University of Missouri System

Single Audit Reports

June 30, 2024

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	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DEPARTMENT OF AGRICULTURE									
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-0206-0-189 58-3022-1-020				\$ 93,493 S		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-3022-1-020 58-3060-1-039				\$ 88,683	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-3072-1-011				\$ 571.842		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5030-1-041				\$ 74,523		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-0-020				\$ 121,211		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-0-022				\$ 384,661	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-0-025				\$ 19,116	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-1-007				\$ 23,149	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-1-008				\$ (765)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-1-012				\$ 118,586		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-2-007				\$ (11,323)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001 10.001	58-5070-2-008 58-5070-2-010				\$ (152) : \$ (9,432) :		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-2-017				\$ 19.389	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-2-025				\$ 116,005		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-2-026				\$ 780,320		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-2-027				\$ 8,220	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-2-028				\$ 13,760	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-012				\$ 40,693	\$ 5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-013				\$ 1,883	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-014				\$ 28,355		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-015				\$ 91,115		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-016				\$ 63,077		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001 10.001	58-5070-3-018 58-5070-3-019				\$ 243,824 S \$ 23,596 S	, , .	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-019 58-5070-3-020				\$ 23,596 S \$ 23,135 S		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-020				\$ 122.198		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-022				\$ 55,766	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-025				\$ 1,387	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-026				\$ 72,208		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-3-027				\$ 15,611	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-4-030				\$ 87,856	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-4-031				\$ 8,257	\$ 5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-4-032				\$ 22,430		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-4-033				\$ 5,786	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-4-034				\$ 14,203		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-5070-4-035 58-6020-0-007				\$ 14,437 S \$ 921,339 S		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-6020-0-007				\$ 921,339	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-8030-0-008				\$ (8,715)	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-8042-2-103				\$ 31.775		RESEARCH AND DEVELOPMENT	\$ 270.848.033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	58-8082-3-004				\$ 5,677	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-0206-2-094				\$ 14,579	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-3030-2-001				\$ 57,450	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-2-003				\$ 63,347		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-3-002				\$ 131,012	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-3-003				\$ 56,917		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-3-004 59-5070-3-005				\$ 44,358 S 38,170 S		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-3-005				\$ 18.403	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-4-001				\$ 56,110	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-5070-4-003				\$ 170.584		RESEARCH AND DEVELOPMENT	\$ 270.848.033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6066-3-002				\$ 5,879		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6066-4-002				\$ 232	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6066-4-003				\$ 4,769	\$ 5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-3-005				\$ 7,868		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-3-006				\$ 28,288	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-3-007				\$ 63,799		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-3-013				\$ 15,552 S		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-3-014 59-6070-3-018				\$ 13,190 S	-,,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-3-018				\$ 20.000	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-4-002				\$ 20,000		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-4-013				\$ 35,743		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001	59-6070-4-014				\$ 20,746	5,424,732	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001		MICHIGAN STATE UNIVERSITY	RC114202		\$ 26,329		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001		MISSISSIPPI STATE UNIVERSITY	182090.310330.01		\$ 139,213		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21PPQS&T00C120				\$ (9,704)	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21VSSP0000C039				\$ 54,168		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP22VSSP0000C002		:		\$ 64,617		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP23VSD&B000C002				\$ 90,828	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025 10.025	AP23VSD&B000C066 AP23VSSP0000C110				\$ 137,870 S \$ 79,196 S	,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	MF23V33PUUUUL110	COLORADO STATE UNIVERSITY	G-50346-17		\$ 79,196 5		N/A	\$ 270,848,033 \$ -
	20.023		COLONIDO SINIE UNIVERSITI	0 30340-17		- 240,500	. 050,555	/^	÷ -

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	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		MISSOURI DEPARTMENT OF AGRICULTURE	N/A	\$	13,536	,,	N/A	\$ -
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE WILDLIFE SERVICES	10.025 10.028	AP22WSNWRC00C019	OKLAHOMA STATE UNIVERSITY	5 556302 - UM	\$	19,338 14,546	,,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
WILDLIFE SERVICES WILDLIFE SERVICES	10.028	AP22WSNWRC00C019 AP22WSNWRC00C068			\$ \$ 54,540 \$,	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
WILDLIFE SERVICES	10.028	AP23WSNWRC00C029		,	, 54,540 ¢	579,171		RESEARCH AND DEVELOPMENT	\$ 270,848,033
WILDLIFE SERVICES	10.028	AP23WSNWRC00C035			Ś	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESERVE PROGRAM	10.069	NR206424XXXXG001			\$	5,116	\$ 122,535	N/A	\$ -
CONSERVATION RESERVE PROGRAM	10.069		DUCKS UNLIMITED INC	RS-55-1	\$	117,419		RESEARCH AND DEVELOPMENT	\$ 270,848,033
WETLANDS RESERVE PROGRAM	10.072		NATURE CONSERVANCY	20180705-02	\$	13,674	\$ 106,812	N/A	\$ -
WETLANDS RESERVE PROGRAM	10.072		UNIVERSITY OF ARKANSAS	NR213A750009C001-2	\$,	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MARKET NEWS	10.153		MISSOURI DEPARTMENT OF AGRICULTURE	N/A	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MARKET PROTECTION AND PROMOTION	10.163	23-FTPSD-MO-0007			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANSPORTATION SERVICES	10.167	AM23TMATRD00C003			\$	30,230		RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANSPORTATION SERVICES	10.167	20-TMTSD-MO-0002			\$	97,333		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170 10.170	AM190200XXXXG010	MISSOURI DEPARTMENT OF AGRICULTURE	23SCBPMO1196				RESEARCH AND DEVELOPMENT N/A	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE MISSOURI DEPARTMENT OF AGRICULTURE	233CBPMO1196 AM190100XXXXG029	Ş	.,		N/A N/A	\$ -
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	AM200100XXXG029	<i>چ</i> ژ			N/A N/A	\$ - \$ -
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	AM22SCBPMO1152	,	36,584		N/A	ė .
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	21SCBPM01020	Ś			RESEARCH AND DEVELOPMENT	\$ 270.848.033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	21SCBPMO1068	Ś	20.571	\$ 242.244	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	23SCBPMO1196	Ś	10.824	\$ 242,244	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	23SCBPMO1196 - Project 7	\$	2,608	\$ 242,244	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	AM200100XXXXG064, Prj 11	\$	202	\$ 242,244	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	AM200100XXXXG064, Project	\$	4,292	\$ 242,244	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	AM22SCBPMO1152	\$	40,484	\$ 242,244	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		MISSOURI DEPARTMENT OF AGRICULTURE	N/A	\$	17,550		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACER ACCESS DEVELOPMENT PROGRAM	10.174	21ACERMO1005		5	,	-,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.175		OREGON FARMERS MARKETS ASSN	N/A	\$,	, .,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.175		WEST CENTRAL MISSOURI COMMUNITY ACTION AGENCY	N/A	\$			N/A	\$ -
DAIRY BUSINESS INNOVATION INITIATIVES	10.176		SUPERSONIC	N/A	\$,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REGIONAL FOOD BUSINESS CENTERS	10.186		UNIVERSITY OF NEBRASKA LINCOLN	25-6812-0004-101	\$,		N/A	\$ -
REGIONAL FOOD BUSINESS CENTERS	10.186		UNIVERSITY OF NEBRASKA LINCOLN	25-6812-0004-112	\$	90,913	\$ 194,379	N/A	\$ -
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200		IOWA STATE UNIVERSITY	022798Q	\$	-,	, -,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE FORESTRY RESEARCH	10.202	NI23MSCFRXXXG027			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE FORESTRY RESEARCH	10.202	NI24MSCFRXXXG059			\$	416,827	\$ 593,456	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	NI22HMFPXXXXG012			\$	279,941	\$ 6,644,078	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	40.000							050510011110 051510001515	4 272 242 222
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH	10.203	NI23HFPXXXXXG004			\$	1,359,161	\$ 6,644,078	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACT PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH	10.203	NI23HMFPXXXXG005			\$	226,075	\$ 6,644,078	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACT	10.203	NI24HFPXXXXXG041			\$	3,972,545	\$ 6,644,078	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	NI24HMFPXXXXG026			Ś	806,356	\$ 6,644,078	RESEARCH AND DEVELOPMENT	\$ 270.848.033
ANIMAL HEALTH AND DISEASE RESEARCH	10.203	NI23AHDRXXXXG026			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ANIMAL HEALTH AND DISEASE RESEARCH	10.207	NI24AHDRXXXXG026			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHER EDUCATION NATIONAL NEEDS GRADUATE FELLOWSHIP GRANTS	10.210	2019-38420-28972			Ś	18,050	\$ 37,054	N/A	\$ -
HIGHER EDUCATION NATIONAL NEEDS GRADUATE FELLOWSHIP GRANTS	10.210	2020-38420-30720			Ś	19.004	\$ 37.054	RESEARCH AND DEVELOPMENT	\$ 270.848.033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215	2020-38420-30720	UNIVERSIT OF MINNESOTA	H008568328	\$ \$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H008917107	<i>چ</i> ژ			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H008917130	, \$,	, , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H008917150	Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H009277409	Ś	.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H009277424	Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H009987630	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H011114511	\$	11,312	\$ 434,478	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSIT OF MINNESOTA	H011171416	\$	1,293	\$ 434,478	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF MINNESOTA	H009987627	\$	57,708	\$ 434,478	N/A	\$ -
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3662	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3675	\$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3676	\$.,	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3677	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2023-3719	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216	2022 70022 20752	LINCOLN UNIVERSITY	2024-3748-1	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	2023-70003-38768			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM SECONDARY EDUCATION, TWO-YEAR POSTSECONDARY EDUCATION, AND	10.217	2023-70003-38775			\$, ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE IN THE K-12 CLASSROOM EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING &	10.226	2022-38414-37918		\$	6,550 \$	107,475	\$ 107,475	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING & ENGAGEMENT	10.229		EXTENSION FOUNDATION	EXC2-2021-2117	Ś	3.647	\$ 3.647	RESEARCH AND DEVELOPMENT	\$ 270.848.033
BIOPRODUCT PILOT PROGRAM	10.229		VIRGINIA TECH	423701-19228	\$	-,	-,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
2.2. 100007 1207 110010111	10.230		III.GINA IEGI	-25,01-15220	,	114,010	, 114,010	JE INC DEVELOT IVIEIVI	2 270,040,000

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE						,			
AGREEMENTS AND COLLABORATIONS	10.250	58-3000-0-0036			\$	42,532 \$	90,114	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE									
AGREEMENTS AND COLLABORATIONS	10.250	58-6000-2-0116			\$	43,411 \$	90,114	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250		UNIVERSITY OF WISCONSIN MADISON	0000002555	\$	4,171 \$	90,114	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSUMER DATA AND NUTRITION RESEARCH	10.250		TUFTS UNIVERSITY TUFTS UNIVERSITY	PO EP0234075	\$	4,171 \$ 14,579 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC	10.233		TOTTS ONIVERSITY	10 270254075	,	14,575 \$	14,575	RESEARCH AND DEVELOT WENT	\$ 270,040,033
(RIDGE)	10.255		TUFTS UNIVERSITY	104620-00001	\$	23,963 \$	23,963	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290	58-0111-21-017			\$	95 \$	3,921	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290	58-0111-21-018		5		3,826 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-20-016		5		(1,824) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-21-009		\$	\$ 167,102 \$	770,502 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291 10.291	58-0111-21-012 58-0111-22-015		9	\$ \$ 113.063 \$	45,777 \$ 1,110,975 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-22-017		5		260.560 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-23-014				1,006,567 \$	-, -, -	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-23-017			\$	14 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTEGRATED PROGRAMS	10.303	2020-51106-32359		\$	\$ 11,488 \$	133,971 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTEGRATED PROGRAMS	10.303		LINCOLN UNIVERSITY	2022-3685	\$	10,242 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD AND AGRICULTURE DEFENSE INITIATIVE (FADI)	10.304	2022-37624-38175			\$	12,499 \$,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD AND AGRICULTURE DEFENSE INITIATIVE (FADI) FOOD AND AGRICULTURE DEFENSE INITIATIVE (FADI)	10.304 10.304	2023-37624-40716	MICHIGAN STATE UNIVERSITY	RC114390UM	\$	201,473 \$ 28,076 \$,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.304		INICAIN LINIVERSITY	2022-3705	\$	28,076 \$ 96,895 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		WINROCK INTERNATIONAL	7009-21-A-04	,	24.197 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIALTY CROP RESEARCH INITIATIVE	10.309	2021-51181-35860	William Welliam III	7005 2171 04	\$ 261,206 \$	1,179,631 \$,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67032-29290			\$	21,537 \$		N/A	\$ -
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-68015-38423			\$	(620) \$		N/A	\$ -
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-37123		5	\$ 81,447 \$	180,111 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67013-30632			\$	77,904 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26587			\$	4,056 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2018-67013-27536 2018-67015-27598		\$	\$ 2,428 \$	248,242 \$ 70,962 \$, ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67015-28998		5	5 7,335 \$	337,444 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67015-29484		· · · · · · · · · · · · · · · · · · ·	\$	115,485 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67021-28993			\$	(3,577) \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67013-30908			\$	106,069 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-30829			\$	96,625 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31016			\$	87,684 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31017			\$ \$	82,795 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2020-67015-31132 2020-67015-31574			ş \$	96,522 \$ 173.038 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67030-31336			Ś	24,860 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-68006-35036		5	\$ 15,683 \$	43,942 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33402			\$	150,986 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33404			\$	4,789 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33405			\$	2,222 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2021-67015-37521 2021-67019-35068		,	\$ \$ 95.602 \$	108,900 \$ 114.006 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67019-33068		\$	95,602 \$	81,906 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-33446			Ś	87,978 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-34504		5	5 55,616 \$	109,583 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67023-33824			\$	65,939 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67034-35142			\$	29,359 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-68006-33835			\$	25,732 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2021-68006-33890 2022-67011-36566		\$	\$ 49,818 \$ \$	204,168 \$ 4.390 \$, ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67011-36568			\$	4,390 \$ 25,644 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67013-36287		5	\$ 58.615 \$	184.933 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67013-41793				74,542 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67014-36134				150,600 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-36218			\$	102,892 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-36299			\$	103,847 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-36301			\$	205,598 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2022-67015-37086 2022-67015-41227			\$	19,320 \$ 190.846 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-41227		5	\$ 69.816 \$	69,816 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-68008-36646				77,995 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-69016-36101			\$	95,547 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67011-40485			\$	45,710 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67012-39265			\$	6,352 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2023-67012-40304 2023-67013-39414			\$	87,048 \$ 15.161 \$, ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2023-67013-39414 2023-67013-39896		9	\$ \$ 95.748 \$	15,161 \$ 231,439 \$, ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67013-39896		,	\$ 95,740 ¢	72,501 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67013-40244			\$	239,828 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal Assistance	Additional Award		Identification Atomber Andread by	Total Amount Provided to	Federal	F-d D		
Federal Awarding Agency/Program Title	Assistance Number	Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67015-39261	rame of ranger rass rimough entry	runaci russ rinough Entity	\$ 715 \$			RESEARCH AND DEVELOPMENT	\$ 270.848.033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67015-39262			\$	10,585 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67015-39523			\$ 7,569 \$	76,943 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67017-39466			\$	66,063 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67017-40165			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67019-40220			\$. , ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	2023-67023-40217 2023-67023-40292			\$	109,873 \$ 113.624 \$, ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67023-40292			\$ \$ 147,117 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2024-67013-41992			ý 147,117 ý	952 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2024-68014-42561			\$	2,286 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		DONALD DANFORTH PLANT SCIENCE CENTER	N/A	\$	32,324 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		EXTENSION FOUNDATION	WKFC-2024-2455	\$	58,191 \$	7,398,009	N/A	\$ -
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		ILLINOIS STATE UNIVERSITY	A20-0051-S001	\$, ,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		IOWA STATE UNIVERSITY	022848A	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310		IOWA STATE UNIVERSITY IOWA STATE UNIVERSITY	024408E 024806B	\$ \$, . ,		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		KANSAS STATE UNIVERSITY	A20-0483-S001	<u>د</u> خ		, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		LINCOLN UNIVERSITY	2022-3691	5			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		LINCOLN UNIVERSITY	2023-3712-MU	Š	, ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		NORTH CAROLINA STATE UNIVERSITY	2019-1507-14	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		NORTH CAROLINA STATE UNIVERSITY	PAM-P20-000938-SA02	\$	130,900 \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		OHIO STATE UNIVERSITY	SPC-1000011503 - GR131081	\$.,,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		OKLAHOMA STATE UNIVERSITY	2-560604.MO	\$, , , ,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		PURDUE UNIVERSITY	F9002796702008	\$, ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		SOUTH DAKOTA STATE UNIVERSITY SOUTH DAKOTA STATE UNIVERSITY	3TC493	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310		UNIVERSITY OF ARKANSAS	3TG077 SA1909233	\$ \$	-, ,		RESEARCH AND DEVELOPMENT N/A	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF CALIFORNIA DAVIS	A20-2113-S001	, S			RESEARCH AND DEVELOPMENT	\$ 270.848.033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF GEORGIA	SUB00002159	5	.,,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	112411-19568	\$	13,561 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MARYLAND	91211-Z5214202	\$	(54) \$	7,398,009	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MEMPHIS	A20-0249-S001	\$, +	.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF NEBRASKA LINCOLN	25-1220-0006-002	\$, ,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE	9500098104	\$	9,712 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2010 70017 20570	UNIVERSITY OF WISCONSIN MADISON	000000849	\$	7,175 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311 10.311	2018-70017-28578 2023-49400-40883			\$ \$ 8.129 \$	3,097 \$ 70,109 \$		N/A N/A	\$ -
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	2023-49400-40883			\$ 8,129 \$	191,500 \$,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	2021-70033-33713	APPALACHIAN STATE UNIVERSITY	A21-0030-S002	5			N/A	\$ 270,040,033
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE					•	-, +	,	-4	•
GRANTS PROGRAM	10.319	2020-38504-32381			\$ 14,772 \$	14,772 \$	268,392	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE									
GRANTS PROGRAM	10.319	2021-38504-35300			\$ 70,229 \$	103,889 \$	268,392	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE									
GRANTS PROGRAM	10.319	2022-38504-37841			\$ 127,308 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUN GRANT PROGRAM SUN GRANT PROGRAM	10.320 10.320		KANSAS STATE UNIVERSITY TEXAS A&M UNIVERSITY	A21-0688-S001 M2202268	, S			RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
	10.320		TEXAS A&M UNIVERSITY	WI22U2268	3	20,191 \$	52,712	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326		MISSOURI STATE UNIVERSITY	20058-001	S	1.302 S	69.050	N/A	\$ -
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF	10.520		MISSONI STATE STATE STATE	20030 001	,	1,502 9	05,050		*
AGRICULTURE (NLGCA)	10.326		MISSOURI STATE UNIVERSITY	20149-001	Ś	2,701 \$	69,050	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF									
AGRICULTURE (NLGCA)	10.326		UNIVERSITY OF TENNESSEE	2021-70001-34771-1	\$, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD SAFETY OUTREACH PROGRAM	10.328	2020-70020-32267			\$ 16,437 \$, ,	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD SAFETY OUTREACH PROGRAM	10.328	2022-70020-37571			\$ 17,622 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD SAFETY OUTREACH PROGRAM FOOD SAFETY OUTREACH PROGRAM	10.328 10.328	2023-70020-40568	UNIVERSITY OF WISCONSIN MADISON	0000002591	\$ 11,437 \$,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS	10.328		UNIVERSITY OF WISCONSIN MADISON	0000002591	\$	35,124 \$	100,001	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PROGRAM	10.329	2021-70006-35511			Ś	167,025 \$	189.680	RESEARCH AND DEVELOPMENT	\$ 270.848.033
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS					·	, +	,		+,,
PROGRAM	10.329		IOWA STATE UNIVERSITY	026461Q	\$	21,427 \$	189,680	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS									
PROGRAM	10.329		IOWA STATE UNIVERSITY	026461U	\$	111 \$	189,680	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS									
PROGRAM	10.329		IOWA STATE UNIVERSITY	N/A	\$	647 \$	189,680	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.222		NORTH CENTRAL INTECRATED DESCRIPTION OF THE CO.	N/A		470 \$	100.00-	DECEMBELL AND DESIGNATION	\$ 270.848.033
PROGRAM ALFALFA SEED AND ALFALFA FORAGE SYSTEMS PROGRAM	10.329 10.330		NORTH CENTRAL INTEGRATED PEST MANAGEMENT CENTER SOUTH DAKOTA STATE UNIVERSITY	N/A 3TG372	\$ \$,	,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
GUS SCHUMACHER NUTRITION INCENTIVE PROGRAM	10.330		MID AMERICA REG COUNCIL (MARC)	31G3/2 N/A	\$ 5	, , ,	, .	KESEAKCH AND DEVELOPMENT N/A	\$ 270,648,033
AGRICULTURAL GENOME TO PHENOME INITIATIVE	10.332		IOWA STATE UNIVERSITY	024256M	\$,,	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENHANCING AGRICULTURAL OPPORTUNITIES FOR MILITARY VETERANS					,	,.00 0	,,03		,,
COMPETITIVE GRANTS PROGRAM	10.334		MICHIGAN FOOD AND FARMING SYSTEMS	N/A	\$	55,165 \$	55,165	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VETERINARY SERVICES GRANT PROGRAM	10.336	2019-70024-30316			\$	34,509 \$	93,198	N/A	\$ -
VETERINARY SERVICES GRANT PROGRAM	10.336	2023-70024-41031			\$, +		N/A	\$ -
VETERINARY SERVICES GRANT PROGRAM	10.336	2020-70024-32367			\$	21,469 \$	93,198	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to	Federal F	ederal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
RURAL BUSINESS DEVELOPMENT GRANT	10.351	249451816				•	85,638	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE INNOVATION CENTER DEMONSTRATION PROGRAM	10.377	R08683475247			\$ 15,452	446,335 \$	446,335	N/A	\$ -
OUTREACH AND ASSISTANCE FOR SOCIALLY DISADVANTAGED AND									
VETERAN FARMERS AND RANCHERS	10.443	AO212501X443G004			\$ 101,090 \$	230,744 \$	230,744	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE EXTENSION SERVICE	10.500	2018-41590-28716			\$	8,132 \$	475,881	N/A	\$ -
COOPERATIVE EXTENSION SERVICE	10.500	2019-41520-30039			9	. ,	475,881	N/A	\$ -
COOPERATIVE EXTENSION SERVICE COOPERATIVE EXTENSION SERVICE	10.500 10.500	2019-48540-30098			9	, ,	475,881 475.881	N/A N/A	\$ -
COOPERATIVE EXTENSION SERVICE	10.500	2023-41210-41076 2021-41210-35029			;	5 54,589 \$ 5 7.885 \$	475,881 475.881	RESEARCH AND DEVELOPMENT	\$ 270.848.033
COOPERATIVE EXTENSION SERVICE	10.500	2022-41590-38128			\$ 44,173	,	475,881	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE EXTENSION SERVICE	10.500	2022 41330 30120	EXTENSION FOUNDATION	NTAE-2022-2216	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,428 \$	475,881	N/A	\$
COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2022-2218	3		475,881	N/A	\$ -
COOPERATIVE EXTENSION SERVICE	10.500		MISSISSIPPI STATE UNIVERSITY	031049		9,712 \$	475,881	N/A	\$ -
SMITH-LEVER EXTENSION FUNDING	10.511	NI23SLBCXXXXG036			5	4,395,644 \$	10,402,119	N/A	\$ -
SMITH-LEVER EXTENSION FUNDING	10.511	NI24SLBCXXXXG035			5	6,006,475 \$	10,402,119	N/A	\$ -
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514	NI22EFNEPXXXG018			5		1,718,365	N/A	\$ -
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514	NI23EFNEPXXXG013			\$, ,	1,718,365	N/A	\$ -
RENEWABLE RESOURCES EXTENSION ACT	10.515	NI23RREAFXXXG030			5	, ,	107,275	N/A	\$ -
RENEWABLE RESOURCES EXTENSION ACT	10.515	NI24RREAFXXXG058			\$	71,668 \$	107,275	N/A	\$ -
RURAL HEALTH AND SAFETY EDUCATION COMPETITIVE GRANTS PROGRAM	10.516	2021-46100-35382			5	93,737 \$	241,087	N/A	\$ -
RURAL HEALTH AND SAFETY EDUCATION COMPETITIVE GRANTS PROGRAM	10.516	2022-46100-38171			5	113,148 \$	241,087	N/A	\$ -
RURAL HEALTH AND SAFETY EDUCATION COMPETITIVE GRANTS PROGRAM	10.516	2023-46100-41099			5	34,202 \$	241,087	N/A	\$ -
EQUIPMENT GRANTS PROGRAM (EGP)	10.519	2021-70410-35303			5		393,620	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EQUIPMENT GRANTS PROGRAM (EGP)	10.519	2023-70410-41181			5	392,621 \$	393,620	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGRICULTURE RISK MANAGEMENT EDUCATION PARTNERSHIPS									
COMPETITIVE GRANTS PROGRAM	10.520		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0245-110	;	\$ 16,760 \$	51,053	N/A	ş -
AGRICULTURE RISK MANAGEMENT EDUCATION PARTNERSHIPS COMPETITIVE GRANTS PROGRAM	10.520		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0245-141	;	5 783 \$	51,053	N/A	\$ -
AGRICULTURE RISK MANAGEMENT EDUCATION PARTNERSHIPS COMPETITIVE GRANTS PROGRAM	10.520		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0207-110	;	33,510 \$	51,053	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM	10.525		MISSOURI DEPARTMENT OF AGRICULTURE	N/A	;	5 53,629 \$	234,610	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE									
GRANTS PROGRAM	10.525		UNIVERSITY OF ILLINOIS SYSTEM	101598-18132	;	33,313 \$	234,610	N/A	\$ -
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM	10.525		UNIVERSITY OF ILLINOIS SYSTEM	115000-19829	;	30,170 \$	234,610	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM	10.525		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	101598-18133	;	5 73,183 \$	234,610	N/A	\$ -
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM	10.525		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	115000-19828	;	\$ 44,315 \$	234,610	RESEARCH AND DEVELOPMENT	\$ 270,848,033
WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380009	;	\$ 380 \$	42,442	N/A	\$ -
WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN,									
INFANTS, AND CHILDREN	10.557		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050709	;		42,442	N/A	\$ -
CHILD AND ADULT CARE FOOD PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL	10.558		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A	;	17,057 \$	17,057	N/A	\$ -
NUTRITION ASSISTANCE PROGRAM	10.561		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC18380165	\$ 28,491	5 12,419,346 \$	12,737,570	SNAP CLUSTER	\$ 12,737,570
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC23380022		\$ 318,224 \$	12,737,570	SNAP CLUSTER	\$ 12,737,570
TECHNICAL ASSISTANCE FOR SPECIALTY CROPS PROGRAM	10.604	TASC-2022-03			5	129,916 \$	129,916	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTERNATIONAL AGRICULTURAL EDUCATION FELLOWSHIP PROGRAM	10.619	FX22AE-10619R003			\$ 186,093 \$	350,463 \$	360,127	N/A	\$ -
INTERNATIONAL AGRICULTURAL EDUCATION FELLOWSHIP PROGRAM	10.619	FX23AE-10619R001			5	9,664 \$	360,127	N/A	\$ -
SCIENTIFIC EXCHANGES PROGRAM	10.620	FX21SX-10620R009			\$ 63,395		232,582	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENTIFIC EXCHANGES PROGRAM	10.620	FX22SX-10620R003			\$ 37,916		232,582	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE FORESTRY ASSISTANCE PARTNERSHIP AGREEMENTS	10.664	21-CA-11132540-034			5	38,690 \$	38,690	N/A	\$ -
PARTNERSHIP AGREEMENTS PARTNERSHIP AGREEMENTS	10.699 10.699	21-CS-11090500-016 22-CS-11090100-016				5,483 \$ 6,785 \$	56,048 56.048	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
PARTNERSHIP AGREEMENTS	10.699	22-CS-11090100-016 22-CS-11090500-040					56,048	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PARTNERSHIP AGREEMENTS	10.699	23-CS-11090500-040			,		56,048	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PARTNERSHIP AGREEMENTS	10.699	23-CS-11090500-032					56,048	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PARTNERSHIP AGREEMENTS	10.699	23-PA-11080100-441					56,048	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-013				51,559 \$	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-073					519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-092			5		519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242313-035			5	, +	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	20-CR-11242314-108			5	4,335 \$	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	20-JV-11242311-060			5	, +	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	22-JV-11242311-039				6,682 \$	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707 10.707	23-JV-11242302-009				31,521 \$	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	23-JV-11242311-111 23-JV-11242313-045			,	135,268 \$	519,604 519,604	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	24-JV-111111124-079				, +	519,604	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMMUNITY WOOD ENERGY AND WOOD INNOVATION PROGRAM	10.707	24-JV-11111124-079 24-JV-111111124-017				42,403 \$	42,403	RESEARCH AND DEVELOPMENT	\$ 270,848,033
						, +	,		

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
INFRASTRUCTURE INVESTMENT AND JOB ACT JOINT FIRE SCIENCE									
PROGRAM (RESEARCH & DEVELOPMENT)	10.714	23-JV-11111124-053			\$	84,796	\$ 381,301	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INFRASTRUCTURE INVESTMENT AND JOB ACT JOINT FIRE SCIENCE									
PROGRAM (RESEARCH & DEVELOPMENT)	10.714	23-JV-11242311-042			\$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RURAL ECONNECTIVITY PILOT PROGRAM	10.752	RD-RU-COOP-24-32			\$	29,615		N/A	\$ -
RURAL INNOVATION STRONGER ECONOMY	10.755	29-000-249451816			\$ 49,929 \$	156,210	\$ 156,210	N/A	\$ -
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R027			\$	94,178	\$ 100,240	N/A	\$ -
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND									
TECHNOLOGY FELLOWSHIP	10.777	FX21BF-10777R004			\$	6,062		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RURAL ENERGY FOR AMERICA PROGRAM	10.868	GLSX0002697231			\$ 28,352 \$	36,853		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOIL AND WATER CONSERVATION	10.902	NR236424XXXXC005			\$	7,506		N/A	\$ -
SOIL AND WATER CONSERVATION	10.902	NR236424XXXXG003			\$	23,545		N/A	\$ -
SOIL AND WATER CONSERVATION SOIL AND WATER CONSERVATION	10.902 10.902	NR183A750023C006 NR196424XXXXC004			\$	905 28.469		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
SOIL AND WATER CONSERVATION SOIL AND WATER CONSERVATION	10.902				\$	28,469 44.539		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
SOIL AND WATER CONSERVATION SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC005 NR216424XXXXC023			\$ \$	44,539 23.784		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOIL AND WATER CONSERVATION SOIL AND WATER CONSERVATION	10.902	NR216424XXXCU23 NR233A750023C046			\$	-, -		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOIL AND WATER CONSERVATION SOIL AND WATER CONSERVATION	10.902	NR236424XXXXC008			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOIL AND WATER CONSERVATION	10.902	NR236424XXXXC012			\$	38,235		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOIL AND WATER CONSERVATION	10.902	NR236424XXXXG008			\$	53,526		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOIL AND WATER CONSERVATION	10.902	1411230424777770000	CHILDREN'S LEARNING THROUGH OUTDOOR EXPE	Y22-MO ChLOE - UnivMO	ŝ	,		N/A	\$ 270,040,033
SOIL AND WATER CONSERVATION	10.902		DAIRY GRAZING APPRENTICESHIP	N/A	\$	73,769		N/A	\$ -
SOIL AND WATER CONSERVATION	10.902		NATIONAL FISH AND WILDLIFE FOUNDATION	2004.23.077628	Ś			N/A	ς .
SOIL AND WATER CONSERVATION	10.902		UNIVERSITY OF NEBRASKA LINCOLN	25-6321-0415-004	\$			RESEARCH AND DEVELOPMENT	\$ 270.848.033
SOIL SURVEY	10.903	NR205A12XXXXC002	OWNERS IN OF NEED OUT ENCOUR	25 0521 0425 004	Ś	40.511		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR186424XXXXG014			Ś	(3,998)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR213A750025C004			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR216424XXXXG004			\$	17,511	\$ 175,000	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR236424XXXXG013			\$	2,648		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR236424XXXXG014			\$	13,007	\$ 175,000	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		ENVIROSCAPES ECOLOGICAL CONSULTING, LLC	N/A	\$	(23,972)	\$ 175,000	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		FLORIDA STATE UNIVERSITY	R000003272	\$	26,387	\$ 175,000	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		LINCOLN UNIVERSITY	2024-3731	\$	76,472	\$ 175,000	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		UNIVERSITY OF KENTUCKY	3200004692-22-216	\$	36,632	\$ 175,000	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRASSLAND RESERVE PROGRAM	10.920	NR223A750023C005			\$	39,610	\$ 39,610	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION STEWARDSHIP PROGRAM	10.924	NR203A750023C013			\$ 8,345 \$	102,008	\$ 102,008	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FERAL SWINE ERADICATION AND CONTROL PILOT PROGRAM	10.934		MISSOURI DEPARTMENT OF CONSERVATION	CPLC # STW-02-2020-276	\$	371,444		N/A	\$ -
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937	NR233A750004G010			\$ 479,406 \$			N/A	\$ -
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		AGRICAPTURE INC	0001	\$	1,488	, , , ,	N/A	\$ -
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		DAIRY GRAZING APPRENTICESHIP	N/A	\$	193,552		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		NATIONAL FISH AND WILDLIFE FOUNDATION	2004.23.079231	\$, , , ,	N/A	\$ -
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		NATURE CONSERVANCY	AGF_PCSC_SA_Y1Q2	\$			N/A	\$ -
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		ROESLEIN & ASSOC	N/A	\$	43,448		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		UNIVERSITY OF TENNESSEE	A24-0412-S011	\$,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PARTNERSHIPS FOR CLIMATE-SMART COMMODITIES	10.937		UNIVERSITY OF TEXAS ARLINGTON	2022GC1726	\$,	, , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R004			\$	236,874	, , , , , ,	N/A	\$ -
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R010			\$	156,281		N/A	\$ -
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R015			\$	187,265	, , , , , ,	N/A	\$ -
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R016			\$ \$ 42.674 \$	(4,715)		N/A	\$ -
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX21TA-10960C016				,		N/A	\$ -
TECHNICAL AGRICULTURAL ASSISTANCE TECHNICAL AGRICULTURAL ASSISTANCE	10.960 10.960	FX21TA-10960R021 FX22TA-10960R014			\$ 14,993 \$	187,913 213,981		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
TECHNICAL AGRICULTURAL ASSISTANCE TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX22TA-10960R014 FX22TA-10960R019			\$	213,981 145,613		RESEARCH AND DEVELOPMENT	\$ 270,848,033
TECHNICAL AGRICULTURAL ASSISTANCE TECHNICAL AGRICULTURAL ASSISTANCE	10.960	LV551W-10300K013	CABI	N/A	\$	145,613		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
SCIENTIFIC COOPERATION AND RESEARCH	10.960	FX20SR-10961R005	CADI	N/A	\$ 3,222 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENTIFIC COOPERATION AND RESEARCH	10.961	FX21SR-10961R003			\$ 5,222 \$	8.177		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENTIFIC COOPERATION AND RESEARCH SCIENTIFIC COOPERATION AND RESEARCH	10.961	FX21SR-10961R003 FX22SR-10961R006			\$	2,214		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENTIFIC COOPERATION AND RESEARCH	10.961	FX23SR-10961R007			ş \$	3.194		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COCHRAN FELLOWSHIP PROGRAM	10.962	FX24CO-10962R004			Ś	-, -		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COCHRAN FELLOWSHIP PROGRAM	10.962	FX24CO-10962R007			Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
COCHRAN FELLOWSHIP PROGRAM	10.962	FX24CO-10962R010			Ś	,-		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COCHRAN FELLOWSHIP PROGRAM	10.962	FX24CO-10962R018			Ś	10.751	\$ 264,471	RESEARCH AND DEVELOPMENT	\$ 270.848.033
URBAN AGRICULTURE AND URBAN COUNTY COMMITTEE OUTREACH,					Ý	,	,		,,
TECHNICAL ASSISTANCE, AND EDUCATION	10.971	FSA23CPT0012862			\$	85,017	\$ 85,017	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EFFECTS ON BISON DURING PRAIRIE RESTORATION	10.RD	20-CS-11091500-009			\$	94,373		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MU-OSAGE FOOD & AGRICULTURE PROGRAM FOR TRIBAL STUDENT R	10.RD	2021-70411-35214			\$	34,361	\$ 302,717	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HBCU-HSI-RIU CONSORTIUM: A SYNERGISTIC PARADIGM FOR TRAI	10.RD	2024-3721-MS&T	LINCOLN UNIVERSITY	2024-3721-MS&T	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MRBI STUDY - MORRIS	10.RD	28027853-15C001777	ORA CLAY MORRIS JR	28027853-15C001777	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL DEPARTMENT OF AGRICULTURE					\$ 2.983.044 \$	67 242 002			
				•	\$ 2,983,044 \$	67,213,893			
DEPARTMENT OF COMMERCE									
CLUSTER GRANTS	11.020	ED230IE0G0117			\$ 25,276 \$	101,247	\$ 101,247	N/A	\$ -
STATE DIGITAL EQUITY PLANNING AND CAPACITY GRANT	11.032	_5250,2500117	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A	\$ 23,270 \$			N/A	\$ -

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
STATE DIGITAL EQUITY PLANNING AND CAPACITY GRANT	11.032	-	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A		\$ 16,509 \$	121,605	N/A	\$ -
STATE DIGITAL EQUITY PLANNING AND CAPACITY GRANT	11.032		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A		,, ,	121,605		\$ 270,848,033
BROADBAND EQUITY, ACCESS, AND DEPLOYMENT PROGRAM	11.035	500.4015050000	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A			. ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REGIONAL TECHNOLOGY AND INNOVATION HUBS ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.039	ED240IE0G0020 ED18DEN3030029						N/A N/A	\$ -
ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.303	ED23DEN0G0051						N/A	\$ -
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19 05-79-06062			:			ECONOMIC DEVELOPMENT CLUSTER	\$ 156,929
ECONOMIC ADJUSTMENT ASSISTANCE	11.307		GENERAL MILLS	N/A	;	, , , , ,	,	ECONOMIC DEVELOPMENT CLUSTER	\$ 156,929
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313	ED22HDQ3130107			:		,	N/A	\$ -
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS WEATHER AND AIR QUALITY RESEARCH	11.313	ED23HDQ3130004			:			N/A	\$ -
LINALLIED SCIENCE PROGRAM	11.459 11.472	NA200AR4590452 NA19NMF4720227						RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	70NANB23H177				-, +	-,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MANUFACTURING EXTENSION PARTNERSHIP	11.611		MISSOURI ENTERPRISE BUS ASSISTANCE	N/A		\$ 445,042 \$	445,042	N/A	\$ -
SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620	60NANB22D130			:	\$ 177,134 \$	227,069	N/A	\$ -
SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620	70NANB23H237			\$ 12,475				\$ 270,848,033
CENSUS BUREAU ASSIGNMENT AGREEMENT FOR SCOTT HOLAN 2021-	11.RD	0090-FY21-IPA-3151-001			:		,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
U.S. CENSUS BUREAU DISSERTATION FELLOWSHIP PROGRAM CENSUS BUREAU ASSIGNMENT AGREEMENT FOR SCOTT HOLAN 2023-	11.RD 11.RD	1333LB23P00000049 IPA 0090-FY23-IPA-17854-0				\$ 36,122 \$ \$ 122,283 \$			\$ 270,848,033 \$ 270,848,033
CENSUS BUREAU ASSIGNMENT AGREEMENT FOR SCOTT HULAN 2025	11.KD	IPA 0090-F123-IPA-17854-0			:	5 122,283 \$	250,586	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPARATIVE ASSESSMENT OF THE NWM CHANNEL ROUTING MODELS	11.RD		UNIVERSITY OF IOWA	NA22NWS4320003		\$ 21,308 \$	250,586	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Task Order S2020-128	11.U01	S2020-128	SYNOPTIC DATA PBC	S2020-128		\$ 118,759 \$		N/A	\$ -
TOTAL DEPARTMENT OF COMMERCE									
				-	\$ 37,751	\$ 2,779,727			
DEPARTMENT OF DEFENSE									
DEPARTMENT OF DEPENSE									
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	SP4800-22-2-2220			:	\$ 67,550 \$	857,975	N/A	\$ -
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	W56KGU2320051			:	\$ 655,101 \$	857,975	N/A	\$ -
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	W56KGU2420021			:	\$ 135,324 \$	857,975	N/A	\$ -
CONSERVATION AND REHABILITATION OF NATURAL RESOURCES ON									
MILITARY INSTALLATIONS BASIC AND APPLIED SCIENTIFIC RESEARCH	12.005 12.300	W912DQ-22-2-0002 W912DQ202001						RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00173-19-2-C900				\$ 88,096 \$	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2688			\$ 6.401			RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-21-1-2232				\$ 127,186 \$	3,062,056	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-22-1-2385			:	, , , , , , , ,			\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-23-1-2195			:	, +			\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	N00014-23-1-2576 N00014-23-C-1051						RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-23-C-1051 N00174-21-1-0008				,, ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	100174-21-1-0000	DUKE UNIVERSITY	313-1089				RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		GLOBAL ENGINEERING & MATERIALS, INC.	N6833523C0403				RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		TEXAS A&M UNIVERSITY	M2300864	;	\$ 30,814 \$	3,062,056	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)									
EDUCATION, OUTREACH AND WORKFORCE PROGRAM PEST MANAGEMENT AND VECTOR CONTROL RESEARCH	12.330 12.355	N00014-21-1-2710 W911SR2210004				\$ 290,215 \$ \$ 88.375 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HT94252310841			\$ 63,027			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210295			\$ 4,393			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210808			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, .,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HT94252310711			:	\$ 120,614 \$	2,249,511	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1910694			:	\$ 66,910 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420	W81XWH2010688			\$ 120.335	\$ 48,276 \$ \$ 348,146 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2110173 W81XWH-21-1-0526			\$ 120,335	\$ 348,146 \$ \$ 328.745 \$	-,,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210012				\$ 17,846 \$, .,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210016						RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210017			:	\$ 97,804 \$	2,249,511	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210491			:		, .,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		COLUMBIA UNIVERSITY	1(GG014473)				RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420		COLUMBIA UNIVERSITY	1(GG015772)		\$ 40,972 \$ \$ 128.828 \$, .,.	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		HENRY M JACKSON FOUNDATION FOR ADVANCEMENT UNIVERSITY OF IOWA	948200 S04241-01				RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF IOWA UNIVERSITY OF PITTSBURGH	S04241-01 CNVA00056666 (413614-22)				RESEARCH AND DEVELOPMENT	\$ 270,848,033
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		VIVACELLE BIO INC	SA UMKC2		, ,,,,,	, .,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120259				, , , , ,		N/A	\$ -
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120261			;	,, ,		N/A	\$ -
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120263			A	\$ 24,075 \$		N/A	\$ -
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431	FA9550-21-1-0226 22-2-0209			\$ 13,303 S \$ 18,166 S		-,,-	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431	22-2-0209 W911NF-18-1-0153			, 18,10b	\$ 312,784 \$ \$ (131) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1910283			\$ 653,481			RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2020134			,	\$ 38,336 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2020251				\$ 234,843 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2110072			\$ 84,493		-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120256			:	\$ 54,631 \$	5,568,917	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120260			\$, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120262		•				RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120266		•	-, ,			RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431	W911NF2120274 W911NF2120276			Ş	, +	-,,-	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120276 W911NF2120280			7	98.462 S		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220182			86,898		-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-22-2-0183		•	, 60,656	171.548 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220185				,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-22-2-0186				58,630 \$	5,568,917	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220187			\$	208,317 \$	5,568,917	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220188			\$	73,176 \$	5,568,917	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220200		:	\$ 40,358 \$,	0,000,00	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220202			\$	148,148 \$	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220208			\$	100,249 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2310143			\$	116,200 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-23-1-0401			Ş	, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2420093			Ş	, +	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-24-2-0093			5	131,287 \$	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120258 W911NF2120275			58.543	104,273 \$ 222.021 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431	W911NF-2120275 W911NF-22-2-0184			,	, +	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220216		•	,,,05 ;	88.484 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2110335			175,303	, . ,	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-23-1-0055		•	, 1,3,303 (RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SCIENTIFIC RESEARCH	12.431	***************************************	NORTHEASTERN UNIVERSITY	555100-78053	3			RESEARCH AND DEVELOPMENT	\$ 270.848.033
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	W911NF2220199			, \$	153,846 \$	384,619	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	W911NF2220206			Ş	82,379 \$	384,619	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.630		JUNIOR SCIENCE & HUMANITIES SYMPOSIUM	24-871-021	Ş	11,575 \$	384,619	N/A	\$ -
ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.630		RICE UNIVERSITY	X03040581	Ş	139,661 \$	384,619	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENGINEERING	12.630		TECH ENTREPRENEUR CTR INC T-REX	N/A	Ş	(2,842) \$	384,619	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PAST CONFLICT ACCOUNTING	12.740		FLORIDA STATE UNIVERSITY	R000003220	<u> </u>	77,543 \$	77,543	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA491324P0005			\$	50,000 \$	2,652,638	N/A	\$ -
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-19-1-0318		:	1,265,406			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-20-1-0279			\$	157,690 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-21-1-0399		:				RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0185			Ş	, 7	_,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0212				,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0406		;	\$ 12,396 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	FA9550-22-1-0445 FA9550-23-1-0260			,	206,027 \$ 59,449 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-23-1-0260	INVESTMENT CASTING INSTITUTE	AM-12	3	, - ,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		RESEARCH FOUNDATION OF CUNY	CM00011966-00	9	, +	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNANIMOUS AI	UMKC 00084047		12,622 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNANIMOUS AI	UMKC 00087128	3			RESEARCH AND DEVELOPMENT	\$ 270.848.033
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY OF CALIFORNIA DAVIS	A22-2414-S002		146,199 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
INFORMATION SECURITY GRANTS	12.902	H98230-20-1-0297				58,372 \$	58,372	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GENCYBER GRANTS PROGRAM	12.903	H98230-21- 1 -0141			\$	3,400 \$	156,688	N/A	\$ -
GENCYBER GRANTS PROGRAM	12.903	H98230-22- 1 -0184			\$	111,454 \$	156,688	N/A	\$ -
GENCYBER GRANTS PROGRAM	12.903	H98230-23-1-0125			\$,	N/A	\$ -
CYBERSECURITY CORE CURRICULUM	12.905	H98230-23-1-0238				58,988 \$. ,	N/A	\$ -
CYBERSECURITY CORE CURRICULUM	12.905	H98230-21-1-0260		:		. , ,	. ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	W911NF2110353	0.45 (1977)					RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910		BAE SYSTEMS TX A AND M ENGINEER EXPERIMENT STATION	1127031 M2400346	5	. , . ,	,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
REGIONAL PHASE BLOCKAGE AND LEFT CENSORED DATA IN THE MI	12.910 12.RD	RGFA9453-19-C-0067	IX A AND IN ENGINEER EXPERIMENT STATION	W1240U346	Ş	, ,	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPMENT AND EVALUATION OF NON-CHROMATE LHE ZNNI PASS	12.RD	W912HQ18C0065			,	65,405 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PULSED TACTICAL EFFECTOR FOR REGULATED ATTACK (PTERA)	12.RD	N00014-21-C-1049			302,073			RESEARCH AND DEVELOPMENT	\$ 270,848,033
VALIDATION OF A UV/TIO2 ACTIVATED ALKALINE MEDIA (CFM) F	12.RD	W912HQ21C0002			,			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ABIOTIC AND MICROBIOLOGICAL TRANSFORMATION OF AFFF-RELE	12.RD	W912HQ23P0050			, , , , , ,			RESEARCH AND DEVELOPMENT	\$ 270,848,033
LOW-TEMPERATURE CATALYTIC THERMAL TREATMENT FOR EFFECTI	12.RD	W912HQ23P0073				67,158 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOINT LEARNING THROUGH ACADEMIC PROGRAMS (GLAP)	12.RD	HM047620A0007						RESEARCH AND DEVELOPMENT	\$ 270,848,033
STATEFUL OBJECT FEATURE CLUSTERING AND TRACKING FOR MODU	12.RD	N0017321C2016			\$	103,932 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
THE MISSOURI DEFENSE MANUFACTURING CONSORTIUM	12.RD	HQ00052310077		!	306,742			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ONR SHORT PULSE RESEARCH, EVALUATION AND NON-SWAP DEMONS	12.RD	N00014-18-C-1017			\$	280,354 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXPLAINABLE ARTIFICIAL INTELLIGENCE AND ADVERSARIAL ALGO	12.RD	W912HZ19C0007			Ş	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EVALUATION OF STATE-OF-THE-ART MACHINE LEARNING MODELS A	12.RD	W912HZ19C0018			5	, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPMENT OF INNOVATIVE SOLUTIONS AND ENGINEERING ANAL BLAST RESISTANT CURTAIN WALL AND ANCHORAGE SYSTEM	12.RD	W912HZ219C001			Ş			RESEARCH AND DEVELOPMENT	\$ 270,848,033
COUNTERMEASURES BASED ON EXPLAINABLE ARTIFICIAL INTELLIG	12.RD 12.RD	W912HZ229C002 W912HZ22C0003			Ş			RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
COOK, ENVIENDING BASED ON EXPERIMABLE ANTIFICIAL INTELLIG	12.KD	W312U222CUUU3			*	1,411,921 \$	10,538,870	NESEARCH AND DEVELOPMENT	\$ 210,048,U33

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	ldentifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
reactal Awarding Agency/Program Trac	runnber	identification	Nume of Funder Fuss-Finough Enercy	runder russ-rinough Entity	Sub-Recipients	Expenditures	Total	Cluster Nume	Cluster rotur
EDGE-HIGH PERFORMANCE COMPUTING FOR MULTI-DOMAIN OPERATI	12.RD	W912HZ23C0041			\$ 90,757 \$	527,907	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPMENT OF 3D PRINTABLE FIBER-REINFORCED MATERIALS U	12.RD	W9132T22C0009			\$	149,280	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTIFICIAL INTELLIGENCE-BASED SMART TOOLBOX FOR 3D PRINT	12.RD	W9132T239C006			\$	426,185	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUMBERJACK HUNTER	12.RD	W519TC2392069			\$	504,877		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COLD SPRAY FOR RESEARCH AND DEVELOPMENT PHASE III	12.RD	K027-01	AMERICAN LIGHTWEIGHT MATERIALS MANUFACTURING INNOVATION INSTITUTE	K027-01	\$	75,876		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EFFECTIVE COMPACTION OF UAV LIDAR AND OTHER DATA TRANSMI	12.RD	FA864923P0350	ATOMBEAM TECHNOLOGIES INC	FA864923P0350	\$	5,340	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NEUROCOMPACTION: SAR IMAGE COMPRESSION FOR SIGNAL RECOVE	12.RD	NAN - 1272	ATOMBEAM TECHNOLOGIES INC	N/A	\$	109,371	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
WAVEFORM AGILE RADIOFREQUENCY (RF) DIRECTED TECHNOLOGY E	12.RD	1126810	BAE SYSTEMS	1126810	\$	335,450	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SMART - STANDARDS FOR METROLOGY AIDED ROBOT TECHNOLOGY	12.RD	2159950	BOEING CO.	2159950	\$	26,063	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IVAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	P000136750	CACI TECHNOLOGIES INC	P000136750	\$	243,382	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IVAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	P000182318	CACI TECHNOLOGIES INC	P000182318	\$	81,184	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STTR PHASE 2: FURTHERING CIRCULAR ECONOMY POTENTIAL OF W ACCELERATING HUMAN AUGMENTATION BY LEVERAGING COMSAT	12.RD	FA864921P1523_001	CARBONCYCLE, LLC	FA864921P1523_001	\$	27,567	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AND	12.RD	1990826-462826	CAREGIE MELLON UNIVERSITY	1990826-462826	\$	949,864	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EX SITU TREATMENT OF PFAS-IMPACTED SOILS AND SEDIMENTS	12.RD	402654-402663-7209	COLORADO SCHOOL OF MINES	402654-402663-7209	\$	63,825	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MIDWEST MICROELECTRONICS COLLECTIVE	12.RD	NAN - 1282	DEFENSEWERX	N/A	\$	7,356	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STTR: FIELD TESTING A NATURAL SOURCE OF RUBBER FROM SUNF	12.RD	EA2023-001	EDISON AGROSCIENCE, INC	EA2023-001	\$	163,222	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
WIRE DETECTION PROCESSING BY THE GROUND PENETRATING RADE	12.RD	8237390803	FIBERTEK, INC.	8237390803	\$	65,500	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BASIC SOLUTIONS FOR USE OF ULTRA-HIGH PERFORMANCE CONCRE	12.RD	000663	FLORIDA INTERNATIONAL UNIVERSITY	000663	ć	100,084	18.598.870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
THERMAL PROTECTION FOR HYPERSONIC VEHICLES	12.RD	PO 200-18-14Z08119	GENERAL ELECTRIC		\$ 224,827 \$	1,127,407		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AI/ML FOR A MODERN APPROACH TO STRUCTURAL ENGINEERING AN	12.RD	H2023-2024	HEDRAL INC	H2023-2024	Ś	20,127	18.598.870	RESEARCH AND DEVELOPMENT	\$ 270.848.033
COUNTERMINE DIVISION'S ELECTRO-OPTICAL AND INFRARED DET	12.RD	P000036775	HII MISSION TECHNOLOGIES CORP	P000036775	\$	272,365		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADDITIVE MANUFACTURING OF CERAMIC AND HIGH-TEMPERATURE U	12.RD	Subaward No. 00080696	IMPOSSIBLE OBJECTS INC	Subaward No. 00080696	Ś	19,915	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LIQUID PHASE SINTERING OF CERRING AND HIGH-TENIFERATURE O	12.RD	Prime Award W911NF2220088	INSTITUTE OF SCIENCE TECHNOLOGY & SUSTAINABILITY	Prime Award W911NF2220088	\$	20,361		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPING SENTINEL AI FOR BASE SURVEILLANCE AND SECURIT	12.RD	FA864923P0959	KII SAR INC	FA864923P0959	\$	20,301		RESEARCH AND DEVELOPMENT	\$ 270,848,033
UTILIZING SENTINEL AI FOR BASE SURVEILLANCE AND SECURITY	12.RD	UMKC24P0551	KILSAR INC	UMKC24P0551	\$	56,962	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPING AUTOMATED AIRCRAFT ASSET MANAGEMENT AND READI	12.RD	UMKCFX23E-TPCSO1	KII SAR INC	UMKCFX23E-TPCSO1	s	5.019	18.598.870	RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGH RESPONSIVITY OPTICAL GAN SWITCH	12.KD	UMKC-20220705	KYMA TECHNOLOGIES	UMKC-20220705	\$	110,680		RESEARCH AND DEVELOPMENT	\$ 270,848,033
LEIDOS IDIQ - ARL DEVCOM SPECIAL PROJECTS	12.RD	P010310704	LEIDOS INC	P010310704	\$	58.445		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COHERENT SEISMIC EVENT FEASIBILITY STUDY FOR TECHSPRINT-	12.RD	NAN - 1062	LIBERTY ALLIANCE	N/A	ŝ	(179)	.,,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ISR ROUNDS	12.RD	NAN - 1247	NANTRAK INDUSTRIES	N/A	\$	23,424		RESEARCH AND DEVELOPMENT	\$ 270,848,033
A COUPLED MULTI-PHASE/MULTI-SCALE HYBRID NUMERICAL AND E	12.RD	SPC-1000006712 GR128381	OHIO STATE UNIVERSITY	SPC-1000006712 - GR128381	\$	65,473		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCE AND ARTIFICIAL INTELLIGENCE APPLICATION GAIA	12.RD	SPC-1000012969 GR134765	OHIO STATE UNIVERSITY	SPC-1000012969 - GR134765	\$	80,748		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATURATION OF GROUND AIDED TARGET ACQUISITION (MOGATA) -	12.RD	0053476	PERATON LABS	0053476	\$	83,307		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENABLING DISTRIBUTED MACHINE LEARNING AT THE EDGE WITH T	12.RD	#2023-02-UMKC-GISMO	PRESCIENT EDGE	#2023-02-UMKC-GISMO	\$	39,502	.,,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR: PHASE II: ADDITIVE MANUFACTURING OF INORGANIC TRAN	12.RD	N6893621C0048	PRODUCT INNOVATION AND ENGR, LLC	N6893621C0048	\$	5,833		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR: PHASE II: ADDITIVE MANUFACTURING OF INORGANIC TRAN	12.RD	NAN - 768	PRODUCT INNOVATION AND ENGR, LLC	N/A	Ş	629	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STTR: PHASE II OPTION: INNOVATIVE PROCESSING TECHNIQUES ATLAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD 12.RD	SUB00081874-N6833520C0029 55938	PRODUCT INNOVATION AND ENGR, LLC OINETIO LTD	SUB00081874-N6833520C0029 55938	Ş	18,343 ; 6.166 ;	-,,-	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
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ATLAS FUSION: DATA/INFORMATION FUSION RESEARCH & DEVELOP	12.RD	56699	QINETIQ LTD	56699	\$	136,481		RESEARCH AND DEVELOPMENT	\$ 270,848,033
E2D-0010 - LOW COST, HIGH POWER, EPITAXY GROWN, OPENING	12.RD	HQ072723P0036	RADIATION DETECTION TECHNOLOGIES INC	HQ072723P0036	Ş	159,702	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
WAAM TECHNOLOGY DEVELOPMENT DEVELOPING GLOBAL INSAR SOLUTIONS FOR CHANGE DETECTION	12.RD 12.RD	MOD13-100308-02 SPC-1000012380 GR133547	SOLVUS GLOBAL ST LOUIS UNIVERSITY	MOD13-100308-02 SPC-1000012380 GR133547	\$	64,249 ; 71.889 ;	.,,.	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
					,	,	.,,		, ,,
HIGH TEMPERATURE OPTICAL FIBER INTERFEROMETER MOLD GAP M OPTICAL FIBER EAF REFRACTORY LINING TEMPERATURE MONITORI	12.RD 12.RD	SPI016 STAR7/CLIN 0001	STEEL FOUNDERS' SOCIETY OF AMERICA STEEL FOUNDERS' SOCIETY OF AMERICA	SPI016 STAR7/CLIN 0001	\$ \$	86,664 175,728		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
EXAMINING TRANSFORMATION TEMPERATURES IN MARTENSITIC STA	12.RD	STAR-MST-1	STEEL FOUNDERS' SOCIETY OF AMERICA	STAR-MST-1	\$	3,643	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FORECASTING FUTURE TECHNOLOGICAL THREATS AND OPPORTUNITI	12.RD	FA8649-22-P-0767	TECHNEXT INC	FA8649-22-P-0767	Ś	10,451	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR: N82-100: DATA ANALYTICS FOR NAVY AIRCRAFT COMPON	12.RD	2119-001-01	TECHNICAL DATA ANALYSIS INC	2119-001-01	\$	25,448		RESEARCH AND DEVELOPMENT	\$ 270,848,033
QUANTIFICATION OF MARGINS AND UNCERTAINTIES IN COMPUTATI	12.RD	M2202904	TEXAS A&M UNIVERSITY	M2202904	\$ 207.033 \$	395,594	18.598.870	RESEARCH AND DEVELOPMENT	\$ 270.848.033
SBIR-PHASE II: NONDESTRUCTIVE EVALUATION OF COMPOSITE S	12.RD	A-30173G-500-01-SC1977	TEXAS RESEARCH INSTITUTE AT AUSTIN	A-30173G-500-01-SC1977	پ کو <i>رر</i> رن ک	57,396 S	.,,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR:GRAPHENE AND HELIX SHAPED STEEL FIBER DOSED CONCRET	12.RD	F-30218G-500-02-SC2059	TEXAS RESEARCH INSTITUTE AT AUSTIN	F-30218G-500-02-SC2059	, \$	12.954		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR: HIGH TEMPERATURE OSCILLATING HEAT PIPES (OHPS)	12.RD	MU-TAT-232D	THERMAVANT TECHNOLOGIES, LLC	MU-TAT-232D	ŝ	369,628		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DNA-ENABLED BIOBATTERY – SEEKING TO ADDRESS THE LIMITATI	12.RD	NAN - 1180	TOUCHLIGHT	NAN - 1180	\$	46,930		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SURFACE MORPHING AND ADAPTIVE STRUCTURE FOR HYPERSONICS	12.RD	S-200-330-001	UES	S-200-330-001	\$	70,216	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DATA SWARM, AN A.I-BASED ACCURACY AMPLIFICATION SYSTEM F	12.RD	FA864923P0946	UNANIMOUS AI	FA864923P0946	\$	22,432	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ANALYSIS CAPABILITIES FOR COMPETITION, CRISIS, AND COMBA	12.RD	R-24-0154	UNIVERSITY OF HOUSTON	R-24-0154	\$	72,967		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOAUGMENTED PHYTOREMEDIATION TO TREAT 1,4-DIOXANE CONTA	12.RD 12.RD	\$03061-01	UNIVERSITY OF IOWA	\$03061-01	\$	34,728		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
RISC NGA AY24: DATA AUGMENTATION OF OVERHEAD SATELLITE I	12.KD	129171-Z9166301	UNIVERSITY OF MARYLAND	129171-Z9166301	\$	27,029	18,598,870	RESEARCH AND DEVELOPMENT	\$ 27U,848,U33

Column C	Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	ldentifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
Part	MODEL-FREE ADAPTIVE CONTROL (MFAC) FOR AUTONOMOUS AND RE	12.RD	#A21-0162-S001	UNIVERSITY OF TENNESSEE	#A21-0162-S001	\$	128,294 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Marches Marc	QUANTITATIVE ASSESSMENT AND DYNAMIC ADVANCEMENT OF THE H	12.RD	A23-0746	UNIVERSITY OF TENNESSEE	A23-0746	\$	22,362 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Mile	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF DIRECTED ENE	12.RD	M200290 / 2021GC0441	UNIVERSITY OF TEXAS ARLINGTON	M200290 / 2021GC0441	\$	186,748 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Communication	EXPLORING THE FEASIBILITY OF UNIVERSITY-CLASS CISLUNAR C	12.RD	CP0079036	UTAH STATE UNIVERSITY	CP0079036	\$	28,372 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
March 1989 Mar	RECRUITING OPTIMIZATION AND ANALYSIS DASHBOARD (ROAD)	12.RD	FA864922P0733 P00001	VIA SCIENCE	FA864922P0733 P00001	\$	22,422 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
March Marc	ULTRASMALL PSMA-TARGETED PARTICLE RADIOTHERAPY	12.RD	233806-1	WEILL CORNELL MEDICINE	233806-1	\$	30,158 \$	18,598,870	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Part		12.U01	FA491324A0001			\$	34,789 \$	34,789	N/A	\$ -
Part						\$				\$ -
Page		12.U03	N/A		<u>.</u>			929	N/A	\$ -
Part	CENTRAL INTELLIGENCE AGENCY									
Part	DISTORTION CHARACTERISTICS OF MONOPHASIC PHILSE - PHASE 2	12 PD	N/A	DEEENSEWERY	N/A	ć	250 214 6	242 661	RESEARCH AND DEVELOPMENT	¢ 270 949 022
Part	DETERMINE THE ACTUAL DISTORTION CHARACTERISTICS OF THE M					\$	(7,653) \$			
1	DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT									
1										
PRINTED FORT OF INTERIOR 1.506 1			MOLTS0019-20	TEXAS SOUTHERN UNIVERSITY		\$ \$ 25,746 \$				
WATE DELINATION RESIDENCE MINISTER AND EVELOPMENT \$ 15.00 \$ 1.00	TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT				9	\$ 25.746 \$	114.522			
### MINISTRA PROTON MESSAAR MATERIAL PARTS AND TOURS AND PROTON AND PROTON AND PROTON AND AND AND AND AND AND AND AND AND PROTON AND AND AND AND AND AND AND AND AND AN	DEPARTMENT OF THE INTERIOR				_					
### MINISTRA PROTON MESSAAR MATERIAL PARTS AND TOURS AND PROTON AND PROTON AND PROTON AND AND AND AND AND AND AND AND AND PROTON AND AND AND AND AND AND AND AND AND AN	WATER RECALLINATION RESERVED AND RELIEF CONTENT									
MIGUIR RESTORATION AND BASIC HUNTER EDUCATION AND SAFETY COOPERATE ROUGH RESTORATION AND SAFETY COOPERATE ROUGH RESTORATION AND SAFETY COOPERATE ROUGH RESTORATION AND SAFETY RESPONSIBLE AND SAFETY RESPONSIB			R21AC10073-00	GEORGE MASON UNIVERSITY	E2065062					,,
COOPERATIVE ENAMERIED SPICES COMERATION INDIO 5.615 5.75,000 MESAMON AND DEVILOPMENT 5.708,400 5.708,4	WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION AND SAFETY	15.611		KANSAS WILDLIFE, PARKS AND TOURISM	W-119-R-1	\$	113,005 \$	128,505	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE ENAMERIED SPICES COMERATION INDIO 5.615 5.75,000 MESAMON AND DEVILOPMENT 5.708,400 5.708,4	WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION AND SAFETY	15.611		TEXAS PARKS & WILDLIFE DEPARTMENT	CA-0000800	Ś	15.500 S	128.505	RESEARCH AND DEVELOPMENT	\$ 270.848.033
STATE WINDING GRANTS 15.644 ABUNDANS CAME AND FRIBING 14.672 1.088 1.088 ABUNDANS CAME AND FRIBING 1.088 1.088 ABUNDANS CAME AND FRIBING 1.088 1.088 ABUNDANS CAME AND PRIVATE 1.088				MISSOURI DEPARTMENT OF CONSERVATION		\$				\$ 270,848,033
STATE PROPERTY NET PROPERTY NE	COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND	15.615		MISSOURI DEPARTMENT OF CONSERVATION	5761	\$	72,426 \$	75,966	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATM ECONSTITM STUDIES UNITS 1,549 72,001,201 72,003,80,031 73,001,202 72,003,80,031 73,001,203 73,000,203 73,00	STATE WILDLIFE GRANTS	15.634		ARKANSAS GAME AND FISHING	N/A	\$	69,313 \$	110,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL FISH HAMIT FAMILITE SHAPE \$ 2,0557 \$ 2,0557 \$ 2,0558 \$ 2,0				MISSOURI DEPARTMENT OF CONSERVATION	6395	\$				\$ 270,848,033
ASSTANCE TO STATE WATER RESOURCE RESEARCH INSTITUTES 1.8.05 G1.04P10032 5										
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES 1.5 8.05 G12AP00036 1.5 9.00 \$ 2,03.35 RESEARCH AND DEVLOPMENT 5.70,084,013 ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES 1.5 8.05 G21AP10052						\$,,
ASSISTANCE TO STATE WATER RESOURCES RESIARCH INSTITUTES 15.05 C214-010322 C24400001-50 C314-010322 C3440001-50 C314-010322 C31						\$				
ASSIGNACE TO STATE WATER RESOURCES RESEARCH NETTITUTES 15.805 G24AP00015-00 5 209.355 GESARCH AND ONLY COMMENT STATE WATER RESOURCES RESEARCH NETTITUTES 15.805 G24AP00016-00 5 1.809.05 G24AP00016-						\$				
ASSITANCE TO STATE WATER RESOURCES RESEARCH NISTTUTES 15.005 CALAPOGOLO CALABODIS OD CALAPOGOLO CALABODIS OD						\$,	,		,,
ASSITANCE TO STATE WATER RESOURCES RESEARCH NENTITUTES 15.807 GZARPOOLG 6.00 EARTHQUAKE RALADBE RORGAMA PASSITANCE 15.807 GZARPOOLG 6.00 S. GELOGICAL SURVEY RESEARCH AND DATA COLLECTION 15.808 GZARCH CAND DEVELOPMENT 5.703-88,033 U. S. GELOGICAL SURVEY RESEARCH AND DATA COLLECTION 15.808 GZARCH CAND DATA COLLECTION 15.808 GZAR					:	\$ 11,693 \$, +			
EARTHOUAKE HAZARIOS PROGRAM ASSISTANCE 15.807 G22APO0M6 5 28,548 5 28						\$,,
LIS GEOLOGICA SURVEY RESEARCH AND DATA COLLECTION 15.088 G714C10446 15.0910674 15.091067						\$				
U.S. GEOLOGICAL SURVEY RESARCH AND DATA COLLECTION 15.808 G21ACC00275-00 5 8.05,858 RESARCH AND DEVELOPMENT 5 270.886,033 U.S. GEOLOGICAL SURVEY RESARCH AND DATA COLLECTION 15.808 G23ACC00376-00 5 45,293 5 8.65,858 RESARCH AND DEVELOPMENT 5 270.886,033 U.S. GEOLOGICAL SURVEY RESARCH AND DATA COLLECTION 15.808 G23ACC00376-00 5 46,293 5 8.65,858 RESARCH AND DEVELOPMENT 5 270.886,033 U.S. GEOLOGICAL SURVEY RESARCH AND DATA COLLECTION 15.808 G23ACC00376-00 5 8.05,858 RESARCH AND DEVELOPMENT 5 270.886,033 U.S. GEOLOGICAL SURVEY RESARCH AND DATA COLLECTION 15.808 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 809 G23ACC00376-00 5 8.05,858 RESARCH AND DATA COLLECTION 5 80,858 RESARCH AND DEVELOPMENT 5 80,868,83 RESARCH AND DEVELOPMENT 5 80,86							, +	,		+ =,,
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COOPERATIVE RESEARCH UNITS 15.812 G21AC10195 \$ 46,342 \$ 391,443 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 G21AC10242 \$ 84,977 \$ 391,443 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 G21AC10342 \$ 84,977 \$ 391,443 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS \$ 23,546 \$ 391,43 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS \$ 23,546 \$ 391,43 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS \$ 23,546 \$ 391,43 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS \$ 15.812 G21AC10371-00 \$ 270,848,033 RESEARCH AND DEVELOPMENT \$ 270,848,033 RESEARCH AND DEVE										
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COOPERATIVE RESEARCH UNITS 15.812 G21AC10342 \$ 48,977 \$ 391,443 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 G21AC10371-00 \$ 270,848,033 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 G21AC10371-00 \$ 270,848,033 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 G21AC10371-00 \$ 270,848,033 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 UNIVERSITY OF MASSACHUSETTS 22-016566-A-00 \$ 4.430 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 COOPERATIVE RESEARCH UNITS 1						,				,,
COOPERATIVE RESEARCH UNITS 15.812 G21AC10371-00 \$ 270,848,033 COOPERATIVE RESEARCH UNITS 15.812 G22AC00449-00 \$ 223,0782-01 \$ 391,443 RESEARCH AND DEVELOPMENT \$ 270,848,033 R										
COOPERATIVE RESEARCH UNITS 15.812 G22AC00449-00 \$ 76,415 \$ 391,443 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 NORTH CAROLINA STATE UNIVERSITY 2023-0782-01 \$ 50,263 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-4-00 \$ 4,30 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-4-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033							-,- ,	, .		,,
NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 NORTH CAROLINA STATE UNIVERSITY 2023-0782-01 \$ 50,263 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033 NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 15.820 UNIVERSITY OF MASSACHUSETTS 15.820 UNIVERSITY OF MASSACHUSETTS 15.820 UNIVERSITY OF MAS							-, ,	, .		,,
NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS 15.820 UNIVERSITY OF MASSACHUSETTS 22-016566-A-01 \$ 103,112 \$ 157,805 RESEARCH AND DEVELOPMENT \$ 270,848,033				NORTH CAROLINA STATE UNIVERSITY	2023-0782-01					,,
	NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS	15.820		UNIVERSITY OF MASSACHUSETTS	22-016566-A-00	\$	4,430 \$	157,805	RESEARCH AND DEVELOPMENT	\$ 270,848,033
			P20AP00271	UNIVERSITY OF MASSACHUSETTS	22-016566-A-01	<i>\$</i> \$				

Endard Assauling Assaul/Browns Title	Federal Assistance Number	Additional Award Identification	Name of Funder Date Through Entitle	Identifying Number Assigned by	Total A Provid Sub-Re		Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
Federal Awarding Agency/Program Title NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P22AP00858	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Jub-ne		49.636		N/A	\$ -
NATIVE AMERICAN GRAVES PROTECTION AND REPAIRIATION ACT						\$.,		N/A N/A	\$ ·
	15.922	P23AP01770-00				>	15,937	\$ 68,017	N/A	\$ -
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945	P21AC11858				\$	8,655	\$ 109.627	RESEARCH AND DEVELOPMENT	\$ 270.848.033
	15.945	P21AC11858				>	8,655	\$ 109,627	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE										
NATIONAL PARK SYSTEM	15.945	P22AC01971				\$	88,269	\$ 109,627	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE										
NATIONAL PARK SYSTEM	15.945	P23AC01265				\$	10,701	\$ 109,627	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE										
NATIONAL PARK SYSTEM	15.945	P23AC02048-00				\$	2,002	\$ 109,627	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL PARK SERVICE CONSERVATION, PROTECTION, OUTREACH,										
AND EDUCATION	15.954		NATIONAL WRITING PROJECT CORP	92-MO01-NPS2023		\$	3,500		N/A	\$ -
NATIONAL ATMOSPHERIC DEPOSITION PROGRAM	15.RD	140G0121P0102				\$	188	\$ 188	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL DEPARTMENT OF THE INTERIOR										
					\$	11,693 \$	1,818,330			
DEPARTMENT OF JUSTICE										
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL										
ASSAULT, AND STALKING ON CAMPUS	16.525	15JOVW-22-GG-03159-CAMP				Ś	113,091	\$ 113.091	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND						•	,	,		+,,
DEVELOPMENT PROJECT GRANTS	16.560	GIQ GOJPNIJ22000052				Ś	44,999	\$ 79,297	RESEARCH AND DEVELOPMENT	\$ 270.848.033
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND						•	,===			+,,
DEVELOPMENT PROJECT GRANTS	16.560		UNIVERSITY OF VIRGINIA	AWD-004383.GR101260		Ś	32,328	\$ 79,297	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND	10.500		OHIVE STATE OF VINGINA	7.112 00-303.0.121200		,	32,320	5,251	MCITALD DEVELOT WEINT	- 270,040,033
DEVELOPMENT PROJECT GRANTS	16.560		UNIVERSITY OF VIRGINIA	GG12359.PO #2354136		Ś	1,970	\$ 79,297	RESEARCH AND DEVELOPMENT	\$ 270.848.033
CRIME VICTIM ASSISTANCE	16.575		MISSOURI DEPARTMENT OF SOCIAL SERVICES	ER130220051		Ś	339,410		N/A	\$ 270,040,055
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582	15POVC-23-GG-01546-NONF	MISSOUR BETTINNENT OF SOUNCESENTICES	2.1130220031		Š	32,783		N/A	\$ -
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582	2020-VO-GX-0167			Ś	41.134 \$			N/A	\$ -
IMPROVING THE INVESTIGATION AND PROSECUTION OF CHILD ABUSE AND	10.302	2020-40-02-0107			,	41,134 9	33,433	3 32,276	14/6	,
THE REGIONAL AND LOCAL CHILDREN'S ADVOCACY CENTERS	16.758	15PJDP-21-GK-02821-CATX			\$	54,989 \$	308,316	\$ 309,240	N/A	\$ -
IMPROVING THE INVESTIGATION AND PROSECUTION OF CHILD ABUSE										
AND THE REGIONAL AND LOCAL CHILDREN'S ADVOCACY CENTERS	16.758		WASHINGTON UNIVERSITY	WU-24-0455		\$	924		N/A	\$ -
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	YM22708212		\$	(4,780)		N/A	ş -
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	AOC23708140		\$,	, , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	AOC24380012		\$	79,634	, , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	AOC24380013		Ş	55,288		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	AOC24380028		Ş	41,303		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817		BEYOND HOUSING	N/A		,	8,132		RESEARCH AND DEVELOPMENT	\$ 270,848,033
POSTCONVICTION TESTING OF DNA EVIDENCE	16.820	15PBJA-21-GG-03392-POST			\$	179,548 \$			N/A	\$ -
JUSTICE REINVESTMENT INITIATIVE	16.827		KANSAS CITY MUNICIPAL COURT	EV2898-1		\$	97,353	\$ 97,353	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPREHENSIVE OPIOID, STIMULANT, AND OTHER SUBSTANCES USE										
PROGRAM	16.838		TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES	2019-AR-BX-K055-UMKC		\$	44,032	\$ 60,519	N/A	ş -
COMPREHENSIVE OPIOID, STIMULANT, AND OTHER SUBSTANCES USE										
PROGRAM	16.838		TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES	N/A		\$	8,888	\$ 60,519	N/A	\$ -
COMPREHENSIVE OPIOID, STIMULANT, AND OTHER SUBSTANCES USE										
PROGRAM	16.838		TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES	N/A		\$	7,599		RESEARCH AND DEVELOPMENT	\$ 270,848,033
STOP SCHOOL VIOLENCE	16.839	15PBJA-22-GG-04702-STOP			\$	257,500 \$	578,708		RESEARCH AND DEVELOPMENT	\$ 270,848,033
STOP SCHOOL VIOLENCE	16.839	15PBJA-23-GG-04385-STOP				\$	15,338		RESEARCH AND DEVELOPMENT	\$ 270,848,033
UMKC MIP INNOCENCE CLINIC	16.U01	2020-DY-BX-0007			\$	24,850 \$	24,850	\$ 24,850	N/A	\$ -
TOTAL DEPARTMENT OF JUSTICE										
					\$	558,021 \$	2,124,256			
DEPARTMENT OF LABOR										
UNEMPLOYMENT INSURANCE	17.225		MISSOURI DEPARTMENT OF LABOR INDUSTRIAL RELATIONS	N/A	\$	21,945 \$,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REGISTERED APPRENTICESHIP	17.285		MADISON COUNTY IL	2023-UMSL-001		\$	129,384	\$ 129,384	N/A	\$ -
TOTAL DEPARTMENT OF LABOR										
					\$	21,945 \$	509,935			
DEPARTMENT OF STATE										
INTERNATIONAL PROGRAMS TO COMBAT HUMAN TRAFFICKING	19.019		WASHINGTON UNIVERSITY	WU-23-0218	\$	6,941 \$	65,038	\$ 65,038	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021		IREX	FY23-HEP-UM-01		\$			N/A	\$ -
PUBLIC DIPLOMACY PROGRAMS	19.040		PARTNERS OF THE AMERICAS	100K-DOS261		\$			N/A	\$ -
PUBLIC DIPLOMACY PROGRAMS FOR AFGHANISTAN AND PAKISTAN	19.501		INSTITUTE FOR INTERNATIONAL EDUCATION	S-AF200-21-GR-3011		\$	7,217	\$ 7,217	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL DEPARTMENT OF STATE										
					\$	6,941 \$	157,903			
DEPARTMENT OF TRANSPORTATION										
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST Amend 23			\$	75 \$	6,024	\$ 2,227,976	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-014			\$	7,294 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-019			\$	748 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-020				\$	5,018	\$ 2,227,976	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-033				\$ 10,80		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-30			\$ 1,865,41	, , , , , ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		IOWA STATE UNIVERSITY	021231B		\$ 2,99	, , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		PURDUE UNIVERSITY		\$ 1,26			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		ST CHARLES COUNTY GOVERNMENT	,	\$ 9,90			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD		\$ 4,86		, , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD	HR 20-05(54-13)		\$ 24,39 \$ 24.71		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD	HR 20-05(55-10) HR 20-05(55-13)	\$ 1.51	7		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD	HR 20-05(55-13) HR 24-51	\$ 1,51	\$ 55,63		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL			\$ 55,63		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.200	TR202418	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5126016		\$ 217.53		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205	TR202410	ALASKA DEPARTMENT OF TRANSPORTATION	25243001		\$ 61.39		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MICHIGAN STATE UNIVERSITY	RC113730-UM		\$ 11,98		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MICHIGAN STATE UNIVERSITY	RC115105 - UM		\$ 18.17		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	S079101C		\$ 11.64		N/A	\$ 270,040,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	2023-06-79709		\$ 451.91		RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201910		\$ 106,54	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR2020 04		\$ 56.52		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION		\$ 108,48			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202013	,	\$ 35.74		RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202020		\$ 10,37	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202107		\$ 150.04		RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202109	\$ 25,00) \$ 163.40	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202118		\$ 111,26	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270.848.033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202119a) \$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202122	\$ 15,31			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202123		\$ 139,00	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202201		\$ (15) \$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202203	\$ 34,67	\$ 113,80	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202205	\$ 22,00	\$ 74,94	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202206		\$ 75,42	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202207	\$ 13,78	\$ 34,74	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202212		\$ 149,74	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202213	\$ 19,07	\$ 89,39	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202303		\$ 12,56	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202306		\$ 309,11	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202309		\$ 184,34	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202311	\$ 19,32	\$ 118,79	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202316		\$ 105,74	\$ 3,970,536	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202319		\$ 37,22		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202320		\$ 170,21	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202322		\$ 87,10	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202323		\$ 68,33		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202324		\$ 133,44		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202401		\$ 100,39	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION		\$ 26,25			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202406		\$ 8,24	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION		\$ 5,48			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION		\$ 8,25			RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202417		\$ 19,29	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY PLANNING AND CONSTRUCTION	20.205		VIRGINIA TRANSPORTATION RESEARCH COUNCIL	124813		\$ 8,75	, ,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY SAFETY RESEARCH FELLOWSHIPS	20.208		MISSOURI DEPARTMENT OF TRANSPORTATION	S075701C			(45)	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGHWAY TRAINING AND EDUCATION	20.215	693JJ32450005	0.100.15.1444.500.77.	500007000000		\$ 4,74		N/A	\$ -
MOTOR CARRIER SAFETY	20.217		PURDUE UNIVERSITY	F0003792902023		\$ 4,78	\$ 4,781	RESEARCH AND DEVELOPMENT	\$ 270,848,033
METROPOLITAN TRANSPORTATION PLANNING AND STATE AND NON-	20.505		(/***C**C****/*************************	WALTE AND DOOR OF	4 40 70	\$ 116.63		05551000 1100 05051001515	\$ 270.848.033
METROPOLITAN PLANNING AND RESEARCH STATE AND COMMUNITY HIGHWAY SAFETY	20.505		KANSAS CITY AREA TRANSPORT AUTHORITY MISSOURI DEPARTMENT OF TRANSPORTATION		\$ 18,79		, ,,,,,	RESEARCH AND DEVELOPMENT	, ,, ,, ,, ,,
					\$ 14,98			HIGHWAY SAFETY CLUSTER HIGHWAY SAFETY CLUSTER	\$ 625,123 \$ 625,123
STATE AND COMMUNITY HIGHWAY SAFETY STATE AND COMMUNITY HIGHWAY SAFETY	20.600 20.600		MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	23-DE-02-002 23-RS-11-001		\$ 11,96 \$ 14.67		HIGHWAY SAFETY CLUSTER HIGHWAY SAFETY CLUSTER	\$ 625,123 \$ 625.123
STATE AND COMMUNITY HIGHWAY SAFETY			MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION			\$ 14,67		HIGHWAY SAFETY CLUSTER HIGHWAY SAFETY CLUSTER	, , .
STATE AND COMMUNITY HIGHWAY SAFETY STATE AND COMMUNITY HIGHWAY SAFETY	20.600 20.600		MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	24-CP-09-016 24-DE-02-002				HIGHWAY SAFETY CLUSTER HIGHWAY SAFETY CLUSTER	\$ 625,123 \$ 625,123
STATE AND COMMUNITY HIGHWAY SAFETY STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	24-DE-02-002 24-DE-02-003		\$ 63,35 \$ 28,57		HIGHWAY SAFETY CLUSTER	\$ 625,123 \$ 625.123
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	24-DE-02-003 23-M5TR-03-003		\$ 28,57		RESEARCH AND DEVELOPMENT	\$ 270.848.033
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		MISSOURI DEPARTMENT OF TRANSPORTATION	24-M5TR-03-007		\$ 227,45		RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	69A3551747126			\$ 396.48			RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	69A3551747126 69A3552348335			\$ 396,48 \$ 346.67			RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	03,13332340333	UNIVERSITY OF NEBRASKA LINCOLN	25-1121-0005-130	- 340,07	\$ 136,19	, , ,, ,	N/A	\$ -
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN	25-1121-0005-130		\$ 329.08		RESEARCH AND DEVELOPMENT	\$ 270.848.033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN	25-1121-0003-130		\$ 67.39	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN	25-1121-3002-103		\$ 327,78	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN UNIVERSITY OF TEXAS ARLINGTON	2022GC2889		\$ 229.88		RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		WASHINGTON STATE UNIVERSITY	135461 G004210		\$ (1,31	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		WASHINGTON STATE UNIVERSITY	135461 SPC002095		\$ 463,08		RESEARCH AND DEVELOPMENT	\$ 270,848,033
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		WASHINGTON STATE UNIVERSITY	135461 SPC0022095		\$ 62,49		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EVALUATION OF LRFD GEOTECHNICAL LIMIT STATES FOR STRUCT	20.RD	TAO22052-JEL-001 22-052	DAN BROWN AND ASSOCIATES	TAO22052-JEL-001 - 22-052		\$ 23,26		RESEARCH AND DEVELOPMENT	\$ 270,848,033
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Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Pro	al Amount ovided to Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
CRACKING RESISTANCE OF ALASKAN ASPHALT WITH RAP MATERIAL	20.RD	UA22-0166_PO#PO561139	UNIVERSITY OF ALASKA	UA22-0166_PO#PO561139		\$	32,606 \$	94,331	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TIMELY AND UNIFORM APPLICATION OF CURING MATERIALS	20.RD	N/A	WISCONSIN DEPARTMENT OF TRANSPORTATION	N/A	Ś	23,237 \$	38.465 \$	94,331	RESEARCH AND DEVELOPMENT	\$ 270.848.033
FISCAL YEAR 2023 NATIONAL SUMMER TRANSPORTATION INSTITUT	20.U01	N/A	MISSOURI DEPARTMENT OF TRANSPORTATION	N/A	*	\$	4,665 \$	4,665	N/A	\$ -
ITAP SAFFTY CIRCUIT RIDER 2023	20.1102	ST0011	MISSOURI DEPARTMENT OF TRANSPORTATION	ST0011		Ś	26,899 \$	26.899	N/A	\$ -
REGIONAL ITS DATA SHARING INITIATIVE – PHASE 1	20.U03	7302(680)	ST. CHARLES COUNTY GOVERNMENT	7302(680)	Ś	58,961 \$	167,088 \$	167,088	N/A	š -
TOTAL DEPARTMENT OF TRANSPORTATION	20.005	7502(000)	37. CHARLES COOM FOOTENMENT	7502(000)	,	50,501 \$	107,000 9	107,000	14/11	~
					\$	3,047,852 \$	11,890,306			
DEPARTMENT OF TREASURY										
TAX COUNSELING FOR THE ELDERLY	21.006	23TCFP0007				Ś	6.560 \$	9.697	N/A	Ś -
TAX COUNSELING FOR THE ELDERLY	21.006	24TCEP0022				s s	3,137 \$	-,	N/A N/A	\$ - \$ -
LOW INCOME TAXPAYER CLINICS						\$,	\$ - \$ -
LOW INCOME TAXPAYER CLINICS	21.008 21.008	19-LITC0413-01-00 23-LITC0568-02-00				\$	(328) \$ 41,475 \$	87,307 87,307	N/A N/A	\$ -
LOW INCOME TAXPATER CLINICS	21.008	24-LITC0568-02-00				s s	46,160 \$	87,307	N/A N/A	\$ -
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT	21.006	24-1110308-03-00				,	40,100 3	67,307	N/A	, .
PROGRAM	21.009	22VITA0273			Ś	6,152 \$	8,182 \$	151,949	N/A	\$ -
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT	21.009	22VITAU2/3			Þ	0,152 \$	8,182 \$	151,949	N/A	> -
PROGRAM	21.009	23VITA0193				\$	21,941 \$	151,949	N/A	\$ -
	21.009	23VIIA0193				,	21,541 3	131,343	N/A	, .
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009	24VITA0088				Ś	107.004 6	151.040	N/A	\$ -
	21.009	24V11A0088				>	107,684 \$	151,949	N/A	\$ -
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009		GATEWAY EITC COMMUNITY COALITION	N/A		Ś	(58) \$	151,949	N/A	\$ -
	21.009		GATEWAY ETIC COMMUNITY COALITION	N/A		,	(58) \$	151,949	N/A	> -
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009		GATEWAY FITC COMMUNITY COALITION	N/A		s	14.200 S	151.949	N/A	s -
EMERGENCY RENTAL ASSISTANCE PROGRAM	21.009		MISSOURI HOUSING DEVELOPMENT COMMISSION	N/A HS23-1015		*	14,200 \$ 151,365 \$,	N/A N/A	\$ -
EWERGENCT RENTAL ASSISTANCE PROGRAW	21.023		MISSOURI HOUSING DEVELOPMENT COMMISSION	HS23-1015		\$	151,365 \$	151,365	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	CHILDRENS TRUST FUND	N/A		\$	35,462 \$	134,031,204	RESEARCH AND DEVELOPMENT	\$ 270.848.033
COVID-13 - CONONAVINOS STATE AND LOCAL FISCAL RECOVERT FONDS	21.027	COVID-19	CHILDRENS TROST FUND	N/A		,	33,402 3	134,031,204	RESEARCH AND DEVELOPMENT	\$ 270,040,033
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	JACKSON COUNTY MISSOURI	Ordinance No. 5746	Ś	129,707 \$	2,248,371 \$	134,031,204	N/A	ė .
COVID-13 - CONONAVINOS STATE AND EUCAETISCAE NECOVERT FONDS	21.027	COVID-13	JACKSON COON T MISSOUN	Gramance No. 3740	,	123,707 3	2,240,371 3	134,031,204	N/A	,
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT ECONOMIC DEVELOPMENT	33041812		Ś	213.113 S	134.031.204	N/A	\$ -
	21.027	20112 13	MISSON BETTINNEN ECONOMIC BETECH MEN	33041012		,	213,113 9	154,051,204	14/11	~
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.216		\$	7,209,947 \$	134,031,204	N/A	\$ -
						*	.,, +	,,	-4	*
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.815		\$	89,600,880 \$	134,031,204	N/A	\$ -
									,	
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.820		\$	8,356,768 \$	134,031,204	N/A	\$ -
									,	
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.825		\$	4,819,337 \$	134,031,204	N/A	\$ -
						*	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	-4	*
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.830		\$	19,905,791 \$	134,031,204	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.847		\$	1,249,549 \$	134,031,204	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	N/A		Ś	231.458 Ś	134.031.204	N/A	Ś -
				,					,	
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	SLFRP4542		\$	57,454 \$	134,031,204	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF PUBLIC SAFETY	SLFRP4542-EMSPG136		\$	20,000 \$	134,031,204	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF PUBLIC SAFETY	SLFRP4542-UOFTG001		\$	24,611 \$	134,031,204	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI STATE UNIVERSITY	NA		\$	17,116 \$	134,031,204	N/A	\$ -
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	NORTH CAROLINA STATE UNIVERSITY	PAM-P23-000753-SA02		\$	41,347 \$	134,031,204	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL DEPARTMENT OF TREASURY										
					\$	135,859 \$	134,431,522			
OFFICE OF MERIT SYSTEMS OVERSIGHT AND EFFECTIVENESS OFFICE OF										
PERSONNEL MANAGEMENT										
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011	12IPA				\$	8,781 \$	8,781	N/A	\$ -
TOTAL OFFICE OF MERIT SYSTEMS OVERSIGHT AND EFFECTIVENESS										
OFFICE OF PERSONNEL MANAGEMENT						\$	8,781			
NATIONAL AERONAUTICS & SPACE ADMINISTRATION										
COURT OF	10.001	001100001110000						4 000 4	PERSONAL THE PERSON OF	4 272 242 25
SCIENCE	43.001	80NSSC24K0338				\$	4,186 \$	1,802,193	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC21K0596			\$	441,350 \$	961,331 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC19K0572				\$	63,133 \$	1,802,193	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC19K0575				\$	62,354 \$	1,802,193	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC19K0701				\$	2,627 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC22K0464				\$	121,862 \$	1,802,193	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC22K0771			\$	92,048 \$	167,267 \$	1,802,193	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC22K1166				\$	15,521 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001	80NSSC23K0491				\$	91,406 \$	1,802,193	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
SCIENCE	43.001		CALIFORNIA INSTITUTE OF TECHNOLOGY	S542288	\$	74,935		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001		CALIFORNIA INSTITUTE OF TECHNOLOGY	S631864	\$	2,873	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001		COLORADO STATE UNIVERSITY	G-02803-01	Ş	104,775		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE SCIENCE	43.001		JET PROPULSION LABORATORY	1688555	\$	52,556		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE SCIENCE	43.001 43.001		JET PROPULSION LABORATORY JET PROPULSION LABORATORY	RSA #1672700 RSA No. 1703610	\$	(2,817) 7.981		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848,033
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO1-22130B	\$	19,492		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	TM9-20009X	\$	1,816		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001		UNIVERSITY OF ALABAMA HUNTSVILLE	2022-1468	\$	24.674		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE	43.001		WORCHESTER POLYTECHNIC INSTITUTE	11067-GR	Š	26.221	, , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AERONAUTICS	43.002		NATIONAL INSTITUTE OF AEROSPACE	N/A	Ś	60,548		RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008	80NSSC20M0100	William Control of Mellost Mee		\$ 238,123 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		LINCOLN UNIVERSITY		\$	48,635		RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		LINCOLN UNIVERSITY		\$	9,958	\$ 983,100	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPACE TECHNOLOGY	43.012	80NSSC21K1284			\$	70,419	\$ 863,530	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPACE TECHNOLOGY	43.012	80NSSC22K0738			\$ 557 \$	747,372	\$ 863,530	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPACE TECHNOLOGY	43.012	80NSSC20K1524			\$	12,189		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPACE TECHNOLOGY	43.012	80NSSC23M0019			\$	33,550	\$ 863,530	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LOWERING EMISSIONS AND ENVIRONMENTAL IMPACT FROM CIVIL S	43.RD	AWD-003577-G4	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-003577-G4	s	214.103	\$ 627.247	RESEARCH AND DEVELOPMENT	\$ 270.848.033
SDTS CONTROLS AND SOFTWARE DEV. (JETSII-SOW-PRS23-148)	43.RD	J2N30089LKS	JACOBS TECHNOLOGY	J2N30089LKS	Ś	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SES HEXAPOD MOTION TABLE (JETSII-SOW-PRS23-152)	43.RD	J2N30090LKS	JACOBS TECHNOLOGY	J2N30090LKS	Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
JSC BUILDING 16 SES HEXAPOD MOTION TABLE WASHOUT ALGORIT	43.RD	J2N40001LKS	JACOBS TECHNOLOGY	J2N40001LKS	Ś	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SDTS CONTROLS AND SOFTWARE DEVELOPMENT	43.RD	12N400041 KS	JACOBS TECHNOLOGY	12N400041KS	Ś			RESEARCH AND DEVELOPMENT	\$ 270.848.033
RAIDER CODE COMPLETION	43.RD	1683393	JET PROPULSION LABORATORY	1683393	Ś	, , ,		RESEARCH AND DEVELOPMENT	\$ 270.848.033
UV LIGHT REVEALS THE LIFE OF GIANT STAR-FORMING CLUMPS	43.RD	DHST-AR-15798.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	DHST-AR-15798.001-A	ş	. , .		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESOLVED STELLAR POPULATIONS AND THE MULTI-WAVELENGTH ST	43.RD	HST-AR-16604.009-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-16604.009-A	s	37,247	\$ 627.247	RESEARCH AND DEVELOPMENT	\$ 270.848.033
SUPERCAL: UNIFIED REPROCESSING OF THE LARGE HST COSMOLOG	43.RD	HST-AR-16621.014-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-16621.014-A	چ \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUPERCAL: UNIFIED REPROCESSING OF THE LARGE HST COSMOLOG	43.RD	HST-AR-16621.039-A	SPACE TELESCOPE SCIENCE INSTITUTE SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-16621.039-A	\$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
LII TRAVIOLET IMAGING OF THE COSMIC ASSEMBLY NEAR-INFRARE	43.RD	HST-GO-15647.038-A	SPACE TELESCOPE SCIENCE INSTITUTE SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15647.038-A	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
A MULTI-WAVELENGTH VIEW OF INTERSTELLAR DUST	43.RD	HST-GO-17078.008-A	SPACE TELESCOPE SCIENCE INSTITUTE SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-17078.008-A	Ś	. , . ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACS OBSERVATIONS IN A JWST CVZ FIELD PROVIDING THE M	43.RD	HST-GO-17154.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-17154.001-A	Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ANALYZING GIANT CLUMPS IN JWST IMAGES OF STAR-FORMING GA	43.RD	JWST-AR-03305.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-AR-03305.001-A	Š	21,884		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AROMATICS VERSUS ALIPHATICS: A PAH DIAGNOSTIC TOOL FOR J	43.RD	JWST-AR-03879.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-AR-03879.001-A	Ś	961		RESEARCH AND DEVELOPMENT	\$ 270.848.033
ILLUMINATING THE DUST PROPERTIES IN THE DIFFUSE ISM WITH	43.RD	JWST-GO-02183.007-A	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-GO-02183.007-A	Ś	7.334	\$ 627.247	RESEARCH AND DEVELOPMENT	\$ 270.848.033
MAPPING THE AROMATIC SMOKE FROM THE SUPERWIND OF THE	43.RD	JWST-GO-02677.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-GO-02677.001-A	\$	19,002	\$ 627,247	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FREQUENCY SELECTIVE SURFACE-BASED SENSING FOR WIRELESS S	43.RD	301330G-500-01-SC1755	TEXAS RESEARCH INSTITUTE AT AUSTIN	301330G-500-01-SC1755	\$	383		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR: INFLATABLE SOFTGOODS FOR NEXT GENERATION HABITATIO	43.RD	F-30201G-500-01-SC2031	TEXAS RESEARCH INSTITUTE AT AUSTIN	F-30201G-500-01-SC2031	\$	28,531	\$ 627,247	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HAWC+ OBSERVATIONS OF PLANCK-SELECTED 550 μM PEAKERS	43.RD	08-0053	UNIVERSITY SPACE RESEARCH ASSOCIATION	08-0053	\$	118	\$ 627,247	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NASA IPA FOR DR. LESLIE GERTSCH	43.U01	NNC22OB05A			\$	141,393	\$ 141,393	N/A	\$ -
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION					\$ 772,078 \$	4,478,011			
				-					
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES									
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	1893868-55-22			\$	121	\$ 81,259	N/A	\$ -
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	1911241-55-23			\$	55,697	\$ 81,259	N/A	\$ -
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		CITY OF COLUMBIA MISSOURI	N/A	\$	847	\$ 81,259	N/A	\$ -
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		TEXAS A&M UNIVERSITY	M2400518	\$	24,594	\$ 81,259	RESEARCH AND DEVELOPMENT	\$ 270.848.033
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025	2023-3821	MISSOURI ARTS COUNCIL	2023-3821	Ś			N/A	\$ 270,040,033
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025	2024-4488	MISSOURI ARTS COUNCIL	2024-4488	\$.,		N/A	\$ -
PROMOTION OF THE HUMANITIES_RESEARCH MATERIALS	45.126		MISSOURI HUMANITIES COUNCIL	Check number: 33630	Ś			N/A	\$ -
PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	45.160	FT-291349-23			, \$	6,000	\$ 6,063	N/A	\$ -
PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	45.160	FEL-282608-22			\$	63		RESEARCH AND DEVELOPMENT	\$ 270,848,033
PROMOTION OF THE HUMANITIES RESEARCH	45.161	RQ-255691-17			\$	2,674	\$ 2,674	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES									
AND CURRICULUM DEVELOPMENT	45.162	AKA-290963-23			\$	19,636	\$ 58,703	N/A	\$ -
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162	AV-286734-22			Ś	39.067	\$ 58.703	N/A	
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.162	BH-293767-23			ş \$,		N/A N/A	\$ -
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164	BH-293707-23	ICIVICS	N/A	ş \$			RESEARCH AND DEVELOPMENT	\$ 270.848.033
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169	HAA-287903-22	icivics	NA	ş \$., .		N/A	\$ 270,040,033
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169	HAA-290382-23			ę	42.620		N/A	š -
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169	HAA-271735-20			ę	39,180		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL LEADERSHIP GRANTS	45.312	ARPML-250568-OMLS-22			\$	15.199		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL LEADERSHIP GRANTS	45.312		UNIVERSITY OF KENTUCKY	3200003600-21-094	Ś	-,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL LEADERSHIP GRANTS	45.312		UNIVERSITY OF MICHIGAN	SUBK00017308	Ś	8,113		N/A	\$ -
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	RE-246339-OLS-20			\$	(7,555)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313		CORNERSTONES OF SCIENCE	N/A	\$	24,138	\$ 24,590	RESEARCH AND DEVELOPMENT	\$ 270,848,033

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313		SOUTHERN ILLINOIS UNIVERSITY	143109	\$	8,007	\$ 24,590	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL									
NDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE									
ionali ie					\$	520,800			
NATIONAL SCIENCE FOUNDATION					_				
ENGINEERING	47.041	1903716			\$	114,860	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270.848.03
ENGINEERING	47.041	1903716			\$	13.131		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NGINEERING	47.041	2132355			\$	115,417	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041	2132655			\$ 184,380 \$	199,947	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041	2219060			\$	244,262	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041	2305189		:	\$ 280 \$	24,423	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2306901			\$	11,809	,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING ENGINEERING	47.041 47.041	2309475 2226948		:	\$ 43,863 \$ \$	126,371 78,084		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270,848,03
NGINEERING	47.041 47.041	2226948			\$	78,084 56,331		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2239511			\$	84,794		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2301870			\$	148,170		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2314347			\$	138,304	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
INGINEERING	47.041	2420622			\$	41,597	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2423166			\$	31,292		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING NGINEERING	47.041 47.041	2406605 2026847			\$	62,947 151,680		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270,848,03
INGINEERING INGINEERING	47.041 47.041	2026847 1917630			\$ \$ 16,506 \$,		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270.848.03
NGINEERING	47.041	1947410		•	5 10,300 \$	77,358		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2026357			31,037 \$	35,587		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2028992			\$	108,194	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2324839			\$	70,504	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1801666			\$	33,139		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1926480			\$	11,817		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1937128			\$	44,358		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING NGINEERING	47.041 47.041	2231718 2328020			\$ \$	13,450 2,359		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270,848.03
NGINEERING	47.041	1932965			ş \$	31.008		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2033790			\$	72,882	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NGINEERING	47.041	2034198			\$	3,194	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2131282			\$	25,593		RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041	2146781			\$	53,835		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2219086			\$	243,083		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENGINEERING ENGINEERING	47.041 47.041	2219446 2301605			\$ \$	134,629 30.514	, , , , , ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
ENGINEERING	47.041	2302618			\$	12,046		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENGINEERING	47.041	2310833			\$	59,595		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENGINEERING	47.041	2310901			\$	55,210	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041	2315087			\$	34,399	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1651538			\$	(4,193)		RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041	1761697			\$	3,761		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NGINEERING NGINEERING	47.041 47.041	1825352 1901740			\$	47,791 23.605		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270,848.03
NGINEERING	47.041 47.041	1901740			ş \$	3.004	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1930873			Ś	40.639	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1930881			\$	3,613	\$ 4,678,381	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	1932690			\$	131,878		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2027452			\$	34,319		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2045101			\$	24,660		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2045786			\$	111,053		RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING ENGINEERING	47.041 47.041	2045881 2046552			\$	166,825 97.800	, , , , , ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270,848,03
NGINEERING	47.041 47.041	2046552			ş \$	103.735	,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2334166			Ś	62,190	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2347416			\$	5,818		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2222801		!	189,073 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,03
INGINEERING	47.041	1916535			\$	241,565		RESEARCH AND DEVELOPMENT	\$ 270,848,03
NGINEERING	47.041	2044726			\$	72,188	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041		ARIZONA STATE UNIVERSITY	ASUB00001144	\$	94,883	, , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING ENGINEERING	47.041 47.041		CROSSTALK LLC	0101 R000003269	\$ \$	7,914 78,661		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,03 \$ 270,848,03
ENGINEEKING FNGINFFRING	47.041 47.041		FLORIDA STATE UNIVERSITY HAMPTON LINIVERSITY	K000003269 HU-210004	\$	78,661 7.112		RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041		RESEARCH FOUNDATION OF SUNY	87162/2/1159175	چ \$	83,117	,	RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041		UNIVERSITY OF CONNECTICUT	423509	\$	27,295		RESEARCH AND DEVELOPMENT	\$ 270,848,03
ENGINEERING	47.041		UNIVERSITY OF CONNECTICUT	426473	\$	3,784		RESEARCH AND DEVELOPMENT	\$ 270,848,03
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2009910			\$	34,143		RESEARCH AND DEVELOPMENT	\$ 270,848,03
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2054068			\$	72,808		RESEARCH AND DEVELOPMENT	\$ 270,848,03
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2149082			Ś	161.443	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2219212			\$	95,496	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2306243			\$,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2308679			\$	-,-		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2308693			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2315823			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2316869			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2344889			\$. ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1764437			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1856522			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	1955239 1955289			\$	(-,,		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	1955289			\$	- ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	2003986			3	(4.786)		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	2003986			78.506 \$. , ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2019072		3	, 78,500 \$ \$	-,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154428			Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154700			Š	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154797			Š	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154924				56,687		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2155175		5	14,384 \$			RESEARCH AND DEVELOPMENT	\$ 270.848.033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2203359			Ś		\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2247776			Ś	272,753	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2345813			\$	49,151	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2345856			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2418760			\$	19,385	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1807263			\$	4,665	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1905442			\$	14,218	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2034856			\$	59,649	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2149721			\$	105,524	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2207965			\$	70,139	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2235161			\$	158,291	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2308895			\$	156,107	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2318197			\$	10,581	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2324158			\$	-,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2411677			\$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1853222			\$	(11,653)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1953177		5	27,164 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2000048			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2054394			\$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2105468			\$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2106157			\$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2111039			\$,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2111421			\$, .		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2152609			\$. ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	2205626 2210371			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	2210371			\$	-,	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	224/06/			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	2309733			ş			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2309778			9	-,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2311058			Ś		,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2325267			Š	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2108657			Š			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2307447			Š	-,		RESEARCH AND DEVELOPMENT	\$ 270.848.033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2011307			Ś			RESEARCH AND DEVELOPMENT	\$ 270.848.033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2011334			Ś	133,968	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2110294			Ś	80,564	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2207854			Ś	105,526	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2137217			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		CLEMSON UNIVERSITY	2435-206-2015526	\$	14,211	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF MINNESOTA	P010341301	\$	81,251	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF TEXAS AT DALLAS	2108983	\$	2,491	\$ 4,252,102	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2314530			\$	58,076	\$ 2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1927715			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2021262			\$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2029102			\$. ,	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2119992			\$, .	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2149587			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2322461			. \$	12,974		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2325183		5	-, +			RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2325891			\$,	, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2201498			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2418193			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1620591			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1650745 1652351			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1052351			\$	63,910	\$ 2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
GEOSCIENCES	47.050	1714875			\$	47,511 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1838376			\$	45,072 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1917031			\$	10,161 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1928360			\$	82,508 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	1944552			\$	79,320 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2013656			\$	75,497 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2032167			\$	95,636 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2038179		Ş	137,069 \$. , ,	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2114403			\$	70,486 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2242732			\$	581,255 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2305799			\$	46,744 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2412838			\$	9,917 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2414679			\$	21,117 \$	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2119866			\$		2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050	2049415			\$,	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES	47.050 47.050	2121664	CALIFORNIA STATE UNIVERSITY	C422424	\$, . ,	2,523,970	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
GEOSCIENCES GEOSCIENCES	47.050		CALIFORNIA STATE UNIVERSITY LINIDATA	SA22131 SUBAWD004334	Ş		2,523,970 2.523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEOSCIENCES GEOSCIENCES	47.050 47.050		WESTMINSTER UNIVERSITY	23240305-001	\$, ,	2,523,970	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1553548	WESTIMINSTER UNIVERSITY	23240305-001	\$	(780) \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1647182			\$		4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2006816			Ś	, , ,	4.053.059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2034247			Ś	, +	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2104078			\$	43,997 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2114141			Ś	(38,217) \$	4.053.059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2201505			Ś	(24,464) \$	4.053.059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2219615			Ś	24.900 S	4.053.059	RESEARCH AND DEVELOPMENT	\$ 270.848.033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2232889		5	93,923 \$		4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2246144			\$	44,196 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2246187			\$	76,681 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2322063			\$	363,681 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2322218			\$	676,825 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2323819			\$	48,553 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2344578			\$	27,919 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2344585			\$	28,014 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1747751			\$	185,573 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1818942			\$	24,967 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1837472			\$	(18,967) \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1950873			\$	(2,636) \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2008878			\$	146,833 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2018850			\$, +	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2030624			\$	46,632 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2114035			\$	84,511 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2209854		Ş	10,075 \$		4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2243589			\$	172,611 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2243619			\$	123,123 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	2301552 2333951		ş	,	244,048 \$ 35.040 \$	4,053,059 4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	2333951 2349236			\$ \$, ,	4,053,059	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2349236 1814797			\$	87,071 \$ 43,115 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1900924			\$	43,115 \$ 107.766 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2318891			\$, +	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1763246			ç	(10,120) \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2202108			¢	68.958 S	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1925681			87.174 \$, ,	4.053.059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2201583		•	\$	189,688 \$	4.053.059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		AUBURN UNIVERSITY	22-WREC-200887	\$	98,732 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		GEORGIA STATE UNIVERSITY	SP00016096-03	Ś		4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		IOWA STATE UNIVERSITY	022813A	\$	201,558 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		NEW MEXICO STATE UNIVERSITY	Q02365	\$	65,338 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF CALIFORNIA SANTA BARBARA	KK2242	\$	94,362 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF MASSACHUSETTS	20-015757-A-00	\$	45,374 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		VANDERBILT UNIVERSITY	OSA00000232	\$	125,708 \$	4,053,059	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1557806			\$	(10,110) \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1715534			\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1755175			\$	43,344 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2122902			\$	123,876 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2133798			\$	19,257 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2217322			\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2302424			\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2306894			\$	306,822 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2308699			\$	162,372 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2423844			\$	105,583 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1759896		Ş	3,776 \$.,	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1950787			\$	101,108 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2145226			\$	344,510 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
BIOLOGICAL SCIENCES	47.074	1754802	Nume of Funder Fuss-Timough Entity	runuer russ-rinough Entity	Sub-necipients S	62,423 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270.848.033
BIOLOGICAL SCIENCES	47.074	1940624			Ś	34,954 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2109745		:	154,753 \$	407,083 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2316785			\$	53,705 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1818312			\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1940655			\$., .		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2047115			\$. ,	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	2122027 2214243			\$, ,	7,935,176 7.935,176	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	2214243			\$ \$,	, , .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	2222157			\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2222130			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2348390			Š	, +	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2409495			Ś	, ,	7.935.176	RESEARCH AND DEVELOPMENT	\$ 270.848.033
BIOLOGICAL SCIENCES	47.074	1339156			\$	(399) \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1546873			\$	(4,143) \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1754201			\$ 11,035 \$	11,035 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1758843			\$	(3,450) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1829365		:	\$ 144,935 \$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1856093			\$	247,169 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1932639		:				RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	1936492		•			7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2035891			\$,· +	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	2101975			\$,	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	2110017 2128484			\$ \$, . ,	7,935,176 7.935,176	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	2128484			\$.,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2220951			ŝ		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2221891			Ś	, ,	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2224204			Š	. , ,	7.935.176	RESEARCH AND DEVELOPMENT	\$ 270.848.033
BIOLOGICAL SCIENCES	47.074	2305283			Š	15,161 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2318661		:	\$ 494 \$	88,519 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2324639			\$	142,208 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2343815			\$	81,725 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074	2425989			\$	114,381 \$	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	24311-M	\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	24409-M	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	N/A	\$.,	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	N/A	\$, ,	7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		IOWA STATE UNIVERSITY OHIO STATE UNIVERSITY	025919B GR120573	\$		7,935,176 7.935,176	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF FLORIDA	SUB00002414	\$ \$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF MINNESOTA	P010934901	\$		7,935,176	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074		WASHINGTON STATE UNIVERSITY	139500 G004262/SPC002800	Ś	-, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOLOGICAL SCIENCES	47.074		WASHINGTON UNIVERSITY	UWSC14559	Š	6,333 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2020096			, \$	3,645 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2341368		:	\$ 1,124 \$	32,242 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1853096			\$	33,092 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2020707			\$	32,487 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2208558			\$		1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2244383			\$, ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2244734			\$	2,671 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	1912776 2017920			\$	(-)) +	1,634,778 1,634,778	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	201/920			\$	165,938 \$ 172.548 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	2114282			\$ ¢	172,548 \$ 55,435 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2124829			\$ 4.646 \$		1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2152822			, ,,,,,,	143,255 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2217844			Š	2,872 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2218884			\$		1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2219849			\$	152,887 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2317293			\$	88,318 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2345898			\$	125,192 \$	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2414237			\$, +	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2308737			\$,	1,634,778	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2341605			\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	2215168			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	2324696	OUIO CTATE UNIVERSITY	SPC-1000013125 - GR135204	\$	59,988 \$ 11.826 \$	1,634,778 1,634,778	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075		OHIO STATE UNIVERSITY PENNSYLVANIA STATE UNIVERSITY	SPC-1000013125 - GR135204 S001784-NSF	\$	11,826 \$ 20.895 \$	1,634,778 1.634.778	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2244734	F LINIOT LYAINIA STATE UNIVERSITT	3001784-NSF	\$ 8.818 S	, ,	5.604.266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2325183				.,	.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1659133		•	. 25,205 \$	(16,235) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1852822		:	\$ (6,900) \$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1906795			\$	21,390 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1920546			\$	4,110 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2000607			\$ 6,926 \$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2009127			\$	103,311 9	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2010260			\$	117,327 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES) STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076 47.076	2010312 2017743			\$ 15,203 \$	47,594 \$ 123.819 \$	5,604,266 5,604,266	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2020709			\$ \$ 213,475 \$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2138074			\$ 2,393 \$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2201204			\$ 58,816 \$	491,154 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2236220			\$,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2237053			\$	-, - ,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES) STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076 47.076	2243526 2300490			\$ \$	192,868 \$ 148.959 \$	5,604,266 5,604,266	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2302596			Ś	-,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2336061			Ś	46,309 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2150210			\$	110,440 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2227916			\$	134,397 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1842485			\$	17,744 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1946619			\$ 202,233 \$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES) STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076 47.076	2039288 2152057			\$ \$	49,012 \$ 255.479 \$	5,604,266 5.604,266	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2240732			\$, - ,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2335969			Ś		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2204537			\$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2202108			\$	133,618 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2201965			\$.,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076 47.076	1742523 1836857			\$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES) STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076 47.076	1836857 1914771			\$	(3,051) \$ 2,000 \$	5,604,266 5,604,266	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1930221			,	270.709 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	1930402			\$ 14.909 \$., ,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076	2221559			\$ 12,036 \$	105,177 \$	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		AMERICAN EDUCATIONAL RESEARCH ASSOCIATION	N/A	\$	1.175 \$	5.604.266	RESEARCH AND DEVELOPMENT	\$ 270.848.033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		AUBURN UNIVERSITY	21-COSAM-200840-UMO-KSCit			5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		FLORIDA INTERNATIONAL UNIVERSITY	000712	,		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		HARRIS STOWE STATE COLLEGE	1	\$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		HARRIS STOWE STATE COLLEGE	1619639	s		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		HARRIS STOWE STATE COLLEGE	N/A	۶	,,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848.033
	47.076		HARRIS STOWE STATE COLLEGE HARRIS STOWE STATE COLLEGE	,	,	, 7	.,,		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)				N/A	\$		5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		PORTLAND STATE UNIVERSITY	100248	\$	-,,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		ROCKHURST UNIVERSITY	N/A	\$,	5,604,266	N/A	\$ -
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		UNIVERSITY OF FLORIDA	SUB00002972	\$, ,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		UNIVERSITY OF FLORIDA	SUB00002974	\$, ,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES)	47.076		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5121162	\$,	5,604,266	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STEM EDUCATION (FORMERLY EDUCATION AND HUMAN RESOURCES) POLAR PROGRAMS	47.076 47.078	2327574	VIRGINIA TECH	480801-19228	\$ \$ 30,747 \$	12,720 9	5,604,266 137,013	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.078 47.079	2327574			\$ 30,747 \$	9,609 \$	208,708	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	2153715			Ś		208,708	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	2245469			\$, ,	208,708	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		ILLINOIS INSTITUTE OF TECHNOLOGY	2230770	\$	83,215 \$	208,708	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTEGRATIVE ACTIVITIES	47.083	1810732			\$ 163,691 \$		1,304,880	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTEGRATIVE ACTIVITIES	47.083	2334906			\$	2,886 \$	1,304,880	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTEGRATIVE ACTIVITIES	47.083	2337236			\$	458,411 \$	1,304,880	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084 47.084	2141131 2214028			\$	85,029 \$ 81,242 \$	2,699,882 2.699.882	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2236622			\$ 48,863 \$		2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2303003			\$ 121,656 \$, +	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2313887			\$	28,523 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2331554			\$	40,106 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2344877			\$	359,585 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084 47.084	2350104 2415132			\$ 58,819 \$		2,699,882	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2415132			\$		2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2229743			\$		2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2240977	Nume of runder russ-through Entity	runder russ-Initough Entity	\$ \$	8,739 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2305248			Ś	428,760 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2331258			\$	127,069 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2344900			\$	23,394 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2412186			\$	5,532 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2328471			\$	21,733 \$	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084		UNIVERSITY OF ORGEGON	2017V0A	\$, ,	2,699,882	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MID-SCALE RI-1 (M1:DP): NATIONAL TESTING FACILITY FOR EN	47.RD	028092B	IOWA STATE UNIVERSITY	028092B	\$		150,949	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF CONVERGENCE ACCELERATOR TRACK I: REVOLUTIONIZING THE COLLABORATIVE RESEARCH: CYBERTRAINING: PILOT: RESEARCH W	47.RD 47.RD	A23-0178-S002	UNIVERSITY OF ALABAMA	A23-0178-5002	\$, ,	150,949	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COLLABORATIVE RESEARCH: CTBERTRAINING: PILOT: RESEARCH W CHARACTERIZING THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL	47.RD	PO# 7800006996	UNIVERSITY OF KENTUCKY	PO# 7800006996	\$, +	150,949	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NSF I-CORPS HUB: GREAT LAKES REGION	47.RD 47.RD	OS00001190 PO: SPC-003072 SUBK00012983 PO3006840556	UNIVERSITY OF MIAMI UNIVERSITY OF MICHIGAN	OS00001190 PO: SPC-003072 SUBK00012983 PO3006840556	\$	46,142 \$ 17.680 \$	150,949 150.949	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
TOTAL NATIONAL SCIENCE FOUNDATION	47.ND	30BN00012363 PO3000640330	UNIVERSITY OF WIICHIGAN	30BK00012963 F03000640330	,	17,000 3	130,949	RESEARCH AND DEVELOPINENT	3 270,040,033
				<u>-</u>	\$ 2,381,404 \$	35,183,164			
SMALL BUSINESS ADMINISTRATION									
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ22B0086			\$	(273) \$	2,493,943	N/A	\$ -
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB230059-01-00			\$ 796,203 \$	1,497,089 \$	2,493,943	N/A	\$ -
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB230059-01-01			\$	61,011 \$	2,493,943	N/A	\$ -
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB240072-01-00			\$ 291,096 \$		2,493,943	N/A	\$ -
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB240072-01-01			\$	162,257 \$	2,493,943	N/A	\$ -
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058	SBAOIIFT210032-02-00			\$ 12,000 \$		132,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058	SBAOIIFT210032-03-00			\$	65,316 \$	132,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL SMALL BUSINESS ADMINISTRATION				<u>:</u>	\$ 1,099,299 \$	2,626,030			
DEPARTMENT OF VETERANS AFFAIRS									
LEGAL GERMANIC FOR METERANIC CRANIES						400.000 4	400.000		
LEGAL SERVICES FOR VETERANS GRANTS OPEN-FIELD BLAST CORE FACILITY	64.056	MO-859-LSV-124-22			\$, . ,	138,202	N/A	\$ -
OPEN-FIELD BLAST CORE FACILITY OPEN-FIELD BLAST CORE FACILITY (OBLIGATION #589-C18051)	64.RD 64.RD	36C24E23P0112 Obligation# 589-C18051			\$.,	1,250,923 1,250,923	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
IPA AGREEMENT FOR TRIPTI KHARE	64.RD	N/A			\$., ,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR CHASTIDY BAILEY	64.RD	N/A			ŝ		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR SARAH JOHNSON	64.RD	N/A			\$, . ,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR DEEPTHI RAO	64.RD	N/A			Ś		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR GREGORY PETROSKI	64.RD	N/A			Ś		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTERMITTENT IPA-RUNTING LI	64.RD	N/A			Š	.,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTERMITTENT IPA-AMITAI ZUCKERMAN	64.RD	N/A			\$	33,506 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTERMITTENT IPA-ASHLEY BALDERRAMA	64.RD	N/A			\$	10,287 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VA MERIT IPA (JIA): NOVEL MECHANISMS UNDERLYING THE DEVE	64.RD	N/A			\$	25,526 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA FOR NING SHI	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR RAGHU RAMANATHAN	64.RD	N/A			\$. ,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR TAMMY ROLD	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTERMITTENT IPA-TAMANNA MONY	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATHAN SCHWARTZ IPA AGREEMENT WITH VA HOSPITAL TO COVER	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MINNA HUANG IPA AGREEMENT WITH VA HOSPITAL ON DR. CUI'S	64.RD	N/A			\$.,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MANIKANDAN NAGARAJAN IPA AGREEMENT WITH VA HOSPITAL IPA WATKINSON FY24 SMITH	64.RD 64.RD	N/A N/A			\$,	1,250,923 1,250,923	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
IPA CARMACK FY24 SMITH	64.RD	N/A N/A			\$	-,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA GARRIAGE FT24 SINTH	64.RD	N/A N/A			\$ \$, +	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OLGA GLINSKII IPA AGREEMENT WITH VA HOSPITAL	64.RD	N/A			\$, - ,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA FOR GRACE MEERS	64.RD	N/A			Ś		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VA IPA DR. SHARMA SLEEP & PTSD	64.RD	N/A			Ś		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GEORGE SARAFIANOS IPA AGREEMENT WITH VA HOSPITAL ON DR.	64.RD	N/A			\$. , . ,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RATNAKAR TRIPATHI IPA AGREEMENT WITH VA HOSPITAL TO COVE	64.RD	N/A			\$	19,086 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OLGA GLINSKII IPA AGREEMENT WITH VA HOSPITAL TO COVER 31	64.RD	N/A			\$	9,272 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PRAVEEN BALNE IPA AGREEMENT WITH VA HOSPITAL TO COVER 75	64.RD	N/A			\$	1,907 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR GREGORY PETROSKI	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA SALARY AGREEMENT FOR RAGHU RAMANATHAN	64.RD	N/A			\$	-, ,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR YAN JI	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR SUNEEL GUPTA WITH VA HOSPITAL TO COVER	64.RD	N/A			\$.,	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR DANIEL DAVIS	64.RD	N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA EXTENSION-CUI, JIANKUN	64.RD 64.RD	N/A			\$, +	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA FOR MICHAEL HILL ON FAY'S VA MERIT REVIEW AWARD	64.RD	N/A N/A			\$ \$		1,250,923 1,250,923	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
IPA AGREEMENT FOR KATHERINE BURK IPA AGREEMENT FOR JAMES ALEXANDER SMITH	64.RD	N/A N/A			\$		1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848,033
IPA LIXIN MA SALARY REIMBURSEMENT	64.RD	N/A N/A			\$ \$	/ +	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR TAMMY ROLD	64.RD	N/A			ŝ	30.953 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR ALEX SCHOENHERR	64.RD	N/A			Ś	5,034 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA AGREEMENT FOR LUIS MARTINEZ-LEMUS	64.RD	N/A			Ś	9,077 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA ASSIGNMENT FOR DR. CATHERINE JOHNSON W/VA-NEW	64.RD	Oblig #589-C38029			\$	24,414 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
IPA ASSIGNMENT FOR DR. CATHERINE JOHNSON WITH VA- OBFC	64.RD	Obligation # C38023			\$	24,710 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DOUGLAS IPA OPEN FIELD BLAST CORE	64.RD	OFBC # C38023			\$	22,539 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OPEN FIELD BLAST CORE FACILITY 2/12/2024 - 10/11/2024	64.RD	36C24E24Q0030			\$	17,987 \$	1,250,923	RESEARCH AND DEVELOPMENT	\$ 270,848,033

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DEVIANT SYNCHRONIZATION OF NEURAL FUNCTION IN SCHIZOPHRE	64.RD	N/A	MINNEAPOLIS VA HEALTH CARE SYSTEM	N/A		\$ 5.172 \$	1.250.923	RESEARCH AND DEVELOPMENT	\$ 270.848.033
IPA ASSIGNMENT FOR DR. CATHERINE JOHNSON WITH VA	64.U01	821-PS_null-42322				\$ 77,999 \$	77,999	N/A	\$ -
IPA AGREEMENT FOR ANNAYYA AROOR	64.U02	N/A			:	\$ 43,986 \$	43,986	N/A	\$ -
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.U03	589-C35103			:	\$ 48,232 \$	48,232	N/A	\$ -
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.U04	N/A			:	\$ (3,395) \$	(3,395)	N/A	\$ -
TOTAL DEPARTMENT OF VETERANS AFFAIRS						1,555,947			
ENVIRONMENTAL PROTECTION AGENCY					_				
CONGRESSIONALLY MANDATED PROJECTS	66.202	84065101			:	\$ 464,620 \$	464,620	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING									
COOPERATIVE AGREEMENT PROGRAM	66.306		BIKEWALKKC	N/A		\$ 31,282 \$	31,282	RESEARCH AND DEVELOPMENT	\$ 270,848,033
WATER POLLUTION CONTROL STATE, INTERSTATE, AND TRIBAL									
PROGRAM SUPPORT	66.419		MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	;		6,550	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G22-NPS-01	,	\$ (14,496) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G23-NPS-01			496,002	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G23-NPS-02	,	\$ 185,931 \$	496,002	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G24-NPS-01		66,687 \$	496,002	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460 66.461	97790701	MISSOURI DEPARTMENT OF NATURAL RESOURCES	G24-NPS-02	3		496,002	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	97/90/01 CD97770401				,	162,145 162,145	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
DRINKING WATER STATE REVOLVING FUND	66.468	CD97770401	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A			162,145	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	84046701	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	87,854	, , , ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	04040701	UNIVERSITY OF NORTH DAKOTA	UND0027930-S1	07,034		299,358	RESEARCH AND DEVELOPMENT	\$ 270,848,033
P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR	00.309		UNIVERSITI OF NORTH DAKOTA	UND0027930-31	,	9 41,300 3	233,330	RESEARCH AND DEVELOPMENT	\$ 270,040,033
SUSTAINABILITY	66.516	84040301			:	\$ 908 \$	908	RESEARCH AND DEVELOPMENT	\$ 270.848.033
PERFORMANCE PARTNERSHIP GRANTS	66.605	04040301	MISSOURI DEPARTMENT OF AGRICULTURE	N/A			12.752	N/A	\$ 270,040,055
PERFORMANCE PARTNERSHIP GRANTS	66.605		MISSOURI DEPARTMENT OF AGRICULTURE	N/A			12,752	RESEARCH AND DEVELOPMENT	\$ 270.848.033
POLLUTION PREVENTION GRANTS PROGRAM	66.708	97797001		.4		, , , , ,	, .	RESEARCH AND DEVELOPMENT	\$ 270.848.033
SOLID WASTE MANAGEMENT ASSISTANCE GRANTS	66.808	97786301					66,005	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL ENVIRONMENTAL PROTECTION AGENCY									
				<u>-</u>	87,854	1,753,796			
NUCLEAR REGULATORY COMMISSION									
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP	77.000	242402404005							
PROGRAM U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP	77.008	31310019M0035			:	\$ 69,750 \$	244,849	N/A	\$ -
PROGRAM	77.008	31310023M0028			:	\$ 26,479 \$	244,849	N/A	\$ -
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310018M0044			:	\$ (22,321) \$	244,849	RESEARCH AND DEVELOPMENT	\$ 270,848,033
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310019M0030				\$ 59,647 \$	244.849	RESEARCH AND DEVELOPMENT	\$ 270.848.033
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP						, +	,		+ =,,
PROGRAM	77.008	31310021M0040			;	\$ 111,294 \$	244,849	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REFLOOD AND DROPLET MEASUREMENT AT LOW FLOWRATES USING R	77.RD	S003936-NRC	PENNSYLVANIA STATE UNIVERSITY	S003936-NRC	;	\$ 73,597 \$	73,597	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL NUCLEAR REGULATORY COMMISSION						318,446			
DEPARTMENT OF ENERGY									
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0014461				\$ 238.174 \$	2.927.985	RESEARCH AND DEVELOPMENT	\$ 270.848.033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0017130				\$ 133,199 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0018222			117,538		2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019109			117,550		2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019218					2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020292				\$ 100,443 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020346			22,315	\$ 32,563 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0021273					2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0023488			:	\$ 112,887 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0024294			:	\$ 81,549 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0024512			:	\$ 77,151 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0024692		:	73,946	\$ 89,895 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0024694			:	\$ 59,055 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0022145			:	\$ 122,602 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0022188				\$ 95,016 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0022235			:		2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		COLD SPRINGS HARBOR LAB	51850413	;	,	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		DONALD DANFORTH PLANT SCIENCE CENTER	22915-M	4	(, +	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-001604-G1			2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PHASE 3 PHYSICS	NAN - 1186	;	\$ 14,292 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		QUASAR ENGERGY GROUP	DOE SBIR DE-SC0022382	,	\$ 205,999 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF MINNESOTA	H007829701	;	\$ 7,588 \$	2,927,985	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF NEBRASKA LINCOLN	25-1215-0265-007	\$	450.936		RESEARCH AND DEVELOPMENT	\$ 270.848.033
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF TEXAS AUSTIN	UTA20-001010	¢	255,767	,. ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DF-FF0008449	ONVERSITY OF TEXASTROSTIN		\$ 91.400 \$	293,948 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DE-EE0009119			, 51,400 ¢	353.117 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESEARCH AND DEVELOPMENT	81.086				\$ 1.068.483 \$	1.559.149 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESEARCH AND DEVELOPMENT		DE-EE0009392	COLLA CELEGIA COLLA COLLA COLLA COLLA COLLA CELEGIA COLLA CELEGIA COLLA CELEGIA COLLA COLLA COLLA CELEGIA COLLA CO		5 1,008,483 \$				
	81.086		IOWA STATE UNIVERSITY	026014A	\$	66,117 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		PENNSYLVANIA STATE UNIVERSITY	S002942-USDOE	\$	11,786 \$	-,,	N/A	Ş -
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		QUASAR ENGERGY GROUP	DOE DE-EE0010993	\$	35,478 \$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		UNIVERSITY OF DELAWARE	UDR0000277	\$	26,742 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DE-EE0009250			\$ 231,836 \$	539,309 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DE-EE0009790			\$ 204,626 \$	410,117 \$	1,143,745	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		ARIZONA STATE UNIVERSITY	ASUB00000943	\$	137,583 \$	1,143,745	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		GENERAL MOTORS HOLDINGS LLC	4301829069	\$	56,736 \$	1,143,745	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	DE-FE0032395			\$ 219.000 \$	344,656 \$		RESEARCH AND DEVELOPMENT	\$ 270.848.033
ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL									
ANALYSIS/ASSISTANCE	81.117	DE-EE0009730			\$ 38,571 \$	286,245 \$	286,245	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009338			\$ 123,707 \$	189.091 \$		N/A	¢,
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	NE0000123			\$ 123,707 \$	3,733 \$,	N/A	\$ -
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009065			,	71,986 \$. ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
									\$ 270,848,033
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009197			\$ 2,356 \$. ,	RESEARCH AND DEVELOPMENT	+,,
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009284			\$	25,445 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009362			\$	24,384 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE008968			\$ 56,866 \$	241,858 \$	877,586	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		IDAHO STATE UNIVERSITY	16-0226A	\$	53,858 \$	877,586	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT PROGRAM	81.121		UNIVERSITY OF NEVADA RENO	UNR-23-22	\$	79,116 \$	877,586	RESEARCH AND DEVELOPMENT	\$ 270,848,033
(EECBG)	81.128		CHILDREN'S MERCY HOSPITAL	42022122	\$	(423) \$	(423)	N/A	\$ -
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	AR0000874			,	(3,421) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001125			\$ 159,457 \$			RESEARCH AND DEVELOPMENT	\$ 270.848.033
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DF-AR0001707			ر رد ب ردد د	289.406 S	, .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001707 DE-AR0001752			ş \$	262.075 S		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY		DE-AR0001732	au morae				, .		,,
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		RUTGERS	833124_SUB2435_PO25284274	\$	113,758 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
	81.135		UNIVERSITY OF CALIFORNIA LOS ANGELES	0121 G LA392	\$	44,755 \$,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		UNIVERSITY OF DELAWARE	UDR0000253	\$	23,211 \$,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GA, IN AND GE EXTRACTION FROM ZINC RESIDUE PRODUCED FROM	81.RD	SC-21-555	AMES LABORATORY	SC-21-555	\$	88,907 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOCUS AREA LEAD FOR DIVERSIFYING SUPPLY FOR THE CRITICAL	81.RD	SC-24-600	AMES LABORATORY	SC-24-600	\$	392,545		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPMENT OF THE FUEL INTERROGATION AND EXAMINATION US INVESTIGATION OF U-MO MONOLITHIC FUEL INTERFACIAL BOND S	81.RD 81.RD	276469 279335	BATTELLE ENERGY ALLIANCE LLC BATTELLE ENERGY ALLIANCE LLC	276469 279335	\$	71,881 \$ 328,126 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
PREDICTING THE PERFORMANCE AND IMPACT OF DYNAMIC PFC SUR	81.RD	4000159698	BATTELLE OAK RIDGE NATIONAL LABORATORY	4000159698	\$	33,397 \$	3.634.503	RESEARCH AND DEVELOPMENT	\$ 270.848.033
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GAS-FIRED BINARY-FLUID SORPTION-ASSISTED EJECTOR HEAT PU	81.RD	4000180900	BATTELLE OAK RIDGE NATIONAL LABORATORY	4000180900	\$	38,902 \$.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEC FAST CHARGING TECHNOLOGY LANDSCAPE AND GAPS	81.RD	10016720	ELECTRIC POWER RESEARCH INSTITUTE	10016720	\$	80,901 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
WELD ASSEMBLY OF LARGE CASTINGS	81.RD	PO 401193890	GENERAL ELECTRIC	PO 401193890	\$	107,449 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUMMER RESEARCH EXPERIENCE IN ADDITIVE MANUFACTURING	81.RD	28010393-17R002095	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A	\$	54,380 \$.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CAPSTONE: PRESET CONNECTION SLEEVE PROJECT	81.RD	N0000427165	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N0000427165	\$	750 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
METAL ADDITIVE MANUFACTURING MATERIALS ANALYSIS FOR MISS	81.RD	N000285533	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000285533	\$	33,804 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIGH G SHOCK AND PROGRAMMABLE POWER SUPPLY	81.RD	N000377742	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000377742	Ś	137,446	3.634.503	RESEARCH AND DEVELOPMENT	\$ 270.848.033
NEW SOUNDING ROCKET TECH	81.RD	N000380539	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000380539	\$	1,906 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MICROSTRUCTURE AND MATERIALS PROPERTIES	81.RD	N000420390	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000420390	Ś	30,885 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHEMISTRY VARIABILITY FOR PERFORMANCE AND LIFECYCLE MODE	81.RD	N000421953	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000421953	\$	1.951		RESEARCH AND DEVELOPMENT	\$ 270.848.033
NEW SOUNDING ROCKET TECH	81.RD	N000422537	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000421333	Ś	13,130 \$	-,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
FIRST-PRINCIPLES MODELING OF MAX PHASE ELECTRONIC AND OP	81.RD	N000422537	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000422537	\$	58,559 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIGITALLY ASSURED MANUFACTURING PROCESSES TESTBED	81.RD	N000424843	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000422371 N000424843		43.668		RESEARCH AND DEVELOPMENT	\$ 270,848,033
HEML AND C3 GAS GUN COLLABORATION	81.RD				\$	43,668 \$ 7.689 \$		RESEARCH AND DEVELOPMENT	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		N000427442	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000427442	\$,,	.,,		\$ 270,848,033
SR. DESIGN: DESIGN OF AN EMBEDDED SENSOR DETECTING HIGH FIRST-PRINCIPLES MODELING OF MAX PHASE ELECTRONIC AND OP	81.RD 81.RD	N000444243 N000463066	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000444243 N000463066	\$ \$	1,000 \$ 49,422 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
NON-NEWTONIAN FLUIDS FOR CLEANING METAL ADDITIVE PARTS R	81.RD	N000463249	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000463249	\$	1,680 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHEMISTRY VARIABILITY FOR PERFORMANCE AND LIFECYCLE MODE	81.RD	N000465893	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000465893	Ś	39,751 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
TFP- GLASS SURFACE MODIFICATION	81.RD	N000465907	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000465907	Š	46,728 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADDITIVE MANUFACTURING OF HIGH-PERFORMANCE POLYMER COMPO	81.RD	N000465918	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000465918	s	71.697		RESEARCH AND DEVELOPMENT	\$ 270,848,033
					,	,	.,,		
DESIGN RULES FOR CERAMIC ADDITIVE MANUFACTURING	81.RD	N000466038	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000466038	\$	91,074 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIGITALLY ASSURED MANUFACTURING PROCESSES TESTBED	81.RD	N000466734	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000466734	\$	74,987 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADDITIVE MATERIALS EVALUATIONS FY 23	81.RD	N000468248	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000468248	\$	38,355 \$.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
POLYMER CROSSLINKING: SWELLING RATIO TESTER VERSUS POSI	81.RD	N000468486	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000468486	\$	36,100 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
APPLYING ADAPTIVE RESONANCE THEORY (ART), MANUFACTURING	81.RD	N000468607	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000468607	\$	37,922 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HIPERCO REPLACEMENT	81.RD	N000468835	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000468835	\$	109,283 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
POSITRON EVALUATION OF METAL POWDER HYBRID MATERIALS PDR	81.RD	N000472231	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000472231	\$	16,440 \$	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENGINEERED STRESS PROFILES	81.RD	N000472236	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000472236	\$	68,946	3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
ADVANCED GLASS TO METAL SEAL TECHNOLOGY	81.RD	N000472601	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000472601	Ş	57,111	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED ADDITIVE MANUFACTURING OF TITANIUM	81.RD	N000472837	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000472837	Ş	71,385		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GLASS: REFRACTIVE INDEX MODIFICATION	81.RD	N000478660	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000478660	\$,	5,054,505	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED GLASS TO METAL SEAL TECHNOLOGY	81.RD	N000502653	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000502653	\$		-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DESIGN FOR CERAMIC ADDITIVE MANUFACTURING	81.RD	N000503953	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000503953	٥			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENGINEERED STRESS PROFILES	81.RD	N000504218	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000504218	\$	9,160	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EVALUATION OF POLYMER CROSSLINKING: A COMPARISON OF POLY	81.RD	N000504739	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000504739	\$	36,513	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ROBUST SEMICONDUCTOR SUPPLY (RSS) AND SEMICONDUCTOR									
KNOW	81.RD	N000505517	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000505517	\$	5,016	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADDITIVE MANUFACTURING OF HIGH-PERFORMANCE POLYMER									
COMPO	81.RD	N000508503	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000508503	\$	59,025	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MAGNETIC SHAPE MEMORY ALLOY AND FECO SYNTHESIS	81.RD	N000512732	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000512732				RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADVANCED ADDITIVE MANUFACTURING OF TITANIUM	81.RD	N000516242	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000516242	,			RESEARCH AND DEVELOPMENT	\$ 270,848,033
STUDENT TRAINING FOR SKILLS GAP	81.RD	N000519199	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000519199	3	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RATIONAL DESIGN OF 3D POROUS CARBON ARCHITECTURE FOR EFF	81.RD	292686	IDAHO NATIONAL LABORATORY	292686	5	,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONCRETE ASSISTED BY PARTICLES SEALED UNDER LARGE-SCALE	81.RD	B656734	LAWRENCE LIVERMORE NATIONAL LABORATORY	B656734	\$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VALIDATION AND BEST PRACTICES FOR CO2 REMOVAL AND SEQUES	81.RD	B661705	LAWRENCE LIVERMORE NATIONAL LABORATORY		, S			RESEARCH AND DEVELOPMENT	\$ 270,848,033
VALIDATION AND BEST PRACTICES FOR COZ REINOVAL AND SEQUES	01.ND	B001703	LAWNEINCE LIVENWORE NATIONAL LABORATORY	B661705	,	30,000	3,034,303	RESEARCH AND DEVELOPMENT	3 270,040,033
METAL-TO-CERAMIC JOINING METHODS TO SUPPORT DEVELOPMENT	81.RD	SUB-2022-10089	NATIONAL RENEWABLE ENERGY LABORATORY	SUB-2022-10089	\$	67,925	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SELECTIVE AND EFFICIENT RECOVERY OF TELLURIUM FROM COPPE	81.RD	SUB-2023-10246	NATIONAL RENEWABLE ENERGY LABORATORY	SUB-2023-10246		140.913		RESEARCH AND DEVELOPMENT	\$ 270.848.033
MISSOURI OZARK AMERIFLUX (MOFLUX) PROJECT PHASE FOUR	81.RD	4000150689	OAK RIDGE NATIONAL LABORATORY	4000150689		19.653	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
						.,			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
MISSOURI OZARK AMERIFLUX (MOFLUX) PROJECT CONTINUING PHA	81.RD	CW52672	OAK RIDGE NATIONAL LABORATORY	CW52672	\$	69,443	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GAS-FIRED BINARY-FLUID SORPTION-ASSISTED EJECTOR HEAT PU	81.RD	CW55733	OAK RIDGE NATIONAL LABORATORY	CW55733	\$	1,101	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NP-MRD: NATURAL PRODUCTS MAGNETIC RESONANCE DATABASE	81.RD	519177	PACIFIC NORTHWEST NATIONAL LABORATORY	519177	\$	211,093	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STORAGE INTEGRATED AC-AC CONVERTERS	81.RD	2488667	SANDIA NATIONAL LABORATORY	2488667		75,493	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SENIOR DESIGN: ADDITIVELY MANUFACTURED, MECHANICAL FIXTU	81.RD	NAN - 1181	SANDIA NATIONAL LABORATORY	N/A	, S			RESEARCH AND DEVELOPMENT	\$ 270,848,033
THEORETICAL PREDICTION OF NITROGEN DIOXIDE POTENTIAL ENF	81.RD	PO#2249097	SANDIA NATIONAL LABORATORY	PO#2249097	, S	48,172	\$ 3,634,503	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATERIALS RESEARCH & EMBEDDED SENSING VIA LASER FOIL PRI	81.RD	22891_PO#EP143871	TRIAD NATIONAL SECURITY LLC	22891_PO#EP143871	5			RESEARCH AND DEVELOPMENT	\$ 270.848.033
	02.715	22032_7 0//2/ 2430/1	THE INTERVIENCE SECOND EEC	11031_, 0,11, 1430,1		33,400	3,034,303	NESE/INCITATIO DEVELOT METT	\$ 270,040,033
PROPOSAL TO HOST THE 2024 APS CONFERENCE FOR UNDERGRADUA	81.U01	CWC-083	AMERICAN PHYSICAL SOCIETY	CWC-083	\$	16,266	\$ 16,266	N/A	\$ -
ARGONNE WORK ORDER #3 BOA 7J-30010	81.U02	7J-30010-0003A	ARGONNE NATIONAL LABORATORY	7J-30010-0003A	\$	16,216	\$ 16,216	N/A	\$ -
EPOXY STAKING OF PRINTED WIRING BOARD COMPONENTS, COMPRES	81.U03	N000476496	HONNEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000476496	\$	3,356	\$ 3,356	N/A	\$ -
SENIOR DESIGN: DESIGN AND DEVELOPMENT OF A SPRING FATIGUE									
AND VISUAL INSPECTION TESTER	81.U04	N/A	SANDIA NATIONAL LABORATORY	N/A	\$	1,164	\$ 1,164	N/A	\$ -
TOTAL DEPARTMENT OF ENERGY									
				-	\$ 2,410,101 \$	12,562,752			
DEPARTMENT OF EDUCATION									
FEDERAL GURBLES SELECTION FOR CONTROL OF CON									
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A222395			\$. , , , ,	, , ,,,	STUDENT FINANCIAL ASSISTANCE	
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A232394			Ş	1,119,351	\$ 2,129,524	STUDENT FINANCIAL ASSISTANCE	
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A232395			\$, .	, , ,,,	STUDENT FINANCIAL ASSISTANCE	+,
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A232396			\$		-,,	STUDENT FINANCIAL ASSISTANCE	+,
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A232397			Ş	510,349		STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES	84.010		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	۶	31	\$ 31	N/A	\$ -
SPECIAL EDUCATION GRANTS TO STATES	84.027		CSPD MONTANA REGION 2	N/A	\$	-,		SPECIAL EDUCATION CLUSTER (IDEA	
SPECIAL EDUCATION GRANTS TO STATES	84.027		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	\$	625	\$ 7,297	SPECIAL EDUCATION CLUSTER (IDEA) \$ 7,297
FEDERAL WORK-STUDY PROGRAM	84.033	P033A192395			\$	1,800	\$ 2,767,626	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222395			\$	(164,447)	\$ 2,767,626	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222396			\$	(85,222)	\$ 2,767,626	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222397			\$	5,983	\$ 2,767,626	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL WORK-STUDY PROGRAM	84.033	P033A232394			Ś	1,306,966		STUDENT FINANCIAL ASSISTANCE	
FEDERAL WORK-STUDY PROGRAM	84.033	P033A232395			\$			STUDENT FINANCIAL ASSISTANCE	
FEDERAL WORK-STUDY PROGRAM	84.033	P033A232396			Ś	208.481	\$ 2,767,626	STUDENT FINANCIAL ASSISTANCE	\$ 434.876.002
FEDERAL WORK-STUDY PROGRAM	84.033	P033A232397			Š	,	, , , , , ,	STUDENT FINANCIAL ASSISTANCE	
FEDERAL PERKINS LOAN PROGRAM FEDERAL CAPITAL CONTRIBUTIONS	84.038	PERKINS LOAN PROGRAM			Š		, , , , , ,	STUDENT FINANCIAL ASSISTANCE	
TRIO STUDENT SUPPORT SERVICES	84.042	P042A201685			Š			TRIO CLUSTER	\$ 1.242.118
TRIO STUDENT SUPPORT SERVICES	84.042	P042A201883			,	272,970		TRIO CLUSTER	\$ 1,242,118
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	1042/201017	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	· · · · · · · · · · · · · · · · · · ·	,		N/A	¢ .
FEDERAL PELL GRANT PROGRAM	84.048	P063P210261		N/A	3			STUDENT FINANCIAL ASSISTANCE	\$ 424 976 002
FEDERAL PELL GRANT PROGRAM FEDERAL PELL GRANT PROGRAM	84.063 84.063	P063P210261 P063P220259			\$, ,		STUDENT FINANCIAL ASSISTANCE STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM FEDERAL PELL GRANT PROGRAM	84.063	P063P220259 P063P220260			3	14,844		STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM FEDERAL PELL GRANT PROGRAM	84.063 84.063	P063P220260 P063P220261			\$ \$			STUDENT FINANCIAL ASSISTANCE STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM FEDERAL PELL GRANT PROGRAM	84.063 84.063	P063P220261 P063P225258			,		,,	STUDENT FINANCIAL ASSISTANCE	
					\$,			
FEDERAL PELL GRANT PROGRAM	84.063	P063P230259			\$.,, .		STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM	84.063	P063P230260			\$			STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM	84.063	P063P230261			\$,,	,	STUDENT FINANCIAL ASSISTANCE	+,
FEDERAL PELL GRANT PROGRAM	84.063	P063P235258			\$,,		STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM	84.063	P063P240261			\$	924		STUDENT FINANCIAL ASSISTANCE	
FEDERAL PELL GRANT PROGRAM	84.063	P063Q060259			\$	24,980		STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL PELL GRANT PROGRAM	84.063	P063Q065258			\$	13,905	\$ 60,924,913	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL PELL GRANT PROGRAM	84.063	P063Q080260			\$	6,545	\$ 60,924,913	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
FEDERAL PELL GRANT PROGRAM	84.063	P063Q100261			\$	12,755	\$ 60,924,913	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	P116Q220003				\$ 120,657	\$ 4,553,921	N/A	\$ -
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	P116Z230069				\$ 3,000,000		N/A	\$ -
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	P116Z230079				\$ 1,433,264	\$ 4,553,921	N/A	\$ -
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	04.400		COMMONWEALTH OF KENTUCKY	PON2 531 2300000021		\$ 99	4 75.007		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO	84.126		COMMONWEALTH OF KENTUCKY	PON2 531 2300000021		\$ 99 ;	\$ 75,997	N/A	\$ -
STATES	84.126		COMMONWEALTH OF KENTUCKY	2300003416		\$ 37,737	\$ 75,997	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		UNIVERSITY OF OKLAHOMA	DRS PRE-ETS FY24		\$ 38.161	\$ 75.997	RESEARCH AND DEVELOPMENT	\$ 270.848.033
BUSINESS AND INTERNATIONAL EDUCATION PROJECTS	84.153	P153A210012	UNIVERSITY OF OKLAHOWA	DR3 PRE-E13 F124		\$ 18,831		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES	84.181	1133/1110011	TENNESSEE EARLY INTERVENTION SERVICES	PO 34401-0000090149		\$ 1,308		N/A	\$ 270,040,033
SCHOOL SAFELY NATIONAL ACTIVITIES	84.184	S184X230131				\$ 238,225	, , , , , , , , , , , , , , , , , , , ,	N/A	\$ -
SCHOOL SAFELY NATIONAL ACTIVITIES	84.184	S184X230103				\$ 386,845		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180051				\$ 43,193		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180061				\$ 9,261		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180066				\$ 8,264		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200 84.200	P200A180071 P200A180095				\$ 70,864 : \$ 80,565 :		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180095 P200A210017				\$ 80,565 : \$ 168.817 :		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210017 P200A210083				\$ 70,912		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210100				\$ 277.141		RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210121				\$ 90,147	\$ 854,806	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210130				\$ 35,642	\$ 854,806	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRIO STUDENT SUPPORT SERVICES	84.217	P217A170201				\$ (35,270)	\$ 261,170	TRIO CLUSTER	\$ 1,242,118
TRIO STUDENT SUPPORT SERVICES	84.217	P217A220286				\$ 296,440		TRIO CLUSTER	\$ 1,242,118
FEDERAL DIRECT STUDENT LOANS	84.268	DIRECT LOANS				\$ 335,197,930	, ,	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A170180			450 705	\$ 116,105		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305 84.305	R305A180111			158,795			RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305 84.305	R305A200111 R305A200297		3	4,627	\$ 246,693 S		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A210126				\$ 388.371 S	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A210212				\$ 437,730	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A210321		5	\$ 38,599			RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A220322				\$ 305,024		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305C190014		5	\$ 410,073	\$ 1,194,675	\$ 5,238,091	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305D210032		5	\$ 45,071		, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305D210044				\$ 336,675		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		AMERICAN INSTITUTE FOR RESEARCH	0501100002		\$ 23,217	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH. DEVELOPMENT AND DISSEMINATION	84.305 84.305		SRI INTERNATIONAL UNIVERSITY OF SOUTH FLORIDA	30755 1776-1082		\$ 256,383 \$ 28.434		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848.033
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305 84.305		UNIVERSITY OF SOUTH FLORIDA UNIVERSITY OF VIRGINIA	AWD-004144 GR100616		\$ 28,434 ; \$ 97,473 ;	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324	R324A190046	ONVERSITY OF VINGINIA	AVID-004144 GN100010	\$ 224,269			RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324	R324A200234			,	\$ 227,908	\$ 1,736,215	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324	R324B230012				\$ 95,690	\$ 1,736,215	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324	R324X220102		5	\$ 493,985	\$ 826,653	\$ 1,736,215	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324		AMERICAN INSTITUTE FOR RESEARCH	048000001		\$ 117,491	, , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF LOUISVILLE	ULRF_19-0195-02		\$ 170,455	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5115068		\$ 5,494		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH IN SPECIAL EDUCATION RESEARCH IN SPECIAL EDUCATION	84.324 84.324		UNIVERSITY OF OREGON UNIVERSITY OF SOUTH FLORIDA	2252Y0B		\$ 70,411 ; \$ 19.815 ;		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
RESEARCH IN SPECIAL EDUCATION RESEARCH IN SPECIAL EDUCATION	84.324 84.324		UNIVERSITY OF SOUTH FLORIDA UNIVERSITY OF WISCONSIN MADISON	5810-1025-00-A 0000000255		\$ 19,815 ; \$ 41,297 ;		RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES	04.524		SWEIST OF WISCONSIN WILLISON	000000233		, ,,,,,,	2,750,215	NESE INCIVING BEVEEN MENT	\$ 270,040,033
AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325D190033				\$ 400,864	\$ 1,025,304	N/A	\$ -
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES									
AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325K210082				\$ 303,555	\$ 1,025,304	N/A	\$ -
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE									
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		NOTHERN ILLINOIS UNIVERSITY	G1B66881/23-567-01		\$ 21,748	\$ 1,025,304	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE									
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		UNIVERSITY OF TEXAS AUSTIN	SUB00000234		\$ 299,137	\$ 1,025,304	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SPECIAL EDUCATION TECHNICAL ASSISTANCE AND DISSEMINATION TO									
IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326		UNIVERSITY OF OREGON	000282070K		\$ 411,090	\$ 711,631	N/A	\$ -
SPECIAL EDUCATION TECHNICAL ASSISTANCE AND DISSEMINATION TO									
IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326		UNIVERSITY OF OREGON	225340D		\$ 300,541	\$ 711,631	N/A	\$ -
SPECIAL EDUCATION EDUCATIONAL TECHNOLOGY MEDIA, AND									
MATERIALS FOR INDIVIDUALS WITH DISABILITIES	84.327		UNIVERSITY OF KANSAS	FY2023-001		\$ 38,588	\$ 38,588	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335	P335A180302				\$ 23,886	\$ 205,396	N/A	\$ -
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335	P335A230058				\$ 181,510	\$ 205,396	N/A	\$ -
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY									
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$ 15 ;		N/A	\$ -
COMPREHENSIVE LITERACY DEVELOPMENT COMPREHENSIVE LITERACY DEVELOPMENT	84.371 84.371		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$ 606,275 \$ 831,707		N/A N/A	\$ -
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION	64.3/1		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$ 831,707	2 1,437,982	N/A	ş -
GRANTS (TEACH GRANTS)	84.379	P379T230261				\$ (780) :	\$ 327.356	STUDENT FINANCIAL ASSISTANCE	\$ 434.876.002
						, (700)	, 52.,550		,

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	ldentifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION									
GRANTS (TEACH GRANTS)	84.379	P379T235258			\$	1,886 \$	327,356	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION	04.070	00707040050			\$	51.850 S	327.356	STUDENT FINANCIAL ASSISTANCE	4 404 075 000
GRANTS (TEACH GRANTS) TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION	84.379	P379T240259			\$	51,850 \$	327,356	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
GRANTS (TEACH GRANTS)	84.379	P379T240261			Ś	217,819 \$	327,356	STUDENT FINANCIAL ASSISTANCE	\$ 434 876 002
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION	04.575	13731240202			Ť	217,015 \$	327,330	310521111111111111211213337711102	Ç 434,070,00 <u>2</u>
GRANTS (TEACH GRANTS)	84.379	P379T245258			\$	56,581 \$	327,356	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES									
INTO HIGHER EDUCATION	84.407	P407A200051			\$	430,813 \$	492,240	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL									
DISABILITIES INTO HIGHER EDUCATION	84.407		UNIVERSIT OF MASSACHUSETTS	UMBOS-11838	\$	61,427 \$	492,240	N/A	\$ -
POSTSECONDARY EDUCATION SCHOLARSHIPS FOR VETERAN'S DEPENDENTS	84.408	P408A230259			Ś	6.973 \$	6.973		4 404 077 000
EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN	84.408	P408A230259			\$	6,973 \$	6,973	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
INNOVATION (I3) FUND)	84.411	S411B210031		Ś	46,495 \$	1,692,835 \$	5.146.096	RESEARCH AND DEVELOPMENT	\$ 270.848.033
EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN	04.422	54110210031		Ť	40,455 \$	1,032,033 \$	3,140,030	NESE/MENT/MO DE VEES/MENT	\$ 270,040,033
INNOVATION (I3) FUND)	84.411	S411B230031		\$	25,000 \$	108,545 \$	5,146,096	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN									
INNOVATION (I3) FUND)	84.411	S411C200078		\$	792,952 \$	1,192,804 \$	5,146,096	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN									
INNOVATION (I3) FUND)	84.411	S411C210101		\$	294,604 \$	580,827 \$	5,146,096	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN INNOVATION (13) FUND)					750 400 4			0505 1001 1110 05151 001 1515	4 272 242 222
	84.411	U411C180114		\$	758,189 \$	1,180,939 \$	5,146,096	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN INNOVATION (13) FUND)	84.411		SOUTHERN METHODIST UNIVERSITY	G002048	Ś	390.146 S	5.146.096	RESEARCH AND DEVELOPMENT	\$ 270.848.033
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423	U423A180058	SOUTHERN WETHOUST ON VERSITT	\$	109,564 \$	209,252 \$	-, -,	N/A	\$ -
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423		UNIVERSITY OF TEXAS ARLINGTON	2022GC0707	\$	68,761 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	S425U210021	\$	16 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COVID-19 - EDUCATION STABILIZATION FUND	84.425D	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	\$	212,176 \$	212,176	N/A	\$ -
COVID-19 - EDUCATION STABILIZATION FUND	84.425U	COVID-19	HAZELWOOD MISSOURI SCHOOL DISTRICT	N/A	\$	192,914 \$		N/A	\$ -
COVID-19 - EDUCATION STABILIZATION FUND	84.425U	COVID-19	HAZELWOOD MISSOURI SCHOOL DISTRICT	N/A	\$	166,929 \$		N/A	\$ -
MAINTENANCE OF THE OKLAHOMA PRE-ETS SYSTEM	84.RD	DRS PRE-ETS FY23	UNIVERSITY OF OKLAHOMA	DRS PRE-ETS FY23	\$	925 \$	925	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TOTAL DEPARTMENT OF EDUCATION				ė	3,402,223 \$	433,314,540			
				<u>-</u>	3,402,223 3	433,314,340			
DELTA REGIONAL AUTHORITY									
DELTA AREA ECONOMIC DEVELOPMENT	90.201	MO-54462			Ś	95,423 \$	95.423	RESEARCH AND DEVELOPMENT	\$ 270.848.033
TOTAL DELTA REGIONAL AUTHORITY					•	,	,		+ =,,
					\$	95,423			
DEPARTMENT OF HEALTH AND HUMAN SERVICES					_				
DEPARTMENT OF HEALTH AND HUMAN SERVICES									
SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART B, GRANTS FOR									
SUPPORTIVE SERVICES AND SENIOR CENTERS	93.044	SDRM1-0000006779	CONNECTICUT AGING AND DISABILITY SERVICES	SDRM1-0000006779	Ś	2,130 \$	2.130	AGING CLUSTER	\$ 2.130
SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II,									
DISCRETIONARY PROJECTS	93.048	90NWGV0007-01-00		\$	50,000 \$	264,002 \$	415,211	N/A	\$ -
SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II,									
DISCRETIONARY PROJECTS	93.048	90NWPH0032-01-00			\$	70,093 \$	415,211	N/A	\$ -
SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II,									
DISCRETIONARY PROJECTS NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E	93.048 93.052		JEWISH FEDERATION OF NORTH AMERICA CONNECTICUT AGING AND DISABILITY SERVICES	F-19 7485	\$	81,116 \$		N/A	\$ -
NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E	93.052		MID AMERICA REG COUNCIL (MARC)	7485 2022-UMKC \$	(4.798) \$	865 \$ (3.443) \$,	N/A N/A	\$ -
NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E	93.052		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	AWD10000113	(4,736) \$	25,561 \$,	N/A	\$.
SEXUAL RISK AVOIDANCE EDUCATION	93.060	90SR0068-01-00	ONVERSITY OF KANSAS WILDICAL CENTER RESEARCH INSTITUTE, INC.	AWD10000113	ŝ	(325) \$		N/A	\$ -
SEXUAL RISK AVOIDANCE EDUCATION	93.060	90SR0131			\$	216,982 \$		N/A	\$ -
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220052076	\$	339,031 \$		N/A	\$ -
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240055229	\$	36,643 \$		N/A	\$ -
MEDICARE ENROLLMENT ASSISTANCE PROGRAM	93.071	2202MOMIDR-01			\$	93,630 \$		N/A	\$ -
LIFESPAN RESPITE CARE PROGRAM	93.072		NEW YORK STATE OFFICE OF AGING	T-220146	\$	1,498 \$	1,498	N/A	\$ -
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESFARCH			THE PROPERTY OF THE VALUE OF TH	SA0001316		20.500 4	20.500	***	
KESEAKCH	93.080		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0001316	\$	20,580 \$	20,580	N/A	\$ -
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	93.084	U01CK000671			Ś	239,445 \$	239,445	RESEARCH AND DEVELOPMENT	\$ 270.848.033
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD	33.004	001CK000071			,	259,445 3	239,443	RESEARCH AND DEVELOPMENT	\$ 270,040,033
GRANTS	93.086	90ZB0020-01-00			\$	295 \$	1,215,273	N/A	\$ -
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD							, ,	•	
GRANTS	93.086	90ZB0020-02			\$	(201) \$	1,215,273	N/A	\$ -
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD								•	
GRANTS	93.086	90ZB0020-03		\$	256,635 \$	507,581 \$	1,215,273	N/A	\$ -
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD									
GRANTS	93.086	90ZB0020-04-00		\$	353,045 \$	707,598 \$		N/A	\$ -
ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE	93.087		PREFERRED FAMILY HEALTHCARE	N/A	\$	240,695 \$	240,695	N/A	ş -
ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088		JSI RESEARCH AND TRAINING INSTITUTE INC	23090	s	5,817 \$	5.817	N/A	٠.
FOOD AND DRUG ADMINISTRATION RESEARCH	93.088	75F40122C00183	JOI NEDEMNUT AIND TRAINING INSTITUTE INC	23090 \$	343.673 \$	5,817 \$ 388.418 \$		N/A RESEARCH AND DEVELOPMENT	\$ 270.848.033
	55.205	, J01LLC0010J		,	343,073 \$	300,410 3	010,203		- 270,040,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103	R13FD007554	nume of runder russ rinough Entity	runuci russ rinough Entity	è è	41.695		RESEARCH AND DEVELOPMENT	\$ 270.848.033
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103	U18FD006670			,	28.293		RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD AND DRUG ADMINISTRATION RESEARCH					\$				\$ 270,848,033
	93.103	U18FD007511			\$	54,261	,	RESEARCH AND DEVELOPMENT	+,
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103	U18FD007720			\$	61,155		RESEARCH AND DEVELOPMENT	\$ 270,848,033
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103		MISSOURI DEPARTMENT OF AGRICULTURE	N/A	\$	44,381	\$ 618,203	N/A	\$ -
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR									
CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		ST LOUIS MENTAL HEALTH BOARD	20-025SOC	\$	25,997	\$ 82,995	N/A	\$ -
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR									
CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		ST LOUIS MENTAL HEALTH BOARD	21-116SOC	\$	1,920	\$ 82,995	N/A	\$ -
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR									
CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		ST LOUIS MENTAL HEALTH BOARD	24-039SOC-C	Ś	55.078	\$ 82,995	N/A	\$ -
AREA HEALTH EDUCATION CENTERS	93.107		A.T. STILL UNIVERSITY	U77-HP-03042	Ś	81,293		N/A	ς .
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	T73MC00022	A.I. SHEE ONIVERSITY	077-117-03042	\$	527,549		N/A	
WATERINAL AND CHIED HEALTH FEDERAL CONSOLIDATED PROGRAWS	93.110	173WC00022			>	527,549	2,070,675	N/A	\$ ·
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		IOWA DEPARTMENT OF HEALTH	5883MH41	\$	57	\$ 2,070,675	N/A	\$ -
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201	\$ 87,472 \$	666,115	\$ 2,070,675	N/A	\$ -
								,	Ť
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201 PA 24001 FY24	\$	35,550	\$ 2,070,675	N/A	\$ -
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201 PA24001 FY24	\$ 56,343 \$	103,764	\$ 2,070,675	N/A	\$ -
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201 PA24002 FY24	\$ 101,500 \$	642,411	\$ 2,070,675	N/A	\$ -
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201 PA24003 FY24	\$ 43,259 \$	74,372	\$ 2,070,675	N/A	\$ -
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	02.410		HARDER OF TEVACUEAUTY CONTROL OF THE ATT ON	640000455		20.05-	é 2.070.0T-	***	
	93.110		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0002465	\$	20,857		N/A	\$ -
ENVIRONMENTAL HEALTH	93.113	R01ES021007			\$ 115,802 \$	281,913		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL HEALTH	93.113	R01ES026200			\$	40,979	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL HEALTH	93.113	R01ES032452			\$	321,272	\$ 948,362	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL HEALTH	93.113	R21ES031645			\$	140,901	\$ 948,362	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL HEALTH	93.113		BROWN UNIVERSITY	00001602	\$	23,313	\$ 948,362	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ENVIRONMENTAL HEALTH	93.113		MISSISSIPPI STATE UNIVERSITY	RC113197C	Ś	139,984	\$ 948,362	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	fR01DE022971			\$ 225,309 \$	662,536		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	K99DF032363			¢ 225,505 \$	64.448		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027049			Ś	136,736	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027879			,	377,704		RESEARCH AND DEVELOPMENT	\$ 270,848,033
					,				
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027884			\$	39,716		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE029808			\$	218,271		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE029833			\$ 158,102 \$	661,582	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE032032			\$ 49,580 \$	617,020		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE032540			\$	66,950	\$ 3,304,108	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE033583			\$	75,843	\$ 3,304,108	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R03DE031388			\$	124,277	\$ 3,304,108	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R03DE033729			Ś	32,467		RESEARCH AND DEVELOPMENT	\$ 270.848.033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R21DE032560			\$ 5,456 \$	181.754	\$ 3,304,108	RESEARCH AND DEVELOPMENT	\$ 270.848.033
ORAL DISEASES AND DISORDERS RESEARCH	93.121	HEIDEOJEJOO	UNIVERSITY OF TENNESSEE	24-1154	5,450 \$	44,941	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF TEXAS MD ANDERSON CANCERN CENTER	3002011195	Ś			RESEARCH AND DEVELOPMENT	\$ 270,848,033
NURSE ANESTHETIST TRAINEESHIP		40011004000	DIVIVERSITY OF TEXAS WID ANDERSON CANCERN CENTER	3002011193	,	(137) ; 31.207 ;			
	93.124	A22HP31006						N/A	\$ -
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127	H33MC31623			\$ 10,000 \$	141,764	\$ 141,764	N/A	\$ -
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS									
	93.136	R01CE003456			\$ 139,947 \$	183,503	\$ 2,142,772	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210048770-03	\$	87,522	\$ 2,142,772	N/A	\$ -
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049733	Ś	52,877	\$ 2,142,772	N/A	\$ -
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND								,	,
COMMUNITY BASED PROGRAMS INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049928	\$	110,421	\$ 2,142,772	N/A	\$ -
COMMUNITY BASED PROGRAMS INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051617	\$	57,607	\$ 2,142,772	N/A	\$ -
COMMUNITY BASED PROGRAMS INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051703	\$	1,252,301	\$ 2,142,772	N/A	\$ -
COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054767	\$	124,509	\$ 2,142,772	N/A	\$ -
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240055302	\$	63,181	\$ 2,142,772	N/A	\$ -
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240055396	\$	20,790	\$ 2,142,772	N/A	\$ -
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2024-001	\$	11,684	\$ 2,142,772	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5130408	\$	135,216	\$ 2,142,772	RESEARCH AND DEVELOPMENT	\$ 270,848,033
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		UNIVERSITY OF PENNSYLVANIA	577761	\$	43,161	\$ 2,142,772	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143	R13ES035296			\$	60			\$ 270,848,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145	,	UNIVERSITY OF ILLINOIS AT CHICAGO	17460	\$	321 5		N/A	\$.
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO	19509	ç	11.542		N/A	ė .
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO	19510	¢	11,667		N/A	ς.
HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	93.161	R01TS000336			\$ 48.629 \$			RESEARCH AND DEVELOPMENT	\$ 270.848.033
COMMUNITY YOUTH ACTIVITY BLOCK GRANTS	93.171	110213000330	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380083-004	\$ 40,025 \$	52,673		N/A	\$ 270,040,055
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R01DC019661	WISSON SETTIMENT OF SOCIAL SETTIMES	710 (21300005 004	Ś	61,485		RESEARCH AND DEVELOPMENT	\$ 270.848.033
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R21DC019438			Ś	865		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R21DC019952			\$ 9,691 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESERVED TO BEALTESS AND COMMONICATION DISORDERS	33.1/3	K21DC019932			3,031 3	174,309 \$	5 550,021	RESEARCH AND DEVELOPMENT	\$ 270,040,033
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		ARIZONA STATE UNIVERSITY	ASUB00000119	\$	4,187	\$ 396,021	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		HEALTH RESEARCH, INC.	488-01	\$	9,394 \$	\$ 396,021	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		NORTHWEST UNIVERSITY	60058813 UMC	\$	13,999 \$	\$ 396,021	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		UNIVERSITY HOSPITAL BONN	N/A	\$	131,522 \$,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DISABILITIES PREVENTION	93.184	NU27DD000029			\$ 244,391 \$	659,840	\$ 717,050	N/A	\$ -
DISABILITIES PREVENTION	93.184		UNIVERSITY OF ALABAMA BIRMINGHAM	000532514-SC009	\$ 25,000 \$	57,210 \$	\$ 717,050	N/A	\$ -
IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION TRAINING AND CLINICAL SKILLS IMPROVEMENT									
PROJECTS	93.185		UNIVERSITY OF FLORIDA	SUB00003367	\$ 47,260 \$			N/A	\$ -
GRADUATE PSYCHOLOGY EDUCATION	93.191	D40HP33369			\$	1,478	\$ 1,478	N/A	\$ -
TELEHEALTH PROGRAMS	93.211	H2ARH39974			\$	246,405	\$ 285,710	N/A	\$ -
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR16491	\$	6,546	\$ 285,710	N/A	\$ -
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	AWD-0002387	\$	32,759	\$ 285,710	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	R01HS028404			\$ 6,710 \$	434,740	5 756,613	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	R01HS029508			Ś	11.286		RESEARCH AND DEVELOPMENT	\$ 270.848.033
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	R21HS028032			\$	56,819	\$ 756,613	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		OREGON HEALTH SCIENCE UNIVERSITY	1021183 MISSOURI	Ś	253,768		RESEARCH AND DEVELOPMENT	\$ 270.848.033
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HI 153523		· · · · · ·	\$	516.023		RESEARCH AND DEVELOPMENT	\$ 270.848.033
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL153612			Ś	598,756	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL166183			\$	388,554		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		UNIVERSITY OF FLORIDA	SUB00003895	Ś	156,824		RESEARCH AND DEVELOPMENT	\$ 270.848.033
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		UNIVERSITY OF ILLINOIS AT CHICAGO	19353	\$	12,865		RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES		\$ 23,621 \$			N/A	\$ 270,040,033
MENTAL HEALTH RESEARCH GRANTS	93.234	F32MH134481	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050854	\$ 23,021 \$	16,750		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS					\$				\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH061469			\$	331,430 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	,,
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH108559			\$ 25.705 \$	(12) \$	-,,		\$ 270,848,033
	93.242	R01MH114722			\$ 35,705 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH121345			\$ 440,008 \$	576,910 \$, , , , , , , , , , , , , , , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH122023			\$ 207,326 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242	R03MH131969			\$	27,766	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		FLORIDA STATE UNIVERSITY	R000002511	Ş	34,611 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		HENRY M JACKSON FOUNDATION FOR ADVANCEMENT	1060427-6133	\$	52,266	, , , , , , , , , , , , , , , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		JOHNS HOPKINS UNIVERSITY	2005424743	\$	64,988		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380004	\$	75,046		N/A	\$ -
MENTAL HEALTH RESEARCH GRANTS	93.242		PARATECHS CORP	00064264	\$	21,322 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		ROLLINS COLLEGE	250516-45220-03	\$	(9,496)	, , , , , , , , , , , , , , , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		ROLLINS COLLEGE	250516-45220-03-02	\$	25,359		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		TOWSON UNIVERSITY	5030365-16800	\$	6,151	\$ 2,512,033	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	10181sc	\$	13,116		RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF MIAMI	OS00000883	\$	16,924	, , , , , , , , , , , , , , , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF VIRGINIA	AWD-004193.GR101119	\$	87,246	\$ 2,512,033	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	WU-19-324	\$	42,550	\$ 2,512,033	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	WU-22-0309-MOD-2	\$	147,769	\$ 2,512,033	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MENTAL HEALTH RESEARCH GRANTS	93.242		YALE UNIVERSITY	CON-80004343 (GR120169)	\$	549,047	\$ 2,512,033	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SM082871			\$	403,517	\$ 16,406,906	N/A	\$ -
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SM084869			\$	361,604	\$ 16,406,906	N/A	\$ -
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF									
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243	H79SM085050			\$ 74,361 \$	631,858 \$	\$ 16,406,906	N/A	\$ -
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243	H79SM088259			\$	111,697	\$ 16,406,906	N/A	\$ -
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SP081006			\$ 108,940 \$	440,648	\$ 16,406,906	N/A	\$ -
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SP082143			\$	181,243	\$ 16,406,906	N/A	\$ -
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79TI083022			\$ 1,064,393 \$	2,108,254	\$ 16,406,906	N/A	\$ -
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79TI083108			\$	70,978	\$ 16,406,906	N/A	\$ -
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79TI084712			\$	55,153	\$ 16,406,906	N/A	\$ -

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	ldentifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster To	otal
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79TI086772			Ś	138,995	\$ 16,406,906	N/A	Ś	_
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	UR1TI080205			\$ 305 \$	870,542	\$ 16,406,906	N/A	s	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF									•	
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243	H79SM082871			\$	** -,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	RESEARCH AND DEVELOPMENT	\$ 270,848,	,033
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		45TH JUDICIAL CIRCUIT OF MISSOURI	N/A	\$	156,017	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		9TH JUDICIAL CIRCUIT OF MISSOURI	N/A	\$	220,056	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	PCSSMAT19-5-NCE	\$	5,264	\$ 16,406,906	N/A	\$	-
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	PCSSMOUD-1	\$	50,709	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	SOR/TOR-22-1	\$ 1,880,657 \$	2,718,773	\$ 16,406,906	N/A	Ś	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY		\$ 2,761,541 \$			N/A	·	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF									\$	•
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		COMMUNITY PARTERNSHIP OF THE OZARKS	N/A	\$	25,327	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		DEPRESSION BIPOLAR SUPPORT ALLIANCE	N/A	\$	44,222	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		IN2ACTION	N/A	\$	4,114	\$ 16,406,906	N/A	\$	-
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		IOWA STATE UNIVERSITY	026629A	\$	207,734	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		KANSAS HEALTH CARE CENTER	N/A	\$	57,786	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MID AMERICA PREVENTION TECH TRANSFER CENTER NE	N/A	S	8,106	\$ 16,406,906	N/A	ė	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF										-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	\$	32,254	\$ 16,406,906	N/A	Ş	
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ARUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053155	\$	911,892	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380203	\$	31,438	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380031	\$ 76,236 \$	232,360	\$ 16,406,906	N/A	\$	-
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380007	\$	168,387	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC22380024	\$ 135,300 \$	766,731	\$ 16.406.906	N/A	s	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE			MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC24380002	5			N/A		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243							,	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC24380021	\$	67,753	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC24380033	\$	7,471	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOREHOUSE SCHOOL OF MEDICINE	1002-2	\$	10,311	\$ 16,406,906	N/A	\$	-
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOREHOUSE SCHOOL OF MEDICINE	1002-3UMKC	\$	106,035	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOREHOUSE SCHOOL OF MEDICINE	100-1	S	(4,128)	\$ 16,406,906	RESEARCH AND DEVELOPMENT	\$ 270,848,	2,033
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		PREFERRED FAMILY HEALTHCARE	N/A	S			N/A	ė	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF				,		,		,		
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		QUEEN OF PEACE CENTER	N/A	\$	221,440	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		SAINT LOUIS MENTAL HEALTH BOARD	20-026SOC	\$	9,441	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		STANFORD UNIVERSITY	61904509-137362	\$	64,563	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STANFORD UNIVERSITY	61904509-137362Supplement	\$	20,364	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORP	TMC-21-080208	\$	(18,868)	\$ 16,406,906	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORP	TMC-22-080208	Ś	114.462	\$ 16.406.906	N/A	s	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORP	TMC-23-080208	ء د	,	, , , , , , , ,	N/A	\$	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF									,	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		UNIVERISTY OF FLORIDA	SUB00003539	\$	11,477	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243		UNIVERISTY OF FLORIDA	SUB00003954	\$	12,791	\$ 16,406,906	N/A	\$	-
REGIONAL AND NATIONAL SIGNIFICANCE	93.243		UNIVERSIDAD CENTRAL DEL CARIBE	N/A	\$	51,944	\$ 16,406,906	N/A	\$	-

WATER 1999	Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Total Amou Provided to Sub-Recipien	,	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
Marcia			•					•			
Company		93.246		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054066		\$	56,817	56,817	N/A	\$ -
Company Comp	FAMILY PLANNING PERSONNEL TRAINING	93.260	FPTPA006031			\$	8,629 \$	1,216,739	1,216,739	N/A	\$ -
Page	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	U600H012350-02-01			\$ 29	1,555 \$	1,159,205	1,420,268	N/A	\$ -
MANISTER MICHAEL STATE M	OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	U600H012685-01			\$ 2:	2,092 \$	261,063	1,420,268	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Miles Mile	NURSE FACULTY LOAN PROGRAM (NFLP)	93.264	NURSING FACULTY LOANS				\$	5,222,935	5,222,935	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
Company Comp	IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054847		\$	64,744	64,744	N/A	\$ -
Process Proc	ALCOHOL RESEARCH PROGRAMS	93.273	F31AA029948				\$	38,054	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Content	ALCOHOL RESEARCH PROGRAMS	93.273	F31AA029949				\$	20,655	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Control Cont	ALCOHOL RESEARCH PROGRAMS	93.273	F31AA030210				\$	40,636	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Control Proposed 1997 Control Proposed	ALCOHOL RESEARCH PROGRAMS	93.273	K08AA028543				\$	157,103	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Control Cont	ALCOHOL RESEARCH PROGRAMS	93.273	K23AA026895				\$	218,642	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MINISTRAM 19,000	ALCOHOL RESEARCH PROGRAMS	93.273	K23AA029729				\$	153,989	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
METALES META	ALCOHOL RESEARCH PROGRAMS	93.273	K99AA029169				\$	164,278	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
March Marc	ALCOHOL RESEARCH PROGRAMS	93.273	R01AA019546				\$	(12,397) \$	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
Process	ALCOHOL RESEARCH PROGRAMS	93.273	R01AA021510				\$	14,946	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACCORDANS 1,77	ALCOHOL RESEARCH PROGRAMS	93.273	R01AA025451				\$	122,866	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MONTH MONT	ALCOHOL RESEARCH PROGRAMS	93.273	R01AA027824			\$ 7	1,253 \$	611,966	2,915,832	RESEARCH AND DEVELOPMENT	\$ 270,848,033
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Manual M	ALCOHOL RESEARCH PROGRAMS		R34AA029132			\$ 50	6,203 Ś	. ,	,,	RESEARCH AND DEVELOPMENT	,
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DISCOVERY AND APPLED RESEARCH FOR TECHNOLOGICAL INNOVATIONS 10 MRROVE HUMAN HEALTH 93.286 8018024408 5 271,871 5 2,389,846 RESEARCH AND DEVELOPMENT 5 270,848,033 DISCOVERY AND APPLED RESEARCH FOR TECHNOLOGICAL INNOVATIONS 70 MRROVE HUMAN HEALTH 93.286 R01803379 801803		93.286	U01HL152410			\$ 2	2.939 \$	25.787	2.389.846	RESEARCH AND DEVELOPMENT	\$ 270.848.033
TO IMPROVE HUMAN HEALTH		33.200	001112132410			2	2,555 \$	23,707	2,303,040	NESE/MENT/MIS SEVEES/MENT	\$ 270,040,033
DISCOVERY AND APPLED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH 93.286 R01E0332699 87.289,846 R01E0332699 R01E033269 R01E0332699 R01E		93,286	R01EB024408				Ś	271.871	2.389.846	RESEARCH AND DEVELOPMENT	\$ 270.848.033
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DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH 93.286 R21E036560 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 \$ 270,			00450004507					E 40 000 A		255512511122251515151515	4 272 242 222
TO IMPROVE HUMAN HEALTH 93.26 R21E0326560 \$ 2,389,846 RESERCH AND DEVELOPMENT \$ 270,848,033		93.286	R01EB034607				\$	542,386 \$	2,389,846	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033											
TO IMPROVE HUMAN HEALTH 93.28 R21E034085 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033		93.286	R21EB026560				\$	(3,020) \$	2,389,846	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH 93.26 R56E034685 \$ 51,724 \$ 281,053 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH 93.26 UNIVERSITY OF CALIFORNIA SAN DIEGO R01E032417 \$ 6,402 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH 93.26 UNIVERSITY OF PITTSBURGH AWD00002479 (135218-1) \$ 20,848,033 RACIAL AND ETHINIC APPROACHES TO COMMUNITY HEALTH 93.307 ROMDO12815 WINDRITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 ROMDO12815 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 ROMDO12815 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,371 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,375 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,377 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,377 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,377 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,377 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 3,377 \$ 5,47,69 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH \$ 280,803 ***CARRELL AND DEVELOPMENT \$ 270,848,033 ***CARRELL AND											
TO IMPROVE HUMAN HEALTH 93.26 R56B034685 \$ \$1,724 \$ 281,053 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL IMPOVATIONS TO IMPROVE HUMAN HEALTH 93.26 UNIVERSITY OF CALIFORNIA SAN DIEGO RO1EB032417 \$ \$ 6,402 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL IMPOVATIONS TO IMPROVE HUMAN HEALTH 93.26 UNIVERSITY OF PITTSBURGH AWD00002479 [135218-1] \$ \$ (2) \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 RACIAL AND ETHINIC APPROACHES TO COMMUNITY HEALTH 93.26 UNIVERSITY OF PITTSBURGH AWD00002479 [135218-1] \$ \$ 226,948 \$ 325,655 \$ 325,655 \$ N/A \$ \$ \$ 6,402 \$ \$ 171,384 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO1MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 RO2MD012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH		93.286	R21EB034085				\$	20,897	2,389,846	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH 93.28 UNIVERSITY OF CALIFORNIA SAN DIEGO R01E8032417 **S 6,402 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 NIVERSITY OF PITTSBURGH AWD00002479 (135218-1) \$ 226,948 \$ 325,655 \$ 325,655 N/A **S 171,348 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00MOD12815 **S 4,022 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00MOD12815 **S 4,021 \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00MOD12815 **S 4,021 \$ 256,99 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00MOD12815 **S 4,022 \$ 256,99 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00MOD12815 **S 4,022 \$ 2,569,9 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00MOD12815 **S 4,022 \$ 256,99 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 **ROMEDIAL THE AND THE A									_		
INNOVATIONS TO IMPROVE HUMAN HEALTH 93.286		93.286	R56EB034685			\$ 5	1,724 \$	281,053	2,389,846	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL UNIVERSITY OF PITTSBURGH AWD00002479 (135218-1) \$ (2) \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 RACIAL AND ETHING APPROACHES TO COMMUNITY HEALTH 93,304 NUSSDP007644 \$ 226,984 \$ 325,655 \$ N/A \$ - MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93,307 K23MODI6168 \$ 171,384 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93,307 R00MD012815 \$ 40,924 \$ 256,99 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93,307 R01MD012815 \$ 40,924 \$ 256,98 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033											
INNOVATIONS TO IMPROVE HUMAN HEALTH 93.286 UNIVERSITY OF PITTSBURGH AWD00002479 (135218-1) \$ (2) \$ 2,389,846 RESEARCH AND DEVELOPMENT \$ 270,848,033 RACIAL AND ETHNIC APPROACHES TO COMMUNITY HEALTH 93.304 NUSSEPD007644 \$ 325,655 \$ 325,655 N/A \$ - MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 K23MD016168 \$ 171,384 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 R00MD012815 \$ 40,924 \$ 26,939 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 R21MD017029 R21MD017029 \$ 40,924 \$ 26,939 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033		93.286		UNIVERSITY OF CALIFORNIA SAN DIEGO	R01EB032417		\$	6,402 \$	2,389,846	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RACIAL AND ETHNIC APPROACHES TO COMMUNITY HEALTH 93.304 NUSB0P007644 \$ 226,984 \$ 325,655 \$ 325,655 N/A \$ 594,769 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 K23M0016168 \$ 171,384 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,884,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R00M0012815 \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 R21M0017029 \$ 40,924 \$ 256,989 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033											
MINORITY HEALTH AND HEALTH AND HEALTH CONTROL \$ 171,384 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 ROMMOLIZEIS \$ 43,171 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.07 RESEARCH PARTIES RESEARCH 93.07 RESEARCH P				UNIVERSITY OF PITTSBURGH	AWD00002479 (135218-1)			. , ,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 ROOMD012815 \$ 43,171 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033 MINORITY HEALTH AND HE		93.304				\$ 22	6,984 \$	325,655	325,655		\$ -
MINORITY HEALTH AND HEALTH AND HEALTH DISPARITIES RESEARCH 93.307 R21MD017029 \$ 40,924 \$ 256,399 \$ 594,769 RESEARCH AND DEVELOPMENT \$ 270,848,033	MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	K23MD016168				\$	171,384	594,769	RESEARCH AND DEVELOPMENT	\$ 270,848,033
T		93.307					\$	43,171	594,769	RESEARCH AND DEVELOPMENT	\$ 270,848,033
		93.307	R21MD017029			\$ 41	0,924 \$	256,399	594,769	RESEARCH AND DEVELOPMENT	\$ 270,848,033
	MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307					\$	92,041	594,769	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	·	WASHINGTON UNIVERSITY	WU-23-0227-MOD-1	,	31,774	\$ 594,769	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310	R03TR004450			\$	90,985	\$ 3,722,916	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310	U01HL152410			\$ 569,869 \$	742,014	\$ 3,722,916	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310	U01MD018310			\$ 71,060 \$	417,279	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310	R01DK124664			\$ 9,426 \$	296,069	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310	U42OD027090			\$ 106,218 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310		ADDICTION POLICY FORM	N/A	\$	7,657		RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ230052988	\$	7,900	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
TRANS-NIH RESEARCH SUPPORT	93.310		OREGON HEALTH SCIENCE UNIVERSITY	1012396_UMISSOURI	\$	37,309	\$ 3,722,916	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OUTREACH PROGRAMS TO REDUCE THE PREVALENCE OF OBESITY IN HIGH RISK RURAL AREAS	02.240	NULFORDOGTOC				245 245	÷ 245.245	N/A	
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS	93.319	NU58DP007336			\$	245,315	\$ 245,315	N/A	\$ -
DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	53696	5	92,524	\$ 982,053	N/A	Ś -
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS	33.323		INISSOURI DEPARTMENT OF HEALTH AND SERVICES	33030	÷	32,324	3 302,033	N/A	, .
DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050722	5	129,011	\$ 982,053	N/A	Ś -
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS	33.323		MISSOURI BELLITATION TIETETTATION SERVICES	5/1220030722	,	113,011	302,033		*
DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053126	5	718.206	\$ 982.053	N/A	Ś -
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS						,	,	-4	•
DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053515	5	42,312	\$ 982,053	N/A	Ś -
STATE HEALTH INSURANCE ASSISTANCE PROGRAM	93.324		KNOWLEDGE MANAGEMENT ASSOCIATION	N/A	, S			N/A	\$ -
COOPERATIVE AGREEMENT TO SUPPORT NAVIGATORS IN FEDERALLY-									
FACILITATED EXCHANGES	93.332		AGING MATTERS	200402-01	٤	4	\$ 4	N/A	\$ -
THE HEALTHY BRAIN INITIATIVE: TECHNICAL ASSISTANCE TO									
IMPLEMENT PUBLIC HEALTH ACTIONS RELATED TO COGNITIVE									
HEALTH, COGNITIVE IMPAIRMENT, AND CAREGIVING AT THE STATE									
AND LOCAL LEVELS	93.334		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054323	\$	111,067	\$ 111,067	N/A	\$ -
BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM	93.336		IDAHO DEPARTMENT OF HEALTH AND WELFARE	HC1832,HC341200	\$	605,749	\$ 605,749	N/A	\$ -
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS									
AND LOANS FOR DISADVANTAGED STUDENTS	93.342	HEALTH PROFESSION LOANS			\$	17,028,370	\$ 18,550,424	STUDENT FINANCIAL ASSISTANCE	\$ 434,876,002
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS									
AND LOANS FOR DISADVANTAGED STUDENTS	93.342	NS FOR DISADVANTAGED STUDENTS			\$	1,522,054		STUDENT FINANCIAL ASSISTANCE	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		CHILDRENS MERCY HOSPITAL	42059123	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		DUKE UNIVERSITY	A034559; 266338	\$., .		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	AWD-0002609	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR17012	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR505616	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR505616-1	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR505621	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	UL1 TR002366	\$	24,630		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-18-374	\$	80		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-360	Ş	55		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350 93.350		WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY	WU-19-368 WU-22-0489	٥	(46) 66.454		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY	WU-22-0489 WU-23-0032	Ş	,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY	WU-23-0491	, ,			RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0491 WU-23-0492	5			RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0497	5			RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0533				RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-24-0443	5	,	,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-24-0461	5			RESEARCH AND DEVELOPMENT	\$ 270.848.033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-24-0475	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-24-0479	\$	7,002	\$ 537,386	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	S100D032451			\$	1,004,451	\$ 9,193,334	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	P400D011062			\$	1,612,291		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R010D035561			\$	471,887	\$ 9,193,334	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R24OD030214			\$ 157,125 \$	696,069	\$ 9,193,334	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	S100D032373			\$	(726)	\$ 9,193,334	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	T32OD011126			\$	262,103	\$ 9,193,334	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD010918			\$	1,872,371	\$ 9,193,334	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD011140			\$	3,095,848		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD035738			\$	77,340		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		IOWA STATE UNIVERSITY	022042A	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		TEXAS STATE UNIVERSITY	22033-84014-1	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CONSTRUCTION SUPPORT	93.352	C060D034111-01			\$	342,135		RESEARCH AND DEVELOPMENT	\$ 270,848,033
21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	93.353	U01CA244314			\$	714,006	\$ 714,006	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT									
FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		CABARRUS HEALTH ALLIANCE	N/A	\$	47,316	\$ 1,828,327	N/A	\$ -
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT									
FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		MASSACHUSETTS DEPARTMENT OF HEALTH	INTF6420HH4226732040	\$	194,728	\$ 1,828,327	N/A	\$ -
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT									
FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052608	\$	1,517,927	\$ 1,828,327	N/A	\$ -

CANCER TREATMENT RESEARCH	Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	ldentifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
Property										
Part		02 254		VIRGINIA DEPARTMENT OF HEALTH	52242200186	ć	69 256	¢ 1 929 227	DESEABLE AND DEVELOPMENT	¢ 270 949 022
March Marc		33.334		VINGINIA DEPARTMENT OF FIELETT	32272300180	,	00,330	5 1,020,327	NESEANCH AND DEVELOT WENT	\$ 270,040,033
AND STATE		93.360	IDSEP190056			\$	100,776	\$ 101,171	N/A	\$ -
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Property				STRATATECH CORP	STRATA2016					+,,
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MOREOUR AND PROFESSOR (MINES) MOREOUR STATE AND PROPERTY IN TRANSPORT (MINES) MOREOUR STATE AND PROPERTY IN THE SAME AN						¢		, , , , , , ,		, ,
MINISTRA 1998 MINISTRA			A11AX000010-01	MISSOLIDI DEDARTMENT DE HEALTH AND SENIOR SERVICES	DH220052505					\$ 270,040,033
Column C									,	\$.
MEDICAN PERSONNEL PRIVATE PR		33.307		WISSOUN DEPARTMENT OF TEACHTAIND SENIOR SERVICES	D11230033210	,	155,451	227,722	1976	,
TRESTORAL PROTEST PARTY TO SPECT TO SPE	TERRITORIAL (STLT) HEALTH DEPARTMENT RESPONSE TO PUBLIC	93.391	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051452	\$	949,629	\$ 1,939,410	N/A	\$ -
TRESTORAL PROTEST PARTY TO SPECT TO SPE	COVID-19 - ACTIVITIES TO SUPPORT STATE, TRIBAL, LOCAL AND									
Control of Support Trial, Trials, LOCAL MODITION Support Trial, Trial, LOCAL MODITION Support Trial, LO										
RECORD STATE OF THE PROPERTY OF THE ALT PARTS STRONG SERVICES \$1,21.07 \$ \$1,23.07 \$		93.391	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051559	\$ 150,150 \$	637,603	\$ 1,939,410	N/A	\$ -
ACTIVITED TO PROTESTED TRATE, TRAILAL, CLA AND TRAINED TO PROTESTED TRAILAL, CLA AND TRAILAL CONTROL AND T										
MISCURE TO DEPOSIT TOT, TRAIN, LOAD AND TRAINING LEADING 1938										
STATE STAT		93.391	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051705	Ş	152,192	\$ 1,939,410	N/A	ş -
MISSING FORCES 5 23 23 23 23 23 23 23										
CANCE PLUSIA ON PRESENTIN PLEASERS 9,193 SAME AND AND ONLY DIMENSION ON PRESENTIN PLANE AND					011000050054		400.000	4 4000440	****	
MARKE ALLES AND PRESENTION RESEARCH 9.139 WINSERSON PRESENTION RESEARCH 9.130 WINSERSON PRESENTANT RESEARCH 9.130							,	, , , , , ,	,	\$ -
CHICATE CLASIF AND PROPERTY PROPERTY 19.25 ORDS 1,40 5 7.45 1.45										
CAMER FLICTION AND DIMENSIONS SELECTION \$1.381 \$1.252781 \$,	, , , , , , , , , , , , , , , , , , , ,		+,,
CAMER PERTENTION MESSANCH \$1.354 MESSANCH \$1.00 \$1.0								, , , , , , , , , , , , , , , , , , , ,		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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CAMER PRETENDA AND GROWGOUS RESEARCH \$1.348 ***			B1ECA387304	WASHINGTON DIVIVERSITY	WO-23-0203					
CAMCES PETCHON AND DEMONSS RESERVENT STATE			K13CA287304	CRYOCRATELLC	MU 006		-,	,,		,,
CAMCE PIETCHON AND DIAGNOSS PESSANCI 93.34						7	,			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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CAMCES TREATMENT RESEARCH 93.395 801CA232293 801CA232293 801CA232293 801CA232293 801CA231099 801CA	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY OF PITTSBURGH	AWD00007736 (139524-1)	, \$	142,364	\$ 561,303	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CAMER TREATMENT RESEARCH 93.395 BICCA22793 BICCA22793 BICCA22793 BICCA22793 BICCA22793 BICCA22794 BICCA2	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		WEILL CORNELL MEDICINE	232969-1	\$	17,743	\$ 561,303	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CAMCES TREATMENT RESEARCH 93.355 BICCA231093 BICCA231093 BICCA231094 BISCACHTON CONCERNING TREATMENT RESEARCH 93.355 BICCA252584 BISCACHTON CONCERNING TREATMENT RESEARCH 93.355 BICCA252693 BISCACHTON CONCERNING TREATMENT RESEARCH 93.355 BISCA	CANCER TREATMENT RESEARCH	93.395	R01CA208396			\$	121,771	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CAMCER TREATMENT RESEARCH 93.395 8010CASTYGES CAMCER TREATMENT RESEARCH 93.395 8010CAST2648 CAMCER TREATMENT RESEARCH 93.395 8010CAST2649 CAMCER TREATMENT RESEARCH		93.395	R01CA222293		5	\$ 9,754 \$	30,041	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER TREATMENT RESEARCH 93.35 ROLLASSISSIS ROLLASSISSISSISSISSISSISSISSISSISSISSISSISSI	CANCER TREATMENT RESEARCH	93.395	R01CA231099			\$	20,504	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER TREATMENT RESEARCH 93.995 R01CA252464 93.295 R01CA252666 93.295 R01CA252666 93.295 R01CA252666 93.295 R01CA271592 93.259,849					5	\$ 157,866 \$,,
CANCER TREATMENT RESEARCH 93.95						\$		+ -,,		+ =,,
CANCER TREATMENT RESEARCH 93.395 ROICA71957 CANCER TREATMENT RESEARCH 93.395 ROICA71967 CANCER TREATMENT RESEARCH 93.395 ROICA71967 CANCER TREATMENT RESEARCH 93.395 ROICA719679 RESEARCH AND DEVELOPMENT 5.703,886.033 CANCER TREATMENT RESEARCH 93.395 RISCA24033 RISCA24033 RISCA24033 RISCA24033 RISCA24033 RISCA24033 CANCER TREATMENT RESEARCH 93.395 RISCA24033 RISCA240430 RISCA240430 RISCA240430 RISCA240430 RISCA240430 RISCA240430 RISCA240430 RISCA240430 RISCA240430 R										
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CAMER TREATMENT RESEARCH 93.395 ALIJAMCE FOR CLINICAL TRIALS NO NOCLOGY MODIS \$ 1,221 \$ 3,659.64 RESEARCH AND DEVILOPMENT \$ 2,703.88,033 CAMER TREATMENT RESEARCH 93.395 MAYO CLINIC THE AZID33 \$ 1,001 \$ 3,659.64 RESEARCH AND DEVILOPMENT \$ 2,703.88,033 CAMER TREATMENT RESEARCH 93.395 MRG ONCOLOGY NRG ORCIGONY NTN Award \$ 1,001 \$ 3,659.64 RESEARCH AND DEVILOPMENT \$ 2,703.88,033 CAMER TREATMENT RESEARCH 93.395 MRG ONCOLOGY NRG ORCIGONY NTN Award \$ 1,001 \$ 3,659.64 RESEARCH AND DEVILOPMENT \$ 2,703.88,033 CAMER TREATMENT RESEARCH 93.395 MRG ONCOLOGY NRG ORCIGONY N						\$	-,	,,.		,,
CANCER TREATMENT RESEARCH 93.395 CANCER TREATMENT RESEARCH 93.395 MRG ONCOLOGY NRG ONCOLOGY NR			R15CA224033	ALLIANCE FOR CLINICAL TRIALS IN ONCOLOGY	M0036					,,
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CANCER TREATMENT RESEARCH 93.395 NRG ONCOLOGY					•	¢				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
CANCER TREATMENT RESEARCH						Ś	, ,	, .,,.		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ARG1850 \$ 9, 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH \$ 93.395 PUBLIC HEALTH INSTITUTE COG NCTN PCR Work Order \$ 1,551 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH \$ 93.395 TEXAS A&M UNIVERSITY M2401409 \$ 114,049 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH \$ 93.395 TEXAS A&M UNIVERSITY M2401409 \$ 114,049 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH \$ 93.395 TEXAS A&M UNIVERSITY M2401409 \$ 14,0729-19228 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH \$ 93.395 TEXAS A&M UNIVERSITY WIGHIN A TECH \$ 12729-19228 \$ 14,725 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH \$ 93.395 TEXAS A&M UNIVERSITY WILL-2-0115 \$ 46,033 \$ 50,197 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 46,033 \$ 50,197 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 46,033 \$ 50,197 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 4,000 CANCER RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 4,000 CANCER RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 4,000 CANCER RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 4,000 CANCER RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 4,000 CANCER RESEARCH \$ 93.396 ROLCA264944 \$ 18,000 CANCER RESEARCH \$ 5 4,000 CANCER RESEARCH \$ 5 5,000 CANCER RESEARCH \$ 5 5,000 CANCER RESEARCH \$ 5 5,000 CANCER						Ś				
CANCER TREATMENT RESEARCH 93.395 PUBLIC HEALTH INSTITUTE COG NCTN PCR Work Order 5 1,51 5 3,659,649 RESEARCH AND DEVELOPMENT 5 270,848,033 CANCER TREATMENT RESEARCH 93.395 TEXAS A&M UNIVERSITY M2401409 5 114,049 5 3,659,649 RESEARCH AND DEVELOPMENT 5 270,848,033 CANCER TREATMENT RESEARCH 93.395 NIRGINIA TECH 412729-19228 5 87,041 5 3,659,649 RESEARCH AND DEVELOPMENT 5 270,848,033 CANCER TREATMENT RESEARCH 93.395 NIRGINIA TECH 412857-19228 5 87,041 5 3,659,649 RESEARCH AND DEVELOPMENT 5 270,848,033 CANCER TREATMENT RESEARCH 93.395 NIRGINIA TECH 412857-19228 5 87,041 5 3,659,649 RESEARCH AND DEVELOPMENT 5 270,848,033 CANCER RESEARCH RESEARCH 93.396 ROLCA264944 NUVERSITY WU-22-0115 5 3,679,649 RESEARCH AND DEVELOPMENT 5 270,848,033 CANCER RESEARCH 93.396 ROLCA264944 NUVERSITY NUVERS	CANCER TREATMENT RESEARCH	93.395				Ś	9	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER TREATMENT RESEARCH 93.395 VIRGINIA TECH 412729-19228 \$ 47.285 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH 93.395 VIRGINIA TECH 41287-19228 \$ 8 87,041 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER TREATMENT RESEARCH 93.395 WASHINGTON UNIVERSITY WW.2-0115 \$ 46,033 \$ 501,937 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH 993,396 R21CA249948 \$ 817,04249948 \$ 855,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH 993,396 R21CA249948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,042494948 \$ 817,	CANCER TREATMENT RESEARCH			PUBLIC HEALTH INSTITUTE	COG NCTN PCR Work Order	, \$	1,551			\$ 270,848,033
CANCER TREATMENT RESEARCH 93.395	CANCER TREATMENT RESEARCH	93.395		TEXAS A&M UNIVERSITY	M2401409	\$	114,049	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER TREATMENT RESEARCH 93.395 WASHINGTON UNIVERSITY WU-22-0115 \$ 20,185 \$ 3,659,649 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH \$ 93.395 REJCAZ49348 \$ 150,1937 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH \$ 93.396 REJCAZ49348 \$ 150,000 RESEARCH \$	CANCER TREATMENT RESEARCH	93.395		VIRGINIA TECH	412729-19228	\$	47,285	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER BIOLOGY RESEARCH 93.396 R01CA264944 \$ 85.812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER BIOLOGY RESEARCH 93.396 R21CA249348 \$ 51,743 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER RESEARCH MANDOWER 93.396 R37CA241948 \$ 837CA241948 \$ 83.212 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER RESEARCH MANDOWER 93.396 R37CA241949 \$ 93.398 F30CA275349 \$ 93.498 F30CA27	CANCER TREATMENT RESEARCH	93.395		VIRGINIA TECH	412857-19228	\$	87,041	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER BIOLOGY RESEARCH 93.396 R21CA249348 \$ 82.64.003 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTIVERSHIPS TO IMPROVE AND PROTECT THE NATIONS		93.395		WASHINGTON UNIVERSITY	WU-22-0115	\$	20,185	\$ 3,659,649	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER BIOLOGY RESEARCH 93.396 R37CA241603 \$ 332,132 \$ 885,812 RESEARCH AND DEVELOPMENT \$ 270,848,033 CANCER RESEARCH MANPOWER 93.396 F30CA275349 \$ 720,848,033 \$ 720,848,					5	\$ 46,033 \$,,
CANCER RESEARCH MANPOWER 93.398 F30CA275349 \$ 28,568 \$ 28,68 RESEARCH AND DEVELOPMENT \$ 270,848,033 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS 93.421 ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES N/A \$ 2,205 \$ 50,548 N/A \$ STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS 93.421 NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRY HHSN2612014000041 \$ 3,025 \$ 50,548 RESEARCH AND DEVELOPMENT \$ 270,848,033 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS						\$				\$ 270,848,033
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS 93.421 ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES N/A \$ \$ 2,205 \$ 50,548 N/A \$ \$ 4.205 \$ 50,548 N/A \$ \$ 4.205 \$ 50,548 N/A \$ 5 HEALTH STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH 93.421 NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRY HHSN2612014000041 \$ 3,025 \$ 50,548 RESEARCH AND DEVELOPMENT \$ 270,848,033 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS							, .			,,
NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH 93.421 ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES N/A \$2,205 \$50,548 N/A \$- STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH 93.421 NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRY HHSN2612014000041 \$3,025 \$50,548 RESEARCH AND DEVELOPMENT \$270,848,033 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS		93.398	F30CA275349			\$	28,568	\$ 28,568	RESEARCH AND DEVELOPMENT	\$ 270,848,033
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH 93.421 NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRY HHSN2612014000041 \$ 3,025 \$ 50,548 RESEARCH AND DEVELOPMENT \$ 270,848,033 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS	NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS									
HEALTH 93.421 NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRY HISN261201400004I \$ 3,025 \$ 50,548 RESEARCH AND DEVELOPMENT \$ 270,848,033 STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS	STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH	93.421		ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	N/A	Ş	2,205	<i>⇒</i> 50,548	N/A	\$ -
NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS	HEALTH	93.421		NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRY	HHSN261201400004I	\$	3,025	\$ 50,548	RESEARCH AND DEVELOPMENT	\$ 270,848,033
	NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS	93.421		PUBLIC HEALTH INFORMATICS INSTITUTE	PI-CD36-PCOR	\$	33,585	\$ 50,548	N/A	\$ -

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
COVID-19 - STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES									
THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE		001/10 40		0.000.0000		44 700	4 50540	055510511110 0515100115115	4 272 242 222
NATIONS HEALTH	93.421	COVID-19	PUBLIC HEALTH INFORMATICS INSTITUTE	PI-CD34-PCOR	\$	11,733		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$
THE NATIONAL CARDIOVASCULAR HEALTH PROGRAM	93.426		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049053-02	\$	3,898	\$ 3,898	N/A	\$ -
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93,433	90DPAD0007			\$ 36,920 \$	2,128,742	\$ 2,134,286	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND	33.433	90DFAD0007			30,320 3	2,120,742	3 2,134,200	RESEARCH AND DEVELOPMENT	\$ 270,040,033
REHABILITATION RESEARCH	93.433		MEMORIAL HERMANN HEALTH SYSTEM	2023-Yr1-ADA PARC-UNIVERS	\$	5,544	\$ 2,134,286	RESEARCH AND DEVELOPMENT	\$ 270,848,033
RETABLETATION RESEARCH	33.433		INIEINIONIAL HENINAINN HEALTH STSTEIN	2023-111-ADA PARC-UNIVERS	,	3,344	3 2,134,200	RESEARCH AND DEVELOPMENT	\$ 270,040,033
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93,434		UNITED 4 CHILDREN	N/A	Ś	10.000	\$ 10,000	N/A	s -
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN	33.434		OWI ES 4 CHESTER	.,,,,	*	10,000	20,000	.4/	*
ACROSS THE NATION (WISEWOMAN)	93.436		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051370	Ś	1.972	\$ 1.972	N/A	\$ -
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN	93.439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050701	\$	8.836		N/A	\$ -
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN	93,439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054770	Ś	2.513		N/A	\$ -
ALZHEIMERS DISEASE PROGRAM INITIATIVE (ADPI)	93.470		MEMORY CARE HOME SOLUTIONS	90ADPI0091-01-00	\$	20,678		N/A	\$ -
ALZHEIMERS DISEASE PROGRAM INITIATIVE (ADPI)	93,470		OCCK, INC	UMKC-01	Ś	26.063		N/A	\$ -
CONGRESSIONAL DIRECTIVES	93.493	CE1HS46400			\$	1,998,215	\$ 49,751,971	N/A	\$ -
CONGRESSIONAL DIRECTIVES	93.493	CE1HS47213			\$	(30,000)	\$ 49,751,971	N/A	\$ -
CONGRESSIONAL DIRECTIVES	93.493	CE1HS47274			\$	37,040,294		N/A	\$ -
CONGRESSIONAL DIRECTIVES	93.493	CE1HS52523			\$	9,634,163		N/A	\$ -
CONGRESSIONAL DIRECTIVES	93.493	GE1HS47345			\$ 544,847 \$	1,109,299	\$ 49,751,971	N/A	\$ -
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE AND									
RESILIENT	93.495		ST LOUIS COUNTY MISSOURI	6980- HU246	\$	642,498	\$ 642,498	N/A	\$ -
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504	H84MC09484			\$	98,682	\$ 98,682	N/A	\$ -
REFUGEE AND ENTRANT ASSISTANCE STATE/REPLACEMENT DESIGNEE									
ADMINISTERED PROGRAMS	93.566		MISSOURI OFFICE OF REFUGEE ADMINISTRATION	N/A	\$	35,448	\$ 35,448	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMMUNITY SERVICES BLOCK GRANT	93.569		MICHIGAN PUBLIC HEALTH INSTITUTE	22-FA-020282-115-504200	\$	4,212		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMMUNITY SERVICES BLOCK GRANT	93.569		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC24380001	\$	482,484	\$ 486,696	N/A	\$ -
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	90YE0231			\$	4,013	\$ 1,288,980	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000035	\$	638,793		CCDF CLUSTER	\$ 1,258,142
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC24000041	\$	619,349	-,,	CCDF CLUSTER	\$ 1,258,142
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		SOUTH DAKOTA STATE UNIVERSITY	3TB116	\$	26,825	\$ 1,288,980	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PROMOTE THE SURVIVAL AND CONTINUING VITALITY OF NATIVE									
AMERICAN LANGUAGES	93.587		AMERICAN INDIAN RESOURCE CENTER, INC.	N/A	\$	3,757		RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		CHILDRENS TRUST FUND	N/A	\$	98,371	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
HEAD START	93.600	07CD004080			\$	55,116		HEAD START CLUSTER	\$ 174,070
HEAD START	93.600	07CD004080-03			\$	118,954		HEAD START CLUSTER	\$ 174,070
HEAD START	93.600		UNIVERSITY OF OKLAHOMA	2024-62	\$	25,486	\$ 199,556	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY									
GRANTS	93.630		ASSOCIATION ON AGING WITH DEVELOPMENTAL DISABILITIES	N/A	\$	45,827	\$ 450,157	N/A	ş -
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY									
GRANTS	93.630		IDAHO DEPARTMENT OF HEALTH AND WELFARE	MC003600	\$	35,827	\$ 450,157	N/A	\$ -
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY									
GRANTS	93.630		INDIANA GOVERNMENT	60407	\$	352,833	\$ 450,157	N/A	Ş -
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY	93.630		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	PGA010-24001	s	4.768	\$ 450.157	RESEARCH AND DEVELOPMENT	\$ 270.848.033
GRANTS DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY	93.630		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	PGA010-24001	\$	4,768	\$ 450,157	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRANTS	93.630		NEBRASKA COUNCIL ON DEVELOPMENTAL DISABILITIES	101737	\$	10,902	\$ 450,157	N/A	ć
GRANTS	93.030		NEBRASKA COUNCIL ON DEVELOPMENTAL DISABILITIES	101/3/	۶	10,902	\$ 450,157	N/A	\$ -
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNIQ0007-05-00			\$ 15,918 \$	96,256	\$ 182.282	N/A	\$ -
DEVELOPINENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.031	30DINIQ0007-05-00			\$ 15,918 \$	96,256	\$ 182,282	N/A	\$ -
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		NATIONAL FAMILY VOICES	2022-519	\$	(48,096)	\$ 182,282	N/A	ė .
DEVELOTIVE DISABLETTES PROJECTS OF NATIONAL SIGNIFICANCE	93.031		NATIONAL PAINILT VOICES	2022-519	,	(40,030)	3 102,202	N/A	, -
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		NATIONAL FAMILY VOICES	E0001.519.3.1	\$ 30,000 \$	88,954	\$ 182,282	N/A	¢ .
DEVELOTIVE DISABLETTES PROJECTS OF NATIONAL SIGNIFICANCE	33.031		NATIONAL PAINIET VOICES	20001.313.3.1	, 30,000 ,	88,334	, 102,202	N/A	,
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		SELF ADVOCATES BECOMING EMPOWERED	N/A	\$	45,168	\$ 182,282	N/A	s -
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES	55.051		SEE ABYOGNES SECONING EIM OVERES	.,,,,	*	45,100	, 102,202		,
EDUCATION, RESEARCH, AND SERVICE	93.632	90DDUC0114-01-00			Ś	8,425	\$ 758,493	N/A	s -
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES	33.032	3055000114 01 00			*	0,425	, , , , , , , , , , , , , , , , , , , ,	,	,
EDUCATION, RESEARCH, AND SERVICE	93.632	90DDUC0114-02-00			\$	687,592	\$ 758,493	N/A	\$ -
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES					•	,			*
EDUCATION, RESEARCH, AND SERVICE	93.632	90UCPH0021-00-00			Ś	62.476	\$ 758,493	N/A	Ś -
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647	90PD0319			, \$	23,792	\$ 23,792	N/A	\$ -
ADOPTION OPPORTUNITIES	93,652		UNIVERSITY OF WASHINGTON	Uwsc13743	Ś	14.820		RESEARCH AND DEVELOPMENT	\$ 270.848.033
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY AND COMMUNITY TRUST	93.0311	\$	7		N/A	\$ -
MEDICAL STUDENT EDUCATION	93.680	T99HP33557			\$ 102,083 \$	992,321		N/A	\$ -
MEDICAL STUDENT EDUCATION	93.680	T99HP39202			\$ 655,318 \$	5,031,513	,. ,	N/A	\$ -
MEDICAL STUDENT EDUCATION	93.680	T99HP52109			\$	1,978,291		N/A	\$ -
MEDICAL STUDENT EDUCATION	93.680	T99HP52110			\$ 1,126,064 \$			N/A	\$ -
MEDICAL STUDENT EDUCATION	93.680		UNIVERITY OF UTAH	10053739-02-UM	\$	6		N/A	\$ -
					,			•	
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732	M0131366			\$	262,540	\$ 1,206,612	N/A	\$ -
						• •		•	
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732	M01HP31366			\$	280,104	\$ 1,206,612	N/A	\$ -
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING									
GRANTS	93.732		SUPPORTIVE BEHAVIOURAL RESOURCES INC	N/A	\$	14,230	\$ 1,206,612	N/A	\$ -

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING									
GRANTS MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING	93.732		UNIVERSITY OF WISCONSIN MADISON	0000001652	\$	8,639	\$ 1,206,612	N/A	\$ -
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		UNIVERSITY OF WISCONSIN MADISON	0000002297	\$	117,724	\$ 1,206,612	N/A	\$ -
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING	33.732		DIVIVERSITY OF WISCONSIN WADISON	0000002237	,	117,724	3 1,200,012	N/A	, .
GRANTS	93.732		UNIVERSITY OF WISCONSIN MADISON	000003083	\$	523,375	\$ 1,206,612	N/A	\$ -
ELDER ABUSE PREVENTION INTERVENTIONS PROGRAM	93.747		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	52405-01	\$ 207,500 \$	408,132	\$ 408,132	N/A	\$ -
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI BEHAVIORAL HEALTH COUNCIL	N/A	\$	27,730	\$ 972,105	MEDICAID CLUSTER	\$ 972,105
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380006	\$	944,375	\$ 972,105	MEDICAID CLUSTER	\$ 972,105
OPIOID STR	93.788	H79TI083259			\$ 3,742 \$	8,616	,. ,	N/A	\$ -
OPIOID STR	93.788		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	SOR-CARE-39	\$	5,616		N/A	\$ -
OPIOID STR	93.788		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY		\$ 254,981 \$	834,638		N/A	\$ -
OPIOID STR	93.788		AMERICAN ACADEMY OF FAMILY PHYSICIANS	N/A	\$	723		RESEARCH AND DEVELOPMENT	\$ 270,848,033
OPIOID STR	93.788		AMERICAN SOCIETY OF ADDITION MEDICINE	PCSSMAUD-01	\$	56,332		N/A	\$ -
OPIOID STR OPIOID STR	93.788 93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH	A0C23380030 A0C01380098	\$	11,249 68.550		N/A N/A	\$ -
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH		\$ 354.166 \$			N/A N/A	\$ -
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH		\$ 1,289,869 \$, ,		N/A	\$ -
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		MISSOURI DEPARTMENT OF SOCIAL SERVICES		\$ 60,800 \$			N/A	\$.
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		MISSOURI DEPARTMENT OF SOCIAL SERVICES		\$ 36,250 \$	62,363		N/A	\$ -
ORGANIZED APPROACHES TO INCREASE COLORECTAL CANCER SCREENING	93.800	NU58DP006765			\$ 194,880 \$	840,182	\$ 840,182	N/A	\$ -
HEALTH CAREERS OPPORTUNITY PROGRAM (HCOP)	93.822	D18HP32133			\$ 16,373 \$	670,847	\$ 670,847	N/A	\$ -
CAPACITY BUILDING ASSISTANCE (CBA) FOR HIGH-IMPACT HIV									
PREVENTION	93.834	NU65PS923671			\$ 37,363 \$	493,510		N/A	\$ -
CARDIOVASCULAR DISEASES RESEARCH	93.837	F31HL158537			\$	3,349		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	F32HL152558			\$	(6,107)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	K01HL142944			\$	-, -	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	K01HL155232			\$.,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	K01HL161538-01A1 R00HL134823			\$	24,933		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL095638			\$ 50,774 \$	(7,316) 144.655	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL098602			3 30,774 3 ¢	812,909		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL119053			Ś	126,519		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL122578			\$ 68.438 \$	362.011		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL132836			\$	11,447	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136292			\$	471,140	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136386			\$ 12,641 \$	189,516	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL137769			\$	(16,536)	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL140684			\$	226,480	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL141107			\$	2,016		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL142770			\$	604,680		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL147313			\$	594,578		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL148080			\$	444,512	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	R01HL148196 R01HL148785			\$ 220.482 \$	338,240 450,629		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL149727			\$ 220,482 \$	450,629 288,799	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL151384			, ¢	1,111,192		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL151444			Ś	685,776		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL151735			s s	2.933		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL153264			\$ 51,480 \$	760,137	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL156957			\$	481,827	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL157038			\$	333,470		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL157366			\$	317,523		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL159157			\$ 34,184 \$	762,912	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL160541			\$	1,207,974		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL166617			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL172875			\$	46,266		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL173025 R03HL168984			\$ 7.060 \$	19,131 11.049		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	T32HL110837			\$ 7,060 \$ \$ 62,382 \$,	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837	132HL110837	CARDIAC RSK3 INHIBITORS LLC	N/A	\$ 62,382 \$ \$	587,205		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	A035535 CAC PREVENTABLE	Ś	26,833	, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		NANOVA, INC.	0050018	Ś	1,537		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		NORTHWEST UNIVERSITY	160066435 UKMC	\$	9,707		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		STONY BROOK UNIVERSITY	97656/1183001/2	\$	321,044		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5016780-SERV	\$	29,241	\$ 13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5023701_SERV	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF KENTUCKY	3200005096-21-097	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MICHIGAN	SUBK00012754	\$	34,304		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MINNESOTA	2/1/202P007129102	\$	(3,483)		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF PITTSBURGH	Pitt REBIRTH/AWD00004314	\$	626		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF PITTSBURGH MEDICAL CENTER	AWD00007448 (139202-1)	\$	208,298		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER	417457G/UR FAO GR510850	\$	7,702		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		UNIVERSITY OF SOUTH FLORIDA UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	6143-1178-00-A 6068-SC24-13	\$ \$	32,029 19,093		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
CAMPIOYASCULAN DISEASES RESEARCH	33.03/		DIVIVENSITY OF TEXAS REALTH CONTEN AT TITLER	0000-3C24-13	,	13,093	, 15,700,890	NESEARCH AND DEVELOPMENT	. 27U,040,U33

	Federal Assistance	Additional Award		Identifying Number Assigned by	Total Amount Provided to		Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF WASHINGTON	UWSC12212	\$	62,512 \$	13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF WASHINGTON	UWSC15341	\$	187,708 \$	13,708,890	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUNG DISEASES RESEARCH	93.838	F32HL159930			\$	72,627 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUNG DISEASES RESEARCH	93.838	R01HL152288			\$	348,889 \$	703,459	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUNG DISEASES RESEARCH	93.838		CHILDRENS HOSPITAL OF PHILADELPHIA	GRT-00001622/PO# 20598171	\$	54,373 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF FLORIDA	SUB00004183	\$	39,264 \$	703,459	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838		UNIVERSITY OF IOWA UNIVERSITY OF IOWA	S00649-01 S02089-01	\$	(8,012) \$ 16,996 \$	703,459 703,459	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA UNIVERSITY OF IOWA	S02089-01 S03690-01	\$ \$	16,996 \$ 127,188 \$	703,459 703,459	RESEARCH AND DEVELOPMENT	\$ 270,848,033
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA	S04245-01	Ś	52,134 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	K22HL142846	UNIVERSITY OF IOWA	304243-01	\$	191,754 \$	609.234	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	R00HL143198			\$	207.372 \$	609,234	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	1100112145150	UNIVERSITY OF PITTSBURGH	AWD00005506 (138166-1)	Ś	210,108 \$, .	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR070517	on this in this bolton	////200005500 (150100 1)	Ś	10.982 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR078045			\$	225,308 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R21AR079855			\$	105,163 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		G5 BIO INNOVATIONS LLC	00077965	\$	84,864 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		REGENOSINE	078691	\$	8,570 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF CALIFORNIA IRVINE	2023-1951	\$	12,733 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF FLORIDA	SUB00003661	\$	115,323 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF MARYLAND	20611	\$	1,607 \$	754,276	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		WAKE FOREST UNIVERSITY	24-004	\$	189,726 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	K08DK115886			\$	103,747 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK055835		:	1,650 \$	47,440 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK113701			\$	10,799 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK116859			\$	20,246 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK120595			\$	213,152 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK123689			\$	266,457 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK124329			\$	409,079 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	R01DK124664		;	9,269 \$	748,800 \$	6,227,087 6,227,087	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH		R01DK127625 R01DK130243			\$	432,660 \$		RESEARCH AND DEVELOPMENT	,,
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	R01DK130243			\$	413,052 \$ 433,648 \$	6,227,087 6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK130340 R01DK131190			\$	433,648 \$ 563,955 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMORAL RESEARCH	93.847	R01DK131150			229,576 \$	596.734 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK124732		•	, 225,570 \$	121,825 \$	-, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK128714			182,089 \$	237,645 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK129899		•	\$	184,175 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	U01DK133106			Ś	486,314 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270.848.033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RES600205	\$	(34,297) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RES601754	\$	180,707 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-002868-G1	\$	111,119 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004000-G3	\$	108,331 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		JOHNS HOPKINS UNIVERSITY	N/A	\$	1,700 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		LEFLORE TECHNOLOGIES	N/A	\$	66,283 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		MAYO CLINIC	THE-308269	\$	26,006 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF CALIFORNIA SANTA BARBARA	KK2150	\$	30,046 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF COLORADO DENVER	FY20.798.003	\$	40,526 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5118919	\$	(6) \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF OKLAHOMA HEALTH SCIENCE CENTER	RS20220033-01	\$	69,483 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6163-1103-01-X	\$	13,825 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6163-1103-02-X	\$	10,668 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6183-1092-20-X	\$	(2,980) \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		VANDERBILT UNIVERSITY	60430	\$	3,180 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC 84227	\$	24,746 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		WASHINGTON UNIVERSITY	WU-22-0088	\$	186,807 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		WASHINGTON UNIVERSITY	WU-24-0495	\$	14,490 \$	6,227,087	RESEARCH AND DEVELOPMENT	\$ 270,848,033

Federal Awarding Agency/Program Title	Federal Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	ldentifying Number Assigned by Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		WASHINGTON LINIVERSITY	WU-24-0579		\$ 86.725 \$	6.227.087	RESEARCH AND DEVELOPMENT	\$ 270.848.033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS069726	<i>Dominoton our</i>			\$ 112,368 \$, , , , , , , , , , , , , , , , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS090634				\$ 18,120 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS102495				\$ 131,688 \$		RESEARCH AND DEVELOPMENT	\$ 270.848.033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS110915				\$ 363.840 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS113765				\$ 377.814 \$	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND						,	2,2 23,000		¥ = 10,0 10,000
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	R01NS114514				\$ 249,521 \$	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	R01NS114651				\$ 221,220 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	R01NS115834			\$ 68,311	\$ 434,853 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	R01NS117539				\$ 136,575 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	R01NS122903				\$ 367,046 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
NEUROLOGICAL DISORDERS	93.853	R01NS123023			\$ 21,726	\$ 498,029 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS124722				\$ 321,171 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS130195				\$ 373,341 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS131416			\$ 38,699	\$ 557,191 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS134690				\$ 127,709 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS134816				\$ 256,949 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS135594				\$ 89,213 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS123761				\$ 193,563 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	RF1NS132279				\$ 316,718 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		JOHNS HOPKINS UNIVERSITY	2005960438		\$ 13,303 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		SHIFT PHARMACEUTICALS	N/A		\$ 59,545 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		TUFTS UNIVERSITY	PO EP0235494		\$ 242,525 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERISTY OF NORTH CAROLINA AT GREENSBORO	A20-0179-S001		\$ 83,127 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF CINCINNATI	012043-137801 ASPIRE		\$ 5,572 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF NEBRASKA LINCOLN	24-6221-0414-002		\$ 100,438 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF TEXAS MEDICAL BRANCH	24-86751-01		\$ 165,125 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		WASHINGTON UNIVERSITY	WU-24-0401		\$ 4,139 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		WASHINGTON UNIVERSITY	WU-24-0418		\$ 86,716 \$	5,913,508	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		WAYNE STATE UNIVERSITY	WSU24049		\$ 6.089 \$		RESEARCH AND DEVELOPMENT	\$ 270.848.033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	F30AI172230	WAINE STATE ONVERSITY	W3024043		\$ 19,144 \$	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	G20AI167403				\$ 328,850 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI070908				\$ 677,184 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI121281			\$ 32,379			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01Al129996				\$ (14) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	R01Al134661 R01Al134768				\$ 179,080 \$ \$ 157,236 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI134768 R01AI138970			\$ 47.850			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI138970 R01AI141607			÷ 47,850	\$ 738,542 \$ \$ 28.533 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI147640			\$ 12.207		,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI150797				\$ 447,080 \$,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01Al152417			\$ 4,402	, , , , , ,	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI152418			\$ 14,128			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI152521			\$ 806	+, +	,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI153076				\$ 378,298 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI158477			\$ 148,990	\$ 658,779 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01Al162631	Nume of Funder Pass-Intrough Entity	runder russ-Initough Entity	Sub-Recipients	408,491 \$	14.316.909	RESEARCH AND DEVELOPMENT	\$ 270.848.033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01Al169781			\$ 148,499		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI172097			\$ 165,311 \$	735,131 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01AI176770			\$ 363,855 \$	547,297 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R01Al145960			\$		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R03AI159273			Ş	-, ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI146397			Ş		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	R21AI153074 R21AI164616			\$	(10,451) \$ 69.039 \$	14,316,909 14.316,909	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI164616 R21AI167742			\$ 84,640 \$		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI169691			5 64,040 ;	160,624 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI176235			3	115.538 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI178158				.,	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI178547				174,071 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R21AI181629			\$	50,733 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R34AI155318			\$ 129,391 \$		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R56AI167980			\$	193,190 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	R56AI170068			5			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	U01AI132817 UC7AI180306			Ş		14,316,909 14.316,909	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UC/AI180306	ALBANY MEDICAL COLLEGE	515535-6494	3		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		ALBANY MEDICAL COLLEGE	6494-Misso	5		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	FY23ITN468	· ·		14.316.909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	FY24ITN468	S	\$ 20,352 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		BOSTON UNIVERSITY	4500003975	·	\$ 174,921 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		CRYOCRATE LLC	MU 005	Ş		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		EMORY UNIVERSITY	A637476	Ş	, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HAFION INC.	N/A	Ş	. , ,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		INDIANA UNIVERSITY	IN 9704	Ş	, ,	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		KANSAS STATE UNIVERSITY ST JUDES CHILDRENS RESEARCH HOSPITAL	A00-1041-S003 112670030-8093167	Ş	.,,	14,316,909 14,316,909	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		ST JUDES CHILDRENS RESEARCH HOSPITAL	11304616B-8022764	, 5			RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		ST LOUIS UNIVERSITY	23423-46240			14.316.909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		ST LOUIS UNIVERSITY	A01569-13134	5	10,033 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		ST LOUIS UNIVERSITY	A01805-16573	5	5 73,000 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		TEXAS A&M ENGINEER EXPERIMENT STATION	M2400502	5		14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF DETROIT MERCY	N/A	5	(-,, +		RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF MICHIGAN	SUBK00021769	Ş	,,	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		UNIVERSITY OF MINNESOTA UNIVERSITY OF PITTSBURGH	H010877301 AWD00005998 (139222-12)	Ş	, ,	14,316,909 14.316.909	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		UNIVERSITY OF PITTSBURGH UNIVERSITY OF PITTSBURGH	AWD00005998 (139222-12) AWD00005998 (139757-12)	Ş	. , . ,	14,316,909 14.316.909	RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF TENNESSEE	21-3446-UMKC	9	., . ,	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF TENNESSEE	23-3372 - UMKC	3		14.316.909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF WASHINGTON	WU-20-539	S	\$ 15,274 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF WASHINGTON	WU-23-0385	Ş	\$ 83,952 \$	14,316,909	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01AI150460			\$ 359 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM146340			\$ 52,425 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM065546			\$ 54,753 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM093123			Ş		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	R01GM103841 R01GM117135			Ş		9,001,580 9.001,580	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM121445				347,594 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM125669					9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM125839				93,812 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM126028			\$	270,403 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM132299			\$ 89,238 \$	238,631 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM132640			\$ 17,931 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM141374			\$ 136,715 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM142816			\$ 7.928 \$	510,297 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	R01GM147247 R15GM135807			\$ 7,928 \$		9,001,580 9.001,580	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM137315			3	.,	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM139071			,		9.001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM152964					9.001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R16GM146690				223,240 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM064120			\$	325,262 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM146287			\$ 2,634 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM122564			\$ 59,559 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM126985				414,337 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM133730			\$ 38,258 \$		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM134919			Ş		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	R35GM136409 R35GM142537			Ş	339,745 \$ 211,546 \$	9,001,580 9,001,580	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM142537			-		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM150663			9		9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R37GM029963			\$	4,379 \$	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T32GM135744			\$	486,720 \$	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T34GM136493			\$	481,607	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM129228			534 \$	-,	.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		PURDUE UNIVERSITY RESEARCH FOUNDATION OF SUNY	11004041-066 1169531-91876	Ş	1,803 \$ 188.525 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848.033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		RESEARCH FOUNDATION OF SUNY ST LOUIS UNIVERSITY	1169531-91876 11853	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF CONNECTICUT	163289194	ŝ	, ,	.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR16389	\$	13,283	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF TEXAS AUSTIN	UTA20-001038	\$	134,853		RESEARCH AND DEVELOPMENT	\$ 270,848,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		VIVACELLE BIO INC	N/A	\$	2 5	9,001,580	RESEARCH AND DEVELOPMENT	\$ 270,848,033
EMERGING INFECTIONS SENTINEL NETWORKS	93.860		UNIVERSITY OF CALIFORNIA LOS ANGELES	5U01CK000643-03	\$	10,718 \$	10,718	N/A	\$ -
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	F31HD105417			\$	34,652		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	K12HD000849		5	412,560 \$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	P20HD109951			\$	723,206		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD021338			\$	386,476		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	R01HD087231 R01HD088549			\$ \$	393 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848.033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD092254			\$	135,937	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD094937		5	151,508 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD096266		,	, 131,300 \$ \$	340.865		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD097087			\$	201,286		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD097283		9	676 \$	393,986	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD101243		\$	57,504 \$	582,982	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD102170		5	182,409 \$	539,162	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD102476			\$	286,629	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD104482		5				RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD108198		\$				RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD112315			\$		-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD112332			\$	- /- /	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	R01HD113358 R03HD098555			\$	395,928 \$ 9.114 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMORAL RESEARCH	93.865	R03HD105831			13,465 \$		-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD107610		,	, 13,403 \$ \$	169,733		RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD097594			Ś	4,614	-,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD100726			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD110771			\$	145,316	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD112373			\$	121,504	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R56HD104821			\$	80,089	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R56HD110848			\$	192,120 \$	-,,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	U01HD104482		5	(3,193) \$	(37,312) \$	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		CHII DRENS HOSPITAL OF PHILADELPHIA	GRT-00000601 /PO#20524293	s	22.372	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270.848.033
CHILD HEALTH AND HOWAIN DEVELOPINENT EXTRAMORAL RESEARCH	33.803		CHILDRENS HOSFITAL OF PHILADELPHIA	GK1-0000001/PO#20324233	,	22,372 3	0,032,140	RESEARCH AND DEVELOPINEIVI	\$ 270,040,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		CHILDRENS MERCY HOSPITAL	41613121	\$	19,955	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		DUKE UNIVERSITY	303003351	\$	106,192	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		MICHIGAN STATE UNIVERSITY	RC114420UM	Ś	17,688	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		MICHIGAN STATE UNIVERSITY	RC114844UM	\$	350,092	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		OREGON HEALTH SCIENCE UNIVERSITY	1014948_MISSOURI	\$	55,819	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
					,				
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		OREGON HEALTH SCIENCE UNIVERSITY	1014948_MISSOURI_CHRIST	\$	21,229	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		OREGON HEALTH SCIENCE UNIVERSITY	1014948_MISSOURI_CHRIST_A	Ś	27,172	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270.848.033
CHIED HEALTH AND HOWARD DEVELOPMENT EXTRAMORAL RESEARCH	33.803		OREGON TEXETT SCIENCE ONVERSITY	1014348_WI3300W_CFMI31_X	Ç	27,172 ,	8,032,140	RESEARCH AND DEVELOT WENT	3 270,040,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		PEDIALYDX	SBIR2022Missouri	\$	21,486	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			4044040 4440004404		7.500	0.050.446	05051001111000515100115115	4 272 242 222
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMORAL RESEARCH	93.865		PHENYLALANINE FAMILIES AND RESEARCHERS	1014948_MISSOURI	\$	7,588 \$	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		PURDUE UNIVERSITY	11001377-020	\$	3,999 \$	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	00.055		1411 (FROIT) OF COLOR DO REALISE	FY21.1087.001		405.000	0.050.445	RESEARCH AND DEVELOPMENT	4 272 242 222
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMORAL RESEARCH	93.865		UNIVERSITY OF COLORADO DENVER	FY21.1087.001	\$	135,998 \$	8,852,146	KESEAKCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	DS-DETERMINED	\$	7,000 \$	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF PITTSBURGH	AW00004684 (136793-2)	\$	183,569	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		YALE UNIVERSITY	CON-80004530(GR120429)	Ś	89,051	8,852,146	RESEARCH AND DEVELOPMENT	\$ 270.848.033
AGING RESEARCH	93.866	K01AG061260	TALE UNIVERSIT	CON-00004330[GK120423]	\$	89,051 \$ 194.113 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGING RESEARCH	93.866	R01AG051250		5	\$ 40.056 \$. , . ,	-,- ,-	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R01AG055591		,	. 40,030 \$	3,677		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R01AG066081		5	(837) \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R01AG072935			\$	724,457		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R01AG078281		\$	41,369 \$	415,483	5,612,071	RESEARCH AND DEVELOPMENT	\$ 270,848,033

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	Federal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
AGING RESEARCH	93.866	R01AG082413			\$	6,635		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R15AG075609			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R21AG067702			\$	18,853		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH AGING RESEARCH	93.866 93.866	R21AG079292			\$ 102,396 \$	147,003 141.085		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGING RESEARCH	93.866	R21AG080715 R21AG084154			\$ \$ 39.364 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270.848.033
AGING RESEARCH	93.866	R25AG078150			\$ 35,504 \$ \$, .	,. ,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	R56AG079586			\$ 97,633 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	RF1AG062480			\$ 275,712 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866	U01AG070928			\$ 52,472 \$	303,465	\$ 5,612,071	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		DUKE UNIVERSITY	303001068	\$	12,896	5,612,071	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		DUKE UNIVERSITY	A032814 PREVENTABLE	\$	22,043		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		DUKE UNIVERSITY	A03-3870	\$	(,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		INDIANA UNIVERSITY	9506_UM	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		INDIANA UNIVERSITY	IN4680040UM	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH AGING RESEARCH	93.866 93.866		MYOLEX INC MYOLEX INC	MY2106 N/A	\$ \$,		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
AGING RESEARCH AGING RESEARCH	93.866		OHIO UNIVERSITY	N/A UT21864	\$ \$,	.,.,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		OHIO UNIVERSITY	UT22889	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR16279	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	ZABOOOEO	Ś	,	.,.,.	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		UNIVERSITY OF MICHIGAN	SUBK0009483	Ś	- ,	.,.,.	RESEARCH AND DEVELOPMENT	\$ 270.848.033
AGING RESEARCH	93.866		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5129925	, \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		UNIVERSITY OF SOUTH FLORIDA	6144-1252-00-A	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		UNIVERSITY OF UTAH	10062509-01-UM	\$	39,328	\$ 5,612,071	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		WASHINGTON UNIVERSITY	WU-22-0097	\$	78,587	\$ 5,612,071	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AGING RESEARCH	93.866		WASHINGTON UNIVERSITY	WU-23-0243	\$	1,619		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01EY023219			\$	407,478		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01EY027824			\$ 15,193 \$, , , , , ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01EY028946			\$	41,134		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01EY030081			\$	329,001		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH VISION RESEARCH	93.867	R01EY030774 R01EY031674			\$ 8,109 \$. ,	, , , , , ,	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
VISION RESEARCH	93.867 93.867	R01EY032495			\$ 26,200 \$	452,057 391,517		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01FY034247			20,200 ¢			RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01EY034319			¢	605.242	.,,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R01EY035088			\$ 232,213 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R15EY029813			\$	55,411		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R21EY032742			\$	87,246	\$ 4,850,474	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R21EY034254			\$	105,967	\$ 4,850,474	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	R56EY034247			\$	166,234		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867	U01EY031650			\$ 24,472 \$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867		CRYOCRATE LLC	43-003859	\$,		RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867		JAEB CENTER FOR HEALTH RESEARCH INC	DRCR Master Agreement	\$, ,	RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867 93.867		MEDICAL COLLEGE OF WISCONSIN	N/A	\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
VISION RESEARCH	93.867		UNIVERSITY OF MAINE	UMS2234	\$	75,662	\$ 4,850,474	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		CHILDRENS MERCY HOSPITAL	41854123	\$	37,554	\$ 68,878	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		CHILDRENS MERCY HOSPITAL	41854124	\$	34,951	\$ 68,878	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380002	\$	(3,627)	\$ 68,878	N/A	\$ -
MEDICAL LIBRARY ASSISTANCE	93.879	R01LM013392			\$			RESEARCH AND DEVELOPMENT	\$ 270,848,033
PRIMARY CARE TRAINING AND ENHANCEMENT	93.884		UNIVERSITY OF ILLINOIS AT CHICAGO	19202	\$	3,419	\$ 3,419	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE,									
TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220052270	\$	(8,546)	\$ 1,034,758	N/A	\$ -
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC24380003	\$	1,043,304	\$ 1,034,758	RESEARCH AND DEVELOPMENT	\$ 270,848,033
GRANTS TO STATES FOR OPERATION OF STATE OFFICES OF RURAL HEALTH	93.913		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049731	Ś	(7,141)	\$ (7,141)	N/A	s -
HEALTHY START INITIATIVE	93.926		NURTURE KANSAS CITY	N/A	, \$			N/A	\$ - \$ -
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND					,			,	
CONTROL ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND	93.945		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049726	\$			N/A	\$ -
CONTROL COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE	93.945		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053664	\$	18,179	\$ 19,080	N/A	\$ -
MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE	93.946		DELAWARE DIVISION OF PUBLIC HEALTH	23-045; PO #0000605978	\$	(545)	\$ 82,454	N/A	\$ -
MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE	93.946		DELAWARE DIVISION OF PUBLIC HEALTH	24-089; PO #00000654644	\$	41,478	\$ 82,454	N/A	\$ -
MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE	93.946		IOWA DEPARTMENT OF HEALTH	5883MH41	\$	(7)	\$ 82,454	N/A	\$ -
MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE	93.946		IOWA DEPARTMENT OF HEALTH	5884MH41	\$	32,101	\$ 82,454	N/A	\$ -
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.946 93.958		IOWA DEPARTMENT OF HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH	COAC PVH 25 367 AOC01380098	ş ş	-,	,	N/A N/A	\$ - \$ -

	Federal				Total Amount				
Federal Awarding Agency/Program Title	Assistance Number	Additional Award Identification	Name of Funder Pass-Through Entity	Identifying Number Assigned by Funder Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958	identification	MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 23905	Sub-recipients \$	9,792	1.672.388	N/A	ć
						-, - ,	, . ,	,	\$ ·
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 24905 AOC23380040	\$	145,628 \$	1,672,388	N/A	\$ -
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC23380040	\$ 16,260 \$	1,294,088 \$	1,672,388	N/A	\$ -
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE									
ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098	\$	555,924 \$	1,371,542	N/A	\$ -
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE									
ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC09380028	\$	126,305 \$	1,371,542	N/A	\$ -
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE									
ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 23905	\$	7,440 \$	1,371,542	N/A	\$ -
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE									
ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 24901	\$	494,300 \$	1,371,542	N/A	\$ -
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE									
ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 24905	\$	21,056 \$	1,371,542	N/A	¢ .
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE	33.333		missoon bernimen of mentile letter	710021300234 77124303	7	21,030 9	1,571,542		*
ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 24907	\$	166,517	1.371.542	N/A	ć
ABUSE	33.333		WISSOURI DEPARTIWENT OF WENTAL HEALTH	AUC11380234 TA 24907	ş	100,317 3	1,3/1,342	N/A	, .
CENTERS FOR DISEASE CONTROL AND PREVENTION COLLABORATION									
WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	52945	\$	147,232 \$	1,248,158	N/A	\$ -
CENTERS FOR DISEASE CONTROL AND PREVENTION COLLABORATION									
WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052945	\$	112,932 \$	1,248,158	N/A	\$ -
CENTERS FOR DISEASE CONTROL AND PREVENTION COLLABORATION									
WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053346	Ś	485,777 \$	1,248,158	N/A	Ś -
CENTERS FOR DISEASE CONTROL AND PREVENTION COLLABORATION									
WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054795	\$	502,217 \$	1,248,158	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PPHF GERIATRIC EDUCATION CENTERS	93.969		ST LOUIS UNIVERSITY	A01066-20544	Ś	9.742 \$		N/A	\$ 270,040,033
					\$	-, ,			4 272 242 222
PPHF GERIATRIC EDUCATION CENTERS	93.969		ST LOUIS UNIVERSITY	A01066-10668	7	(29) \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989		NORTHWESTERN UNIVERSITY	60049839 UMSL	\$	25,936 \$	25,936	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053221	\$	163,032 \$		N/A	\$ -
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		OHIO DEPARTMENT OF HEALTH	46611	\$	446 \$	163,478	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE									
STATES	93.994		IOWA DEPARTMENT OF HEALTH	5884MH41	\$	16,166 \$	1,429,841	N/A	\$ -
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE									
STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380009	Ś	613 5	1,429,841	N/A	Ś -
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE									
STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050709	Ś	36,134	1,429,841	N/A	¢ .
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE	33.334		MISSON BETTININEN OF NEVERTAND SERVICES	5/1220030703	,	50,154 9	1,423,041	14/11	*
STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051862	Ś	1.218.714	1.429.841	N/A	ė
	33.334		INISSOUNI DEPARTIMENT OF HEALTH AND SENTON SERVICES	DH220031802	ş	1,210,714 3	1,423,041	N/A	, .
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE				811333351351				***	
STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230051861	\$	140,918 \$	1,429,841	N/A	\$ -
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE									
STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052252	\$	7,468 \$	1,429,841	N/A	\$ -
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE									
STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240055912	\$	9,828 \$	1,429,841	N/A	\$ -
RESEARCH, TECHNOLOGY AND HUMAN INTERVENTIONS FOR SELF-ES	93.RD	75D30120C08913			\$	320,184 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
REAL-TIME GROUND MOVEMENT MONITORING FOR IMPROVED SAFETY	93.RD	75D30120C09233			\$	17,508 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
CDC_NHANES #75D30122F00002	93.RD	75D30121D12744			\$	35,108 \$	1.884.824	RESEARCH AND DEVELOPMENT	\$ 270.848.033
DEVELOPMENT OF RIB BROW GUIDELINES AND INTEGRATION INTO	93.RD	75D30122C14756			Ś	38,423 \$		RESEARCH AND DEVELOPMENT	\$ 270.848.033
DEVELOPMENT OF FIBER OPTICS BASED MONITORING SYSTEM FOR	93.RD	75D30123P16772			Ś	10.000 \$	1.884.824	RESEARCH AND DEVELOPMENT	\$ 270.848.033
DEVELOPMENT OF A GRAPHICAL USER INTERFACE-BASED SOFTWARE	93.RD	75D30123P16932			Ś	24,951 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NCI RESEARCH CONTRACT FOR BLOOD SAMPLE ANALYSES	93.RD	75N91022P00914			\$	3,388 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
NCTN HIGH PERFORMING SITE INITIATIVE (HPSI) NOVAJOINT	93.RD 93.RD	NCTN HPSI Cycle 5 SAPO G19000	COLUMBIA UNIVERSITY	SAPO G19000	\$ \$	12,623 \$ 51,885 \$		RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$ 270,848,033 \$ 270,848,033
	93.KD	SAPO G19000	COLUMBIA UNIVERSITY	SAPU G19000	\$	51,885 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COMPARATIVE ONCOLOGY PROGRAM COTCO33: REPURPOSING									
VACCIN	93.RD	PO0400835	GUIDEHOUSE INC	PO0400835	\$	19,077 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
MAINTAIN A DATABASE OF SARS-COV-2 MUTATIONS THAT ACCUMUL	93.RD	2006141756	JOHNS HOPKINS UNIVERSITY	2006141756	\$	108,144 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
AN INTERNATIONAL MULTICENTER, ADAPTIVE, RANDOMIZED DOUBL	93.RD	20CTA-DC0002 INSIGHT 013	LEIDOS BIOMEDICAL RESEARCH INC	20CTA-DC0002 INSIGHT 013	\$	16,479 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
OPERATIONALIZING NCI-COP PROTOCOL COTC027	93.RD	20X093F	LEIDOS BIOMEDICAL RESEARCH INC	20X093F	Ś	22.390 \$	1.884.824	RESEARCH AND DEVELOPMENT	\$ 270.848.033
MARINUS RAISE EFFICACY/SAFETY OF INTRAVENOUS GANAXOLONE	93.RD	RAISE 1042-SE-3003 FED	MARINUS PHARMACEUTICALS INC	RAISE 1042-SE-3003 FED	Ś	9,069 \$	1.884.824	RESEARCH AND DEVELOPMENT	\$ 270.848.033
ACTIV-2 (ADAPT OUT COVID)	93.RD	ACTIV-2/A5401	PPD DEVELOPMENT	ACTIV-2/A5401	Ś	31,233 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
= (332	. 10117 2710702	TO DEFECT MEN	2,	,	52,255 9	2,00-7,024		- 270,040,033
ELIMINATING BARRIERS FOR THE IMPLEMENTATION OF AUTOMATIO	93.RD	MOATS	SOCIETY FOR MINING METALLURGY & EXPLORATION INC	MOATS	Ś	17.770 \$	1.884.824	RESEARCH AND DEVELOPMENT	\$ 270.848.033
						, , ,	, , .		, ,, ,, ,, ,,
INFLUENZA PATHOGENICITY TESTING IN ANIMAL MODELS (MOD 5)	93.RD	11279703B-8135675	ST JUDES CHILDRENS RESEARCH HOSPITAL	11279703B-8135675	\$	46,283 \$		RESEARCH AND DEVELOPMENT	\$ 270,848,033
INFLUENZA PATHOGENICITY TESTING IN ANIMAL MODELS -YEAR 4	93.RD	GR-0010370-P0072352	ST JUDES CHILDRENS RESEARCH HOSPITAL	GR-0010370-P0072352	\$	14,440 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
SBIR: A NOVEL ENGINEERED BACTERIAL ANTICANCER IMMUNOTHER	93.RD	N/A	TRANQUILITY BIODESIGN LLC	N/A	\$	3,590 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ALL OF US HEARTLAND CONSORTIUM (AOU-HC)	93.RD	GR519234	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC.	GR519234	\$	603,889 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADJUVANT DEVELOPMENT OF THE TLR4 LIGAND BECC438	93.RD	20802	UNIVERSITY OF MARYLAND	20802	\$	101,037 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ADJUVANT DEVELOPMENT OF THE TLR4 LIGAND - BECC470S	93.RD	5273	UNIVERSITY OF MARYLAND	5273	\$	301,181 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
PILOT STUDY OF ANTI-CANINE CTLA4 MAB (VGS-001) IN CANINE	93.RD	N/A	VETIGENICS	N/A	Ś	76,172 \$	1,884,824	RESEARCH AND DEVELOPMENT	\$ 270,848,033
ACL CHALLENGE: INNOVATIVE TECHNOLOGY SOLUTIONS FOR SOCI	93.U01	N/A		-4	Ś	25.000 \$		N/A	\$ -
		• 1			Ý	, ¥	,0	···	

	Federal				Total Amount				
	Assistance	Additional Award		Identifying Number Assigned by	Provided to	Federal	ederal Program		
Federal Awarding Agency/Program Title	Number	Identification	Name of Funder Pass-Through Entity	Funder Pass-Through Entity	Sub-Recipients	Expenditures	Total	Cluster Name	Cluster Total
PA-FPT-21-001 DIRECTED SUPPLEMENT	93.U02	FPTPA006032			Ş	19,178 \$	19,178	N/A	\$ -
REPRODUCTIVE HEALTH NATIONAL TRAINING CENTER - OWH	93.U03	24OWH02	JSI RESEARCH AND TRAINING INSTITUTE INC.	240WH02	Ş	8,197 \$	8,197	N/A	\$ -
ADULT PROTECTIVE SERVICES PROJECT MANAGEMENT	93.U04	53405	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	53405	Ş	28,199 \$	28,199	N/A	\$ -
IMPROVING ORAL HEALTH TELEDENTISTRY SEALANTS	93.U05	DH220050861	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050861	Ş	62,805 \$	62,805	N/A	\$ -
IMPROVING ORAL HEALTH SCHOOL-BASED SEALANT & EDUCATION P	93.U06	DH240054270	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH240054270	9	25,157 \$	25,157	N/A	\$ -
WEINMAN CHILD ASSESSMENT CENTER - STATE PORTION	93.U07	PG272200015	MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG272200015		262,889 \$	262,889	N/A	Ś -
WEST PINE CHILD ASSESSMENT CENTER-STATE PORTION	93.U08	PG272200016	MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG272200016	·		255,565	N/A	\$ -
BARIATRIC SURGERY IMPACT ON CANCER STUDY I (BASICS I)	93.U09	AWD00007396-5	UNIVERSITY OF PITTSBURGH	AWD00007396-5	9		49,183	N/A	\$ -
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES					\$ 22,682,809 \$				
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE						<u> </u>			
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM									
(RSVP) 94.002	94.002	21SREMO008			5	55,177 \$	179,738	N/A	\$ -
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM	54.002	ZISKLIVIOUUS			,	, 33,177 3	173,730	14/7	,
(RSVP) 94.002	94.002	21SREMO011			5	39,189 \$	179,738	N/A	\$ -
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM	54.002	213KEWIO011			•	35,105 \$	1/3,/30	N/A	, .
(RSVP) 94.002	94.002	21SREMO014			4	23,408 \$	179,738	N/A	\$ -
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM	54.002	213KEWIO014			•	25,400 \$	1/3,/30	N/A	, .
(RSVP) 94.002	94.002	21SREMO015			\$	27,536 \$	179,738	N/A	\$ -
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM									
(RSVP) 94.002	94.002	24SREMO003			\$	19,955 \$	179,738	N/A	\$ -
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM (RSVP) 94.002	94.002	24SREMO004			Ş	7,422 \$	179,738	N/A	\$ -
AMERICORPS SENIORS RETIRED AND SENIOR VOLUNTEER PROGRAM									
(RSVP) 94.002	94.002	24SREM0005			Ş	,	179,738	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006	22NDEMO003			\$,	1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006	23AFEMO0010001			Ş		1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006		JUMPSTART	2420200	Ş	,	1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006		JUMPSTART	2420230	5	,	1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006		JUMPSTART	2420240	Ş	225,854 \$	1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006		MISSOURI COMMUNITY SERVICE COMMISSION	N/A	Ş	776,190 \$	1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	20AFHMO0010016	9	34,673 \$	1,390,136	N/A	\$ -
AMERICORPS STATE AND NATIONAL 94.006	94.006		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	21AC234994	Ş	82,355 \$	1,390,136	N/A	\$ -
AMERICORPS SEPTEMBER 11TH NATIONAL DAY OF SERVICE AND									
REMEMBRANCE GRANTS 94.012	94.012	20BIHMO001			Ş	35,399 \$	35,399	N/A	\$ -
COVID-19 - AMERICORPS SENIORS SENIOR DEMONSTRATION PROGRAM									
(FGP) 94.017	94.017	COVID19 - 22SDEMO001			\$	48,666 \$	48,666	N/A	\$ -
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE					\$	1,653,939			
DEPARTMENT OF HOMELAND SECURITY					_				
COOPERATING TECHNICAL PARTNERS	97.045		CITY OF KANSAS CITY MO	02000246	9	2,788 \$	2 700	RESEARCH AND DEVELOPMENT	\$ 270,848,033
COUPERATING TECHNICAL PARTNERS HOMELAND SECURITY GRANT PROGRAM			STATE EMERGENCY MANAGEMENT AGENCY	82000346			2,788		
TOTAL DEPARTMENT OF HOMELAND SECURITY	97.067		STATE EMEKGENCY MANAGEMENT AGENCY	AOC16380071	Ş		36,364	N/A	\$ -
					<u>\$</u>	39,152			
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT									
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		RESEARCH TRIANGLE INSTITUTE INTERNATIONAL	1-330-0219266-67506L	<u> </u>	55,000 \$	288,430	RESEARCH AND DEVELOPMENT	\$ 270,848,033
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		UNIVERSITY OF ILLINOIS SYSTEM	110223-19316	\$ 6,463 \$	189,696 \$	288,430	RESEARCH AND DEVELOPMENT	\$ 270,848,033
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		UNIVERSITY OF ILLINOIS SYSTEM	110223-19326	<u> </u>	582 \$	288,430	RESEARCH AND DEVELOPMENT	\$ 270,848,033
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		UNIVERSITY OF NEBRASKA LINCOLN	25-6211-0120-021	\$ 28,000 \$	43,152 \$	288,430	RESEARCH AND DEVELOPMENT	\$ 270,848,033
USAID DEVELOPMENT PARTNERSHIPS FOR UNIVERSITY COOPERATION AND DEVELOPMENT	98.012		UNIVERSITY OF ILLINOIS SYSTEM	106207-19315	5	6,832 \$	6.832	RESEARCH AND DEVELOPMENT	\$ 270.848.033
TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT					\$ 34,463 \$		-,,		,,
					y 34,405 \$	255,202			
TOTAL EXPENDITURE OF FEDERAL AWARDS					\$ 43,736,640 \$	1,012,366,371			

Please Note:

Italicized award lines indicate pass-through funding

The accompanying Notes to the Schedule of Expenditures of Federal Awards are an integral part of the schedule.

Basis of Presentation

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal award activity of University of Missouri System (the System) under programs of the federal government for the year ended June 30, 2024. The information in this 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 System, it is not intended to and does not present the financial position, changes in net assets or cash flows of the System.

Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following 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.

Indirect Cost Rate

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

Federal Loan Programs

The federal loan programs listed subsequently are administered directly by the System, and balances and transactions relating to these programs are included in the System's basic financial statements. Loans outstanding at the beginning of the year and loans made during the year are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2024 consists of:

Assistance Listing Number	Program Name		utstanding Balance t 6/30/2024
	DEPARTMENT OF EDUCATION LOAN PROGRAMS		
84.038	PERKINS LOAN PROGRAM	\$	5,771,425
84.268	FEDERAL DIRECT STUDENT LOANS		N/A
	DEPARTMENT OF HEALTH AND HUMAN SERVICES		
	LOAN PROGRAMS		
93.264	NURSE FACULTY LOAN PROGRAM (NFLP)	\$	4,597,992
	HEALTH PROFESSIONS STUDENT LOANS,	•	, ,
	INCLUDING PRIMARY CARE LOANS/LOANS FOR		
93.342	DISADVANTAGED STUDENTS		16,201,443
93.364	NURSING STUDENT LOANS		1,687,770

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Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards*

Independent Auditor's Report

The Board of Curators University of Missouri System Columbia, Missouri

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the business-type activities, the discretely presented component unit and the fiduciary activities of the University of Missouri System (the "System"), as of and for the year ended June 30, 2024 and the related notes to the financial statements, which collectively comprise the University of Missouri System's basic financial statements, and have issued our report thereon dated October 18, 2024.

Our report includes a reference to other auditors who audited the financial statements of the Kummer Institute Foundation, as described in our report on the University of Missouri System's financial statements. The financial statements of Kummer Institute Foundation were not audited in accordance with *Government Auditing Standards*, and accordingly, this report does not include reporting on internal control over financial reporting or compliance and other matters associated with the Kummer Institute Foundation or that are reported on separately by those auditors who audited the financial statements of the Kummer Institute Foundation.

Report on Internal Control Over Financial Reporting

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

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

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

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the System's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of This Report

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

Forvis Mazars, LLP

Kansas City, Missouri October 18, 2024 Forvis Mazars, LLP 1201 Walnut Street, Suite 1700 Kansas City, MO 64106 P 816.221.6300 | F 816.221.6380



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Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

Independent Auditor's Report

The Board of Curators University of Missouri System Columbia, Missouri

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited the University of Missouri System's (the System) compliance with the types of compliance requirements identified as subject to audit in the *OMB Compliance Supplement* that could have a direct and material effect on each of the System's major federal programs for the year ended June 30, 2024. The System's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the System complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2024.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*); 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 System and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the System'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 System'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 System's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, Government Auditing Standards, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the System's compliance with the requirements of each major federal program as a whole.

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design
 and perform audit procedures responsive to those risks. Such procedures include examining, on a
 test basis, evidence regarding the System'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 System'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 System'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 a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

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 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.

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

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

We have audited the financial statements of the business-type activities, the discretely presented component unit, and fiduciary activities of the System, as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the System's basic financial statements. We have issued our report thereon dated October 18, 2024, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

Forvis Mazars, LLP

Kansas City, Missouri March 28, 2025

Section I – Summary of Auditor's Results

Financ	ial	State	ments
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1.	Type of report the auditor issued on whet GAAP:	ther the financial statem	nents audited we	re prepared	in accordance with
		Adverse	Disclaimer		
2.	Internal control over financial reporting:				
	Material weakness(es) identified?] Yes	⊠No
	Significant deficiency(ies) identified?] Yes	
3.	Noncompliance material to the financial	statements noted?] Yes	⊠No
Fed	deral Awards				
4.	Internal control over major federal progra	ams:			
	Material weakness(es) identified?] Yes	⊠No
	Significant deficiency(ies) identified?	•] Yes	
5.	Type of auditor's report issued on compl	iance for major federal	programs:		
	□ Qualified □ Qualified	☐ Adverse	Disclaimer		
6.	Any audit findings disclosed that are requaccordance with 2 CFR 200.516(a)?	uired to be reported in] Yes	⊠ No
7.	Identification of major federal programs:				
	Assistance Listing Numbers	Name	of Federal Prog	ram or Clu	ster
	Multiple	Research and Develop	pment Cluster		
	10.561	SNAP Cluster			
	10.937	Partnerships for Clima	ate-Smart Comm	odities	
	21.027	Coronavirus State and	d Local Fiscal Re	covery Fun	ds
	93.243	Substance Abuse and	Mental Health S	Services	
	93.680	Medical Student Educ	ation		
8.	Dollar threshold used to distinguish betw	/een Type A and Type∃	B programs: \$3.0	037,099.	
	9	71	1 5		

University of Missouri System Schedule of Findings and Questioned Costs Year Ended June 30, 2024

(Continued)

Section II – Financial Statement Findings						
Reference Number	Finding					
	No matters are reportable.					
Section III – Fed	eral Award Findings and Questioned Costs					
Reference Number	Finding					

No matters are reportable.

University of Missouri System Summary Schedule of Prior Audit Findings Year Ended June 30, 2024

Reference		
Number	Summary of Finding	Status

No matters are reportable.