial Diseases of Capsicum By Plant Resistance, Novel Compounds, And Understanding Pathogen Diversity Scientific Challenges and Cost-Effective Management of Risk Associated with Implementation of Produce Safety Regulations Tomspot An Integrated Toxibox For Managing Tomate Bacterial Diseases in North America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The RC: Combain Dion Bacterial Diseases In Moth America Steam-Generated Supplementary Heat Thermotherapy As An Immediate Treatment For Prolonging Productivity Of Hib-Infected Citrus Trees Creating a new paradigm for potato breeding based on true seed Stop The RC: Combain Dion Bacterial Diseases With Pathogenomics Tools And Enhanced Management Strategies FRAME: Fungicide Resistance Assessment, Mitigation and Extension Network for Wine, Table, and Raisin Grapes e (AFRI) COVID-19: Translating SARS-CoV2 Research into Practical Solutions for the Meat and Poultry Processing Industry COVID-19: Lessons for the Recovery: Evaluating the Impacts of the COVID-19 Pandemic on the Forest-based Rural Economy Sustaining Farm Operations In Extreme Negative Financial Positions Award-Wood Water Capacity Promoting Cinate Sarta	2019-1455-02 2020-0042-10 2166 P0142880 M2300283 SUB00003290 SUB00003529 UFDSP00010607 1574 133326000107 133336-0003924/SPC001538 A2102315001 2022002001 2222092001 2222092001 2227-02016034 SC2265-207-2014379 11110034099302 426668-19105 31128671165712 2018053002	10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.309 10.310	29,216 509,721 (357) 125,263 136,434 913 32,026 325,976 20,589 (1513 370,422 5,516 4,490,392 4,490,392 6,006,910 23,015 18,748 555 5,288 60,942 35,232 (25,225) 245,296	2: 47: 11: 12: 300 300 11: 22 344 4,322 11: 344 5,693 2: 11: 23: 33: 23: 33: 23: 33: 22: 33: 22: 33: 22: 33: 22: 33: 22: 33: 22: 33: 22: 34: 22: 34: 22: 34: 22: 34: 22: 34: 24: 34: 24: 24: 24: 24: 24: 24: 24: 24: 24: 2

YEAR ENDED JUNE 30, 2023

	Project Name	Identifying Number	ALN #	Federal Expenditures	Provideo Subrecipi
University of California	Artificial Intelligence To Increase Sustainability Of Water, Nutrient, Salinity, And Pest Management In The Western Us	S001299	10.310	32,268	3
University of California, Riverside	Private (On-Farm), Public, And Political Adaptation To Climate-Change Induced Water Scarcity: Evidence From California	S-001540	10.310	37,553	3
University of Connecticut	Systems-Based Integrated Program For Enhancing The Sustainability Of Antibiotic-Restricted Poultry Production	409814	10.310	52.231	4
University of Florida	The Origin And Progression Of The Uterine Microbiome In Cattle	409814 SUB00002943	10.310	3,497	4
University of Florida	Environmental Impacts	UFDSP00011796	10.310	213,415	20
University of Florida	Southeast Partnership For Advanced Renewables From Carinata (Sparc)	UFDSP00011873	10.310	177,155	16
University of MichiGAn	Genetic And Ecological Mechanisms Of Herbicide Resistance In The Common Morning Glory	3004829728	10.310	(233)	
University of Tennessee	Enterobactin-Based Immune Intervention To Control Colibacillosis In Poultry	9500073193	10.310	3,429	
University of Tennessee	Reducing Adiposity And Improving Body Composition Through Developmental Programming By Maternal Fatty Acids	9500082983	10.310	30,007	2
University of Wisconsin - Madison	Biological Nitrogen Fixation In The Mucilage Of Maize Aerial Roots	1225	10.310	58,672	5
University of Wisconsin - Madison	Fostering Resilience And Ecosystem Services In Landscapes By Integrating Diverse Perennial Circular Systems (Resilience	1225	10.310	36,072	
University of Wisconsin - Madison		1996			
	Cap)	1775	10.310	2,343	
University of Wisconsin - Madison	Targeting Environmental And Nutritional Factors In Early Life To Achieve Optimal Mammary Growth And Future Productivity	2901	10.310	2,488	
Utah State University	Improving Nutritional And Sensorial Properties Of Lipids Through Processing	13049501	10.310	(5,152)	
Virginia Polytechnic Institute and State University	Using A Microbiome Approach To Reducing The Resistome In Poultry Litter Amended Soils	42351519105	10.310	70,829	
West Virginia University Research Corporation	Mid-Atlantic Sustainable Biomass For Value-Added Products Consortium (Masbio)	20-182-UGA	10.310	68,406	
National Institute of Food and Agriculture			10.310 Total	7,322,678	6,9
Direct Awards			10.318 10.318 Total	1,773 1,773	
Capacity Building for Non-Land Grant Colleges of Agriculture (N	LGCA)				
Pass-Through from: Abraham Baldwin Agr College	Southwest Georgia Veterinary Medicine Candidate and Growth Capacity Building Program	NA	10.326	28,452	
National Food Cofety Training Education Extension Outcooch	and Taskaisel Assistance Compatible Create Drogram		10.326 Total	28,452	:
National Food Safety Training, Education, Extension, Outreach, a Direct Awards			10.328	106,839	10
			10.328	100,039	10
Pass-Through from:		0.05			
University of Florida	Southern Regional Center For Food Safety Training And Outreach, And Lead Regional Coordination Center	SUB00003013	10.328	2,399	
Auburn University	Developing an Engaging Produce Safety Add-On Training for Soilless Growing Operations	23ACES379874UGRF	10.328	7,896	
			10.328 Total	117,134	1
			· · · · ·	,	·
Crop Protection and Pest Management Competitive Grants Prog	ram				
Direct Awards			10.329	252,262	24
Pass-Through from:					
Auburn University	Epidemiology And Management Of Cotton Leafroll Dwarf Virus In The Southeast	20-EPP-205211-UGRF	10.329	30.573	
		2018320007			
North Carolina State University	Increasing Ipm Coordination, Efficiency, And Collaboration In The South		10.329	71,810	
North Carolina State University	Identifying Peach Volatiles For Use In Improving Plum Curculio Management	2018-3200-36	10.329	7,398	
North Carolina State University	IPM Working Group to Address Ambrosia Beetle Issues in Tree Fruit, Tree Nut and Nurseries in the Eastern and Southern US	2018320020	10.329	1,363	
North Carolina State University	Southern IPM Center: A Regional Approach to Networking, Collaboration and Services	2022275901	10.329	46,617	
Rutgers University	Leveraging Pest Behavior For Implementation Of Biological Control For Plum Curculio	763	10.329	6,212	
Michigan State University	Developing I excet-Pest Management Strategies In Water-Deficit Cotton Production Systems: Management Recommendations	100	10.020	0,212	
mongan outo onronny	For Production Sustainability	RC114200UGA	10.329 10.329 Total	2,302 418,537	4
Alfalfa and Forage Research Program			10.323 10181	410,007	
Direct Awards Pass-Through from:			10.330	275,529	26
	Overstilling - Desidentians - And Mindeling - The Effects - Of Manhinese - Tariffic - On - Alfrid - Violat And Frances - Overline	851K642	40.000	4.545	
University of Wisconsin - Madison	Quantifying, Predicting, And Modeling The Effects Of Machinery Traffic On Alfalfa Yield And Forage Quality		10.330	4,545	
University of Tennessee	Restoring Grasslands with the Addition of Alfalfa in an Effort to Sustainably Increase Alfalfa Production in the Southeast	9500085481	10.330 10.330 Total	106,825 386,899	30
Veterinary Services Grant Program Direct Awards			10.336	27,072	2
			10.336 Total	27,072	
Rural Community Development Initiative					
Direct Awards			10.446	113,534	
Direct Awards			10.446 10.446 Total	113,534 113,534	10 10
Direct Awards			10.446 Total	113,534	1
Direct Awards Cooperative Extension Service Direct Awards					
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from:			10.446 Total	113,534 156,715	11
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture	Farm Ranch and Stress Assistance Network-State Departments of Agriculture Grant: Georgia	NA	10.446 Total 10.500 10.500	113,534 156,715 119,835	1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from:	Farm Ranch and Stress Assistance Network-State Departments of Agriculture Grant: Georgia Military REACH: Mobilizing Research to Support Military Family Readiness	NA 22-HDFS-205235-UGRF	10.446 Total	113,534 156,715	1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University	Military REACH: Mobilizing Research to Support Military Family Readiness	22-HDFS-205235-UGRF	10.446 Total 10.500 10.500 10.500	113,534 156,715 119,835 42,663	1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium	22-HDFS-205235-UGRF NTAE20212169	10.446 Total 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629	1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation	Millary REACH: Mobilizing Research to Support Millary Family Readiness National Center for Home Food Preservation and Food Safety Consortium National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3)	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184	10.446 Total 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585	1 1: 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913	1 1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas Statle University Purdue University	Military REACH: Mohilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184	10.446 Total 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585	1 1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University	Miltary REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities in Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160	1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Kansas State University University University University of Arkansas	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems.	22-HDFS-205235-UGRF NTAE20212169 NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 25,052	1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University Purdue University	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160	1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Kansas State University University University University of Arkansas	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems.	22-HDFS-205235-UGRF NTAE20212169 NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 25,052	1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University University of Arkansas University of Missouri Virginia Polytechnic Institute and State University	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085	1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University University of Arkansas University of Missouri Virginia Polytechnic Institute and State University	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085 69,076 626,713 95,355	11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation Kanass State University Purdue University University of Missouri Virginia Podytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500	113,534 156,715 119,835 42,663 110,629 12,885 61,913 18,160 25,052 10,085 69,076 626,713	1 1 6
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Degariment of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University University of Arkansas University of Arkansas University of Missouri Virginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 Total 10.516 10.516 10.519 10.519	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085 69,076 626,713 95,355 95,355 95,355 172,629	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kanasa State University University of Arkansas University of Missouri Virginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants	Military REACH: Mohilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems: Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.506 10.506 10.506 10.506 10.506 10.506 10.516	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 22,5052 10,085 90,076 628,713 95,355 95,355	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation Extension Foundation University of Missouri University of Missouri Uriginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants	Military REACH: Mohilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities in Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDF-S-205235-UGRF NTAE20212169 NTAE20212164 A0009835090 F9001573902021 4774 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.516 10.516 Total 10.519 Total	113,534 119,835 42,663 110,629 12,885 61,913 18,160 25,052 10,085 69,076 628,713 95,355 95,355 95,355 172,629 172,629	1 1 1 1 1 1 1 6
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kanasa State University University of Arkansas University of Missouri Virginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants	Military REACH: Mohilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems: Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDFS-205235-UGRF NTAE20212169 NTAE20212184 A000983S090 F9001573902021 14724 C00067296-2	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 Total 10.516 10.516 10.519 10.519	113,534 156,715 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085 69,076 626,713 95,355 95,355 95,355 172,629	1 1 1 1 1 1 6
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation University of Missouri University of Arkansas University of Missouri Virginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Feltowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDF-S-205235-UGRF NTAE20212169 NTAE20212164 A0009835090 F9001573902021 4774 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 Total 10.516 10.519 Total 10.519 Total	113,534 119,635 42,663 110,629 12,565 61,913 18,160 25,052 10,085 69,076 626,713 95,355 95,355 95,355 172,629 172,629 172,629	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation Extension Foundation University of Missouri University of Missouri Uriginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants Pass-Through from: University of Temessee Supplemental Nutrition Assistance Program (SNAP) Employment	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Feltowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDF-S-205235-UGRF NTAE20212169 NTAE20212164 A0009835090 F9001573902021 4774 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 Total 10.516 10.519 Total 10.519 Total	113,534 119,635 42,663 110,629 12,565 61,913 18,160 25,052 10,085 69,076 626,713 95,355 95,355 95,355 172,629 172,629 172,629	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Kansas State University University of Arkansas University of Arkansas University of Missouri Virginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants Pass-Through from: University of Tennessee Supplemental Nutrition Assistance Program (SNAP) Employment	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Feltowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDF-S-205235-UGRF NTAE20212169 NTAE20212164 A0009835090 F9001573902021 4774 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.516 10.519 10.519 10.519 10.525 10.525 10.525 10.537	113,534 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085 69,076 626,713 95,355 95,355 172,629 172,629 172,629 348,332 348,332 50,171	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation Extension Foundation University of Arkansas University of Missouri Vrignia Polytechnic Institute and State University University of Missouri Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants Pass-Through from: University of Tennessee Supplemental Nutrition Assistance Program (SNAP) Employment GA Department of Human Services	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDF-S-20235-UGGF NTAE20212169 NTAE20212184 A0009835080 F9001573902021 14724 C00067296-2 32072619105	10.446 Total 10.500 10.516 10.516 10.519 10.515 10.525	113,534 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085 96,076 626,713 95,355 95,355 95,355 172,629 172,629 172,629 348,332	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation Extension Foundation University of Missouri Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants Pass-Through from: GA Department of Human Services Foreign Market Development Cooperator Program Pass-Through from:	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Feltowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach. Program Farm And Ranch Stress Assistance Network t and Training (E&T) Data and Technical Assistance Grants Georgia Department of Human Services, Division of Family and Children Services: Georgia SNAP Education & Training FY22	22:HDFS-20235-UGRF NTAE20212169 NTAE20212184 A0009835080 F901579302021 14724 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.516 10.519 10.519 10.519 10.525 10.525 10.525 10.537	113,534 119,835 42,663 110,629 12,265 12,265 10,085 60,076 626,713 95,355 95,355 95,355 172,629 172,629 172,629 348,332 348,332 50,171 50,171	11 1
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Kanaas State University University of Arkansas University of Arkansas University of Arkansas University of Missouri Virginia Polytechnic Institute and State University Rural Health and Safety Education Competitive Grants Program Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants Pass-Through from: University of Tennessee Supplemental Nutrition Assistance Program (SNAP) Employment Pass-Through from: GA Department of Human Services Foreign Market Development Cooperator Program	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Fellowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach.	22-HDF-S-20235-UGGF NTAE20212169 NTAE20212184 A0009835080 F9001573902021 14724 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.516 10.519 10.519 10.519 10.525 10.525 10.525 10.537	113,534 119,835 42,663 110,629 12,585 61,913 18,160 25,052 10,085 69,076 626,713 95,355 95,355 172,629 172,629 172,629 348,332 348,332 50,171	
Direct Awards Cooperative Extension Service Direct Awards Pass-Through from: GA Department of Agriculture Auburn University Extension Foundation Extension Foundation Extension Foundation Extension Foundation University of Missouri Direct Awards Equipment Grants Program (EGP) Direct Awards Farm and Ranch Stress Assistance Network Competitive Grants Pass-Through from: GA Department of Human Services Foreign Market Development Cooperator Program Pass-Through from:	Military REACH: Mobilizing Research to Support Military Family Readiness National Center for Home Food Preservation and Food Safety Consortium: Al Feltowship - Enhancing Electronic Extension (E3) 4-H Army Wounded Warrior Youth Camp Military-Extension Adventure Creating Economic Opportunities In Georgia Through Innovative Food Entrepreneurship To Build Sustainable And Equitable Food Systems. Georgia Healthy Housing: One Change, Many Impacts Recognizing and Sharing Excellence in Teaching: An Inclusive Approach. Program Farm And Ranch Stress Assistance Network t and Training (E&T) Data and Technical Assistance Grants Georgia Department of Human Services, Division of Family and Children Services: Georgia SNAP Education & Training FY22	22:HDFS-20235-UGRF NTAE20212169 NTAE20212184 A0009835080 F901579302021 14724 C00067296-2 32072619105	10.446 Total 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.500 10.516 10.516 10.519 Total 10.525 10.525 Total 10.537 10.537 Total 10.600	113,534 119,835 42,663 110,629 12,565 61,913 18,160 25,052 10,085 62,713 95,355 95,355 95,355 172,629 174,637 174,	

Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amount Provided Subrecipie
Forestry Research Direct Awards			10.652	28,003	26
Pass-Through from: Cradle of Forestry	Partnership In The Forest Service Natural Inquirer Program	NA	10.652	29.284	28
U.S. Endowment for Forestry and Communities, Inc.	Process Modeling And Technical Assessment Of Forest Biomass Based Integrated Torrefction And Densification (Itad)			., .	20
	Systems	E1671UGACAWES7B	10.652 10.652 Total	(82) 57,205	55,
Cooperative Forestry Assistance Direct Awards			10.664	80,213	80,
Pass-Through from: GA Forestry Commission	Connecting Urban Forestry with Physiology to Tackle Urban Tree Stress	NA	10.664	12,692	12,
National Fish and Wildlife Foundation South Carolina Forestry Commission	Development of a Planted Longleaf Pine Growth and Yield Model System for Cutover Sites in the Southeast US Studying Callery Pear To Inform Management Decisions	1903.20.070063 NA	10.664 10.664	168,815 15,200	161, 14,
			10.664 Total	276,920	268,
Rural Development, Forestry, and Communities Direct Awards			10.672 10.672 Total	9,523 9,523	9,5 9,5
Wood Utilization Assistance Direct Awards			10.674 10.674 Total	11,719 11,719	11, 11,
Urban and Community Ferentry Brogram			10.674 10(8)	11,719	1,
Urban and Community Forestry Program Direct Awards			10.675	84,044	79,
Pass-Through from: Ohio State University	A 21st Century Approach to Coping with Emerging Tree Diseases in Urban Forests	SPC-1000003916 GR115768	10.675 10.675 Total	(2)	79,8
Forest Health Protection Direct Awards			10.680	296,128	285,3
Pass-Through from:					
The Nature Conservancy University of New Hampshire	Healthy Trees, Healthy Cities App and Dashboard Maintenance Risk Assessment Of Non-Target Effects Of Systemically Injected Emamectin Benzoate On Soil Arthropod Communities In	UGAHTHCTNC2022	10.680	19,986	18,9
	Association With The Emerald Ash Borer	L0155	10.680 10.680 Total	7,308 323,422	6,9 311,2
National Fish and Wildlife Foundaiton Pass-Through from:					
National Fish and Wildlife Foundation	Nature-Based Restoration of Conasauga River Shoals	1906.22.073687	10.683 10.683 Total	31,657 31,657	30,2 30,2
State & Private Forestry Cooperative Fire Assistance					
Pass-Through from: Colorado State University	Understanding Shared Stewardship Approaches For Us Forest Management	G-91388-01	10.698	22,466	20,
Partnership Agreements			10.698 Total	22,466	20,
Direct Awards Pass-Through from:			10.699	316,798	313,
Cradle of Forestry The Nature Conservancy	Continued Partnership in the Forest Service Natural Inquirer (NI) Program The Nature Conservancy: Foothills Landscape Project	NA GABU10192022	10.699 10.699	22,482 14,906	21,9 14,2
The Nature Conservancy	He alute Conservancy. Foolinis Landscape Fright Healthy Trees, Healthy Cities (App And Dashboard)	UGAHTHCMARCH2021	10.699 10.699 10.699 Total	5,982	5,6
COVID-19: Research Joint Venture and Cost Reimbursable Agreement Direct Awards	S		10.707	29,416	29,4
Research Joint Venture and Cost Reimbursable Agreements Direct Awards			10.707	238,102	238,1
Pass-Through from: University of California, Riverside	Origin Of The Innete Supersonian Caused Bu Nairevisus' Destance Astivity	S-001517	10.707	50,741	230, 47,0
University of California, Riverside University of Kentucky	Origin Of The Innate Suppression Caused By Nairovirus' Protease Activity Transformation Of White And Green Ash With Rnai Constructs For Emerald Ash Borer Resistance Year 2	320000283821005	10.707 10.707 10.707 Total	34,921 353,180	34,9 349,4
Norman E. Borlaug International Agricultural Science and Technology Direct Awards	Fellowship		10.777	77,885	76,
			10.777 Total	77,885	76,
Distance Learning and Telemedicine Loans and Grants Direct Awards			10.855 10.855 Total	30,935 30,935	30,9 30 ,9
Rural Development Cooperative Agreement Program Direct Awards			10.890	54,449	51,
Soil and Water Conservation			10.890 Total	54,449	51,
Direct Awards Pass-Through from:			10.902	307,839	301,
Ichauway Inc Brier Creek Conservation District	Providing Support For The Ceap-Grazing Land Project Variable Rate Irrigation Infrastructure To Support Educational Outreach and Extension Water Conservation Projects in	UGASPEG01	10.902	32,449	32,
	Southeast Georgia	NR194310XXXXC020	10.902	40,288	40,2
Longleaf Alliance Longleaf Alliance	LLA Project 1 - Natural Resource Conservation Service Conserving Longleaf Forests, Wildlife Habitat, and Water Resources through Collaboration and Restoration	02.2023.00.00 04.2023.01.00	10.902 10.902	11,469 2,159	10,1
Soil Survey			10.902 Total	394,204	387,
Pass-Through from: North Carolina State University	Quantitative Tools For Developing Ecological Sites I	2019-0725-02	10.903 10.903 Total	3,995 3,995	3,
Environmental Quality Incentives Program					
Direct Awards Pass-Through from:			10.912	293,446	284,
Woodard & Curran, Inc. North Carolina State University	Building Pollinator Habitat For Southeast Blueberry Growers Real-Time Farmer Learning On Benefits Of Cover Crops For Managing Soil Health, And Water And Nutrients Dynamics	233180 2021-1033-02	10.912 10.912	77,811 79,102	76, 79,
University of Florida	Enhancing The Irrigation Management In Vegetable Farms In Southeast Us By Developing Root Zone Soil Moisture Maps In Both High Spatial And High Temporal Resolutions	SUB00002647	10.912 10.912 Total	51,508 501,867	51,5 491,0
			10.934	184,218	173,
Feral Swine Eradication and Control Pilot Program Direct Awards Pass-Through from:					
Direct Awards Pass-Through from: Flint River Soil and Water Conservation District	Georgia Albany Feral Swine Control Pilot Project (Fwcpp) Southwest Georgia Internated Feral Swine Control Pilot Project	NA NR204310XXXXG001	10.934	90,923 17 988	
Direct Awards Pass-Through from:	Southwest Georgia Integrated Feral Swine Control Pilot Project Assessment Of Changes In Population Size, Agricultural Damage, And Environmental Impacts Of Wild Pigs In Response To	NR204310XXXXG001	10.934	17,988	86,8 16,6
Pass-Through from: Flint River Soil and Water Conservation District Flint River Soil and Water Conservation District	Southwest Georgia Integrated Feral Swine Control Pilot Project				

er/ cy	Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amount Provided to Subrecipient
Direct Award				10.999	33,602	33,6
University	n for Food and Agriculture Research of Arizona	Wallace - Hamessing Endophytes To Improve Crop Efficiency And Production When The E. Coli Hits The Fan! Evaluating The Risks Of Dust Associated Produce Cross-Contamination.	593608 601225	10.999 10.999	34,258 31,597	33,5 31,2
	of Kentucky of Wisconsin - River Falls	The Impact Of Nutrition Assistance Programs On Food Insecurity, Food Acquisition, And Health Outcomes Among Older Adults Financial Feasibility and Environmental Implications of Adopting Automatic Milking Systems by Dairy Farms in Wisconsin and	320000218519244	10.999	8,447	7,9
onitoiony		Minnesota	H009987614	10.999 10.999 Total	3,603 111,507	3,5 109,8
			DEPARTMENT OF AGRIC	ULTURE Total	28,850,082	27,894,99
ARTMENT OF COM NOAA Mission- Pass-Throug	Related Education Awards					
	n from: rican Assn Environmental Ed	See (Social, Economic, Ecological) Aquaculture Enhancing Marine Aquaculture Awareness Through Outreach Education	NA18SEC0080002	11.008 11.008 Total	12,397 12,397	12,15 12,15
Ocean Explorat Direct Award	is			11.011	146,152	146,1
Pass-Throug GA Depart	jh from: tment of Natural Resources	Black Gill In The Southeast Shrimp Fishery	AGREEMENT	11.011 11.011 Total	4,500 150,652	3,5
	an Observing System (IOOS)			II.0II IOtal	150,052	143,0
Pass-Throug University	n from: of Puerto Rico at Mayagüez	Mapping Compound Inundation Along Puerto Rico's Coastal Watersheds: A Practical Approach	2023-2024-001	11.012	25,210	23,6
The South	east Coastal Ocean Observing Regional Association	2021-2026 SECOORA IOOS: Regional Glider Observatory	IOOS.21(097)UGA.CE.GLD.1	11.012	(3,770)	(3,4
	east Coastal Ocean Observing Regional Association east Coastal Ocean Observing Regional Association	Secoora - Partnering To Meet The Needs Of Coastal Communities For Actionable Information To Protect Lives And Property Establishing A Monitoring Program And Identifying Environmental Drivers Of Ephemeral Harmful Algal Blooms In A Model	IOOS.21(097)UGA.CE.HFR.1	11.012	16,361	16,0
		Estuary Of Coastal Ga	IOOS.21(097)UGA.NC.HABS.2	11.012	18,680	17,30
The South	east Coastal Ocean Observing Regional Association	Southeast Coastal Ocean Observing Regional Association (Secoora): Delivering Actionable Coastal And Ocean Information From High-Quality Science And Observations For The Southeast	IOOS.21(097)UGA.SN.OA.1	11.012	41,668	39,79
	east Coastal Ocean Observing Regional Association	Navy Glider Operations in the Southeast Atlantic	IOOS.21(097)UGACENAVYGLD1	11.012	21,735	20,1
	east Coastal Ocean Observing Regional Association	SECOORA	IOOS16028UGASKIOCE	11.012	(527)	(4
	east Coastal Ocean Observing Regional Association east Coastal Ocean Observing Regional Association	SECOORA Southeast Water Level Network Accelerating Improvements in Hurricane Intensity Forecasting Through Underwater Glider Field Campaigns	IOOS21097UGAGASGRODS2 IOOS22178UGACEHURGLD1	11.012 11.012	4,470 4,205	4,1 3.8
The obtain	Cost occura occur oboci ving regional / boccuran	· · · · · · · · · · · · · · · · · · ·		11.012 Total	128,032	121,0
Pass-Throug					10.005	
Russeii In	novation Center for Entrepreneurs	Development of a Launch Pad AI Mobile Studio	NA	11.307 11.022 Total	19,935 19,935	18,4 18,4
COVID-19: Sea Direct Award				11.417	110,892	105,2
Sea Grant Supp Direct Award	is			11.417	2,015,686	1,942,8
Pass-Throug Missission	gh from: i State University	Sea Grant Reef Fish Extension Program	1590134059407	11.417	5,779	5,4
South Car	olina Sea Grant Consortium, Inc.	Building A Regional Network To Study The Influence Of Climate Change On Contaminants Of Emerging Concern	2020-1366-03	11.417	1,274	1,1
Texas A& University	M University Corpus Christi	Influence Of Saharan Dust Deposition On The Growth Of Harmful Marine Bacteria And Algae In Texas Coastal Waters University Of Florida: Subaward To Uga For The National Sea Grant Law Program	M2201616 SUB00002713	11.417 11.417	40,676 (47)	38,8
	lanagement Administration Awards			11.417 Total	2,174,260	2,093,53
Pass-Throug City of Bru		Rethinking Runoff Plans	201117	11.419	3,864	3,7
	of South Carolina	Incorporating Environmental Variability Into Ecosystem-Based Management For Penaeid Shrimp In The Southeast U.S.	224708	11.419	8,029	7,4
GA Depart	tment of Natural Resources	Various Projects	NA	11.419 11.419 Total	469,105 480,998	445,2 456,4
Fisheries Devel Direct Award	lopment and Utilization Research and Development Grant Is	is and Cooperative Agreements Program		11.427	70,280	65,2
Pass-Throug			110 1000 101			
Oyster So	1th	Know Thy Oyster	UGA202101	11.427 11.427 Total	12,403 82,683	11,5 76,7
Direct Award				11.431	98,774	92,3
Pass-Throug North Card	n from: blina State University	Wastewater Infrastructure Tipping Points: Prioritizing Implementation of Climate Adaptation Plans in Decentralized Systems	2019128002	11.431	5,200	4,9
Weather and Ai	r Quality Research			11.431 Total	103,974	97,3
Direct Award				11.459 11.459 Total	248,544 248,544	234,7 234,7
Unallied Scienc Pass-Throug						
	tment of Natural Resources	Population Assessment of the Northern Recovery Unit of Loggerhead Turtles (Caretta Caretta) Using Genetic Mark-Recapture,				
		Including the Implementation of High Priority Recovery Actions-Phase III	NA	11.472 11.472 Total	437,479 437,479	423,30 423,30
Office for Coas	tal Management					
Pass-Throug	gh from:					
City of Tyb	ee Island	City Of Tybee Island Coastal Marsh And Community Resilience Adaptation (Ga)	AWD00011961	11.473 11.473 Total	3,646 3,646	2,8 2,8
Fisheries Disas						
Pass-Throug GA Depart	gh from: tment of Natural Resources	Part One: Vessels and Railways-Assessing Commercial Fishing Infrastructure in Coastal Georgia	NA	11.477 11.477 Total	5,960 5,960	5,5 5,5
	nsored Coastal Ocean Research Coastal Ocean Program				· · ·	
Direct Award Pass-Throug			BO 0000	11.478	135,948	129,3
	state University of North Carolina Wilmington	Eesir 2019: Integrated Modeling Of The Effects Of Sea Level Rise Across Estuaries, Marshes And Barrier Islands Evaluating Risk Of Tidal Marsh Inundation And Monetizing Services To Prioritize Management Actions	PO-0000156522 58570C220307UGAINT	11.478 11.478 11.478 Total	28,244 3,556 167,748	26,4 3,3 159,2
	for Interdisciplinary Research Infrastructure					
Pass-Throug		Azadi Niimhi - Do 5.1 - August 2021	PC54004	11 610	47 044	47.0
Pass-Throug University		Azadi - Niimbl - Pc 5.1 - August 2021 Advanced Personal Protective Fabrics	PC51004 23-0030	11.619 11.619	17,314 39,810	
Pass-Throug University Advanced	Jh from: of Delaware					17,31 38,02 218,21 273,55

YEAR ENDED JUNE 30, 2023

	Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Provide Subrecip
Department of Commerce (Other Financial Assistance					
Direct Awards Pass-Through from:				11.999	317,896	3
	abrics of America (AFFOA)	Enabling Manufacturing Automation, Supply Chain Diversification and Addressing the Environmental Impact of PPE (RACER - MASCEI)	PO 1014	11.999	72,547	
				11.999 Total	390,443	3
			DEPARTMENT OF CC	MMERCE Total	4,698,840	4,4
RTMENT OF DEFENSE						
Collaborative research and Pass-Through from:	d Development					
University of Michigan		NCAA-DOD Grand Alliance: Concussion Assessment, Research And Education (Care) Consortium	3003179759	12.114	1,311	
Nano Terra, Inc.		Durable Flame Retardant Nonwoven Fabrics For Widespread Use In Combat Uniforms	STTRW911QY16P0270	12.114 12.114 Total	932 2,243	
Basic and Applied Scientifi Direct Awards	ic Research			12.300	147,995	
Pass-Through from:						
University of California/ University of North Care		One-Dimensional Quantum Materials Forecasting Coastal Impacts From Tropical Cyclones Along The Us East And Gulf Coasts Using The Adcirc Prediction System	S-001465 Pend 4/6/2022	12.300 12.300	58,451 54,007	
				12.300 Total	260,453	
Pass-Through from:	bating Weapons of Mass Destruction					
Institute of International	I Education, Inc.	UGA Project GO 2022	PGO1801UGA33	12.357 12.357 Total	382,319 382,319	
Military Medical Research	and Development					
Direct Awards Pass-Through from:				12.420	765,872	
Geneva Foundation		Heparin-Free Extracorporeal Life Support For Point-Of-Need Treatment Of Single And Multiorgan Failure	S1106501 W81XWH1810106	12.420	169,410	
lowa State University University of Arkansas/	/Fayetteville	Novel Exosome-Based Biomarker Discovery for Metal Mixture Exposure, Relevance to PD Patient-Specific Human Induced Pluripotent Stem Cells For Mitochondrial Diseases	SA1711151	12.420 12.420	80,681 358	
University of Minnesota		Regenerative Rehabilitation Solutions To Improve Functional Limitations And Plasticity Following Volumetric Muscle Loss	W81XWH2010885	12.420	116,548 1,132,869	1
Basic Scientific Research					.,	
Direct Awards Pass-Through from:				12.431	270,312	
University of Texas at A		Molecular mechanisms of endosymbiont evolution Army DAC Limbralla project: Testing & Evaluation for Soldier Device Teaming Compatibility, Vulnerability, and Durability in	UTAUSSUB00000728	12.431	109,069	
Northeastern University		Army DAC Umbrella project: Testing & Evaluation for Soldier-Device Teaming Compatibility, Vulnerability, and Durability in Emergent Situations Testing & Evaluation for Soldier-Device Teaming Compatibility, Vulnerability, and Durability in Emergent Situations (CLIN	55508078051	12.431	656,533	
Northeastern University	y	Testing & Evaluation for Soldier-Device Tearning Compatibility, vulnerability, and Durability in Emergent Situations (CLIN Tasks)	555092-78054	12.431 12.431 Total	79,064 1,114,978	1
Direct Awards	ced Research in Science and Engineering			12.630	3,344,065	3.
Pass-Through from:						
Northwestern University	у	Continual and Robust Terrain Awareness through Advanced Fusion and Analytics on Multi-Modal and Multi-Sensor Data				
Northwestern University		Continual and Robust Terrain Awareness through Advanced Fusion and Analytics on Multi-Modal and Multi-Sensor Data Streams The Signatures Of Success In Human-Agent Teams	555089-78052 60053553GEOR	12.630 12.630	281,530 12,594	
		Streams				
Northwestern University Rice University	y	Streams The Signatures Of Success In Human-Agent Teams	60053553GEOR	12.630 12.630	12,594 (884)	
Northwestern University Rice University	y	Streams The Signatures Of Success In Human-Agent Teams	60053553GEOR	12.630 12.630 12.630 Total	12,594 (884) 3,637,305 22,787	
Northwestern University Rice University Legacy Resource Managen Pass-Through from: Longleaf Alliance Inc	у ment Program	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research	60053553GEOR R1A601	12.630 12.630 12.630 Total	12,594 (884) 3,637,305	
Northwestern University Rice University Legacy Resource Managen Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from:	y ment Program rsity Medical Research Projects	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest	60053553GEOR R1A601 32.2019.05.00	12.630 12.630 12.630 Total 12.632 12.632 Total	12,594 (884) 3,637,305 22,787 22,787	3
Northwestern University Rice University Legacy Resource Managen Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer	y ment Program rsity Medical Research Projects	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research	60053553GEOR R1A601	12.630 12.630 12.630 Total	12,594 (884) 3,637,305 22,787	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc	y ment Program rsity Medical Research Projects ndation	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest	60053553GEOR R1A601 32.2019.05.00	12.630 12.630	12,594 (884) 3,637,305 22,787 22,787 126,840 126,840	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards	y ment Program rsity Medical Research Projects ndation	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest	60053553GEOR R1A601 32.2019.05.00	12.630	12,594 (884) 3,637,305 22,787 22,787 126,840	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Jirect Awards Pass-Through from: BioMADE	y ment Program rsity Medical Research Projects ndation	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best)	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800	12,594 (884) 3,637,305 22,787 22,787 126,840 126,840 280,636 94,859	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE	y ment Program rsity Medical Research Projects ndation	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.750 Total 12.750 Total 12.800 12.800 12.800	12,594 (884) 3,637,305 22,787 22,787 22,787 126,840 126,840 280,636 94,859 129	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University	y ment Program rsity Medical Research Projects ndation	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best)	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800	12,594 (884) 3,637,305 22,787 22,787 126,840 126,840 280,636 94,859	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE	y ment Program rsity Medical Research Projects ndation	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800	12,504 (884) 3,637,305 22,787 22,787 22,787 126,840 126,840 280,636 280,636 94,859 129 (1) 375,623 86,301	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards	y ment Program rsity Medical Research Projects Indation th Sciences Program	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080	12.630 12.630 Total 12.632 Total 12.750 Total 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.630 12.632 Total 12.632 12.632 Total 12.632 Total 12.630 Total 13.630 Total 13.630 Total 13.630 Total 13.630 Total 13.630 Total 14.630 Total 15.630 Total 15.630 Total 15.650 Total 15.650 Total 15.650 Total 15.650 Total 15.650 Total 15.650 Tot	12,594 (884) 3,637,305 22,787 22,787 126,840 126,840 126,840 280,636 94,859 129 (1) 375,623	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program	y ment Program rsity Medical Research Projects Indation th Sciences Program	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800	12,504 (884) 3,637,305 22,787 22,787 22,787 126,840 126,840 280,636 280,636 94,859 129 (1) 375,623 86,301	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards Mathematical Sciences Gra	y ment Program rsity Medical Research Projects Indation th Sciences Program	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 Total 12.800 12.800 12.800 Total 12.800 12.800 Total 12.900 Total 12.900 Total 12.900 Total	12,504 (884) 3,637,305 22,787 22,787 22,787 125,840 126,840 280,636 94,859 1(9) (1) 375,622 86,301 86,301 (4,832)	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards	y ment Program rsity Medical Research Projects indation th Sciences Program	Streams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.900 12.900 12.900 12.900 12.901 12.901 12.901 12.901 12.901 12.901 12.901 12.901	12,504 (884) 3,637,305 22,787 22,787 126,840 126,840 280,636 94,859 129 (1) 375,623 86,301 (4,832) (4,832) (4,832)	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards Mathematical Sciences Gra Direct Awards Research and Technology Pass-Through from:	y ment Program rsity Medical Research Projects indation th Sciences Program	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense Probing Nanoscale Fundamental Interactions Of Electrons And Quasiparticles From Optical To Terahertz Frequencies	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-QS2-A-02-0080 NA	12.630 12.630 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.800 12.800 12.900 Total 12.900 12.900 Total 12.901 Total	12,504 (864) 3,637,305 22,787 22,787 126,840 280,636 280,636 94,859 (1) 375,623 86,301 86,301 (4,832) (4,832)	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards Mathematical Sciences Gra Direct Awards Research and Technology Pass-Through from:	y ment Program rsity Medical Research Projects Indation th Sciences Program	Streams The Signatures Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswadense Probing Nanoscale Fundamental Interactions Of Electrons And Quasiparticles From Optical To Terahertz Frequencies	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-QS2-A-02-0080 NA	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.900 12.900 12.900 12.900 12.901 12.901 12.901 12.901 12.901 12.901 12.901 12.901	12,504 (884) 3,637,305 22,787 22,787 126,840 126,840 280,636 94,859 129 (1) 375,623 86,301 (4,832) (4,832) (4,832)	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards Mathematical Sciences Gra Direct Awards Research and Technology Pass-Through from: GA Institute of Technol Department of Defense Oth Direct Awards	y ment Program rsity Medical Research Projects indiation th Sciences Program ants Development logy	Steams The Signatures Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetospirillum Gryphiswidense Probing Nanoscale Fundamental Interactions Of Electrons And Quasiparticles From Optical To Terahertz Frequencies Thirm - Thwarting Influenza With Rna-Powered Modulators	e0053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-G52-A-02-0080 NA	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.900 12.900 12.901 12.902 12.901	12,504 (884) 3,637,305 22,787 22,787 22,787 126,840 126,840 280,636 94,859 129 (1) 375,623 86,301 (4,832) (4,832) 376,027 376,027 376,027	3
Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards BioMADE GA State University Language Grant Program Direct Awards Research and Technology Pass-Through from: GA Institute of Technol Department of Defense Oth Direct Awards	y ment Program rsity Medical Research Projects ndation th Sciences Program ants Development logy ther Financial Assistance ersity System of GA h Corp	Steams The Signature Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetospirillum Gryphiswadense Probing Nancecale Fundamental Interactions Of Electrons And Quasiparticles From Optical To Terahertz Frequencies Thirm - Triwarting Influenza With Rna-Powered Modulators Subaward GATech - Gnomon: A Dynamic IP Intelligence Framework for Botnet Remediation (TA1) Antityther: A Novel Framework to Assess, Statistically Model and Evade Cyber Attack Infrastructure	60053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-QS2-A-02-0080 NA	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.901 12.910	12,594 (884) 3,637,305 22,787 22,787 22,787 126,840 126,840 280,636 280,636 280,636 128,840 (4,852) (4,832) (4,832) (4,832) 376,027	3
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Northwestern University Rice University Legacy Resource Manager Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BioMADE GA State University Language Grant Program Direct Awards Mathematical Sciences Gra Direct Awards Research and Technology Pass-Through from: GA Institute of Technol Dipert Awards Pass-Through from: Board of Regents/Univ Georgia Tech Researd Calorado State University	y ment Program rsity Medical Research Projects ndation th Sciences Program ants Development logy ter Financial Assistance ersity System of GA h Corp ity	Steams The Signature Of Success In Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bioreactor Education Setup & Training (Best) Production of Magnetospirillum Gryphiswaldense Probing Nanoscale Fundamental Interactions Of Electrons And Quasiparticles From Optical To Terahertz Frequencies Thirm - Thwarting Influenza With Rna-Powered Modulators Thirm - Thwarting Influenza With Rna-Powered Modulators Subaward GATech - Gnomon: A Dynamic IP Intelligence Framework for Botnet Remediation (TA1) Antitythers: A Novel Framework to Assess, Statistically Model and Evade Cyber Attack Infrastructure Characterizing multiscale feedbacks between forest structure, fire behavior and effects: Integrating measurements and mechanistic modeling for Imported Mestadured Studen cross Testing & Evaluation for Soldier-Device Teaming Compatibility, Vulnerability, and Durability for Emergraf Studence) (DD Taks)	e0053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-052-A-02-0080 NA AWD-102840-G1 NA NA S-27001-02 555093-78053	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 12.750 Total 12.800 12.800 12.800 12.800 12.800 12.900 12.900 12.900 12.901 12.901 12.901 12.901 12.901 12.901 12.901 12.901 12.901 12.901 12.909 12.999 12.999 12.999 12.999 12.999 12.999	12,504 (884) 3,637,305 22,787 22,787 126,840 126,840 280,636 94,859 129 (1) 375,623 86,301 86,301 (4,832) (4,832) 376,027 376,027 376,027 963,152 112,007 2,493 22,646 27,267	3
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Northwestern University Rice University Pass-Through from: Longleaf Alliance Inc Uniformed Services Univer Pass-Through from: Henry M. Jackson Four Air Force Defense Researc Direct Awards Pass-Through from: BidMADE BidMADE GA State University Language Grant Program Direct Awards Mathematical Sciences Gra Direct Awards Research and Technology Pass-Through from: GA Institute of Technol Direct Awards Pass-Through from: Board of Regents/Univ Georgia Tech Researd Cicidrad State University Strategic Environmenta	y ment Program rsity Medical Research Projects ndation th Sciences Program ants Development logy ther Financial Assistance ersity System of GA h Corp ty y	Steams The Signature Of Success in Human-Agent Teams Next Generation Teams Research Gopher Frogs And Wetlands Of The Longleaf Forest Gopher Frogs And Wetlands Of The Longleaf Forest Post-Concussion Neuromuscular Function And Musculosk Bicreactor Education Setup & Training (Best) Production of Magnetosprillum Gryphiswaldense Probing Nanoscale Fundamental Interactions Of Electrons And Quasiparticles From Optical To Terahertz Frequencies Thirm - Thwarting Influenza With Rna-Powered Modulators Subaward GATech - Gnomon: A Dynamic IP Intelligence Framework for Botnet Remediation (TA1) Antitythera: A Novel Framework to Assess, Statistically Model and Evade Cyber Attack Infrastructure Characterizing multiscale feedbacks between forces structure, for behavior and directs: Integrating measurements and mechanistic modeling for improved understanding of pattern and process Testing & Evaluation for Schladich Device Team (Concentrated Wastewater Resulting from Separation and Concentrated Wastewater Resulting from Separation and Concentration Technologies	e0053553GEOR R1A601 32.2019.05.00 5751 E-PC01-A-06-0080 T-QS2-A-02-0080 NA AWD-102840-G1 NA AWD-102840-G1 NA SG-27001-02 555092-78053 W912HQ23C0018	12.630 12.630 Total 12.632 Total 12.632 Total 12.632 Total 12.750 Total 12.800 12.800 12.800 Total 12.800 12.800 Total 12.900 Total 12.901 Total 12.910 12.910 Total 12.910 Total 13.910 Total 13.9	12,504 (884) 3,637,305 22,787 22,787 126,840 280,036 94,859 (1) 375,622 86,301 (4,832) (4,832) (4,832) 376,027	3
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DEPARTMENT OF DEFENSE Total 8,672,575 8,257,028

Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amount Provided t Subrecipier
RTMENT OF HOUSING AND URBAN DEVELOPMENT Research and Evaluations, Demonstrations, and Data Analysis and	Utilization				
Direct Awards			14.536 14.536 Total	91,414 91,414	88 88
	DEPARTMENT OF	HOUSING AND URBAN DEVI	ELOPMENT Total	91,414	88
RTMENT OF THE INTERIOR					
Fish, Wildlife and Plant Conservation Resource Management Pass-Through from:					
University of California/Davis	Award - Nfwf: Head-Starting Tortoises And Raven Predation Pressure On Tortoise Recruitment	A204249S001	15.231 15.231 Total	(1,769)	(1
			10.201 10tdl	(1,100)	(.
National Landscape Conservation System Direct Awards			15.248	1,528	1
Pass-Through from: University of California/Davis	Bim: Size-Dependent Survival And The Impact Of Ravens On Head-Started Desert Tortoises	A211429S001A01	15.248	43,854	42
			15.248 Total	45,382	43
Wildlife Restoration and Basic Hunter Education					
Pass-Through from: University of Nebraska-Lincoln	Evaluating Wild Turkey Reproductive and Spatial Ecology in Nebraska	26-6238-6001-662	15.611	3,569	:
State Of Oklahoma	Northern Bobwhite Population Health Monitoring in Oklahoma	F19AF00287 W204R1	15.611	(1,309)	(
State of Indiana State of Indiana	Effects of Harvest and Habitat Condition on Northern Bobwhite Efficacy of Song Meters for Statewide Grassland Bird Population Monitoring	39843 48665	15.611 15.611	182,368 141,962	17 13
GA Department of Natural Resources	Test: Incorporating Structured Decision Making And Alternative Sources Of Data Into Management Of White-Tailed Deer In				
GA Department of Natural Resources	Georgia Temporary Immobilization Of White-Tailed Deer	NA NA	15.611 15.611	12,261 24,732	1
GA Department of Natural Resources	Wild Turkey Ecology In The Georgia Piedmont, Phase 2	NA	15.611	277,197	26
GA Department of Natural Resources	Determining Hunting Lease Rates In Georgia	NA	15.611	11,878	1
GA Department of Natural Resources GA Department of Natural Resources	Customized Deer Management for Residential Communities GA DNR Contract for CWD testing	NA NA	15.611 15.611	35,725 14,125	3
GA Department of Natural Resources	Precision Habitat and Disturbance Management for Northern Bobwhites	NA	15.611	268,557	26
GA Department of Natural Resources	Evaluation of camera trapping methods for tracking trends in terrestrial and semi-aquatic carnivore populations	NA	15.611	180,580	17
GA Department of Natural Resources GA Department of Natural Resources	2024 Coastal Plain wading bird Survey Cesu: Implications Of Mid-Rotation Pine Plantation Treatment For Wildlife Habitat And Stand Profitability	NA NA	15.611 15.611	9,297 83,560	8
GA Department of Natural Resources	Survival, Cause-Specific Mortality, And Spatial Ecology Of White-Tailed Deer In North Georgia	NA	15.611	16,394	1
			15.611 Total	1,260,896	1,22
		FISH & WILDLIFE	CLUSTER Total	1,304,509	1,26
Cooperative Endangered Species Conservation Fund Pass-Through from:					
GA Department of Natural Resources	Assessing Persistence Of Federally Listed Species In The Etowah River System	NA	15.615	5,031	
GA Department of Natural Resources GA Department of Natural Resources	Assessing Status Of Aquatic Species In The Conasauga River System Assessing Persistence Of Federally Listed Species Of Fishes And Baseline Ecological Conditions In The Upper Etowah River	NA	15.615	17,567	1
GA Department of Natural Resources	System	NA	15.615	12,418	1
			15.615 Total	35,016	3:
Multistate Conservation Grant Direct Awards			15.628	35,506	3
Pass-Through from:					
American Fisheries Society	Creating a Digital Repository of Calcified Structures from Known-Age Fishes	F23AP00490-00	15.628 15.628 Total	30,993 66,499	2
Coastal Pass-Through from:					
Longleaf Alliance Inc	Ace Basis Longleaf Ecosystem Restoration Partnership (Sc) (1903.20.067499) For Collection, Rearing And Release Of 75-100				
Landard Alliance las	Gopher Tortoises Collected From Eggs In The Summer Of 2021 And/Or 2022 At-Risk, Threatened and Endangered Species Habitat Restoration and optimizing headstarting efforts for gopher frog	03.2020.00.00	15.630	(1,245)	(
Longleaf Alliance Inc	(Lithobates capito)	21.2022.00.00	15.630	2,281	
Longleaf Alliance Inc	Restoring and Enhancing Longleaf Pine and Associated Wetland Habitat for At-Risk Species - Gopher Frog Recovery	32.2019.03.00	15.630 15.630 Total	5,552 6,588	
State Wildlife Grants			-		
Pass-Through from:					
GA Department of Natural Resources	Basin-Wide Planning For Bartram's Redeye Bass In The Savannah River	NA	15.634	7,265	
GA Department of Natural Resources GA Department of Natural Resources	Multistate Habitat and Population Restoration of Gopher Frogs in Alabama, Georgia, North Carolina and South Carolina Evaluating The Ecological Impacts Of Invasive Joro Spiders On Native Species	NA NA	15.634 15.634	73,804 32,682	7
			15.634 Total	113,751	11
National Wildlife Refuge System Enhancements					
Direct Awards			15.654 15.654 Total	96,880 96,880	9
Migratory Bird Monitoring, Assessment and Conservation					
Direct Awards			15.655	18,310	1
Pass-Through from: Utah Dept of Natural Resources	Effects Of Pinon-Juniper Woodland Treatments On The Pinyon Jay	221705	15.655	64.513	6
Gran Dept of Natural NESULICES	Encode of Entompole in cooliente Freedonichts Off Fill Off Jay	221703	15.655 Total	64,513 82,823	8
Endangered Species Recovery Implementation					
Direct Awards			15.657 15.657 Total	31,518 31,518	3
Candidate Species Conservation				<u> </u>	
Pass-Through from:					
Longleaf Alliance Inc	Ecological Wetland Restoration For At-Risk And Listed Species	32.2019.06.00	15.660 15.660 Total	82,942 82,942	8
NFWF-USFWS Conservation Partnership				02,042	
Pass-Through from:					
Clemson University	Recovering The Northern Bobwhite	23862052025182	15.663	(5,070)	(•
			15.663 Total	(5,070)	(*
Fish and Wildlife Coordination and Assistance Direct Awards			15.664	83,781	8
Diroci Awalus			15.664 15.664 Total	83,781 83,781	8
Adaptive Science					
Direct Awards			15.670 15.670 Total	4,995 4,995	
Connerative Econometers Studies 11-11-				4,000	
Cooperative Ecosystem Studies Units Direct Awards			15.678	113,593	10
			15.678 Total	113,593	109
Mexican Wolf Recovery					
Direct Awards			15.680 15.680 Total	30,253 30,253	29

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Operation	Assistance to State Water R						
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A. Sour J Energy multiple of the part	GA Institute of Technolo	ду	Assessing Dissolved Oxygen Concentrations in the Conasauga River	NA	15.805	4,345	4,34
Jampe 1 Jampe 2							
Note with with with with with with with with	GA Institute of Technolo	a,	The 2023 Biennial Georgia Water Resources Conterence	NA			
Automation in the second control of		earch and Data Collection					
Name of the second of		5			_		
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Section $\frac{11}{123}$ $\frac{12}{123}$ $$	University of Massachus	etts		22016275B00			
Build with the series High Term Ease High Term	Native American Graves Pro	stection and Repatriation Act			-		
Answer	Direct Awards						
Constraint of large house is basined by basine for the state of the state is basined with the state is basined with the state of the state is basined with the state is basined	Save America's Treasures				15.922 Total	27,061	20,00
Disc. Support Use of the second	Direct Awards						
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Price Stands Encogenitaria Encogenitaria Encogenitaria Encogenitaria Encogenitaria Encodenitaria Encodenitaria <thencodenitaria< th=""> <thencodenitaria< t<="" td=""><td>Kansas State University</td><td></td><td>CESU Visitor Use Observational Research at Fort Sumter and Fort Moultrie National Historical Park</td><td>A230215S001</td><td></td><td></td><td></td></thencodenitaria<></thencodenitaria<>	Kansas State University		CESU Visitor Use Observational Research at Fort Sumter and Fort Moultrie National Historical Park	A230215S001			
CA Department of Names Resource Georgenic Information Systems And Computer Modeling 400001 100007 11.35 / 10.0007 00.000 00.000 Department of Names Resource 100000 10		istoric Preservation Fund					
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OWE Reach and Evaluation regions $\frac{1000}{10000000000000000000000000000000$				DEPARTMENT OF TH	E INTERIOR Total	2,325,543	2,265,01
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Orimal Justice Contraining Council Orimal Justice Contraining Council NA 16.82 rd 15.781 14.84 rd 15.781 14.781 rd 15.781 14.781 rd 15.781<		tive					
Department of Justice Other Plancial Assistance NA 1999 70.658 69.82 West Vignes University Reserct Corporation P22 Plan Prof Social Stations 0.00000000000000000000000000000000000	Criminal Justice Coordin	ating Council	Criminal Justice Coordinating Council: FY2021 Opioid Affected Youth Initiative	NA			
Part-Trough Tom: Cirrind Jacks Conduing Duniel West Vignis Linewsky Meesend: Oxpontion Traum-informed Lagid Services for Survivos of CSEC in Georgia FY 2023 NA 10.999 70.589 60.55 Visit Vignis Linewsky Meesend: Oxpontion FYZ Pain Phrit Sourning Saddess Department of Jusci Wood CutsTFR Department of Jusci Wood CutsTFR Department of Jusci Wood CutsTFR NA 10.999 70.589 60.55 Visit Vignis Linewsky Meesend: Oxpontion Of The High Demand Career Initiative Regional Project NA 17.288 4458	Department of Justice Other	r Financial Assistance					
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ARTINENT OF LABOR WOA LUSTER WOA LUSTER Development De	west virginia oniversity	Research Corporation		03-03/111-00A			
MUCLUSTER WORACLUSTER ORY of Carguit Som Dispersional Carguit Som City of Carguit Som Dispersional Carguit Som City of Carguit Som City				DEPARTMENT	OF JUSTICE Total	321,084	302,48
WDA Adult Program Pass-Through from: City of Calgult Of The Hyp. Demand Career Initiative Regional Project NA 17.238 4.422 4.55 WOA CLUSTER Total 4.422 4.55 WOA CLUSTER Total 4.422 4.55 Department of Labor Other Financial Assistance Pass-Through from: Commons Control to Disab Technical Assistance Center For Best Practices in Employment Supports NA 17.399 17 1 Pass-Through from: Commons Control to Disab Technical Assistance Center For Best Practices in Employment Supports NA 17.399 17 1 Pass-Through from: Commons Control to Disab Technical Assistance Center For Best Practices in Employment Supports NA 17.399 17 1 Pass-Through from: Commons Control to Disab Technical Assistance Center For Best Practices in Employment Supports NA 17.399 17 1 Pass-Through from: Commons Control to Disab Mandela Washington Felowship Program 2022 SECAGD21CA3082 19.009 12.80.08 12.25.7 Pass-Through from: Commons Ruch & Sich Bd Mandela Washington Felowship 2023 19.009 7.30.40.08 12.90.9 12.80.9 Pass-Through from: Count Conservancy Cap In Vetnam With Ocean Conservancy SUMAQM19GR230 19.017<							
Past-Through form: Governors Council on Dev Disab Technical Assistance Center For Best Practices in Employment Supports NA 17.999 17.999 total 17.999 total 19.009 120.028 120.02	WIOA Adult Program						
Department of Labor Other Financial Assistance Pass-Through from: NA 17.999 17 1 Governors Counci on Dev Disab Technical Assistance Center For Best Practices In Employment Supports NA 17.999 17 1 DEPARTMENT OF STATE DEPARTMENT OF STATE DEPARTMENT OF STATE DEPARTMENT OF STATE Pass-Through from: International Risch & Exch Bd Mandela Washington Felowship Program 2022 SECAGD21CA3082 19.009 126.028 122.57 Pass-Through from: International Risch & Exch Bd UGA Mandela Washington Felowship 2023 SECAGD21CA3082 19.009 7.304 6.98 Environmental and Scientific Partnerships and Programs Pass-Through from: 13.007 (885) (84 Ocean Conservancy Cap In Vietnam With Ocean Conservancy SLMAOM19GR2390 13.017 (885) (84 Diroct Awards 13.040 6.53.145 6.57.46 6.57.46 6.57.46 6.57.46 AEECACESF PD programs 13.040 6.55.145 6.57.46 6.57.46 6.57.46 6.57.46 Diroct Awards 19.009 2.2.76 2.2.65 6.57.46 6.57.46 6.57.46 D	City of Colquitt		Of The High Demand Career Initiative Regional Project	NA			
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Governors Council on Dev Disab Technical Assistance Center For Best Practices in Employment Supports NA 17.999 Total 17 1 19.807 Through Tom: 18.60.85 19.009 126.028 122.57 11.909 Total 02.028 133.332 128.56 19.009 Total 133.332 13.009 133.332 19.009 Total 0.047.000 5.338.16 19.017 (085) 0.047.000 5.338.16 19.019 0.047.000 5.338.16 19.019 0.047.000 5.338.16 19.040 0.047.000 5.338.16 19.040 0.047.000 5.338.16 0.047.000 5.338.16 <tr< td=""><td></td><td>Financial Assistance</td><td></td><td></td><td></td><td></td><td></td></tr<>		Financial Assistance					
PARTMENT OF STATE Acadomic Exchange Programs - Undergraduate Programs Pass-Through from: International Rich & Exch Bd Mandela Washington Felowship Program 2022 International Rich & Exch Bd UGA Mandela Washington Felowship 2023 Environmental and Scientific Partnerships and Programs Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy Decen Conservancy Cap In Vietnam With Ocean Conservancy Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy Decen Conservancy Cap In Vietnam With Ocean Conservancy Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy Pass-Through from: Ocean Conservancy 19,007 (885) International Programs to Combat Human Trafficking Direct Awards Direct Awards Direct Awards Direct Awards 19,000 22,781 21,65 19,000 22,781 21,		ev Disab	Technical Assistance Center For Best Practices In Employment Supports	NA		17 17	
Academic Exchange Programs - Undergraduate Programs Pass-Through from: International Rsch & Exch. Bd Mandela Washington Fellowship Program 2022 SECAGD21CA3082 19.009 126.028 122.57 International Rsch & Exch. Bd UGA Mandela Washington Fellowship 2023 PV23YALICLUGA04 19.009 7.304 6.38 Environmental and Scientific Partnerships and Programs Pass-Through from: 7.304 6.38 19.009 7.304 6.38 Ocean Conservancy Cap In Vietnam With Ocean Conservancy SLMAQM19GR2390 19.017 (885) 684 International Programs to Combat Human Trafficking 19.019 6.047.090 5.598.16 Direct Awards 19.040 653.145 637.44 AEECALESF PD Programs 19.040 653.145 637.44 Direct Awards 19.000 22.781 21.68				DEPARTMENT	OF LABOR Total	17	1
Pass-Through form: SECAGD21CA3082 19.009 126.028 122.51 International Rsch & Exch Bd UGA Mandela Washington Fellowship 2023 FY23YALICLUGA04 19.009 7.304 6.98 Environmental and Scientific Partnerships and Programs Fy23YALICLUGA04 19.009 7.304 6.98 Environmental and Scientific Partnerships and Programs Pass-Through form: (84 19.009 7.304 6.98 Coean Conservancy Cap In Vietnam With Ocean Conservancy SLMAQM19GR2390 19.017 (885) (84 International Programs to Combat Human Trafficking 19.019 6.047.090 5.938.16 Direct Awards 19.040 6.53.145 6.37.44 AEECARESF PD Programs 19.040 653.145 637.44 Direct Awards 19.040 653.145 637.44 Direct Awards 19.040 653.145 637.44 AEECARESF PD Programs 19.000 22.781 21.65							
International Rech & Exch Bd Mandela Washington Fellowship Program 2022 SECAGD 21CA3082 19.009 128.028 122.57 International Rech & Exch Bd UGA Mandeia Washington Fellowship 2023 FY23YALICLUGA04 19.009 7.304 128.028 129.52 Environmental and Scientific Partnerships and Programs Pass-Through from: 0 0 7.304 6.047.090 5.938.16 Ocean Conservancy Cap In Vietnam With Ocean Conservancy SLMAQM19GR2390 19.017 (885) (845) International Programs to Combat Human Trafficking 19.019 6.047.090 5.938.16 Direct Awards 19.040 6.047.090 5.938.16 Orient Control 19.040 6.037.445 6.037.445 Optional Programs 19.040 6.531.445 6.37.44 Direct Awards 19.040 6.531.445 6.37.44 AEECAESF PD Programs 19.040 22.781 21.66		ms - Undergraduate Programs					
Environmental and Scientific Partnerships and Programs 19.009 Total 133.332 129.55 Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy SLMAOM19GR2390 19.017 (885) (84 International Programs to Combat Human Trafficking 19.019 6.047,080 5.088,16 Direct Awards 19.040 653,145 637,44 Direct Awards 19.040 22,781 21.68	International Rsch & Exc						
Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy SLMAQM19GR2390 19.017 (885) (84) 19.017 Total (885) (84) International Programs to Combat Human Trafficking Direct Awards 19.019 6.047,090 5.538,16 Public Diplomacy Programs Direct Awards 19.040 6.637,44 6.537,44 AEECAESF PD Programs Direct Awards 19.040 653,145 637,44 AEECAESF PD Programs Direct Awards 19.00 22,781 21.63	International Rsch & Exc	ch Bd	UGA Mandela Washington Fellowship 2023	FY23YALICLUGA04			
Pass-Through from: Ocean Conservancy Cap In Vietnam With Ocean Conservancy SLMAQM19GR2390 19.017 (885) (84) 19.017 0865) 084 International Programs to Combat Human Trafficking Direct Awards 19.019 6.047.090 5.938.14 Public Diplomacy Programs Direct Awards 19.040 653.145 637.44 AEECAESF PD Programs Direct Awards 19.040 653.145 637.44 19.040 22.781 21.65	Environmental and Scientifi	c Partnerships and Programs					
International Programs to Combat Human Trafficking 6,047,090 5,938,10 Direct Awards 19,019 6,047,090 5,938,10 Public Diplomacy Programs 19,040 663,145 637,44 Direct Awards 19,040 total 6653,145 637,44 AEECARESF PD Programs 19,040 total 653,145 637,44 Direct Awards 19,040 total 653,145 637,44	Pass-Through from:		Cap In Vietnam With Ocean Conservancy	SLMAQM19GR2390	19.017	(885)	(84
Direct Awards 19.019 6.047,080 5.538.18 Public Diplomacy Programs 19.019 Total 6.047,080 5.538.18 Direct Awards 19.040 653,145 637,44 AEECA/ESF PD Programs 19.040 Total 653,145 637,44 Direct Awards 19.900 22,781 2163							
Public Diplomacy Programs 19.040 653,145 637,44 Direct Awards 19.040 Total 653,145 637,44 AEECA/ESF PD Programs Direct Awards 19.900 22,781 21.63		ombat Human Trafficking					
Direct Awards 19.04 683.145 637.44 AEECAESF PD Programs 653.145 637.44 637.44 Direct Awards 19.040 Total 653.145 637.44 Direct Awards 19.00 22.781 21.63	Public Diplomacy Programs				19.019 Total	6,047,090	5,938,18
AEECAESF PD Programs Direct Awards 19.900 22,781 21,63							637,44 637,44
					_		
	Direct Awards						21,63 21,63

uster/ Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amount Provided to Subrecipients
Export Control and Related Border Security Direct Awards			19.901 19.901 Total	540,566 540,566	534,35 534,3 5
		DEPARTMENT	OF STATE Total	7,396,029	7,260,32
PARTMENT OF TRANSPORTATION				.,,	.,,.
Highway Planning and Construction Pass-Through from:					
Kennesaw State University Research and Service Foundation	Asphalt Mixtures In Georgia	150188432065UGARF01	20.200 20.200 Total	(22)	(2
			20.200 10181	(22)	(
HIGHWAY PLANNING AND CONSTRUCTION CLUSTER Highway Planning and Construction					
Pass-Through from: GA Department of Transportation	Phase-II Weight-In-Motion (WIM) Data Synthesis and Validation	NA	20.205	18,558	17,7
GA Department of Transportation	Development of Training Modules to Increase Usage and Understanding of Agency-Wide Software Programs	NA	20.205	65,067	61,7
GA Department of Transportation	Strategic Prioritization in Bridge Asset Maintenance through Data Driven Long-Term Asset Valuation with Additional Emphasis on Promoting GDOT's Partnerships with Counties	NA	20.205	135,400	128,5
GA Department of Transportation GA Department of Transportation	Synergizing Multisource Traffic Data for Quality Control and Extended Network Coverage Development of Safety Performance Functions for Urban and Suburban Multilane Highways in Georgia	NA NA	20.205 20.205	81,830 31,832	77,6 30.5
GA Department of Transportation	Development of Area-Specific Lane Distribution Factors for Pavement Design	NA	20.205	39,124	36,9
GA Department of Transportation	Daytime Lighting in Short Tunnels Bridge and Octored Daylors for Daylors Millellife Makiele Conflicte and Inserved Oliverte Daylingue Disers I	NA	20.205	32,978	31,6
GA Department of Transportation GA Department of Transportation	Bridge and Culvert Designs for Reduced Wildlife-Vehicle Conflicts and Improved Climate Resiliency. Phase I Experimental Tests for an Effective Barrier Design to Exclude Diamondback Terrapins (Malaclemys terrapin) from Roads	NA NA	20.205 20.205	72,392 762	68,4 7
			20.205 Total	477,943	453,8
	HIGHWAY PL	ANNING AND CONSTRUCTION		477,921	453,83
PARTMENT OF THE TREASURY		DEPARTMENT OF TRANSPO	ORTATION Total	477,921	453,83
Volunteer Income Tax Assistance (VITA) Matching Grant Program Direct Awards			21.009	44,124	42,13
COVID-19: Coronavirus Relief Fund			21.009 Total	44,124	42,13
Pass-Through from:	Resilient and Sustainable Water-Resources Development Using Deep Groundwater in the Lower Flint River Basin	NA	21.027	82,923	81,62
Albany State University	Resilient and Sustainable Water-Resoundes Development Using Deep Groundwater in the Lower Print River Basin	NA	21.027 Total	82,923	81,62
		DEPARTMENT OF THE T	REASURY Total	127,047	123,70
TIONAL AERONAUTICS AND SPACE ADMINISTRATION COVID-19: Science					
Pass-Through from: University of Alabama in Huntsville	COVID-19; RAPID: COVID-19 Quarantine Impacts on Urban-source Nutrient Deposition into UNESCO's Belize Barrier Reef				
Science	Reserve World Heritage Site	2020-1287	43.001	9,365	8,67
Direct Awards Pass-Through from:			43.001	882,484	843,1
Auburn University	A Joint Theoretical And Experimental Approach To Dielectronic Recombination Data Needs	22PHYS209394UGRF	43.001	38,549	35,7
California Institute of Technology Clemson University	Science Activation Program Momentum Resolved Charge Exchange Cross Section Measurements and X-ray Spectroscopy	1692937 21262042013329	43.001 43.001	5,234 11,347	4,8 10,5
Northern Arizona University	Computational Laboratory Astrophysics To Enable Transport Modeling Of Protons And Hydrogen In Stelar Winds, The Ism And				
SETI Institute	Other Astrophysical Environments Do Polygonal Impact Craters Form On Mercury's Lobate Scarps' Implications For Contractional Tectonism Throughout The	1003545	43.001	24,851	23,0
	Solar System	SC3923	43.001	14,787	13,70
The University of Alabama In Huntsville GA Institute of Technology	Climate-Influenced Nutrient Flows And Threats To The Biodiversity Of The Belize Barrier Reef Reserve System Nanoscale Imaging and Spectroscopy of Lunar Samples	2019-043 NA	43.001 43.001	7,486 45,833	6,9 42,4
University of Maryland Foundation, Inc.	Charge-Exchange X-Ray Emission Calculations For Xrism Spectral Modeling: Hydrogen- And Helium-Like Highly-Charged Ion Emission	121328Z6487201	43.001	3,130	2,90
			43.001 Total	1,043,066	991,9
Exploration Direct Awards			43.003 43.003 Total	83,679 83,679	83,11 83,11
Office of Stem Engagement (OSTEM)					
Pass-Through from: GA Institute of Technology	CubeSat Data Simulation and Analytics (FELLOWSHIP)	NA	43.008	14,622	14,6
GA Institute of Technology GA Institute of Technology	Maximizing Yield Using Emerging Remote Sensing Technologies In Row Crops Remote Sensing Airborne Multispectral Camera For Peanut Planting Density And Water Use Optimization	NA NA	43.008 43.008	17,408 29,898	17,40 29,89
		10	43.008 Total	61,928	29,8 61,9
Mission Support Pass-Through from:	An H2/Hd Collisional Excitation Database From High-Dimensional Quantum Dynamics Calculations: Benchmarking Interstellar	NA	43.009	741	
Space Telescope Science Institute	A A A A A A A A A A A A A A A A A A A	NA	43.009 43.009 Total	(1)	
	NATIONAL AERC	DNAUTICS AND SPACE ADMINI	STRATION Total	1,188,672	1,137,00
TIONAL ENDOWMENT FOR THE ARTS Promotion of the Arts Grants to Organizations and Individuals Direct Awards			45.024	7,483	
Promotion of the Arts Grants to Organizations and Individuals Direct Awards Office of Stem Engagement (OSTEM)			45.024 45.024 Total	7,483 7,483	
Promotion of the Arts Grants to Organizations and Individuals Direct Awards	Picture This: Highlighting Contemporary Art in Georgia	FY23P56	45.024 Total	7,483 9,333	7,06 9,33
Promotion of the Arts Grants to Organizations and Individuals Direct Awards Office of Stem Engagement (OSTEM) Pass-Through from:		FY23P56	45.024 Total 45.025 45.025 Total	7,483	9,3: 9,3:
Promotion of the Arts Grants to Organizations and Individuals Direct Awards Office of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts			45.024 Total 45.025 45.025 Total	7,483 9,333 9,333	9,3: 9,3:
Promotion of the Arts Grants to Organizations and Individuals Direct Awards Office of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts			45.024 Total 45.025 45.025 Total	7,483 9,333 9,333	9,3 9,3
Promotion of the Arts Grants to Organizations and Individuals Diffect Awards Office of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts TIONAL ENDOWMENT FOR THE HUMANITIES Promotion of the Humanites Federal/State Partnership Pass-Through from:		NATIONAL ENDOWMENT FOR	45.024 Total 45.025 45.025 Total THE ARTS Total	9,333 9,333 9,333 16,816	9,3 9,3 9,3 16,3
Promotion of the Arts Grants to Organizations and Individuals Diffice of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts			45.024 Total 45.025 45.025 Total	7,483 9,333 9,333	7,01 9,3: 9,3: 16,39 13,38
Promotion of the Arts Grants to Organizations and Individuals Diffect Awards Office of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts TIONAL ENDOWMENT FOR THE HUMANITIES Promotion of the Humanites Federal/State Partnership Pass-Through from:		NATIONAL ENDOWMENT FOR	45.024 Total 45.025 45.025 Total THE ARTS Total 45.129	7,483 9,333 9,333 16,816 14,185	9,33 9,33 16,35 13,38
Promotion of the Arts Grants to Organizations and Individuals Direct Awards Office of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts TIONAL ENDOWMENT FOR THE HUMANITIES Promotion of the Humanites Federal/State Partnership Pass-Through from: Georgia Council for the Arts		NATIONAL ENDOWMENT FOR	45.024 Total 45.025 45.025 Total THE ARTS Total 45.129	7,483 9,333 9,333 16,816 14,185	7,00 9,33 9,33 16,39 13,38 13,38 23,21
Direct Awards Office of Stem Engagement (OSTEM) Pass-Through from: Georgia Council for the Arts TIONAL ENDOWMENT FOR THE HUMANITIES Promotion of the Humanites Federal/State Partnership Pass-Through from: Georgia Council for the Arts Promotion of the Humanities Division of Preservation and Access		NATIONAL ENDOWMENT FOR	45.024 Total 45.025 45.025 Total THE ARTS Total 45.129 45.129 Total 45.149	7,483 9,333 9,333 16,816 14,185 14,185 23,213	7.06 7.06 9.33 9.33 16,38 13,38 13,38 23,21 23,21 23,21

YEAR ENDED JUNE 30, 2023

Protein the Automatic Bases Mar Transport East Profession in East Profesion in East Profession in East Profession in East Pr		Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amou Provideo Subrecipi
	motion of the I			lucitarying hamber			
			Black Defermence In Early Meders Iberia: Colleguium And Special Josue Of The Bullatin Of The Comediantee	CON 80004202(CB110401)	45 161	20,000	
	Yale Universi	sity	Black Performance in Eany wodern Ioena: Colloquium And Special Issue Of The Bulletin Of The Correctiantes	CON-80004293(GR 119491)		20,909	1
	motion of the I	e Humanities Research					
	Association o	n of Tribal Archives, Libraries, and Museums	Enfulletv-Mocvse (New Ways of Doing) in Archaeology Field School	2035		2,640	
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					45 169	46 753	4
Service State	Anect Awards	•				46,753	4
Set Under Status Control Contro Control <thcontrol< th=""></thcontrol<>						400.000	13
Marken beins Cancel 11 (Cancel 11) (Cancel 1			NATION	AL ENDOWMENT FOR THE HU	MANITIES Total	138,266	1.
Constrained Constrained <thconstrained< th=""> <thconstrained< th=""></thconstrained<></thconstrained<>			The Power Of Pathology To Improve The Clinical Care And Welfare Of Ape Collections	GREATAPE			
					45.512 10(8)	10,331	
CODE: Large series 2011 0.11 Discissential 7.01 0.11 Discissential 0.11 0.11 0.11 Discissential 0.11 <			THE INSTITUTI	E OF MUSEUM AND LIBRARY	SERVICES Total	18,997	
CODE: Legistric 10:10 10:10 10:10 Direct series 10:10 10:10 10:10 10:10 Direct series 10:10 10:10 10:10 10:10 10:10 Direct series 10:10	SCIENCE FOU	DUNDATION					
Big Strange Str	VID-19: Engine	neering					
Bits Average Control Contro Control Contro Control Control	Direct Awards	s			47.041	652,174	6
Bits Average Control Contro Control Contro Control Control	ineering						
Registion Household Service 00 47.041 47.041 47.041 Rescarcing Service Bard-Decision Service 70.00000000000000000000000000000000000					47.041	1,865,637	1,7
Massesses Envoge Meeting of A. Adding System 971000173 47.011 127 Mathematics and Physics Sciences No 47.041 127 Mathematics and Physics Sciences No 47.041 127 Mathematics and Physics Sciences 4000419181 47.041 1020 Mathematics and Physics Sciences 4000419181 47.041 10205 Mathematics and Physics Sciences 4000419181 47.040 10205 Mathematics and Physics Sciences 4000419181 47.040 10205 Mathematics and Physics Sciences 4000419181 47.040 10205 Object Americs 4000419181 47.040 10205 47.050 50.05 Object Americs 4000419181 47.040 10205 47.050 50.05 Object Americs 47.050 50.05 50.0			Horseshoe Crah Aquaculture As An Alternative to Wild Canture for Sustainable Endotoxin Testing NSE-SBIR Phase LEuriding	001	47 041	4 739	
Additional of Physical Sciences 17.641 Yout 10.842 Press Press 17.641 Yout 10.842 Wysisal Physical Sciences 17.694 Yout 10.942 Press 18.942 10.942 10.942 COUD-15: Geochemes 19.942 10.942 10.942 10.942 Press 19.942 10.942 10.942 10.942 10.942 COUD-15: Geochemes 19.942 10.942 10.942 10.942 10.942 Disc Alwards 19.942 10.942 10.942 10.942 10.942 COUD-15: Geochemes 19.942 10.942 10.942 10.942 10.942 Disc Alwards 19.942 19.942 19.942 10.942 10.942 COUD-15: Geochemes 19.942 19.942 19.942 19.942 19.942 Disc Alwards 19.942 19.942 19.942 19.942 19.942 COUD-15: Geochemes 19.942 19.942 19.942 19.942 19.942 Disc Alwards 19.942 19.942 19.942 19.942 19.942 COUD-15: Geochemes 19.942 19.942 19.942 19.942 19.942 COUD-15: Geochemes 19.942 19.942 1	Massachuset	setts Institute of Technology				13,270	
Decision 30000 30000 30000	BiotecEra, Inc	Inc.	SttrBio-Based Manufacturing Of An Anticoagulant Precursor4-Hydroxycoumarin	NA	47.041	(8)	
Direct words Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projection: Phers-Trong Projection: Phers-Tro					47.041 Total	2,535,812	2,3
Direct words Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projections: Phers-Trong Projection: Phers-Trong Projection: Phers-Tro					-		
Disc Aurols 94/2 94/200 94/2	hematical and	nd Physical Sciences					
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Wight P Ageboard: Return Design of Biominut, Yuun Tapping Paymes 48008-19105 4001 44004 433 4004 OCUPU-16: Construction Automa Design of Biominut, Yuun Tapping Paymes 48008-19105 4001 44004 533 500 Procession Automa Design of Biominut, Yuun Tapping Paymes 480038-19105 400 44004 533 500 Operations Biominut Charges Automa Design of Biominut, Yuun Tapping Paymes 480038-19105 4000 44004 533 500 Processions Biominut Charges Automa Design of Biominut, Yuun Tapping Paymes 480038-19105 4000 47.000 533 5000 Processions Disconsistions Disconsistions Constructions 7300 7300 Outomask of Nont Chardes Minington Disconsistions of Disconsis Disconsistion Disconsistion Disconsis Disconsistion			Min: Glucomin - Automating The Suntheric Pationally Decigned Chicomateriale	48050410105	47.049	1 080 952	1,0
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CoVID-19: Georgianse Super Average Super Super Average Super	Virginia Polyte	lytechnic Institute	Exploring Potential Energy Surfaces by Reaction Pathways	480718-19105		53,322	
Direct wards 47.00 9.23.10 Considering and the property in the property of the pr					47.049 I otal	3,275,883	3,0
Concisions 1,75,00 5,80,00 Discributions 0,000,000,000,000,000,000,000,000,000,							
Direct Avera's 47.09 5.00.03 Pass-Troogh from: CO-SHP AftAI Leg 1 Hydrographic Cuties 27.03 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 47.030 45.030 47.030 55.03 47.030 55.03 56.03 47.030 55.03 56.03 47.030 55.03 56.03 57.03 <	Direct Awards	S			47.050	2,178	
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						536,221 34,276	4
47.074 Total <u>12,901,02</u>	,				-		
					47.074 Total	12,901,025	12,1
COVID-19: Social, Behavioral, and Economic Sciences	VID-19: Social.	al, Behavioral, and Economic Sciences					

y Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Amount Provided to Subrecipients
Social, Behavioral, and Economic Sciences		· · · ·			
Direct Awards Pass-Through from:			47.075	942,885	887,71
Arizona State University	Eager: Management And Organizational Issues In Technology Transfer At Federal Laboratories: Data Collection And Analysis To Advance Commercialization Of Federally-Funded Research	ASUB00001037	47.075	(250)	(19
Florida Institute of Technology	Assessing the Effects of Human Activity on the Composition of Tropical Forest -Investigating Ecological Legacies in Amazonian Forests (Resubmission)	AWD-000584	47.075	61,675	59,04
Howard University	Comparative Study of Demographic Variation in Judiciaries Sub-Award	NA NA	47.075	27,876	25,82
University Corporation for Atmospheric Research	Integrating Sense Of Place Into Geovisualization Of Hurricane Storm Surge	SUBAW D001498	47.075	2,640	2,45
University of California	Rcn: Housing Justice In Unequal Cities	0350GXA572	47.075	21,928	21,35
University of Minnesota	Us Forest Service Decisions And Innovations Sub-Award	H007008401 UNR-22-20	47.075 47.075	4,275 38,763	3,961
University of Nevada, Reno University of North Carolina at Charlotte	Bayesian Inference for Attribute Hierarchy in Cognitive Diagnosis Models Long Term Societal Reaction To Environmental Change	2019005801UGA	47.075	38,763	35,91 2,43
University of North Carolina at Charlotte	Ancient Agrarian Responses To Environmental Stress Across The Mediterranean, Levant To Sardinia	2021045201UGA	47.075 47.075 Total	10,704 1,127,319	10,224
COVID-19: STEM Education (formerly Education and Human Resources)			-		
Direct Awards			47.076	4,519	4,18
STEM Education (formerly Education and Human Resources) Direct Awards			47.076	5,042,798	4,772,52
Pass-Through from: American Educational Research Association	Pathways into STEM: An exploration of math-related strain, math supports and high school math achievement with implications				
	for policy and practice	1749275	47.076	7,486	7,48
Clemson University	Ct-Stem Pop-Ups4All: An Rpp For Agile Learning	22522062014171	47.076	71,168	66,59
Clemson University Kent State University	Examining the Role of District Science Coordinator Professional Learning in Supporting and Retaining Science Teachers	24542062015586 402139-UGA	47.076 47.076	31,019 36,753	28,74 34.05
Kent State University Northwestern University	Resources Accessed To Cultivate And Enhance Resilience (Racer)	402139-UGA SP0047261-PROJ0013382	47.076	36,753	34,054
Public Broadcasting Service	Collaborative Research: Argulex - Applying Automated Analysis To A Learning Progression For Argumentation Pbs Terra And Advancing Stem Media (Astemm)	SP0047261-PROJ0013382 NA	47.076	15,238 247,208	14,55
Purdue University	Learning By Evaluating (Lbe): Engaging Students In Evaluation As A Pedagogical Strategy To Improve Design Thinking	10001843009	47.076	36,454	33,777
State of Minnesota	Research Immersive Scholastic Experience In Biology (Risebio): A Scholarship And Support Program Assisting Biology			00,404	00,111
TERC, Inc.	Students To Rise To Their Full Potential Native Stem Portraits: A Longitudinal, Mixed-Methods Study Of The Intersectional Experiences Of Native Learners And	P0032617	47.076	140	130
	Professionals In Stem (Terc Sub_Nsf)	12141	47.076	31,264	29,616
University of New Mexico University of Southern California	Learning By Evaluating (Lbe): Engaging Students In Evaluation As A Pedagogical Strategy To Improve Design Thinking Usable Measures Of Teacher Understanding: Exploring Diagnostic Models And Topic Analysis As Tools For Assessing	03633987DK	47.076	47,368	43,89
onnoisity of octation california	Proportional Reasoning For Teaching	109196415	47.076	101,794	97,228
University of Texas at Austin	Sophomore Fellows: Cultivating New Scientists through Research, Mentoring, and Community	UTA18001293	47.076	17,965	16,66
University of Utah University of Washington	The Science and Practice of Using Humor in Science Communication Validated Learning Objectives For Introductory Biology. A Resource For Improving Course Design, Faculty Practice, And	10051874UG	47.076	1,510	1,399
	Student Outcomes	UWSC12121	47.076 47.076 Total	16,055 5,708,739	14,876
Polar Programs					
Direct Awards			47.078 47.078 Total	165,260 165,260	153,126 153,126
Office of International Science and Engineering Direct Awards			47.079 47.079 Total	50,040 50,040	49,46
Integrative Activities			-		
Direct Awards			47.083 47.083 Total	320,315 320,315	302,392 302,392
NSF Technology, Innovation, and Partnerships Direct Awards			47.084	236,437	222,141
Pass-Through from: TEGA Therapeutics, Inc.	NSF Small Business/Engineering Research Center Collaborative Opportunity (SECO) - Supplemental Funding Opportunity	AWD00016453	47.084	3,139	2,937
InversAl, Inc.	Dynamic Polymer Brush Interfaces For Non-Enzymatic Harvesting Of Adherent Cell Cultures	FP00025886	47.084 47.084 Total	7,389 246,965	6,847 231,925
National Science Foundation Other Financial Assistance					
Direct Awards			47.999 47.999 Total	243,360 243,360	240,046
		NATIONAL SCIENCE FOL			
		NATIONAL SCIENCE FOU	INDATION Total	33,203,191	31,362,475
LL BUSINESS ADMINISTRATION Congressional Grants		NATIONAL SCIENCE FOL	INDATION Total	33,203,191	
		NATIONAL SCIENCE FOL	59.059 59.059 Total	33,203,191 11,873 11,873	
Congressional Grants		SMALL BUSINESS ADMINIS	59.059 59.059 Total	11,873	31,362,475 11,204
Congressional Grants Direct Awards			59.059 59.059 Total	11,873 11,873	31,362,475 11,204 11,204
Congressional Grants Direct Awards			59.059 59.059 Total	11,873 11,873	31,362,475 11,204 11,204
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes			59.059 59.059 Total TRATION Total 66.032 66.032 Total	11,873 11,873 11,873 200,601 200,601	31,362,475 11,204 11,204 11,204 191,077 191,077
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards			59.059 59.059 Total STRATION Total 66.032	11,873 11,873 11,873 200,601	31,362,475 11,204 11,204 11,204 11,204 191,077 191,077 32,052
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes	nr		59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204	11,873 11,873 11,873 200,601 200,601 33,557	31,362,479 11,204 11,204 11,204 191,077 191,077
Congressional Grants Direct Awards CONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers	Restoration Programs		59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204	11,873 11,873 11,873 200,601 200,601 33,557	31,362,479 11,200 11,200 11,200 11,200 191,077 191,077 191,077 32,055 32,055
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from:	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent	SMALL BUSINESS ADMINIS 84039601	59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436	11,873 11,873 11,873 200,601 200,601 33,557 33,557 10,287	31,362,475 11,204 11,204 11,204 191,077 191,077 32,052 32,052 9,532
Congressional Grants Direct Awards CONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers	Restoration Programs	SMALL BUSINESS ADMINIS	59.059 59.059 Total 66.032 66.032 Total 66.204 66.204 Total	11,873 11,873 11,873 200,601 200,601 33,557 33,667	31,362,474 11,200 11,200 11,200 191,077 191,077 32,055 32,055 32,055 (177
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent	SMALL BUSINESS ADMINIS 84039601	59.059 59.059 Total STRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436	11,873 11,673 11,873 200,601 200,601 33,557 33,657 10,287 (170)	31,362,475 11,204 11,20
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers GA Environmental Protection Division	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent	SMALL BUSINESS ADMINIS 84039601	59.059 59.059 Total STRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436	11,873 11,673 11,873 200,601 200,601 33,557 33,657 10,287 (170)	31,362,475 11,204 11,204 11,204 191,077 191,077 32,052 32,052
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers GA Environmental Protection Division Nonpoint Source Implementation Grants Pass-Through from:	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent Practices At Fields Edge And In Stream And Associated Education	SMALL BUSINESS ADMINIS 84039601 NA	59.059 59.059 Total ITRATION Tota 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436 66.436 Total	11,873 11,873 11,873 200,601 200,601 33,557 33,557 10,287 (170) 10,117	31,362,475 11,204 11,204 11,204 191,077 191,077 32,052 32,052 9,532 (170 9,362
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers GA Environmental Protection Division Nonpoint Source Implementation Grants	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent	SMALL BUSINESS ADMINIS 84039601	59.059 59.059 Total STRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436	11,873 11,873 11,873 200,601 200,601 33,557 33,657 10,287 (170)	31,362,475 11,204 11,204 11,204 11,204 191,077 191,077 32,052 32,052 32,052 32,052 (170
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association Of Wetland Managers GA Environmental Protection Division Nonpoint Source Implementation Grants Pass-Through from: GA Environmental Protection Division	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent Practices At Fields Edge And In Stream And Associated Education	SMALL BUSINESS ADMINIS 84039601 NA	59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436 66.436 66.460 66.460 66.460	11.873 11,873 11,873 200,601 200,601 33,557 33,557 10,287 (170) 10,117	31,362,475 11,204 11,204 11,204 11,204 191,077 191,077 191,077 32,052 32,052 32,052 32,052 32,052 9,532 (170 9,362 77,888
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Wetland Managers GA Environmental Protection Division Sonpoint Source Implementation Grants Pass-Through from: GA Environmental Protection Division GA Environmental Protection Division GA Environmental Protection Division	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent Practices At Fields Edge And In Stream And Associated Education FY19-16 Phase II Coastal GI/LID SW BMP Implementation NAPeacock Creek Restoration: Green Infrastructure Demonstration in Bryant Commons Park	SMALL BUSINESS ADMINIC 84039601 NA NA	59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204 Total 66.436 66.436 Total 66.436 Total 66.436 Total	11,873 11,873 11,873 200,601 200,601 33,557 33,557 10,287 10,287 10,287 10,117 79,458 57,729	31,362,475 11,204 11,204 11,204 191,077 191,077 191,077 32,052 32
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants of Pass-Through from: National Association of Wetland Managers GA Environmental Protection Division Nonpoint Source Implementation Grants Pass-Through from: GA Environmental Protection Division GA Environmental Protection Division GA Environmental Protection Division	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent Practices At Fields Edge And In Stream And Associated Education FY19-16 Phase II Coastal GI/LID SW BMP Implementation NAPeacock Creek Restoration: Green Infrastructure Demonstration in Bryant Commons Park	SMALL BUSINESS ADMINIC 84039601 NA NA	59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436 66.436 66.460 66.460 66.460	11.873 11,873 11,873 200,601 200,601 33,557 33,857 10,287 (170) 10,117 79,458 57,729 41,058	31,362,475 11,204 11,204 11,204 11,204 11,204 11,204 11,204 11,204 10,077 191,077 191,077 191,077 192,052 32,052
Congressional Grants Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Welland Managers GA Environmental Protection Division GA Environmental Protection Division	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent Practices At Fields Edge And In Stream And Associated Education FY19-16 Phase II Coastal GI/LID SW BMP Implementation NAPeacock Creek Restoration: Green Infrastructure Demonstration in Bryant Commons Park	SMALL BUSINESS ADMINIC 84039601 NA NA	59.059 59.059 Total TRATION Total 66.032 66.032 Total 66.204 66.204 Total 66.436 66.436 66.436 Total 66.460 66.460 66.460	11.873 11,873 11,873 200,601 200,601 33,557 33,857 10,287 (170) 10,117 79,458 57,729 41,058	31,362,475 11,204 11,204 11,204 11,204 11,204 11,204 11,204 11,204 10,077 191,077 191,077 191,077 192,052 32,052
Direct Awards RONMENTAL PROTECTION AGENCY State Indoor Radon Grants Direct Awards Multipurpose Grants to States and Tribes Direct Awards Surveys, Studies, Investigations, Demonstrations, and Training Grants a Pass-Through from: National Association of Welland Managers GA Environmental Protection Division	Restoration Programs Installation Of Stormwater Sampling Devices To Monitor Changes In Water Quality Through A Variety Of Best Manageent Practices At Fields Edge And In Stream And Associated Education FY19-16 Phase II Coastal GI/LID SW BMP Implementation NAPeacock Creek Restoration: Green Infrastructure Demonstration in Bryant Commons Park	SMALL BUSINESS ADMINIC 84039601 NA NA	59.059 59.089 Total TRATION Total 66.032 66.032 Total 66.204 Total 66.436 66.436 66.436 Total 66.460 66.460 66.460 66.460 66.460 66.460 66.460	11,873 11,873 11,873 200,601 200,601 33,557 33,557 10,287 (170) 10,117 79,458 57,729 41,065 178,252	31,362,475 11,204 11,204 11,204 11,204 191,077 191,077 191,077 32,052 32,052 32,052 32,052 32,052 32,052 32,052 32,052 176,888 57,472 41,065 176,425

y Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Provided to Subrecipient
Office of Research and Development Consolidated Research/Trainin Direct Awards	ng/Fellowships		66.511 66.511 Total	311,347 311,347	303,7 303,7
Performance Partnership Grants Pass-Through from:					
GA Environmental Protection Division	Water Quality Model Development	19250MA1	66.605 66.605 Total	478 478	4
Solid Waste Management Assistance Grants Direct Awards			66.808 66.808 Total	23,058 23,058	22,0
Environmental Protection Agency Other Financial Assistance Pass-Through from:			-		
Eastern Research Group, Inc.	Trash Free Waters	CPRS0033/126	66.999 66.999 Total	46,698 46,698	44,6 44,6
		ENVIRONMENTAL PROTECTION	N AGENCY Total	934,168	900,3
ARTMENT OF ENERGY Office of Science Financial Assistance Program					
Direct Awards Pass-Through from:			81.049	6,938,371	6,564,
California Institute of Technology	Cell To Ecosystem: Understanding Methane And Associated Nutrient Cycling By Sediment Hosted Syntrophic Consortia And Their Viral Predators	S451338	81.049	109,665	101,
Dartmouth College	Wurzburger - Dartmouth - Doe	R1310	81.049	68,387	63,
Massachusetts Institute of Technology Tufts University	Center For Integrated Simulation Of Fusion Relevant Rf Actuators Controlling Solid-State Packing And Properties Of Conjugated Materials With Discrete Aromatic Interactions Of Side Chains	S5360PO592820 DOE423_Wheeler	81.049 81.049	14,050 587	13,
University of Washington	Evaluating The Influence Of Plant-Climate Interactions And Feedbacks On Hydrologic Cycling: Quantifying And Validating The				
	Roles Of Plant Processes And Stomatal Conductance (Resubmission)	UWSC12420/BPO57272	81.049 81.049 Total	122,443 7,253,503	113, 6,856,
Conservation Research and Development Pass-Through from:					
University of California, San Diego	Degradable Biocomposite Thermoplastic Polyurethanes	705090	81.086 81.086 Total	104,123 104,123	96 96
Renewable Energy Research and Development Direct Awards			81.087	280,595	262
			81.087 Total	280,595	262
Fossil Energy Research and Development Pass-Through from:					
Florida A&M University	Innovative Biomonitoring And Remediation Of Heavy Metals Using Phytotechnologies At The Savannah River Site (Srs) Coal Combustion Product (Ccp) Impoundment Sites	C5161	81.089 81.089 Total	6,405 6,405	6
Environmental Monitoring/Cleanup, Cultural and Resource Mgmt., I	Emergency Response Research. Outreach. Technical Analysis		81.089 Fotal	6,405	6,
Direct Awards			81.214	4,684,670	4,430,6
			81.214 Total	4,684,670	4,430,6
Department of Energy Other Financial Assistance			-		
Department of Energy Other Financial Assistance Direct Awards Pass-Through from:			81.214 Total_ 81.999	4,684,670 108,686	
Direct Awards Pass-Through from: Argonne National Laboratory	Coordination Of Research Wilhin Tims Branch At SRS	3F-60048	81.999	108,686	100
Direct Awards Pass-Through from:	Coordination Of Research Within Tims Branch At SRS Reinforcing International Norproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Medias from Municipal Solid Waste Incineration Astres	3F-60048 607646 579612	81.999	108,686	100 12 55
Direct Awards Pass-Through from: Argone National Laboratory Batelle Batelle Batelle	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022	607646 579612 512932	81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272	100 12 55 26 16
Diract Awards Pass-Through from: Argonne National Laboratory Batelle Batelle Batelle Batelle	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides	607646 579612 512932 NA	81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741	100 12 55 26 16 10
Direct Awards Pass-Through from: Argone National Laboratory Batelle Batelle Batelle	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomning- 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise	607646 579612 512932	81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272	100 12 55 26 16 10 4
Direct Awards Pass-Through from: Argome National Laboratory Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle	Reinforcing Intermational Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tulion Support SRNL	607646 579612 512932 NA 598849 TOA # 0000547765 592793	81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530	100, 12, 55, 26, 16, 10, 4, 52,
Direct Awards Pass-Through from: Argome National Laboratory Batelle Batelle Batelle Batelle Batelle Batelle Batelle	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomning- 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise	607646 579612 512932 NA 598849 TOA # 0000547765 592793	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365	100, 12, 55, 26, 16, 10, 4, 52,
Direct Awards Pass-Through from: Argorne National Laboratory Batelle Satelle Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tulion Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging FyG0-24) Co2 Photocatalysis	607646 579612 512932 NA 598849 TOA#0000547765 592793 7481316 516654	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78)	100, 12, 55, 26, 16, 10, 4, 52, 364,
Direct Awards Pass-Through from: Argonne National Laboratory Batele	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biornining. 2022 Crystal Chemistry of Actinide Haldes and Chaleogenides Mimeratogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tillery Tulion Support SRNL Characterization Of Metal-Villazion And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Engina Fig-70-24)	607646 579612 512932 NA 598849 TOA # 0000547765 592793 7481316	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341	100 12 55 26 16 10 4 52 364 35
Direct Awards Pass-Through from: Argome National Laboratory Batelle Ba	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tution Support SNRL Characterization Of Meal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Engima Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Sref R&D Of Cementitous-Type Materials And Sol CBI Yrs 6-10	607646 579612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA099188 NA	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,638 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055	100, 12, 55, 26, 16, 10, 4, 52, 364, 35, 969,
Direct Awards Pass-Through from: Argome National Laboratory Batelle Cavrence Berkeley National Laboratory Savannah River Nuclear Solutions, LLC Savannah River Remediation, LLC UT-Battelle, LLC UT-Battelle, LLC UT-Battelle, LLC	Reinforcing Intermational Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tulion Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enjmar F2yo-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Sref RAD Of Cementilious-Type Materials And Sol CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448800 SRRA099188 NA 4000172831	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055 21,213	100, 12, 55, 26, 16, 10, 4, 52, 364, 35, 969, 919,
Direct Awards Pass-Through from: Argome National Laboratory Batelle Ba	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tution Support SNRL Characterization Of Meal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Engima Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Sref R&D Of Cementitous-Type Materials And Sol CBI Yrs 6-10	607646 579612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA099188 NA	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (00) 1,041,055 21,213 2,354,387 (1)	100. 12, 55, 26, 10, 10, 4, 52, 364, 35, 969, 19, 19, 2,186,
Direct Awards Pass-Through from: Argonne National Laboratory Batelle Cawrence Berkeley National Laboratory Savannah River Nuclear Solutions, LLC Savannah River Remediaton, LLC UT-Battele, LLC UT-Battele, LLC UT-Battele, LLC UT-Battele, LLC	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tation Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srel R&D Of Cementitious-Type Materials And Soll CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation	607646 576812 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA009188 NA 4000172831 4000172831 40001758359 XCE98201301	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055 24,213 2,354,387 (1) 4,147,642	100 12 55 26 16 10 4 52 364 35 969 999 999 2,186 3,863
Direct Awards Pass-Through from: Argorne National Laboratory Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Cavernoe Berkeley National Laboratory Savannah River Nuclear Solutions, LLC Savannah River Nuclear Solutions, LLC Savannah River Nuclear Solutions, LLC Savannah River Nuclear Solutions, LLC UT-Battele, LLC UT-Battele, LLC UT-Battele, LLC National Renewable Energy Laboratory	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tation Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srel R&D Of Cementitious-Type Materials And Soll CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation	607646 579612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA099188 NA 4000172831 4000172831	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (00) 1,041,055 21,213 2,354,387 (1)	100 12 55 26 16 10 4 52 364 35 969 999 999 2,186 3,863
Direct Awards Pass-Through from: Argome National Laboratory Batelle Ba	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tation Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srel R&D Of Cementitious-Type Materials And Soll CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation	607646 576812 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA009188 NA 4000172831 4000172831 40001758359 XCE98201301	81.999 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.900	108,686 13,351 59,838 27,962 17,272 11,741 4,530 50,365 172 393,341 (78) 1,041,055 21,213 2,254,387 (1) 4,147,642 16,476,938 129,096	100, 12, 55, 266, 16, 10, 0, 4, 52, 364, 35, 969, 19, 2,186, 3,863, 15,506, 129,
Direct Awards Pass-Through from: Argorne National Laboratory Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tation Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srel R&D Of Cementitious-Type Materials And Soll CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation	607646 576812 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA009188 NA 4000172831 4000172831 40001758359 XCE98201301	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 Total	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055 21,213 2,354,387 (1) 4,147,642 16,476,938	100 12 55 266 16 10 4 52 364 35 969 919 2,186 3,853 15,506
Direct Awards Pass-Through from: Argorine National Laboratory Battelle Batt	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tation Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srel R&D Of Cementitious-Type Materials And Soll CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation	607646 576812 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA009188 NA 4000172831 4000172831 40001758359 XCE98201301	81.999 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.900	108,686 13,351 59,838 27,962 17,272 11,741 4,530 50,365 172 393,341 (78) 1,041,055 21,213 2,254,387 (1) 4,147,642 16,476,938 129,096	100, 12, 55, 26, 16, 10, 4, 52, 364, 35, 969, 19, 2,186, 3,853, 15,506, 129,
Direct Awards Pass-Through from: Argorne National Laboratory Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mineralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tilley Tation Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enging Fy20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srel R&D Of Cementitious-Type Materials And Soll CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation	607646 576812 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA009188 NA 4000172831 4000172831 40001758359 XCE98201301	81.999 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.990 81.900	108,686 13,351 59,838 27,962 17,272 11,741 4,530 50,365 172 393,341 (78) 1,041,055 21,213 2,254,387 (1) 4,147,642 16,476,938 129,096	100, 12, 55, 26, 10, 10, 4, 52, 364, 35, 969, 19, 2,186, 3,853, 15,506, 129, 129, 129,
Direct Awards Pass-Through from: Argonne National Laboratory Batalle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Haildes and Chalcogenides Mireralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tillely Tulion Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bicreactors (Engma F/20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srer RAD Of Cementitious-Type Materials And Sol CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation EASyer: Accelerating A Method To Evolve New Enzymes	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SIRRA099188 NA 4000158359 XCE99201301 DEPARTMENT OF	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 51.999 7 potential 84.021 84.021 84.021	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 3,7,888 (80) 1,041,055 21,213 2,354,387 (1) 4,147,642 16,476,938 129,096 129,096 3,508 3,508	100 12 55 266 16 10 0 4 52 364 355 969 919 2.166 3.853 15,506 129 129 129 129 129 13 3 3 3 3 3 3 3
Direct Awards Pass-Through from: Argenne National Laboratory Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Haildes and Chalcogenides Mireralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tillely Tulion Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bicreactors (Engma F/20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srer RAD Of Cementitious-Type Materials And Sol CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation EASyer: Accelerating A Method To Evolve New Enzymes	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SIRRA099188 NA 4000158359 XCE99201301 DEPARTMENT OF	81.999 81.991 81.992 81.993 81.993 81.993 81.994 81.995	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055 21,213 2,354,387 (1) 4,147,642 16,476,938 129,096 129,096 129,096	100 12 55 266 16 100 4 52 364 35 969 99 99 99 99 92,186 3,863 3,863 15,506 129 129 129 129 129
Direct Awards Pass-Through from: Argome National Laboratory Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Batelle Cavernone Berkeley National Laboratory Savannah River Nuclear Solutions, LLC Savannah River Fuelear Solutions, LLC Savannah River Fuelear Solutions, LLC UT-Battelle, LLC UT-Battelle, LLC UT-Battelle, LLC UT-Battelle, LLC Variational Renewable Energy Laboratory Antional Renewable Energy Laboratory ArtMENT OF EDUCATION Direct Awards SPECIAL EDUCATION CLUSTER (IDEA) Special Education Grants to States Pass-Through from: Clark County School District	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Haildes and Chalcogenides Mireralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tillely Tulion Support SRNL Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bicreactors (Engma F/20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srer RAD Of Cementitious-Type Materials And Sol CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation EASyer: Accelerating A Method To Evolve New Enzymes	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SIRRA099188 NA 4000158359 XCE99201301 DEPARTMENT OF	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 7 total 84.021 84.021 84.021 84.027 7 total 84.181	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (17) 3,7,888 (80) 1,041,055 21,213 2,354,387 (11) 4,147,642 16,476,938 129,096 129,096 3,508 3,508 3,508 112,568	100 12 55 26 16 100 4 52 364 35 969 19 19 2.186 3.853 15,506 129 129 129 129 129 129 129 129
Direct Awards Pass-Through from: Argenne National Laboratory Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Haildes and Chalcogenides Mireralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tillely Tulion Support SRN. Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bicreactors (Engma F/20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srer RAD Of Cementitious-Type Materials And Sol CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation EASyer: Accelerating A Method To Evolve New Enzymes	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SIRRA099188 NA 4000158359 XCE99201301 DEPARTMENT OF	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 7 ENERGY Total 84.021 84.021 84.021 84.027 85.027	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055 21,213 2,354,387 (1) 4,147,642 16,476,938 129,096	100, 12, 55, 26, 16, 10, 4, 52, 364, 35, 969, 19, 2,186, 3,883, 15,506, 129, 129, 129, 129, 129, 129, 129, 58, 58, 58, 58,
Direct Awards Pass-Through from: Argenne National Laboratory Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Halides and Chalcogenides Mireralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Smo) In Regulatory And Policy Expertise Tiller Tulino Support SRN. Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bioreactors (Enginer F2/02-24) Co2 Photocatalysis Sins Tims Tims Tand Scientific Focus Area Sirel R&D Of Cementitious-Type Materials And Sol CBI Yis 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation EASyer: Accelerating A Method To Evolve New Enzymes Caber Demonstration Classroom 2019-2020	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SRRA099188 NA 4000158359 XCE99201301 DEPARTMENT OF	81.999 81.99 8	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 3,7,888 (80) 1,041,055 21,213 2,354,387 (1) 4,147,642 16,476,938 129,096 129,096 129,096 129,096 129,096 125,088 112,568	100, 12, 55, 26, 16, 10, 4, 52, 364, 35, 969, 19, 2,186, 3,853, 15,506, 129, 129, 129, 129, 129, 129, 58, 58, 58, 58, 58, 58, 58, 58
Direct Awards Pass-Through from: Argorne National Laboratory Batelle B	Reinforcing International Nonproliferation Norms And Regimes Against Russian Malign Influence Characterization and Recovery of Critical Metals from Municipal Solid Waste Incineration Ashes Critical Element Biomining - 2022 Crystal Chemistry of Actinide Haildes and Chalcogenides Mireralogy And Cation Exchange Capacity Of F-Area Aquifer Subject Matter Experts (Sme) In Regulatory And Policy Expertise Tillely Tulion Support SRN. Characterization Of Metal-Utilization And Metal-Resistant Mechanisms Of Isolates/Communities In Groundwater, Sediment And Bicreactors (Engma F/20-24) Co2 Photocatalysis Sms Tims Branch Wetland Scientific Focus Area Srer RAD Of Cementitious-Type Materials And Sol CBI Yrs 6-10 Numerical Methods For Adaptive Sparse Grid Discretization The Center For Bioenergy Innovation EASyer: Accelerating A Method To Evolve New Enzymes	607646 570612 512932 NA 598849 TOA # 0000547765 592793 7481316 516654 448600 SIRRA099188 NA 4000158359 XCE99201301 DEPARTMENT OF	81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 81.999 7 ENERGY Total 84.021 84.021 84.021 84.027 85.027	108,686 13,351 59,838 27,962 17,272 11,741 4,530 56,365 172 393,341 (78) 37,888 (80) 1,041,055 21,213 2,354,387 (1) 4,147,642 16,476,938 129,096	100, 12, 55, 26, 16, 10, 4, 52, 364, 35, 969, 19, 2,186, 3,863, 129, 129, 129, 129, 129, 129, 129, 58, 58, 58, 58,

r/ :y	Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Provided to Subrecipient
Research in Special Pass-Through fro	m:					
University of Ker	ntucky Research Fdn	Developing Enhanced Assessment Tools For Capturing Students Procedural Skills And Conceptual Understanding In Math	304811261516001	84.324 84.324 Total	(11,892) (11,892)	(11,0) (11,0)
Special Education - F Direct Awards	Personnel Development to Improve Services and	Results for Children with Disabilities		84.325	216,045	214,5
Pass-Through from						
	niversity Research Foundation	CEEDAR Funds Preparing Leadership in Adapted Physical Education through an Interuniversity Collaboratory: Project CAPER	NA 23110100952010	84.325 84.325	168 16,689	1 16,4
University of Cor	nnecticut	Doctoral Training Consortia To Train Doctoral Students In Early Childhood Intervention For Infants And Young Children With High-Intensity Needs Because Of Significant Intellectual And Developmental Disabilities (Idd)	UCHC7127389375	84.325	106,298	106,2
Vanderbilt Unive Vanderbilt Unive		Iris Iv National Center For Leadership In Intensive Intervention	UNIV60494 UNIV61390	84.325 84.325	12,566 95,336	12,3
Special Education Te	echnical Assistance and Dissemination to Improv	ve Services and Results for Children with Disabilities		84.325 Total	447,102	443,6
Direct Awards				84.326 84.326 Total	356,254 356,254	349,2 349,2
COVID-19: Education Pass-Through from GA Office of Pla	m:	Educational Support of Rock Eagle 4-H Center Following Impacts of COVID-19	NA	84.425C	490,591	490,5
GA Onice of Pla	anning a budger	Euclational Support of Rock Eagle 4-r Center Following Impacts of COVID-19	NA	84.425C Total	490,591	490,
			DEPARTMENT OF E	DUCATION Total	2,209,872	2,163,
	RECORDS ADMINISTRATION rublications and Records Grants			89.003	75,070	75,
Direct Awards				89.003 Total	75,070	75,
		NATIONAL ARC	HIVES AND RECORDS ADMINI	STRATION Total	75,070	75,
Medical Reserve Cor	AND HUMAN SERVICES rps Small Grant Program					
Pass-Through from St Jude Children	m: n's Research Hospital	Natural History Of Influenza A Viruses In Wild Bird Populations: Understanding Reservoris And Risks	1119780517813993	93.008	2,403	2,
				93.008 Total	2,403	2
Pass-Through from						
Northeast Georg	gia Area Agency on Aging	NEGA Wellness program 2020	NA	93.043 93.043 Total	(2,793) (2,793)	(2
COVID-19: Global All	ns					
Pass-Through fro Emory University	m:	Credid 10: Emery Llas Cairo: Hay Dass Bassintary Infection Affect Core 2 Infection In Exercise (Cairo Online 204)	A344265	93.067	4,377	4
Emory University	y	Covid-19; Emory-Uga Ceirs: How Does Respiratory Infection Affect Sars-2 Infection In Ferrets? (Ceirs Option 20A) Covid-19; Emory-Uga Ceirs: Coronavirus Protein Production	A400483	93.067	28,255	26
Emory University	y	Covid-19; Emory-Uga Ceirs: How Does Respiratory Infection Affect Sars-2 Infection In Ferrets? (Ceirs Option 20)	A344228	93.067	18,236	16
Global AIDS Pass-Through fro						
Emory University		Emory-Uga Ceirs: Immunological Investigation Of Vaccine-Associated Enhanced Respiratory Disease (Vaerd) In The Porcine Model (Option 16B)	HHSN272201400004C	93.067	(261)	
Emory University Emory University		Emory-Uga Ceirs Emory Uga Ceirs:Evaluating Immune Response In Human	A180258 T848250	93.067 93.067	(2,177)	(2,
Facility and the Data	la Usalih and Emission Designation			93.067 Total	48,429	44
Pass-Through from					17.007	
GA Department GA Department		Reimbursement for Asthma Self-Management Education and Healthy Home Assessment Comprehensive Asthma Control In Georgia: Evidence- Based Strategies And Public Health-Health Care	NA NA	93.070 93.070 93.070 Total	17,997 654 18,651	17,
Family Smoking Prev	vention and Tobacco Control Act Regulatory Res	search		···· -	.,	
Direct Awards				93.077 93.077 Total	192,593 192,593	189,5 189,5
Prevention of Diseas Pass-Through fro	se, Disability, and Death by Infections Diseases					
University of Per University of Flo		The Eukaryotic Pathogen Bioinformatics Resource Center (Eupathdb) Building Mathematical Modeling Workforce Capacity To Support Infectious Disease And Healthcare Research	57279629675001000000 SUB00003546	93.084 93.084	(1,402) 33,057	(1, 30,
				93.086 Total	31,655	29,
Healthy Marriage Pro Direct Awards	omotion and Responsible Fatherhood Grants			93.086	1,295,513	1,244,
Food and Drug Admi	inistration Research			93.086 Total	1,295,513	1,244,
Direct Awards				93.103	110,369	102,
Pass-Through fro	ersity	Integration Of A Mulli-Pronged Standardized Methodology To Identify Key Diseases And Prioritized Antimicrobial Alternatives In Production Animals.	026072B	93.103 93.103 Total	32,043 142,412	29,
Pass-Through from Iowa State Unive					2,712	
	th					639
Iowa State Unive Environmental Healt Direct Awards Pass-Through fro	m:			93.113	689,467	
Iowa State Unive Environmental Healt Direct Awards Pass-Through froi Dartmouth Colle Emory University	m: ge y	Mechanisms And Indicators Of Inflammasome Signaling in Parkinson's Disease Combustion Of Plastic Waste And Human Health Effects in Guatemala	R1562 Pend 6/1* A541551	93.113 93.113 93.113	689,467 189,483 27,552	175, 25,
lowa State Unive Environmental Healt Direct Awards Pass-Through fro Dartmouth Colle	m: ge y			93.113	189,483	
Iowa State Unive Environmental Healt Direct Awards Pass-Through froi Dartmouth Colle Emory University	m: ge y y	Combustion Of Plastic Waste And Human Health Effects In Guatemala Charter: (Center For) Children's Health Assessment And Research Translation And Combating Environmental Racism (Translation Core) Assessing the 5-Year Effects of a 500-day Liquefied Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Poliution Intervention Network (HAPIN) trial	Pend 6/1* A541551	93.113 93.113	189,483 27,552	25,
Iowa State Unive Environmental Healt Direct Awards Pass-Through fro Dartmouth Colle Emory University Emory University	m: gg y y	Combustion Of Plastic Waste And Human Health Effects In Guatemala Charter: (Center For) Children's Health Assessment And Research Translation And Combating Environmental Racism (Translation Core) Assessing the 5-Year Effects of a 500-day Liquefied Petroleum Gas Cooking Intervention: Continued Follow up of Participants	Pend 6/1* A541551 A586238	93.113 93.113 93.113	189,483 27,552 94,768	25 87 15
Iowa State Unive Environmental Healt Direct Awards Pass-Through fron Dartmouth Colle Emory University Emory University Emory University	m: ge y y	Combustion Of Plastic Waste And Human Health Effects In Guatemala Charter: (Denter For) Children's Health Assessment And Research Transitation And Combating Environmental Racism (Translation Core) Assessing the 5-Year Effects of a 500-day Liguefied Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) trial CHARTER; (Center for) Children's Health Assessment and Research Transitation and combating Environmental Racism	Pend 6/1* A541551 A586238 A588497	93.113 93.113 93.113 93.113	189,483 27,552 94,768 16,362	25 87 15 13
Iowa State Unive Environmental Healt Direct Awards Pass-Through fro Dartmouth Calle Emory University Emory University Emory University Emory University	m: ge y y y	Combustion Of Plastic Waste And Human Health Effects In Guatemala Charter: (Center For) Children's Health Assessment And Research Translation And Combating Environmental Racism (Translation Core) Assessing the 5-Year Effects of a 500-day Liquefied Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) Irial CHARTER: (Center for) Children's Health Assessment and Research Translation and combating Environmental Racism (Administrative Core) Assessing the 5-Year Effects of a 500-day Liquefied Petroleum Gas Cooking Intervention: Continued Follow up of Participants	Pend 6/1* A541551 A586238 A588497 A593483	93.113 93.113 93.113 93.113 93.113	189,483 27,552 94,768 16,362 15,030	25 87
Iowa State Unive Environmental Healti Direct Awards Pass-Through fro Dartmouth Colle Emory University Emory University Emory University Emory University Emory University	im: ge y y y y cool of Medicine	Combustion Of Plastic Waste And Human Health Effects In Guatemala Charter: (Centre For) Children's Health Assessment And Research Translation And Combating Environmental Racism (Translation Core) Assessing the 5-Year Effects of a 500-day Liquefled Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) trial CHARTER: (Center for) Children's Health Assessment and Research Translation and combating Environmental Racism (Administrative Core) Assessing the 5-Year Effects of a 500-day Liquefled Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) trial	Pend 6/1* A541551 A586238 A588497 A593483 A731216	93.113 93.113 93.113 93.113 93.113 93.113 93.113	189,483 27,552 94,768 16,362 15,030 38,840 54,535	25 87 15 13 35 53
Iowa State Unive Environmental Healti Direct Awards Pass-Through fron Dartmouth Colle Emory University Emory University Emory University Emory University Emory University Emory University	m: ge y y y ool of Medicine Isordørs Research m:	Combustion Of Plastic Waste And Human Health Effects In Guatemala Charter: (Centre For) Children's Health Assessment And Research Translation And Combating Environmental Racism (Translation Core) Assessing the 5-Year Effects of a 500-day Liquefled Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) trial CHARTER: (Center for) Children's Health Assessment and Research Translation and combating Environmental Racism (Administrative Core) Assessing the 5-Year Effects of a 500-day Liquefled Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) trial	Pend 6/1* A541551 A586238 A588497 A593483 A731216	93.113 93.113 93.113 93.113 93.113 93.113 93.113	189,483 27,552 94,768 16,362 15,030 38,840 54,535	25 87 15 13 35 53

Program		Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amour Provided Subrecipie
Direct Awards		u rivyrans		93.136 93.136 Total	46,368 46,368	4
COVID-19: Community Programs to Imp Pass-Through from:	rove Minority Health Grant Pro					
Albany State University Community Programs to Improve Mino	rity Hoalth Grant Program	Evaluation of the Advancing Health Literacy to Enhance Equitable Community Response to COVID-19	NA	93.137	139,814	13
Direct Awards	nty Health Grant Program			93.137 93.137 Total	431,165 570,979	41 54
NIEHS Superfund Hazardous Substance Pass-Through from:	es_Basic Research and Educatio					
Northeastern University Northeastern University		Puerto Rico Testsite for Exploring Contamination Threats (PROTECT) - Renewal Year 2 Puerto Rico Testsite for Exploring Contamination Threats (PROTECT) - Renewal Year 3	50068278050 50087678051	93.143 93.143 93.143 Total	(878) 125,237 124,359	1
Health Program for Toxic Substances an	nd Disease Registry					
Pass-Through from: Emory University		Pediatric Environmental Health Specialty Units (PEHSU) Program (Year 3)	A642015	93.161	20,705	
Emory University		Pediatric Environmental Speciality Unit (PEHSU): COVID /EJ Supplement	A646338	93.161 93.161 Total	13,816 34,521	
Human Genome Research Pass-Through from:						
Marquette University		Collaborative Research: Edge Fgt: Development Of Functional Genetic Tools In Geckos	2439-01-01	93.172 93.172 Total	6,481 6,481	
Research Related to Deafness and Com Direct Awards	munication Disorder			93.173	206,369	1
				93.173 Total	206,369	1
Graduate Psychology Education Direct Awards				93.191 93.191 Total	498,658 498,658	4
Research and Training in Complementa Pass-Through from:	ry and Integrative Health			33.131 Total_	430,030	
University of Minnesota		Multi-Level Predictors Of Structural Racism And Discrimination And Associations With Health And Well Being Across The Life Course	N009621401	93.213	220,275	2
University of Minnesota		Multi-Level Predictors Of Structural Racism And Discrimination And Associations With Health And Well-Being Across The Life Course In Diverse Families. Supplement Andrea Trejo	N009621402	93.213	18,907	
Research on Healthcare Costs, Quality a	and Outcomes			93.161 Total	239,182	2
Direct Awards				93.226	666,467	6
				93.226 Total	666,467	6
	ucation (Title V State SRAE) Prog	gra		93.226 Total	666,467	6
Title V State Sexual Risk Avoidance Edu Pass-Through from: GA Department of Human Services	ucation (Title V State SRAE) Prog	gra Promoting Positive Youth Development Through Relationship Education	NA	93.226 Total _ 93.235 _ 93.235 Total _	(848) (848)	6
Pass-Through from: GA Department of Human Services Mental Health Research Grants	ucation (Title V State SRAE) Prog		NA	93.235 93.235 Total	(848) (848)	
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from:		Promoting Positive Youth Development Through Relationship Education		93.235	(848) (848) 2,231,372	
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital		Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd	NA 306236 126370-UGA	93.235 93.235 Total	(848) (848)	2,1
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pligrim Health Care, Inc.		Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups in Adolescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care	306236 126370-UGA AH000711	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242	(848) (848) 2,231,372 1,831 19,329 (27,510)	2,
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital		Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd	306236 126370-UGA	93.235 93.235 Total 93.242 93.242 93.242 93.242	(848) (848) 2,231,372 1,831 19,329	2,
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnait Children's Hospital Medica Hartford Hospital Harvard Pligrim Health Care, Inc. Yale University	i Center	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network	306236 126370-UGA AH000711	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.243	(848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381	2,
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Harard Plajimi Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network	306236 126370-UGA AH000711	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.242 93.242 Total	(848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297	2,
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Harard Plajimi Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Adolescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network	306236 126370-UGA AH000711	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.243	(848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381	2,
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hardrord Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearra Trainee	306236 126370-UGA AH000711	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.242 93.243	(848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381	2,-
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Set Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearrs Trainee Haynes - #Riseandgrind: Impact Of Overwork Climate And Stressor Appraisal Configurations On Changes In Workaholism And Heath	306236 126370-UGA AH000711 GR110885CON80002757 SPC-1000007188 / GR129299 000535051-S0006-SC002	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.243 93.243 Total 93.243 Total 93.243 Total	(848) (849) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381	2,-
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hardrord Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addessent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearra Trainee Haynes#Riskandignicit: Impact Of Overwork Climate And Stresson Appresia Configurations On Changes In Workaholism And	306236 126370-UGA AH00711 GR110985CON80002757 SPC-1000007188 / GR129299	93,235 93,235 Total 93,242 93,242 93,242 93,242 93,243 93,243 93,243 93,243 93,243 93,262 93,262 93,262	(848) (849) 2,231,372 1,831 10,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 14,201 6,280 10,000 11,055	2,
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Montal Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of South Florida	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Adolescent Adhd Distribution of Ohlid Mental Health Workforce and Ohlidren's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stovers As Part Of A Multicounty Cochors Sub Y - Katherine Kearar Trained HaynesRiskandgrint: Impact Of Overvork Climate And Stressor Apraelad Configurations On Charges In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Devan Campbell	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S2006-SC002 000535051-S2006-SC002	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.242 93.243 93.243 93.243 93.243 93.243 93.262 93.262	(848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 142,381	2,
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Montal Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of South Florida	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Adolescent Adhd Distribution of Ohlid Mental Health Workforce and Ohlidren's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stovers As Part Of A Multicounty Cochors Sub Y - Katherine Kearar Trained HaynesRiskandgrint: Impact Of Overvork Climate And Stressor Apraelad Configurations On Charges In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Devan Campbell	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S2006-SC002 000535051-S2006-SC002	93,235 93,235 Total 93,242 93,242 93,242 93,242 93,243 93,243 93,243 93,243 93,243 93,262 93,262 93,262	(848) (849) 2,231,372 1,831 10,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 14,201 6,280 10,000 11,055	2,
GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnal Children's Hospital Medica Harard Pligrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of Alabama University of South Florda Immunization Cooperative Agreements	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Adolescent Adhd Distribution of Ohlid Mental Health Workforce and Ohlidren's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stovers As Part Of A Multicounty Cochors Sub Y - Katherine Kearar Trained HaynesRiskandgrint: Impact Of Overvork Climate And Stressor Apraelad Configurations On Charges In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Devan Campbell	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S2006-SC002 000535051-S2006-SC002	93,235 93,235 Total 93,242 93,242 93,242 93,242 93,243 93,243 Total 93,243 Total 93,262 93,262 93,262 93,262 93,262 93,262	(848) (849) 2,231,372 1,831 19,329 (27,510) 464,275 2,659,297 142,381 142,381 142,381 142,381 14,201 6,280 10,000 11,055 41,536 53,318	2,
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Adolescent Adhd Distribution of Ohlid Mental Health Workforce and Ohlidren's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stovers As Part Of A Multicounty Cochors Sub Y - Katherine Kearar Trained HaynesRiskandgrint: Impact Of Overvork Climate And Stressor Apraelad Configurations On Charges In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Devan Campbell	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S2006-SC002 000535051-S2006-SC002	93,235 93,235 Total 93,242 93,242 93,242 93,242 93,243 93,243 Total 93,243 Total 93,262 93,262 93,262 93,262 93,262 93,262	(848) (849) 2,231,372 1,831 19,329 (27,510) 464,275 2,659,297 142,381 142,381 142,381 142,381 14,201 6,280 10,000 11,055 41,536 53,318	2,1
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hardrod Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards Alcohol Research Programs Direct Awards Pass-Through from: Emcy University	l Center rvices Projects of Regional and I	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Revard Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearrs Trainee Haynes - #Riseandgrind: Impact Of Overwork Climate And Stressor Appraisal Configurations On Changes In Workaholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Deven Campbell Antecedents and Outcomes of Daily Profiles of Trajectories of Recovery Experiences (Sunshine ERC Pilot)	306236 126370-UGA AH000711 GR110865CON80002757 SPC-1000007188 / GR129299 000535051-S0006-SC002 000535051-S0006-SC003 64201011108 PO P000025295	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.243 93.243 93.243 Total 93.243 93.243 Total 93.243 93.243 Total 93.242 93.262 93.262 93.262 93.262 93.262 93.262 Total 93.268 93.268 Total	(848) (848) (849) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 142,381 142,381 53,318 53,318 53,318 53,318	2,1 4 2,1 1 1 1 1
Pass-Through from: GA Department of Human Services Mental Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartord Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards Direct Awards Pass-Through from: Emory University Emory University Emory University University of South Florida	l Center rvices Projects of Regional and I n	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Revard Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearrs Trainee Haynes - #Riseendgrind: Impact Of Overwork Climate And Stressor Appraisal Configurations On Changes In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Deven Campbell Antecedents and Outcomes of Daily Profiles of Trajectories of Recovery Experiences (Sunshine ERC Pilot)	306236 126370-UGA AH00711 GR110985CON80002757 SPC-1000007188 / GR129299 000535061-S0006-SC002 000535061-S0006-SC003 64201011108 PO P000025295	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.242 93.243 93.243 93.243 70tal 93.262 93.262 93.262 93.262 93.262 93.262 93.268 93.268 93.268 93.268 93.273	(848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 142,381 142,381 142,381 5,3318 53,318 53,318	2,1
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartord Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards Direct Awards Pass-Through from: Emory University Emory University Emory University Emory University Emory University Emory University Emory University Emory University Emory University Fosch	l Center rvices Projects of Regional and I n	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicounity Cookstore Study - Katherine Kearns Trainee Haynes - #Riseandgrind: Impact Of Overvork Climate And Stressor Appraisal Configurations On Changes In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Deven Campbell Antecedents and Outcomes of Daily Profiles of Trajectories of Recovery Experiences (Sunshine ERC Pilot) Acchol And The Alvedar Epithelial Barrier Treatment For Achochol Use Discorder In Medicaid Managed Care Risk and Resilience Pathwaya Linking Community Adversity Docision Making, and Alcohol Misuse: A Prospective Study of Appaticalina Addescents	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S0006-SC002 000535051-SP006-SC003 64201011108 PO P000025295	93235 93235 Total 93242 93242 93242 93242 93242 93242 93242 93243 93243 Total 93262 93262 93262 93262 93262 93262 93268 Total 93268 Total	(848) (848) (844) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 142,381 142,381 142,381 5,318 53,318 53,318 979,814 19,762 6,318	2,1
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Mental Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards Direct Awards Pass-Through from: Emcry University Emcy University Emcry University University of South Carolina	l Center rvices Projects of Regional and I n	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearns Trainee Haynes - #Riseandgrind: Impact Of Overwork Climate And Stressor Appraisal Configurations On Changes In Workaholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Devan Campbell Antecedents and Outcomes of Daily Profiles of Trajectories of Recovery Experiences (Sunshine ERC Pliot)	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S0006-SC002 000535051-SP006-SC003 64201011108 PO P000025295 64201011108 PO P000025295	93235 93235 Total 93242 93242 93242 93242 93242 93242 93243 93243 93243 93243 93262 93262 93262 93262 93262 93262 93262 93268 93268 93268 93268 93268 93268 93268 93273 93273 93273	(848) (848) (844) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 142,381 142,381 142,381 142,381 142,381 5,318 53,318 53,318 979,814 19,762 6,318 212,472	
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Montal Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of Alabama University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards Pass-Through from: Emory University Emory University Emory University University of South Carolina West Virginia University Research Co Yale University Drug Abuse and Addiction Research Programs	l Center rvices Projects of Regional and I n	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Reward Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearns Trainee Haynes - #Riseandgrind: Impact Of Overwork Climate And Stressor Appraisal Configurations On Changes In Workaholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Devan Campbell Antecedents and Outcomes of Daily Profiles of Trajectories of Recovery Experiences (Sunshine ERC Pliot) Akohol And The Alvedar Epithelial Barrier Testing a new strategy to reduce alcohol consumption by pH Trastment For Alcohol Use Disorder In Medicaid Managed Care Risk and Realine Pathwase. Unking Community Adversity Decision Making, and Alcohol Misuse: A Prospective Study of Appalachian Addescents Understanding Relapes And The Impact Of Social Networks And Geographic Settings During Treatment For Alcohol Misuse	306236 126370-UGA AH000711 GR110985CON80002757 SPC-1000007188 / GR129299 000535051-S0006-SC002 000535051-SP006-SC003 000535051-SP006-SC003 6420101110B PO P000025295 6420101110B PO P000025295 24403540 A547722 2144552000058170 PEND 7/1/23	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.243 93.243 93.243 701al 93.243 93.273 93.273 93.273 93.273 93.273 93.273 93.273 93.273 93.273	(848) (848) (848) 2,231,372 1,831 19,329 (27,510) (464,275 2,689,297 142,381 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 143,388 144,3988 144,3988 144,3988 144,3988 144,3988 144,3988 144	2,1 4 2,1 1 1 1 1 1 1 2 2 1,3
Pass-Through from: GA Department of Human Services Montal Health Research Grants Direct Awards Pass-Through from: Cincinnati Children's Hospital Medica Hartford Hospital Harvard Pilgrim Health Care, Inc. Yale University Substance Abuse and Montal Health Ser Direct Awards Occupational Safety and Health Program Pass-Through from: Ohio State University University of Alabama University of Alabama University of South Florida Immunization Cooperative Agreements Direct Awards Pass-Through from: Emory University University of South Florida Immunization Cooperative Agreements Direct Awards Pass-Through from: Emory University University of South Carolina West Virginia University Research Co Yale University Drug Abuse and Addiction Research Pror Direct Awards	l Center rvices Projects of Regional and I n	Promoting Positive Youth Development Through Relationship Education Emotion Coaching Skills As An Augmentation To Family Computational Modeling-Informed Revard Subgroups In Addescent Adhd Distribution of Child Mental Health Workforce and Children's Mental Health Care ProNET: Psychosis-Risk Outcomes Network National Significance Comparing Nitrogen Dioxide Concentrations In Homes Using Biomass Stoves To Homes Using Liquefied Petroleum Gas Stoves As Part Of A Multicountry Cookstove Study - Katherine Kearrs Trainee Haynes - #Riseandgrind: Impact Of Overwork Climate And Stressor Appraisal Configurations On Changes In Worksholism And Health Determinants Of Black Carbon Exposure Among Pregnant Women In Four Diverse Countries. Student: Deven Campbell Antecedents and Outcomes of Daily Profiles of Trajectories of Recovery Experiences (Sunshine ERC Pilot) Acchol And The Avecdar Epithelial Barrier Training a new strategy to reduce alcohol consumption by pH Trainment For Accholu Use Dioxer In Medicad Managed Care Risk and Resilience Pathways Linking Community Adversity Dacksion Making, and Akohol Misuse: A Prospective Study of Appatiation In Addescare IN Artecedents Risk and Resilience Pathways Linking Community Adversity Dacksion Making, and Akohol Misuse: A Prospective Study of Appatiation Addescares Norderstanding Relagos And The Impact Of Social Networks And Geographic Settings During Treatment For Alcohol Misuse Resubmision Via Yale	306236 126370-UGA AH000711 GR110865C0N80002757 SPC-1000007188 / GR129299 000535051-S0006-SC003 64201011108 PO P000025295 64201011108 PO P000025295 A403540 A547722 2144552000058170 PEND 7/1/23 GR104576	93.235 93.235 Total 93.242 93.242 93.242 93.242 93.242 93.243 93.243 93.243 93.243 93.243 93.243 93.243 93.243 93.243 93.243 93.243 93.242 93.262 93.262 93.262 93.262 93.262 93.262 93.262 93.262 93.262 93.263 93.273 93.273 93.273 93.273 93.273 93.273 93.273	(848) (848) (848) 2,231,372 1,831 19,329 (27,510) 464,275 2,689,297 142,381 14	2.1 (4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Discovery and Applied Research for Technology		Project Name	Identifying Number	ALN #	Federal Expenditures	Provided t Subrecipier
	ogical Innovations to Improv	re Human Health				
Direct Awards				93.286	149,819	148,
Pass-Through from:		Oursease Distance Of Malazia As A Madal Of Last Data and International (One Vers F) Utan 070004000040	T000770/T000704	00.000	(45)	
Emory University FCS Technology, LLC		Systems Biology Of Malaria As A Model Of Host- Pathogen Interactions (Core Year 5) Hhsn272201200031C High Recovery Rate And High Purity Enrichment Of Circulating Tumor Cells - Resubmission - 1	T693776/T693791 NA	93.286 93.286	(45) (10,701)	(9,
University of Texas at Austin		Synthetic Biology For Controlled Release	SUB0000263	93.286	97,087	(3, 90,
·				93.286 Total	236,160	228,
Minority Health and Health Disparities Resear Direct Awards	ch			93.307	776	7
Pass-Through from:						
Florida State University		The Health For Hearts United Collaborative	R000002852	93.307	5,650	5,2
New York University		Using Agent-Based Modeling To Compare Strategies That Can Reduce Rural-Urban Disparities In Cardiovascular Disease	22A0001008788	93.307	126,018	116,
New York University		Using Agent-Based Modeling To Compare Strategies That Can Reduce Rural-Urban Disparities In Cardiovascular Disease	PO M230618798	93.307 93.307 Total	106,674 239,118	98, 221,
Trans-NIH Research Support Direct Awards Pass-Through from:				93.310	2,476,571	2,370,5
George Washington University		Harmonization Of Glygen Glycoconjugate And Glycan Array Data For Integration Into Cfde	21M33	93.310	63,400	58,
George Washington University		Harmonization Of Glygen Glycoconjugate And Glycan Array Data For Integration Into Cfde	23M10	93.310	186,331	172,
Northeastern University		Environmental Influences On Child Heath Outcomes In Puerto Rico (Echo-Pro); Year 2	50055978052 P1803156	93.310	(3,318)	(3,
Northeastern University		Environmental Influences on Child Health Outcomes in Puerto Rico (ECHO-PRO), Year 6	500780-78050	93.310	49,491	45,
Northeastern University University of MichiGAn		Environmental Influences on Child Health Outcomes in Puerto Rico (ECHO-PRO), Year 7 Inter-Lab Comparison Of Unknowns In Polar Metabolomics Data - Y4 Mcidc Supplement	TBD-78052 SUBK00015449	93.310 93.310	115,939 30,759	107, 28,
University of North Texas		Improving Prediction of Beneficiary-level Medical Costs by Incorporating Social Determinants of Health Indicators in Risk	30BR00013449	93.310	30,759	20,
		Adjustment Models to Address Health Disparities: A Machine Learning Approach	RF00280SUB00159	93.310	132,384	122,
University of Texas Southwestern Medical 0	Center	New Tools for Studying GlcNAc Biology	GMO_190802 PO#0000001820	93.310 93.310 Total	720 3,052,277	2,903,
Outreach Programs to Reduce the Prevalence	e of Obesity in High Risk Ru	al Areas				,,
Direct Awards				93.319 93.319 Total	1,438,956 1,438,956	1,354, 1,354 ,
Epidemiology and Laboratory Capacity for In	fectious Diseases (ELC)					
Pass-Through from: GA Department of Public Health		Developing State Molecular Epidemiology Capabilities	4050005022224020	93.323	100.979	93.
		t		93.323 Total		93,
COVID 19: National Center for Advancing Tra	nalational Salanasa					
COVID-19: National Center for Advancing Tra Pass-Through from:	nsiational Sciences					
Emory University		Covid-19 Patients	A518461	93.350	2,485	2,
National Center for Advancing Translational S	Sciences					
Pass-Through from:						
Emory University		Prevalence of Vitamin D Deficiency in Cord Blood from the National Children's Study: Impact of Race/Ethnicity, Preterm birth				
		and the Association with Biochemical Markers of Rickets	A518425	93.350	26,947	24,9
Emory University		Award - CTSA: Artificial Intelligence Solutions for Effective Video Review of Medication Adherence Monitoring: A Pilot Study	A402388	93.350	490	
Emory University Emory University		Georgia Clinical and Translational Science Alliance (Georgia CTSA) - KL2 Scholar Award Georgia Clinical and Translational Science Alliance (Georgia CTSA) - KL2 Admin	A731680 A733199	93.350 93.350	153,321 32,636	150, 32,
Emory University		Georgia Clinical and Translational Science Alliance (Georgia CTSA) - KL2 Admin Georgia Clinical & Translational Science Alliance (Georgia CTSA Renewal)	A737185	93.350	1,035,061	959,
Emory University		Building a Stroke Patient Research Network in Athens and Northeast Georgia (GaCTSA Pilot Project)	A738060	93.350	13,726	12,
Emory University		A Community Nutrition Initiative to Promote Healthy Eating Behavior Changes and Food Security in Expecting Families by Utilizing the University of Georgia (UGA) Expanded Food and Nutrition Education Program (EFNEP) (CTSA)	A739191	93 350	34.607	32.
Emory University		Georgia Clinical & Translational Science Alliance (Gactsa) - Ul1	T916186	93.350	(47,148)	(44,
				93.350 Total	1,252,125	1,169,
				02 251	1 179 505	1 110
Direct Awards				93.351	1,178,595	1,110,
		Feasibility Study Of Hif2A Inhibitor Pf2385 To Treat Muscle Strain Injury	1R41OD030519-01	93.351	4,275	3,9
Pass-Through from: HAWA Therapeutics LLC	Maanshat	Feasibility Study Of Hif2A Inhibitor PI2385 To Treat Muscle Strain Injury	1R410D030519-01		4,275	3,9
Direct Awards Pass-Through from: HAWA Therapeutics LLC	Moonshot	Feasibility Study Of Hif2A Inhibitor Pi2385 To Treat Muscle Strain Injury		93.351	4,275	3,9
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer	Moonshot	Feasibility Study Of Hif2A Inhibitor Pi2385 To Treat Muscle Strain Injury Canine Immuno Neurotherapeutics	1R410D030519-01 516421001	93.351 93.351 Total 93.353	4,275 1,182,870 (28,760)	3,5 1,114,7 (26,6
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama		Canine Immuno Neurotherapeutics		93.351 93.351 Total	4,275 1,182,870 (28,760)	3, 1,114, (26,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from:		Canine Immuno Neurotherapeutics xcy Response: Public Health Crisis Response	516421001	93.351 93.351 Total 93.353 93.353 Total	4,275 1,182,870 (28,760) (28,760)	3,5 1,114, (26,5 (26,6)
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera		Canine Immuno Neurotherapeutics		93.351 93.351 Total 93.353	4,275 1,182,870 (28,760) (28,760) 70,862	3,5 1,114,7 (26,6 (26,6
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research		Canine Immuno Neurotherapeutics xcy Response: Public Health Crisis Response	516421001	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.354 Total	4,275 1,182,870 (28,760) (28,760) 70,862 70,862	3,5 1,114,7 (26,6 (26,6 (26,6 67,6
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University		Canine Immuno Neurotherapeutics xcy Response: Public Health Crisis Response	516421001	93.351 93.351 Total 93.353 93.353 Total 93.354	4,275 1,182,870 (28,760) (28,760) 70,862	3,5 1,114,7 (26,6 (26,6 (26,6 67,6 67,6 75,0
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards		Canine Immuno Neurotherapeutics xcy Response: Public Health Crisis Response	516421001	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.354 93.393 93.393	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773	3, <u>(</u> 1,114,7 (26,6 (26,6 (26,6 (26,6 (75,0 75,0 303,0
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI	516421001 A704672	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 Total 93.393	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773	3,5 1,114, (26,6 (26,6 (26,6 (26,6 (26,6 (26,6))) (26,6))(26,6))(26,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI	516421001 A704672	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.354 93.393 93.393	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773	3.5 1,114.7 (26.6 (26.6 67.6 67.6 75.(303.3 378.1
Direct Awards Pass-Through from: HAWA Therapeutics LLC 2fst Century Cures Act - Beau Bilden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from:		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans	516421001 A704672 Pend 8/1* 324639	93.351 93.351 Total 93.353 Total 93.354 Total 93.393 93.393 93.393 Total 93.393	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725	1,110,7 3,8 1,114,7 (26,6 (26,6 67,6 67,6 75,0 303,0 378,1 523,0
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI	516421001 A704672	93.351 93.351 Total 93.353 Total 93.354 93.354 Total 93.393 93.393 Total	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444	3.(1,114.) (26.) (26.) 67.(67.(75.(75.(303.(378.) 523.(118.)
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: Horida International University Cancer Treatment Research		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans	516421001 A704672 Pend 8/1* 324639	93.351 93.351 Total 93.353 Total 93.353 Total 93.354 93.393 93.393 Total 93.393 Total 93.394 93.394	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444	3, 1,114, (26, (26, (26, (75, (75, 303, 378, 378, 523, 118,
Direct Awards Pass-Through from: HAWA Therapeutics LLC If Century Cures Act - Beau Bilden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from:		Canine Immuno Neurotherapeutics try Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers	516421001 A704672 Pend 8/1* 324639 000598	93.351 93.351 Total 93.353 93.353 Total 93.354 93.393 93.393 93.393 Total 93.394 93.394 93.394 93.394 Total	4,275 1,182,870 (28,760) (28,760) 70,862 79,929 326,773 406,702 541,725 127,444 669,169	3, 1,114, (26, (26, (26, (26, (75, (75, (303, 378, (523, 118, (641,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: Horida International University Cancer Treatment Research		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans	516421001 A704672 Pend 8/1* 324639	93.351 93.351 Total 93.353 Total 93.353 Total 93.354 93.393 93.393 Total 93.393 Total 93.394 93.394	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444	3; 1,114, (26, (26, (26, 75, 303, 378, 523, 118, 641, 864,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from: Ahma Bidech, Inc A		Canine Immuno Neurotherapeutics ncy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Development Of A Radiation-Activatable Nanoparticle For Lung Cancer Therapy Development Of A Sat-Based Nanomedicine For Non-Muscle Invasive Bladder Cancer Small-Molecule Therapy For Matatiatic Castration -Resistant Prostate Cancer	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00013843 AWD00015111 R42-2021-UGA02	93.351 93.351 Total 93.353 Total 93.353 Total 93.393 93.393 Total 93.394 93.394 93.394 93.394 93.394 93.394	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,202	3) 1,114, (26, (26, (26, 67, 67, 67, 75, 303, 378, 523, 118, 641, 866, 22, 6,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopers Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from: Athna Biotech, Inc Athna Biotech, Inc Athna Biotech, Inc MetCure Therapeutics LLC		Canine Immuno Neurotherapeutics http://www.communication.c	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD000151111 R42-2021-USA02 R42-2021-USA02	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.364 93.393 93.393 93.393 70tal 93.394 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,330 63,819	3, 1,114, (26, (26, (26, (26, (26, (26, (30, (30, (30, (30, (30, (30, (30, (30
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emery University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Fiorida International University Cancer Treatment Research Pass-Through from: Atthna Biotech, Inc Atthna Biotech, Inc Atthna Biotech, Inc Cancer Therapeutics LLC MetCure Therapeutics LLC University of North Carcinia Chapel Hill		Canine Immuno Neurotherapeutics xxy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Development Of A Radiation-Activatable Nanoparticle For Lung Cancer Therapy Development Of A Sati-Based Nanomedicine For Non-Muscle Invasive Biadder Cancer Small-Molecule Therapy For Metastatic Castration-Resistant Prostate Cancer Small-Molecule Therapy For Sone Metastatic Castration-Resistant Prostate Cancer	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00015111 R42-2021-UGA02 R42-2021-UGA01 NA	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.393 93.393 93.393 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 70,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,149	3, 1,114, (26, (26, (26, (26, (26, (26, (26, (26
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopers Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from: Athna Biotech, Inc Athna Biotech, Inc Athna Biotech, Inc MetCure Therapeutics LLC		Canine Immuno Neurotherapeutics http://www.communication.c	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD000151111 R42-2021-USA02 R42-2021-USA02	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 Total 93.393 93.393 93.394 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395 93.395	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,144 38,492	3 1,114 (26 (26 (26 67 67 75 303 378 378 523 118 641 641 641 641 641 641 641 641
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emery University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Fiorida International University Cancer Treatment Research Pass-Through from: Atthna Biotech, Inc Atthna Biotech, Inc Atthna Biotech, Inc Cancer Therapeutics LLC MetCure Therapeutics LLC University of North Carcinia Chapel Hill		Canine Immuno Neurotherapeutics xxy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Development Of A Radiation-Activatable Nanoparticle For Lung Cancer Therapy Development Of A Sati-Based Nanomedicine For Non-Muscle Invasive Biadder Cancer Small-Molecule Therapy For Metastatic Castration-Resistant Prostate Cancer Small-Molecule Therapy For Sone Metastatic Castration-Resistant Prostate Cancer	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00015111 R42-2021-UGA02 R42-2021-UGA01 NA	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.393 93.393 93.393 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,144 38,492	3 1,114 (26 (26 (26 67 67 75 303 378 378 523 118 641 641 641 641 641 641 641 641
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from: Aftina Bidech, Inc Aftin		Canine Immuno Neurotherapeutics xxy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Development Of A Radiation-Activatable Nanoparticle For Lung Cancer Therapy Development Of A Sati-Based Nanomedicine For Non-Muscle Invasive Biadder Cancer Small-Molecule Therapy For Metastatic Castration-Resistant Prostate Cancer Small-Molecule Therapy For Sone Metastatic Castration-Resistant Prostate Cancer	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00015111 R42-2021-UGA02 R42-2021-UGA01 NA	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 Total 93.393 93.393 93.394 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395 93.395	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,144 38,492	3, 1,114, (26, (26, (26, (26, (26, (26, (26, (27, (37, (37, (37, (37, (37, (37, (37, (3
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from: Aftina Biotech, Inc Cancer Therapeutics LLC MetCure Therapeutics LLC University of North Carolina Chapel Hill Tufts University Cancer Biology Research Direct Awards Pass-Through from: University of Alabama at Birmingham		Canine Immuno Neurotherapeutics xxy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Development Of A Radiation-Activatable Nanoparticle For Lung Cancer Therapy Development Of A Stat-Based Nanomedicine For Non-Muscle Invasive Biadder Cancer Small-Molecule Therapy For Stree Metastatic Castration-Resistant Prostate Cancer Small-Molecule Therapy For Metastatic Castration-Resistant Pros	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00013843 R42-2021-UGA02 R42-2021-UGA02 R42-2021-UGA02 R42-2021-UGA02 NA 10454800001	93.351 93.351 Total 93.353 93.353 Total 93.393 93.393 93.393 93.393 Total 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395 93.395 Total	4,275 1,182,870 (28,760) (28,760) (28,760) 70,862 70,862 70,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,144 38,492 479,654 571,545 133,097	3, 1,114 (26, (26, (26, (26, (26, (26, (26, (26,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopers Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: Horida International University Cancer Treatment Research Pass-Through from: Athna Biotech, Inc Athna Biot		Canine Immuno Neurotherapeutics http://www.communication.c	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00013843 AWD00015111 R42-2021-UGA02 R42-2021-UGA01 NA 10454800001 10454800001	93.351 93.351 Total 93.353 93.353 Total 93.354 93.354 93.393 93.393 93.393 93.393 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395 93.395 93.395 93.395 93.395 93.395	4,275 1,182,870 (28,760) (28,760) 70,862 70,862 79,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,144 38,492 479,654 571,545	3, 1,114, (26, (26, (26, (26, (26, (26, (26, (30,
Direct Awards Pass-Through from: HAWA Therapeutics LLC 21st Century Cures Act - Beau Biden Cancer Pass-Through from: University of Alabama Public Health Emergency Response: Coopera Pass-Through from: Emory University Cancer Cause and Prevention Research Direct Awards Pass-Through from: University of Connecticut Cancer Detection and Diagnosis Research Direct Awards Pass-Through from: Florida International University Cancer Treatment Research Pass-Through from: Aftina Biotech, Inc Cancer Therapeutics LLC MetCure Therapeutics LLC University of North Carolina Chapel Hill Tufts University Cancer Biology Research Direct Awards Pass-Through from: University of Alabama at Birmingham		Canine Immuno Neurotherapeutics xxy Response: Public Health Crisis Response FY23 Kentucky PHLI Contextual And Health Behavior Effects On Epigenetic Aging Among African Americans Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Fiu - Glycomics Laboratory For The Development Of Ovarian Cancer Biomarkers Development Of A Radiation-Activatable Nanoparticle For Lung Cancer Therapy Development Of A Stat-Based Nanomedicine For Non-Muscle Invasive Biadder Cancer Small-Molecule Therapy For Stree Metastatic Castration-Resistant Prostate Cancer Small-Molecule Therapy For Metastatic Castration-Resistant Pros	516421001 A704672 Pend 8/1* 324639 000598 AWD00013843 AWD00013843 R42-2021-UGA02 R42-2021-UGA02 R42-2021-UGA02 R42-2021-UGA02 NA 10454800001	93.351 93.351 Total 93.353 93.353 Total 93.393 93.393 93.393 93.393 Total 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395 93.395 Total	4,275 1,182,870 (28,760) (28,760) (28,760) 70,862 70,862 70,929 326,773 406,702 541,725 127,444 669,169 92,941 24,028 7,230 63,819 253,144 38,492 479,654 571,545 133,097	3.5 1,114.7 (26.6 (26.6 67.6 67.6 75.(303.3 378.1

Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Amount Provided to Subrecipien
	ational Partnerships to Improve and Protect the Nation's Health				
Pass-Through from: Council of State and Territorial Epidemiologists	Predicting Seasonal Influenza Hospitalizations Using Semi-Mechanistic Models That Incorporate Immunological Dynamics	PO 7947	93.421	20,179	10.0
CDC Foundation	Supporting Community Organizations To Strengthen Vaccine Confidence	NA	93.421	(11,915)	18,69 (11,38
			93.421 Total	8,264	7,31
Affordable Care Act (ACA) Maternal, Infant, and Early Childhe	bod Home Visiting Program				
Pass-Through from:					
GA Department of Public Health	MIECHV - Maternal, Infant and Early Childhood Home Visiting Technical Assistance Proposal	4050004221182540	93.505 93.505 Total	209,517 209,517	205,37 205,37
				,	
Public Health Training Centers Program Pass-Through from:					
Emory University	FY22 Region IV PHTC	A584824	93.516	17,496	17,2
Emory University	Regional Public Health Training Centers (PHTC) Program	A679073	93.516 93.516 Total	52,694 70,190	51,84 69,05
Child Support Services Research Pass-Through from:					
GA Department of Human Services	FY23- Charting A Course For Economic Mobility	NA	93.564	24,949	24,9
			93.564 Total	24,949	24,94
Grants to States for Access and Visitation Programs					
Pass-Through from: GA Department of Human Services	Charting A Course For Economic Mobility	427004010000102000	93.597	13,598	13,5
			93.597 Total	13,598	13,59
Developmental Disabilities Basic Support and Advocacy Grar	Is				
Pass-Through from:					
Governors Council on Dev Disab	Data and Policy Research Grants: Employment	NA	93.630 93.630 Total	73,824 73,824	71,9 71,9
			93.650 TOTAL	73,024	71,9
Developmental Disabilities Projects of National Significance Direct Awards			93.631	286,808	273,94
Direct Awards			93.631 Total	286,808	273,9
University Centers for Excellence in Developmental Disabilitie	- Education Descents and Oracles		_		
Direct Awards	s Euclaton, Research, and Service		93.632	561,918	555,5
			93.632 Total	561,918	555,50
ACA - Reinvestment of Civil Money Penalties to Benefit Nursi	ng Home Residents				
Pass-Through from:					
GA Department of Community Health	Increase Preparedness Efforts In Georgia With Respect To Long Term Care (Ltc) Residents And Staff (Years 2 And 3)	NA	93.636 93.636 Total	40,314 40,314	39,5 ⁻ 39,5
Child Welfare Research Training or Demonstration				40,014	00,0
Pass-Through from:					
The Research Foundation for The State University of New Yo		9-89268	93.648	(17,500)	(17,4
The Research Foundation for The State University of New Yo The Research Foundation for The State University of New Yo		9-92159 995862	93.648 93.648	28,273 110,063	27,7 ⁻ 109,75
The Research Foundation for the State University of New To	IK INCAVIAT- Child Weitare Training. The National Child Weitare Workforce institute 2022-2023	990002	93.648 Total	120,836	119,90
Footor Core Title IV F			_		
Foster Care Title IV-E Pass-Through from:					
GA State University	2020-2021 Georgia Dhs/Dfcs Title Iv-E University Child Welfare Education Program	NA	93.658	(94,481)	(94,17
GA State University GA State University	2021-2022 Georgia Dhs/Dfcs Title Iv-E University Child Welfare Education Program 2022-2023 Georgia Dhs/Dfcs Title Iv-E University Child Welfare Education Program	NA NA	93.658 93.658	113,785 476,001	113,2 475,6
			93.658 Total	495,305	494,69
Social Services Block Grant					
Pass-Through from:					
GA Department of Human Services	Georgia Department of Human Services, Division of Aging Services: Intrastate Funding Formula Technical Assistance	NA	93.667 93.667 Total	75,470 75,470	71,21
					,=
Child Abuse and Neglect State Grants Pass-Through from:					
GA Department of Human Services	Training and Technical Assistance for First Steps Georgia FY23	NA	93.669	45,181	44,28
			93.669 Total	45,181	44,28
Mental and Behavioral Health Education and Training Grants					
Direct Awards			93.732	198,347	198,08
			93.732 Total	198,347	198,08
MEDICAID CLUSTER					
Medical Assistance Program Pass-Through from:					
SC Dept of Health & Env Control	Increase Preparedness Efforts In South Carolina With Respect To Long Term Care (Ltc) Residents And Staff	202004SC1020	93.778	401,124	378,64
GA Department of Behav & Dev Disabilities	Disability Support Professional Training and Assessment Program (DSP TAP): Developing an Accredited, Scalable, Exam- based DSP Credential to Maximize the Full Community Participation of Adults with I/DD	NA	93.778	83,636	79,88
			93.778 Total	484,760	458,52
		MEDICAU	D CLUSTER Total	25,904,838	24,541,5
		medical	S SLOOTER TUIdl	20,004,000	24,341,31
Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities					
Pass-Through from:					
Emory University	Southern Regional Disaster Response System (SRDRS) Year 2	A770008	93.817	117,315	110,7
Emory University	Southern Regional Disaster Response System (SRDRS)	A562960	93.817 93.822 Total	127,927 245,242	120,7 231,4
					201,4
Cardiovascular Diseases Research Direct Awards			93.837	605,494	562,5
Pass-Through from:			33.031	000,494	562,5
Colorado State University	Metal Organic Framework-Based Antithrombotic Surfaces	G6518101	93.837	116,482	108,0
New York University Pennsylvania State University	Childhood Stressors, Cardiometabolic Risk, And Kidney Function Decline Among Older Whites, Blacks, And Latinos Combinatorial Approaches To Improved Blood-Contacting Polymer Biomaterial	18-A0-00-001801 UGARFHL153231	93.837 93.837	(10,400) 85,396	(10,2 80,0
Pennsylvania State University University of Minnesota	Combinatorial Approaches 1 o Improved Blood-Contacting Polymer Biomaterial Reducing Childhood Obesity Using Ecological Momentary Intervention (EMI) and Video Feedback at Family Meals (R33 Phase)	N009991901	93.837	85,396 39,565	80,0 37,3
University of Minnesota	Examining How Psychosocial Stress Gets "Under The Skin" And Leads To Cardiometabolic Disease Risk In Diverse Children:		00.007		
University of Minnesota	A Mixed-Methods Study Examining Pathways Between Food Insecurity and Cardiometabolic Health in Diverse Children and Adolescents.	N009256001 N009183301	93.837 93.837	28,401 25.064	26,3 23,2
University of Minnesota	Evaluating a Novel Responder-Recommender System in a Deployment of Ecological Momentary Intervention to Effect Change				
Oniversity of Willinesota			93.837	45,551	42,9
	in the Home Food Environment and Reduce Child Cardiometabolic Risk - Supplement Oktondo Physical Activity During The Transition From Elementary School To High School	N009991902 142608			(1.0)
University of Numersola University of South Carolina Augusta University	in the Home Food Environment and Reduce Child Cardiometabolic Risk - Supplement Okitondo Physical Activity During The Transition From Elementary School To High School Pediatric Ambulatory Blood Pressure Trajectory and Brain Health in Midlife	N009991902 142608 RAUGU0001086601	93.837 93.837 93.837	(1,099) 157,682 1,092,136	(1,02 146,20 1,015,48

	Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Amour Provideo Subrecipi
Lung Diseases Re Direct Awards	esearch			93.838	515,162	49
Pass-Through	from:				515,102	40
Emory Univer		Household Air Pollution And Health : A Multi- Country Lpg Intervention Trial-Core	T863524/A029070/A191373	93.838	(69)	
Wayne State	University	Asthma In The Lives Of Families Today (Aloft)	WSU20014	93.838 93.838 Total	(466) 514,627	4
Blood Diseases an Direct Awards	nd Resources Research			93.839	705,661	65
A	skeletal and Skin Diseases Research			93.839 Total	705,661	6
Arthritis, Musculo Direct Awards Pass-Through				93.846	616,482	5
Baylor Colleg		Regulation Of Skeletal Muscle Development And Maintenance By Protein O-Glucosyltransferase 1 (Poglut1)	PEND 7/1/22 7000001444	93.846	171,404	1
University of I	Pennsylvania	Pathogenesis And Treatment Of Bone Disease In The Mucopolysaccharidoses	580569	93.846 93.846 Total	19,028 806,914	7
	re, and Kidney Diseases Extramural Research			00.047	4 4 4 7 00 4	
Direct Awards Pass-Through	from:			93.847	1,147,991	1,0
University of		Erythroblastic Island Heme Synthesis Under Normal And Inflammatory Conditions	1005584104/PO#U000323430	93.847	56,485	
Johns Hopkir	ns University	Maternal diet and programming of offspring gut-brain axis	2005680469	93.847 93.847 Total	145,369 1,349,845	1,:
Extramural Resea	rch Programs in the Neurosciences and Neurologica	al Disorders		-		
Direct Awards Pass-Through				93.853	3,493,972	3,2
Banner Healt	h	Blinded Comparison Of Different Alpha-Synuclein Seeding Assays As Cutaneous Biomarkers Of Lewy Body Dementia	0432-06-142371	93.853	144,156	
Medical Unive Michigan Stat	ersity of South Carolina te University	Progressive Post Stroke Cognitive Impairment: Mechanisms & Intervention Identifying Adolescents At High Risk Of Neurocognitive Impairment And Hiv-Associated Neurocognitive Disorder: Development	22 A00-4016-S002	93.853	109,798	
Penneuluania	State University	And Validation Of A Composite Risk Phenotype Score Discovery of Multimodal Biomarkers for Parkinsonian Syndromes, Their Progression, and Pathological Relevance	RC111996UGA UGANS112008	93.853 93.853	32,360 142,040	
	Texas at Arlington	MPI: Developing an Individualized Deep Connectome Framework for ADRD Analysis	2022GC0142	93.853	38,392	
				93.853 Total	3,960,718	3,
COVID-19: Allergy	/ and Infectious Diseases Research					
Direct Awards				93.855	176,059	
Pass-Through Stanford Univ		Covid-19: Development Of Outpatient Antiviral Cocktails Against Sars-Cov-2 And Other Potential Pandemic Rna Viruses	63000872242682	93.855	17,040	
	ious Diseases Research					
Direct Awards Pass-Through	from			93.855	18,798,096	17,
GA State Uni		Development of a Broad-Spectrum Inhibitor against Seasonal and Highly-Pathogenic Influenza Viruses	NA	93.855	60,119	
GA State Uni	-	Development of a Broad-Spectrum Inhibitor against Seasonal and Highly-Pathogenic Influenza Viruses	NA	93.855	31	
GA State Uni GA State Uni		Multivalent Nanocluster Universal Influenza Given By Microneedle Patch Multivalent Nanocluster Universal Influenza Given By Microneedle Patch	NA	93.855 93.855	90,179 14,501	
GA State Uni	iversity	Novel Influenza Nano Vaccines For Broad Cross Protection	NA	93.855	39,481	
Ascribe Bioso		The Microbial Safety, Yield, And Nutritional Quality Of Sprouts As Affected By Treatments With Ascarosides	AWD00014996	93.855 93.855	88,605	
Boston Unive Brigham and	Women's Hospital	Selecting Ha Glycosylation For Improved Vaccine Responses HIV-1 Dynamics And Evolution During Trispecific Broadly Neutralizing Antibody Therapy	4500003976 125413	93.855	123,849 58,291	
Case Wester	n Reserve University	Capturing Spatial Patterns of New Mtb infection in Kampala, Uganda	RES514756	93.855	393,302	
Chitozan Hea Columbia Uni		Investigation Of Chitosan-Supported Silver As A Safe And Effective Broad-Spectrum Antimicrobial Textile Finish (Nih) Delineating Genetic Determinants Of Polymyxin Resistance In Serratia Marcescens	FP00025968 1GG01787501	93.855 93.855	64,520 32,455	
Emory Univer		HIV-1 Fusion Peptide-directed Vaccine Design Using Virus-like Particles	A443997	93.855	22,650	
Emory Univer		Dynamics And Evolution Of Immune Responses To Influenza Viruses	A481051	93.855	32,375	
Emory Univer Emory Univer		Role Of Spatial Structure In Shaping Viral Population Diversity And Evolution Emory/Georgia Tuberculosis Research Advancement Centers (TRAC)	A503504 A67793	93.855 93.855	144,420 39,797	
Emory Univer		Mrna-Encoded Cas13 As A Pan-Respiratory Antiviral	A810846	93.855	2,941	
Emory Univer	rsity	Host Dependence Of Influenza A Virus Reassortment	T715255	93.855	90,011	
EpiVax, Inc. Health Resea	arch. Inc.	Structure-Guided Design Of Cd4 T Cell Memory- Enhanced Rha H7N9 Influenza Vaccine ST6Gal-1 Sial/tiransferases in Inflammation	1R01Al32205 313-01	93.855 93.855	33,525 11,561	
	ate University Research and Service Foundation	Optimization and Mode of Action of NEU4438, A Lead Trypanocidal Drug	431605S02	93.855	57,681	
Louisiana Sta		Markers And Regulation Of Regulatory Cd8+ T Cells During Influenza-Induced Lung Immunopathology	PO-0000180278	93.855	10,798	
Northeastern Northwestern		Orally Bioavailable 4(1H)-Quinclones with Multi-Stage Antimalarial Activity Discovery Of Novel Benzimidazole Resistance Mechanisms	50065378050 60056418UG	93.855 93.855	432,742 159,663	
Oklahoma Sta		Spillover Of Ebola And Other Filoviruses At Ecological Boundaries	1508812	93.855	126,467	
Pneumotactix		Pn3Pase as an Effective Enzyme Therapeutic for Streptococcus Pneumoniae type 3 Infection	NA	93.855	66,483	
	State University of New Jersey h Foundation for The State University of New York	Bacterial and Host Heterogeneity in TB latency, persistence and progression - Second Year New Increment Protist Oxygen Sensing in Human Disease (MPI)	SUB00002479 1R01AI16984901	93.855 93.855	21,685 122,061	
The Research	h Foundation for The State University of New York	Identification of Toxoplasma F-Box Proteins (Multi-PIs) (RESUBMISSION)	R1215574	93.855	(769)	
	h Foundation for The State University of New York	The Organization and Function of the Toxoplasma Daughter Cell Scaffold (Multi-PIs)	R1215576	93.855	190,944	
	Research Institute Research Institute	Tompkins Mechanisms Of Protection of Universal Therapeutic Antibodies To Influenza A Exploring Siglec-glycan ligand interactions using chemoenzymatic approaches	700000308 554533	93.855 93.855	161,889 90,678	
Trellis Bioscie		SBIR: Strain-Independent Therapeutic Antibodies for Influenza	2R44AI106077-05	93.855	156,260	
	rth Carolina Greensboro	Anti-Malarial Drug Leads from Fungal Cultures	212101611	93.855	31,839	
University of University of (California, Santa Cruz	Structure-Guided Engineering To Increase Respiratory Syncytial Virus G Protein Immunogenicity (A1) Drivers Of Individual Variation In Influenza Vaccine Response And Protection From Infection	A230171S001 AWD103169(SUB00000750)	93.855 93.855	341,886 47,521	
University of I		Exploring The Etiology Of Oxidative Damage And Cell Death In Placental Malaria	SUB00003422	93.855	45,777	
University of	Illinois	Optimization Of Antimalarials Targeting Multiple Life Stages Of The Parasite (Prime Pi Transfer To U Chicago)	7R01AI157445-03	93.855	198,487	
University of I University of I		Endothelial Cell Tropism In The Pathogenesis And Host Response Against Influenza Viruses Complex Haploinsufficiency-Based Genetic Analysis Of C. Albicans Pathogenesis(Subaward From Univ Iowa)	S00619-01 S01421-01	93.855 93.855	14,890 3,696	
University of I University of I		Complex Haploinsufficiency-Based Genetic Analysis Of C. Albicans Pathogenesis(Subaward From Univ Iowa) Systematic In Vitro And In Vivo Genetic Analysis Of C. Albicans Protein Kinases	S01421-01 S0223601	93.855 93.855	3,696 26,171	
University of I	Maryland Foundation, Inc.	Host And Parasite Factors Influencing P. Vivax Rbc Invasion And Asexual Development	20543	93.855	13,892	
	Maryland Foundation, Inc. Massachusetts Medical School	Integration Of Heme Acquisition And Signaling In Gram-Negative Pathogens Development Of Essential Research Tools For Sustaining Global Programs For The Elimination Of Human Hookworms	F3048062	93.855	30,757	
	Massachusetts Medical School Texas at Austin	Development Of Essential Research Tools For Sustaining Global Programs For The Elimination Of Human Hookworms Investigating Nanobodies Targeting Multidrug Resistant Bacterial Pathogens	POWA01276410 UTAUS-SUB00000305AM2	93.855 93.855	1,433 29,726	
	Texas MD Anderson Cancer	The Role Of Foxn1 In Controlling The Transition From Thymus Expansion To Homeostasis	3001647561	93.855	638,806	
	echnic Institute and State University	Optimization Of Antimalarials Targeting Multiple Life Stages Of The Parasite (Resubmission)	41268119105	93.855	22,118	
Virginia Polyte	University in St. Louis	Reactivation of Chronic Toxoplasmosis	WU-21-407	93.855	46,240	

YEAR ENDED JUNE 30, 2023

y Program	Project Name	Identifying Number	ALN #	Federal Expenditures	Provided te Subrecipien
Biomedical Research and Research Training		•	· ·		-
Direct Awards			93.859	14,962,808	14,068,8
Pass-Through from:					
Beth Israel Deaconess Medical Center	Novel Carbohydrate-binding Antibodies to Human Glycans Using the Lamprey System	FP00020379	93.859	53,389	49,4
Boston University	The blochemistry and cell blology of the Spindly O-fucosyltransferase of Toxoplasma (Resub: Multi-Pls)	4500003365	93.859	206,525	192.
Emory University	Integrating Data Streams With Multi-Scale Modeling To Guide Norovirus Vaccine Decision-Making	4000003305 A003475	93.859	61.164	54.
GenNext Technologies, Inc.	Software for Determining Proteoform Heterogeneity and Protein Expression Fidelity	NA	93.859	15,752	14
Georgetown University	Vaccine Hesistance And Erosion Of Herd Immunity: Harnessing Big Data To Forecast Disease Re-Emergence	AWD7772899GR205576	93.859	143,888	131
GlycoScientific, LLC	Development Of Isotopically Labeled Glycosaminoglycans For Use As Internal Standards - Phase I	1R41GM139440-01	93.859	8,677	8
Pennsylvania State University	Probing the Metabolism and Cellular Roles of Bacterial 2',3'-Cyclic Nucleotide Monophosphates (Transfer to Penn State)	S000174DHHS	93.859	19,348	17
The Scripps Research Institute	Exploring Siglec-Glycan Ligand Interactions Using Chemoenzymatic Approaches - Wu - Mira	5-54419	93.859	40,505	37
University of California, Riverside	Mechanistic Studies Of A Bifurcating Electron-Transferring Flavoprotein (Resubmission) Role Of Hells Chromatin Remodeler In Genome Maintenance	S-001363 H008978301	93.859	134,112	124
University of Minnesota			93.859	43,262	40
Viamune, Inc.	Expanding The Glycomics Toolbox: Chemo-Enzymatic Synthesis Of Well-Defined N-Glycan Standards	NA	93.859	51,822	48
Yale University	Coupled Macroparasite-Microparasite Interactions: Ecological and Evolutionary Consequences of Coinfection	CON-80003260 (GR114492)	93.859	42.169	40
Yale University	Deciphering Genetic and Epigenetic Regulatory Logic of Germ Layer Differentiation with Manifold Learning	GR107185	93.859 93.859 93.859 Total	227,333 16,010,754	210
Child Health and Human Development Extramural Research			53.855 TOTAL	16,010,734	15,030
Direct Awards			93.865	4,482,292	4,249
Pass-Through from:					
Kennesaw State University	Award - A Prospective Policy Evaluation Of The Georgia Shape Act Prevent Child Obesity	NA	93.865	(13,331)	(1:
New York University	Play And Learning Across A Year	F099855	93.865	8,320	
Northwestern University	Understanding Diverging Profiles Of Academic And Physical Health Outcomes In				
	African American Youth	SP0042891PROJ001	93.865	45,493	4:
Spaulding Rehabilitation Hospital	Nsc Function In A Motor Cortex Tbi	500629	93.865	53,081	5
University of Illinois	Enhancing Of Children's Cognitive Function And Achievement Through Carotenoid Consumption Resubmission	10617318818	93.865	23,543	2
University of Pittsburgh	Early Interventions For Orthopedic Combat Casualties	0048860 1268736	93.865	(35)	
University of Pittsburgh	Alliance For Regenerative Rehabilitation Research & Training 2.0 (Ar3T 2.0)	AWD0000258813510822	93.865	276	
University of Texas Southwestern Medical Center	Impact Of Microbiota-Generated Metabolites On Campylobacter Jejuni Colonization	GMO190806PO000001829	93.865	(711)	
Yale University	Impact Of Microbiota-Generated Metabolites On Campylobacter Jejuni Colonization	CON-80001022 GR101488	93.865	127,483	11
			93.865 Total	4,726,411	4,47
Aging Research			00.000	0.000.00-	
Direct Awards			93.866	2,059,133	1,93
Pass-Through from:	Othio Casial Assisting Date to Interface For Devals Mith Alabainses And Othio Devanting To Aid In Ocea Management				
Advanced Medical Electronics	Sttr/Sbir: Social Assistive Robot Interface For People With Alzheimers And Other Dementias To Aid In Care Management	AME19ROBOTASSIST11	93.866	213,861	19
Applied Universal Dynamics Corporation	(Sbir) Robot-Assisted Cognitive Training For Socially Isolated Older Adults With Mild Cognitive Impairment	NA	93.866	206,477	19
Case Western Reserve University	Skin Biomarkers For Diagnosing And Characterizing Ad And Adrd	RES516755	93.866	98,327	9
Infrared Rx, Inc.	Oxygen Guided Therapy For Optimal Rehabilitation For Pad	1R41AG07478801	93.866	25,022	2
Johns Hopkins University	Regulation Of Microglia In Alzheimer'S Disease By Siglecs And Siglec The Impact Of Life History And Stress On Thymic Involution	2004837233	93.866	6,760	
University of Arizona University of Maryland Foundation, Inc.		1P01AG05235901A1	93.866	23,561	2
University of Maryland Foundation, Inc. University of Pittsburgh	Assay Development And Screening For Small Molecule Rgs10 Regulators To Target Neuroinflammation	21073	93.866 93.866	99,832	9
University of Passa at Arlington	Predictors Of Altered Cns Structure, Function, And Connectomics In The Elderly Using A Health Disparities Framework	AWD000053601374451		14,307	1:
University of Texas at Anington	Mapping Trajectories Of Alzheimer'S Progression Via Personalized Brain Anchor-Nodes	2022GC1399	93.866 93.866 Total	44,699 2,791,979	2,61
Vision Research Direct Awards			93.867	313,063	292
			93.867 93.867 Total		292 292
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from:			93.867 Total	313,063	292
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health	Home Visiting Technical Assistance ARP	NA	93.867 Total 93.870	313,063 66,180	29 2
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from:	Home Visiting Technical Assistance ARP 2023 Columbus MIECHV	NA NA	93.867 Total 93.870 93.870	313,063 66,180 555,536	29 6 54
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health			93.867 Total 93.870	313,063 66,180	293
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training			93.867 Total 93.870 93.870 93.870 93.870 Total	313,063 66,180 555,536 621,716	64 544 609
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training Direct Awards			93.867 Total 93.870 93.870	313,063 66,180 555,536	6 54 60
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training Direct Awards Pass-Through from:	2023 Columbus MIECHV	NA	93.867 Total 93.870 93.870 93.870 Total 93.989	313,063 66,180 555,536 621,716 25,739	6 54 60 2
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training Direct Awards			93.867 Total 93.870 93.870 93.870 Total 93.989 93.989	313,063 66,180 555,536 621,716 25,739 45,758	6 54 60 2 4
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training Direct Awards Pass-Through from: Universidad del Valle de Guatemala	2023 Columbus MIECHV	NA	93.867 Total 93.870 93.870 93.870 Total 93.989	313,063 66,180 555,536 621,716 25,739 45,758	29 6 54 60 2 2 4
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance	2023 Columbus MIECHV	NA	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 Total	313,063 66,180 555,536 621,716 25,739 45,758 71,497	6 54 60 2 2 4 6
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research Araining Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards	2023 Columbus MIECHV	NA	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989	313,063 66,180 555,536 621,716 25,739 45,758	29 6 54 60 2 4 6
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from:	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71)	NA 1D71TW012294-01	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 Total 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532	29 6 54 60 2 4 6 15,06
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guaternala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Gilycoscinific LLC	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea	NA 1D71TW012294-01 75N93019C00048	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 Total 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739	29 6 54 60 2 2 4 60 15,06 2
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Direct Awards Health And Human Services Other Financial Assistance Direct Awards Health Cuc Howard University	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections in Guinea Applications of Antificial Intelligence/Machine Learning in Health Disparties Research and Workforce Diversity	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 Total 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516	29 6 54 60 2 4 6 15,06 2
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Dire	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial IntelligenceMachine Learning in Health Disparities Research and Workforce Diversity Computational Design And Characterization Of Min-Heangalithin Molecules For Influence A And B	NA 1D71TW012294-01 75NB3019C00048 GRT00019410008801 0258A4644699	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 Total 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089	29 6 54 60 2 4 6 15,06 2 4 4 4 4 4 4 4 4 4
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Universidad del Valle de Guaternala Direct Awards Pass-Through from: Giycoscientific LLC Howard University Icahn School of Medicine at Mount Sinai Icahn School of Medicine at	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections in Guinea Applications of Antificial IntelligenceMachine Learning in Health Disparities Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemaguitanin Molecules For Influenza A And B NIAD Centers of Excellence for Influenza Research and Response	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258A4644609 0258A4644609	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 Total 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089 480,663	29 6 544 60 2 4 4 6 15,06 2 4 4 5
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Direct Awards Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Direct Awards Disponsion Disponsio	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial Intelligence/Machine Learning in Health Disparities Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagglutinin Molecules For Influenza A And B NIAID Centers of Excellence for Influenza Research and Response Sbir Phase I: Nitic Code Releasing Ultra-Silpery (NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258-A504-4609 75D30120C09815	93.867 Total 93.870 93.870 Total 93.989 93.989 Total 93.999 Total 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089 480,693 247,997	29 6 54 60 2 2 4 60 15,06 2 4 452 222
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Gilyococisentific LLC Howard University I cahn School of Medicine at Mount Sinai Inorvetta Biomedica ILC Leidos Inc	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial Intelligence/Machine Learning in Health Disparities Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemaggiutinin Molecules For Influenza A And B NIAID Centers of Excellence for Influenza Research and Response Sbir Phase II: Nitro Code Releasing Ultra-Slippery Servat Year 20 Loidos-Nit Membership	NA 1D71TW012294-01 75N83019C00048 GRT00019410006801 0258-A504-4609 0258-A504-4609 75D30120C09815 MCLUVLO354	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 Total 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,632 27,739 2,516 48,069 466,063 247,997 186,190	29 6 54 60 2 2 4 60 15,06 2 4 452 222
Direct Awards Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Direct Awards Direct	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Artificial Intelligence/Machine Learning in Health Disparties Research and Workforce Diversity Computational Design And Characterization Of Min-Hemagglutinin Molecules For Influenza A And B NIAID Centers of Excellence for Influenza Research and Response Sbir Phase I: Nitric Oxide Releasing Ultra-Slippery Sercat Year 20 Leidos-Nith Membership Pao UGA WIB Birks Natural History	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258A4644609 75D30120C09815 MCLWL0354 1119780178613990	93.867 Total 93.870 93.870 93.870 93.989 93.989 93.989 Total 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,069 486,063 247,997 186,190 (109)	29 6 54 60 2 4 6 6 15,06 2 4 4 5,222 17
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health International Research and Research Training Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Gilycoscionific LLC Howard University I cahn School of Medicine at Mount Sinai I cahn School of Medicene at Mount Sinai I cahn School of Medicine at Mount Sinai I	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Appleations of Antificial Intelligence/Machine Learning In Health Disparties Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemaggluthin Molecules For Influenza A And B NIAD Centers of Excellence for Influenza Research and Response Sbir Phase II: Nitric Oxide Releasing Ultra-Slippery Secard Vera? DefaceMathemethip P20 UGA-Wild Birds Natural History Understanding The Risk Of Intercontinential Information And Establishment Of PotentiallyZoonotic lav By Wild Birds	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258-A504-4609 75D50120C09815 MCLWL0354 1119760117813990 11275063A-8135673	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,693 247,997 186,190 (109) 16,610	29 6 54 60 2 4 6 15,06 2 4 4 52 22 17 7
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Toternational Research and Research Training Direct Awards Pass-Through from: Universidad del Valle de Guatemala Direct Awards Pass-Through from: Glycoscientific LLC Howard University Leahn School of Medicine at Mount Sinal Icean School of Medicine at Mo	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Artificial Intelligence/Machine Learning in Health Disparties Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagulunin Molecules For Influenza A And B NIAID Centers of Excellence for Influenza Research and Response Sbir Phase II: Nitric Oxide Releasing Ultra-Slippery Sercal Year 20 Leidos-Nih Membership Understanding The Risk Of Intercontinental Introduction And Establishment Of Potentially Zoondic Iav By Wild Birds Integrated Informatics Resources For Eukaryotic Microhal Pathogens And Invertebrate Vectors Of Disease	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258-A504-4609 0258-A504-4609 75D30120C08915 MCLWL0334 1119780117813990 11279503A-8136673 NA	93.867 Total 93.870 93.870 Total 93.889 93.989 Total 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,063 247,997 186,190 (109) 16,610 (109)	29 6 54 60 2 4 6 15,06 2 4 45 22 177 1 1,18
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Gilycoscientific LLC Howard University Leahn School of Medicine at Mount Sinai Innoveta Biomedical LLC Leidos Inc St. Jude Children's Research Hospital St. Jude Children's Research Hospital Of Department of Public Health	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial Intelligence/Machine Learning in Health Disparities Research and Workforce Duresity Computational Design And Characterization Of Min-Hemagglutinin Molecules For Influenza A And B NIAID Centers of Excellence for Influenza Research and Response Sbir Phase I: Nitric Codd Releasing Ultra-Silpery Sercart Year 20 Leidos-Nith Membership P20 UGA Will Birds Natural Nitroy Understanding The Risk Of Intercontinental Introduction And Establishment Of Potentially Zconotic lav By Wild Birds Integrated Informatics Resources For Eukryotic Microbia Pathogens And Invertebrate Vectors Of Disease Evaluation for the Georgia Cancer Control Program	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258-A504-4609 75D30120C09815 MCLWL0354 111976017813990 11279503A-8135673 NA NA	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 2,516 48,089 486,963 247,997 186,190 (109) 16,610 1,277,774	29 6 544 60 2 2 4 4 5 5 2 2 2 17 7 1 1,18 6
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Direct Awards Pass-Through from: Glycosclentlific LLC Howards Pass-Through If Cuic Eacha School of Medicine at Mount Sinai Innoveta Biomedical LLC Leidos Inc St. Jude Children's Research Hospital St. Jude Children's Research Hospital St. Jude Children's Research Hospital Guenness Council on Dev Disab	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial IntelligenceMachine Learning in Health Disparties Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemaguluinin Molecules For Influenza A Asard NIAID Centres of Excellence for Influenza Research and Response Sbir Phase II: Nitric Oxide Releasing Ultra-Slippery Secard Year 20 Loido-Nih Membership P20 UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zcondic lav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbial Pathogens And Invertebrate Vectors Of Disease Evaluation for the Georgia Carrier Control Forgram Supporting Coalition-Building UP Phase Out 14:	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258-A504-4609 75D30120C09815 MCLWL0354 1119780117813990 11279503A-8135673 NA NA	93.867 Total 93.870 93.870 Total 93.870 Total 93.989 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 86,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,063 247,997 186,190 (109) 16,610 1,277,774 71,949 20,807	29 6 544 60 2 2 4 15,06 2 4 45 225 2 2 17 17 1 1,18 6 2 2 2 2 17 17 1 2 2 2 2 2 2 2 2 3 2 17 17 17 17 17 17 17 17 17 17 17 17 17
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Gilycoscientific LLC Howard University Leahn School of Medicine at Mount Sinai Innoveta Biomedical LLC Leidos Inc St. Jude Children's Research Hospital St. Jude Children's Research Hospital Of Department of Public Health	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial Intelligence/Machine Learning in Health Disparities Research and Workforce Duresity Computational Design And Characterization Of Min-Hemagglutinin Molecules For Influenza A And B NIAID Centers of Excellence for Influenza Research and Response Sbir Phase I: Nitric Codd Releasing Ultra-Silpery Sercart Year 20 Leidos-Nith Membership P20 UGA Will Birds Natural Nitroy Understanding The Risk Of Intercontinental Introduction And Establishment Of Potentially Zconotic lav By Wild Birds Integrated Informatics Resources For Eukryotic Microbia Pathogens And Invertebrate Vectors Of Disease Evaluation for the Georgia Cancer Control Program	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258-A504-4609 75D30120C09815 MCLWL0354 111976017813990 11279503A-8135673 NA NA	93.867 Total 93.870 93.870 93.870 93.889 93.989 93.989 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 45,686 24,7697 15,488,693 480,663 247,997 16,610 (109) 16,610 1,277,774 71,949 20,807 (10,316)	29 6 544 60 2 4 4 6 6 15,06 2 2 22 17 1 1,188 8 8 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Glycoscientific LLC Howards University I cahn School of Medicine at Mount Sinal Innoveta Biomedical LLC Leidos Inc St. Jude Children's Research Hospital St. Jude Children's Research Hospital University of Pennsyvania GA Department of Public Health Gevennors Council on Dev Disab	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Artificial Intelligence/Machine Learning in Health Disparties Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagulunin Molecules For Influenza A And B NUAID Centres of Excellence for Influenza Research and Response Sbir Phase II: Nitric Oxide Releasing Ultra-Slippery Sercat Year 20 Leidos-Nih Membership P20 UGA Wild Birds Natural History Understanding The Risk Of Intercontinental Introduction And Establishment Of Potentially Zoonotic Iav By Wild Birds Integrated Informatics Resources For Eukaryotis Microbial Pathogens And Invertebrate Vectors Of Disease Evaluation for the Georgia Cancer Control Program Supporting Coalition-Building to Phase Out 14c Technical Assistance Center for Best Practices in Employment Supports FY2022	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258-A504-4609 75D30120C09815 MCLWL0354 1119780117813990 11279503A-8135673 NA NA	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 45,686 24,7697 15,488,693 480,663 247,997 16,610 (109) 16,610 1,277,774 71,949 20,807 (10,316)	29 6 54 60 2 4 4 5 22 15,06 2 4 4 5 22 17 1 1,18 8 6 8 2 2 2 2 17 7 7 7 7 7 7 7 7 7 7 7 7 7 7
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Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universitad del Valle de Guatemala Direct Awards Pass-Through from: Gylocadentific LLC Howards Direct Awards Pass-Through from: Gylocadentific LLC Howard University I cahn School of Medicine at Mount Sinai Innoveta Biomedical LLC Leidos Inc St. Jude Children's Research Hospital St. Jude Children's Research Hospital St. Jude Children's Research Hospital Governors Council no Dev Disab Governors Council no Dev Disab	2023 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Sbir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Artificial Intelligence/Machine Learning in Health Disparties Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagulunin Molecules For Influenza A And B NUAID Centres of Excellence for Influenza Research and Response Sbir Phase II: Nitric Oxide Releasing Ultra-Slippery Sercat Year 20 Leidos-Nih Membership P20 UGA Wild Birds Natural History Understanding The Risk Of Intercontinental Introduction And Establishment Of Potentially Zoonotic Iav By Wild Birds Integrated Informatics Resources For Eukaryotis Microbial Pathogens And Invertebrate Vectors Of Disease Evaluation for the Georgia Cancer Control Program Supporting Coalition-Building to Phase Out 14c Technical Assistance Center for Best Practices in Employment Supports FY2022	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258A4644609 0258A4644609 0258A4544609 75D30120C09815 MCLWL0354 111978017813990 11279503A-8136673 NA NA NA	93.867 Total 93.870 93.870 93.870 Total 93.989 93.989 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,093 486,963 247,997 186,190 (109) 16,610 (109) 16,610 (109) 16,610 (109) 16,610 (109) 16,610 (109) 16,7774	292 66 544 600 22 44 45 22 22 22 22 15,066 45 22 22 17,17 11 1,181 61 22 22 22 17,785
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: G A Department of Public Health G A Department of Public Health Direct Awards Pass-Through from: Universitid del Valle de Guatemala Direct Awards Pass-Through from: Glycoscientific LLC Howard University Icahn School of Medicine at Mount Sinai Innovets Biomedical LLC Lados III S. Jude Children's Research Hospital S. Jude Children's Research Hospital S. Jude Children's Research Hospital G A Department of Public Health Governors Ccuncil on Dev Disab Governors Ccuncil on Dev Disab Covernors Cc	2232 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Shir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Applications of Antificial Intelligenze/Machine Learning in Health Dispatites Research and Workforce Diversity Computational Design And Characterization Of Minut-Immanglutinin Molecules For Influenza A And B NAID Centers of Excellance for Influenza Research and Response BMD Denters of Excellance for Influenza Research and Response Stard Yara O Lidoics-Nih Membersity P20 UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zoondic lav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbia Pathogens And Invertebrate Vectors Of Disease Evaluation for the Georgia Cancer Control Program Supporting Coatilian-Building to Phase Out 14c Technical Assistance Center for Best Practices in Employment Supports FY2022	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258A4644609 0258A4644609 0258A4644609 75D30120C09815 MCLWL0354 111978017813990 11279503A-8136673 NA NA NA NA	93.867 Total 93.870 Total 93.870 Total 93.889 93.989 93.989 Total 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 Total	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 480,693 480,693 480,693 16,610 1,277,774 71,949 20,807 10,316) 17,864,741 74,498,933	29: 66- 54- 600 22- 44: 660 24- 24- 24- 24- 24- 24- 24- 24- 24- 24-
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Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guatemala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Glycoscitorific LLC Howard University Icahn School of Medicine at Mount Sinal Leahn School Medicine at Mo	223 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Shir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Appleations of Antificial IntelligenceMachine Learning in Health Dispatites Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagglutinin Molecules For Influenza A And B AND Centers of Excellence for Influenza Research and Response Star These II: Nitric Oxide Releasing Ulfa-Slipperg Yao UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zoondic Iav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbia Pathogens And Invertebrate Vectors Of Disease Yaulation for the Georgia Cancer Control Program Supporting Coatlion-Building to Phase Out 14e Determing Data Assistance Center for Best Practices in Employment Supports FY2022 2022 AmeriCorps State Formula Planning Grant Application	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258A40644609 0258A40644609 0258A40644609 2550A504-8009 75D30120C09815 MUNL0354 111978017R13990 11279503A-8135673 NA NA	93.867 Total 93.870 Total 93.870 Total 93.870 Total 93.989 93.989 Total 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 Total 94.006 94.006 Total 94.026 94.026 Total	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089 2,2,516 48,080 247,937 186,190 (103) 16,610 1,277,774 71,949 71,949 71,949 71,949 36,249 36,249 36,249 53,577 53,577 53,577	29 6 54 60 2 4 6 15,06 15,06 2 2 1 1,06 2 2 1 1,18 6 2 2 1 7 0,48 3 3 5 5 5
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Ga Department of Public Health GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guaternala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Glycoscientific LLC Howard University Icain School of Medicine at Mount Sinal Icain School Medicine at Mount Sinal Icain School of Medicine at Mount Sinal Icain School Medicine at	223 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Shir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Appleations of Antificial IntelligenceMachine Learning in Health Dispatites Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagglutinin Molecules For Influenza A And B AND Centers of Excellence for Influenza Research and Response Star These II: Nitric Oxide Releasing Ulfa-Slipperg Yao UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zoondic Iav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbia Pathogens And Invertebrate Vectors Of Disease Yaulation for the Georgia Cancer Control Program Supporting Coatlion-Building to Phase Out 14e Determing Data Assistance Center for Best Practices in Employment Supports FY2022 2022 AmeriCorps State Formula Planning Grant Application	NA 1D71TW012294-01 75N93019C00048 GRT00019410008801 0258A4644609 0258A4644609 0258A4644609 0258A4644609 75D30120C09815 MCLWL0354 111978017813990 11279503A-8136673 NA NA NA NA	93.867 Total 93.870 Total 93.870 Total 93.870 Total 93.989 93.989 Total 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 Total 94.006 94.006 Total 94.026 94.026 Total	313,063 86,180 555,536 621,718 25,739 45,758 71,497 15,488,532 27,739 2,516 48,083 247,937 15,488,632 247,937 16,610 1,277,774 71,949 20,067 (10,316) 1,788,741 74,498,933 36,249 36,249 53,577	29: 6- 54-
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health Triterational Research and Research Training Direct Awards Pass-Through from: Oriversidad del Valie de Guatemala Direct Awards Pass-Through from: Gytopositentific LLC Howard University Lacht School of Medicine at Mount Sinal Coverners Council on Dev Disab Coverners Co	223 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Shir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Appleations of Antificial IntelligenceMachine Learning in Health Dispatites Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagglutinin Molecules For Influenza A And B AND Centers of Excellence for Influenza Research and Response Star These II: Nitric Oxide Releasing Ulfa-Slipperg Yao UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zoondic Iav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbia Pathogens And Invertebrate Vectors Of Disease Yaulation for the Georgia Cancer Control Program Supporting Coatlion-Building to Phase Out 14e Determing Data Assistance Center for Best Practices in Employment Supports FY2022 2022 AmeriCorps State Formula Planning Grant Application	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258A40644609 0258A40644609 0258A40644609 2550A504-8009 75D30120C09815 MUNL0354 111978017R13990 11279503A-8135673 NA NA	93.867 Total 93.870 Total 93.870 Total 93.870 Total 93.989 93.989 Total 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 Total 94.006 94.006 Total 94.026 94.026 Total	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089 2,2,516 48,080 247,937 186,190 (103) 16,610 1,277,774 71,949 71,949 71,949 71,949 36,249 36,249 36,249 53,577 53,577 53,577	299 64 544 660 22 44 660 24 24 15,066 21 22 24 45 22 27 17,7 11 11,188 11,188 66 26 27 27 28 29 29 29 29 29 29 29 29 29 29
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Bas:Through from: Gas:Through from: Direct Awards Pass:Through from: Direct Awards Direct Awards Direct Awards Pass:Through from: Glycost Infant and Human Services Other Financial Assistance Direct Awards Pass:Through from: Glycost Infant and Human Services Other Financial Assistance Direct Awards Pass:Through from: Glycost Infant and Human Services Other Financial Assistance Direct Awards Pass:Through from: Glycost Infant and Human Services Other Financial Assistance Direct Awards Pass:Through from: Glycost Infant and Human Services Other Financial Assistance Direct Awards Situate Children's Research Hospital Glycost Intent of Voltab Governors Council on Dev Disab Cortact Pass Trough from: Glycost Sitate and National 34.006 Pass-Trough from: Glycost Intent of Community Affairs Amateria Sitate Add Sitate Ad	223 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Shir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Appleations of Antificial IntelligenceMachine Learning in Health Dispatites Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagglutinin Molecules For Influenza A And B AND Centers of Excellence for Influenza Research and Response Star These II: Nitric Oxide Releasing Ulfa-Slipperg Yao UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zoondic Iav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbia Pathogens And Invertebrate Vectors Of Disease Yaulation for the Georgia Cancer Control Program Supporting Coatlion-Building to Phase Out 14e Determing Data Assistance Center for Best Practices in Employment Supports FY2022 2022 AmeriCorps State Formula Planning Grant Application	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258A40644609 0258A40644609 0258A40644609 2550A504-8009 75D30120C09815 MUNL0354 111978017R13990 11279503A-8135673 NA NA	93.867 Total 93.870 Total 93.870 Total 93.870 Total 93.989 93.989 Total 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 Total 94.006 94.006 Total 94.026 94.026 Total	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089 2,2,516 48,080 247,937 186,190 (103) 16,610 1,277,774 71,949 71,949 71,949 71,949 36,249 36,249 36,249 53,577 53,577 53,577	29 6 54 60 2 4 6 15,06 15,06 2 2 1 1,06 2 2 1 1,18 6 2 2 1 7 0,48 3 3 5 5 5
Direct Awards Maternal, Infant and Early Childhood Home Visiting Grant Pass-Through from: GA Department of Public Health GA Department of Public Health GA Department of Public Health Direct Awards Pass-Through from: Universidad del Valle de Guaternala Department of Health And Human Services Other Financial Assistance Direct Awards Pass-Through from: Glycoscientific LLC Howard University Icahn School of Medicine at Mount Sinal Insomet Biomedical LLC Leidos Inc St. Jude Children's Research Hospital St. Jude Children's Research Hospital GA Department of Public Health Governors Council on Dev Disab PORATION FOR NATIONAL AND COMMUNITY SERVICE AmeriCorps State and National 34.006 Pass-Through from: GA Department of Community Affairs MUTVE OFFICE OF THE PRESIDENT High Intensity Drug Trafficking Areas Program	223 Columbus MIECHV Training Program Plan to Improve Intervention Research for Prevention of Childhood Pneumonia in Guatemala (NIH D71) Shir: Creating Antibodies To Enable The Study Of Mycobacterium Tuberculosis Infections In Guinea Appleations of Antificial IntelligenceMachine Learning in Health Dispatites Research and Workforce Diversity Computational Design And Characterization Of Mini-Hemagglutinin Molecules For Influenza A And B AND Centers of Excellence for Influenza Research and Response Star These II: Nitric Oxide Releasing Ulfa-Slipperg Yao UGA Wild Birds Natural History Understanding The Risk Of Intercontinential Introduction And Establishment Of Potentially Zoondic Iav By Wild Birds Integrated Informatics Resources For Eukaryotic Microbia Pathogens And Invertebrate Vectors Of Disease Yaulation for the Georgia Cancer Control Program Supporting Coatlion-Building to Phase Out 14e Determing Data Assistance Center for Best Practices in Employment Supports FY2022 2022 AmeriCorps State Formula Planning Grant Application	NA 1D71TW012294-01 75N83019C00048 GRT00019410008801 0258A40644609 0258A40644609 0258A40644609 2550A504-8009 75D30120C09815 MUNL0354 111978017R13990 11279503A-8135673 NA NA	93.867 Total 93.870 Total 93.870 Total 93.870 Total 93.989 93.989 Total 93.989 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 93.999 Total 94.006 94.006 Total 94.026 94.026 Total	313,063 66,180 555,536 621,716 25,739 45,758 71,497 15,488,532 27,739 2,516 48,089 2,2,516 48,080 247,937 186,190 (103) 16,610 1,277,774 71,949 71,949 71,949 71,949 36,249 36,249 36,249 53,577 53,577 53,577	299 64 544 660 22 44 660 24 24 15,066 21 22 24 45 22 27 17,7 11 11,18 66 26 27 27 27 27 27 27 27 27 27 27

EXECUTIVE OFFICE OF THE PRESIDENT Total 393 385

YEAR ENDED JUNE 30, 2023

luster/ gency	Program	Project Name	Identifying Number	ALN #	Total Federal Expenditures	Amount Provided to Subrecipients
AGENCY FOR INTERN	IATIONAL DEVELOPMENT					
USAID Foreign	Assistance for Programs Overseas					
Direct Awar				98.001	4,127,716	3,976,396
Pass-Throu	ah from:					
	ent Innovations Group	A Circularity Assessment to address Plastic Waste in Manila Philippines	Т3	98.001	16,017	15,299
Mississip	pi State University	Aquaculture And Rural Communities: Farm Diversification Strategy Through Integrated Agriculture-Aquaculture Systems A	nd			
		Nutrition-Sensitive Value Chains For Better Nutrition Outcomes	193900.312455.08	98.001	62,168	59,380
Purdue U	niversity	Feed The Future Concept Note	F0004868402088	98.001	221,416	216,047
The Natio	nal Academies of Sciences, Engineering, and Medicine	Improving Water Utilization Efficiency In Poultry	2000012480	98.001	75,298	71,920
University	of Illinois	Expert Input on Experience in Peanut Varietal Development and Dissemination in Africa Peanut Innovation Lab, UGA	7211218019	98.001	28,754	26,905
				98.001 Total	4,531,369	4,365,947
Agency for Inte Pass-Throu	ernational Development Other Financial Assistance					
ACDI/VO		Improving the Bangladesh Peanut Value Chain	J087203	98,999	16.821	16.066
Cooperati	ve Assistance And Relief Everywhere (CARE)	Her Time: A Time Use Study of Women Participating in Livelihoods Programs in Ethiopia	470	98,999	(2)	(2
				98.999 Total	16,819	16,064
			GENCY FOR INTERNATIONAL DEV		4,548,188	4,382,011

RESEARCH AND DEVELOPMENT CLUSTER Total 213,585,930 203,235,159

TOTAL SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS \$ 213,585,930 \$ 203,235,159

UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. NOTES TO THE 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") include the federal award activity of the University of Georgia Research Foundation, Inc. (the "Foundation") under programs of the federal government for the year ended June 30, 2023. 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 Foundation, it is not intended to and does not present either the financial position, changes in net assets, or cash flows of the Foundation.

Note 2—Summary of significant accounting policies

Expenditures reported on the Schedule are prepared on the cash basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles contained in OMB Circular A-21, *Cost Principles for Education Institutions*, or the cost principles contained in the Uniform Guidance, wherein certain types of 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. Pass-through entity identifying numbers are presented where available.

Note 3—Indirect cost rate

The Foundation has elected not to use the 10% de minimis indirect cost rate allowed under Uniform Guidance.

Note 4—Noncash awards

The Foundation did not receive any material noncash federal awards during the year ended June 30, 2023.

Note 5—Contingencies

These award programs are subject to financial and compliance audits by grantor agencies. The amount, if any, of expenditures that may be disallowed by the grantor agencies cannot be determined at this time, although the Foundation expects such amounts, if any, to be immaterial.

Note 6—State funds

The State of Georgia (the "State") receives awards directly from the federal government and supplements those funds with its own funds. The State then awards a combination of federal and state funds to the Foundation. If the Foundation is unable to determine the federal portion, the entire amount is reported on the Schedule.

Note 7—Subrecipient

The Foundation provided all federal awards, net of a portion of the indirect costs retained by the Foundation, to the University of Georgia as a subrecipient.

UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

YEAR ENDED JUNE 30, 2023

Section I. Summary of Auditor's Results

Financial Statements				
Type of auditor's report issued:	Unmod	lified		
 Internal control over financial reporting: Material weakness(es) identified? Significant deficiency(ies) identified? 		yes yes		no none reported
Noncompliance material to financial statements noted?		yes	<u> </u>	no
Federal Awards				
 Internal control over the major federal program: Material weakness(es) identified? Significant deficiency(ies) identified? 		yes yes		no none reported
Type of auditor's report issued on compliance for major program:	Unmod	lified		
Any audit findings disclosed that are required to be reported in accordance with 2CFR Section 200.516(a)?		yes	<u> </u>	no

Identification of Major Program

The program tested as a major program of the University of Georgia Research Foundation, Inc. is:

<u>ALN #</u>	Name of Federal Program
Listed by Assistance Listing # on the Schedule	Research and Development Cluster

The dollar threshold for Type A programs was \$3,000,000.

The University of Georgia Research Foundation, Inc. qualified as a low-risk auditee.

Section II. Findings in Relation to the Audit of the Financial Statements

None reported for the year ended June 30, 2023.

Section III. Federal Award Findings and Questioned Costs

None reported for the year ended June 30, 2023.

Section IV. Prior Year Findings

There were no prior year findings reported.