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# **University of Missouri System**

## **Single Audit Reports**

June 30, 2023

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**University of Missouri System**  
**Single Audit Reports and Schedule of Expenditures of Federal Awards**  
**Year Ended June 30, 2023**

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**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
<b>DEPARTMENT OF AGRICULTURE</b>									
<i>COVER CROP GERMPASM AND BREEDING IN SUPPORT OF NEW CULT</i>									
	10.000		NORTH CAROLINA STATE UNIVERSITY	2022-2667-01		\$44,999	\$44,999	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-0206-0-189				\$109,079	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-3060-1-039				\$29,314	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-3072-1-011				\$364,441	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5030-1-041				\$127,118	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5030-9-047				\$4,241	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-020				\$149,645	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-022				\$569,501	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-025				\$28,580	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-003				\$8,084	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-007				\$29,548	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-008				\$2,287	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-012				\$201,756	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-016				\$42,134	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-018				\$850	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-019				\$12,939	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-007				\$178,009	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-008				\$56,339	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-009				\$35,249	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-010				\$263,059	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-012				\$325	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-017				\$63,762	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-021				\$12,605	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-025				\$75,669	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-026				\$203,226	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-027				\$56,127	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-028				\$6,065	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-2-033				\$14,859	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-3-013				\$134	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-3-014				\$8,846	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-3-015				\$56,817	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-3-016				\$37,788	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-3-018				\$125,840	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-3-019				\$5,985	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-9-016				\$12,055	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-9-017				-\$5,411	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-6020-0-007				\$782,241	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-6066-3-004				\$11,757	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-8030-0-008				\$10,566	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-8082-3-004				\$2,150	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-0206-0-125				-\$59	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-0206-1-205				\$10,210	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-0206-2-094				\$18,806	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-3030-2-001				\$123,737	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-2-002				\$15,871	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-2-003				\$87,937	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-3-002				\$85,109	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-3-003				\$16,933	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-3-004				\$41,402	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-3-005				\$36,444	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-2-005				\$81	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-2-006				\$23,550	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-2-007				\$67,504	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-2-013				\$36,995	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-2-019				\$11,720	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-2-022				\$16,700	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-3-005				\$51,931	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-3-006				\$57,207	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-3-007				\$21,329	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-3-013				\$33,877	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-3-014				\$9,841	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-3-018				\$30,036	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001		MISSISSIPPI STATE UNIVERSITY	182090.310330.01		\$55,946	\$4,546,686	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$16,220	\$418,662	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP20VSD&B000C082				\$3,925	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21PPQS&T00C120				\$9,704	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21VSD&B000C028				\$63,541	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21VSD&B000C129				\$151,093	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21VSSP000C039				\$62,786	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP22VSSP000C002			\$41,256	\$65,519	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP23VSD&B000C002				\$31,094	\$418,662	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE</i>	<i>10.025</i>		<i>OKLAHOMA STATE UNIVERSITY</i>	<i>5 556302 - UM</i>		<i>22630</i>	<i>\$418,662</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
WILDLIFE SERVICES	10.028	AP20WSNWR00C037				\$22,287	\$631,726	RESEARCH AND DEVELOPMENT	\$236,337,620
WILDLIFE SERVICES	10.028	AP20WSNWR00C038				\$53,464	\$631,726	RESEARCH AND DEVELOPMENT	\$236,337,620
WILDLIFE SERVICES	10.028	AP22WSNWR00C001				\$17,188	\$631,726	RESEARCH AND DEVELOPMENT	\$236,337,620
WILDLIFE SERVICES	10.028	AP22WSNWR00C019				\$147,059	\$631,726	RESEARCH AND DEVELOPMENT	\$236,337,620
WILDLIFE SERVICES	10.028	AP22WSNWR00C068				\$358,073	\$631,726	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>WILDLIFE SERVICES</i>	<i>10.028</i>		<i>MISSISSIPPI STATE UNIVERSITY</i>	<i>RC113415 - Missouri</i>		<i>\$33,655</i>	<i>\$631,726</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
CONSERVATION RESERVE PROGRAM	10.069	NR206424XXXXG001				\$11,012	\$116,152	N/A	\$0
<i>CONSERVATION RESERVE PROGRAM</i>	<i>10.069</i>		<i>DUCKS UNLIMITED INC</i>	<i>RS-55-1</i>		<i>\$105,140</i>	<i>\$116,152</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>WETLANDS RESERVE PROGRAM</i>	<i>10.072</i>		<i>NATURE CONSERVANCY</i>	<i>20180705-02</i>		<i>\$112,608</i>	<i>\$131,535</i>	<i>N/A</i>	<i>\$0</i>
<i>WETLANDS RESERVE PROGRAM</i>	<i>10.072</i>		<i>UNIVERSITY OF ARKANSAS</i>	<i>NR213A750009C001-2</i>		<i>\$18,927</i>	<i>\$131,535</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>MARKET NEWS</i>	<i>10.153</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>N/A</i>		<i>\$12,914</i>	<i>\$12,914</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
WHOLESALE FARMERS AND ALTERNATIVE MARKET DEVELOPMENT	10.164	21-TMMSD-MO-0012				\$42,522	\$42,522	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANSPORTATION SERVICES	10.167	20-TMSTD-MO-0002				\$43,547	\$43,547	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM190100XXXXG029</i>		<i>\$17,433</i>	<i>\$431,207</i>	<i>N/A</i>	<i>\$0</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM200100XXXXG064</i>		<i>\$25,040</i>	<i>\$431,207</i>	<i>N/A</i>	<i>\$0</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM225CBPMO1152</i>		<i>\$42,116</i>	<i>\$431,207</i>	<i>N/A</i>	<i>\$0</i>
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	AM190200XXXXG010			\$117,728	\$254,832	\$431,207	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>LINCOLN UNIVERSITY</i>	<i>2021-3674</i>		<i>\$2,182</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>21SCBPMO1020</i>		<i>\$12,536</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>21SCBPMO1068</i>		<i>\$14,618</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM190100XXXXG029 Proj 5</i>		<i>\$2,270</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM200100XXXXG064, Prj 11</i>		<i>\$12,419</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM200100XXXXG064, Prj 2</i>		<i>\$9,127</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM200100XXXXG064, Prj 7</i>		<i>\$13,707</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM200100XXXXG064, Project</i>		<i>\$11,222</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>AM225CBPMO1152</i>		<i>\$9,258</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI DEPARTMENT OF AGRICULTURE</i>	<i>N/A</i>		<i>\$1,034</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>MISSOURI VEGETABLE GROWERS ASSOCIATION</i>	<i>N/A</i>		<i>\$3,413</i>	<i>\$431,207</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
ACER ACCESS DEVELOPMENT PROGRAM	10.174	21ACERMO1005			\$3,171	\$79,149	\$79,149	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM (B)</i>	<i>10.175</i>		<i>OREGON FARMERS MARKETS ASSOCIATION</i>	<i>N/A</i>		<i>\$27,880</i>	<i>\$27,880</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>DAIRY BUSINESS INNOVATION INITIATIVES (B)</i>	<i>10.176</i>		<i>SUPERSONIC</i>	<i>N/A</i>		<i>\$13,225</i>	<i>\$13,225</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
COOPERATIVE FORESTRY RESEARCH	10.202	N122MSCFRXXXG015				\$106,471	\$618,844	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE FORESTRY RESEARCH	10.202	N123MSCFRXXXG027				\$512,373	\$618,844	RESEARCH AND DEVELOPMENT	\$236,337,620
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	N122HFPPXXXG008				\$1,430,485	\$7,037,810	RESEARCH AND DEVELOPMENT	\$236,337,620
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	N122HMFPXXXG012				\$632,876	\$7,037,810	RESEARCH AND DEVELOPMENT	\$236,337,620
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	N123HFPPXXXG004				\$4,008,039	\$7,037,810	RESEARCH AND DEVELOPMENT	\$236,337,620
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	N123HMFPXXXG005				\$966,410	\$7,037,810	RESEARCH AND DEVELOPMENT	\$236,337,620
ANIMAL HEALTH AND DISEASE RESEARCH	10.207	N122AHDRXXXG062				\$20,534	\$54,311	RESEARCH AND DEVELOPMENT	\$236,337,620
ANIMAL HEALTH AND DISEASE RESEARCH	10.207	N123AHDRXXXG069				\$33,777	\$54,311	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHER EDUCATION D GRADUATE FELLOWSHIPS GRANT PROGRAM	10.210	2019-38420-28972				\$34,287	\$113,429	N/A	\$0
HIGHER EDUCATION D GRADUATE FELLOWSHIPS GRANT PROGRAM	10.210	2020-38420-30720				\$79,142	\$113,429	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H007179332</i>		<i>\$25,780</i>	<i>\$372,787</i>	<i>N/A</i>	<i>\$0</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H007179344</i>		<i>\$3,189</i>	<i>\$372,787</i>	<i>N/A</i>	<i>\$0</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H008568301</i>		<i>\$26,478</i>	<i>\$372,787</i>	<i>N/A</i>	<i>\$0</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H008334019</i>		<i>\$2,195</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H008568328</i>		<i>\$59,754</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H008917107</i>		<i>\$73,911</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H008917130</i>		<i>\$4,739</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H009277409</i>		<i>\$48,143</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H009277424</i>		<i>\$127,949</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>UNIVERSITY OF MINNESOTA</i>	<i>H009987630</i>		<i>\$649</i>	<i>\$372,787</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>
<i>1890 INSTITUTION CAPACITY BUILDING GRANTS</i>	<i>10.216</i>		<i>LINCOLN UNIVERSITY</i>	<i>2018-3641</i>		<i>\$13,836</i>	<i>\$116,031</i>	<i>RESEARCH AND DEVELOPMENT</i>	<i>\$236,337,620</i>

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3662		\$16,590	\$116,031	RESEARCH AND DEVELOPMENT	\$236,337,620
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3675		\$20,531	\$116,031	RESEARCH AND DEVELOPMENT	\$236,337,620
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3676		\$23,863	\$116,031	RESEARCH AND DEVELOPMENT	\$236,337,620
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3677		\$3,095	\$116,031	RESEARCH AND DEVELOPMENT	\$236,337,620
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	22019-38821-29050		\$37,196	\$116,031	RESEARCH AND DEVELOPMENT	\$236,337,620
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	N/A		\$920	\$116,031	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	2023-70003-38768				\$41,817	\$72,158	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	2023-70003-38775				\$22,201	\$72,158	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217		PURDUE UNIVERSITY	F0003792902023		\$8,140	\$72,158	RESEARCH AND DEVELOPMENT	\$236,337,620
SECONDARY AND TWO-YEAR POSTSECONDARY AGRICULTURE EDUCATION CHALLENGE GRANTS	10.226	2022-38414-37918			\$8,173	\$61,811	\$61,811	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING & ENGAGEMENT	10.229		EXTENSION FOUNDATION	EXC3-2022-2248		\$9,838	\$77,220	N/A	\$0
EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING & ENGAGEMENT	10.229		EXTENSION FOUNDATION	EXC2-2021-2117	\$1,585	\$67,382	\$77,220	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOPRODUCT PILOT PROGRAM	10.236		VIRGINIA TECH	423701-19228		\$10,353	\$10,353	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-3000-0-0036				\$21,391	\$85,123	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-6000-0-0053				\$21,985	\$85,123	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-6000-1-0098				\$23,425	\$85,123	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-6000-2-0116				\$18,322	\$85,123	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSUMER DATA AND NUTRITION RESEARCH	10.253		TUFTS UNIVERSITY	AG0024		\$5,953	\$5,953	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290	58-0111-21-017				\$59,902	\$103,069	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290	58-0111-21-018			\$33,100	\$43,167	\$103,069	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-20-016				\$9,227	\$2,537,590	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-21-009			\$32,420	\$303,832	\$2,537,590	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-21-012			\$106,828	\$1,262,359	\$2,537,590	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-22-015			\$100,399	\$828,384	\$2,537,590	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-22-017				\$152,242	\$2,537,590	RESEARCH AND DEVELOPMENT	\$236,337,620
INTEGRATED PROGRAMS	10.303	2020-51106-32359			\$10,528	\$82,029	\$84,122	RESEARCH AND DEVELOPMENT	\$236,337,620
INTEGRATED PROGRAMS	10.303		LINCOLN UNIVERSITY	2022-3685		\$2,093	\$84,122	RESEARCH AND DEVELOPMENT	\$236,337,620
HOMELAND SECURITY_AGRICULTURAL	10.304	2021-37624-35453				-\$14,162	\$255,689	RESEARCH AND DEVELOPMENT	\$236,337,620
HOMELAND SECURITY_AGRICULTURAL	10.304	2022-37624-38175				\$236,624	\$255,689	RESEARCH AND DEVELOPMENT	\$236,337,620
HOMELAND SECURITY_AGRICULTURAL	10.304		MISSISSIPPI STATE UNIVERSITY	RC112910M		\$8,570	\$255,689	RESEARCH AND DEVELOPMENT	\$236,337,620
HOMELAND SECURITY_AGRICULTURAL	10.304		UNIVERSITY OF MICHIGAN	C114390UM		\$24,657	\$255,689	RESEARCH AND DEVELOPMENT	\$236,337,620
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		LINCOLN UNIVERSITY	2022-3705		\$28,815	\$42,676	RESEARCH AND DEVELOPMENT	\$236,337,620
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		WINROCK INTERNATIONAL	7009-21-A-04		\$13,861	\$42,676	RESEARCH AND DEVELOPMENT	\$236,337,620
SPECIALTY CROP RESEARCH INITIATIVE	10.309	2021-51181-35860			\$247,941	\$1,069,441	\$1,123,680	RESEARCH AND DEVELOPMENT	\$236,337,620
SPECIALTY CROP RESEARCH INITIATIVE	10.309		VIRGINIA TECH	422652-19228		\$54,239	\$1,123,680	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67032-29290				\$76,625	\$6,050,919	N/A	\$0
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-68015-38423				\$34,816	\$6,050,919	N/A	\$0
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF ARKANSAS	5A1909233		\$188,744	\$6,050,919	N/A	\$0
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67017-34007				\$25,403	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67013-36136			\$20,872	\$78,938	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-37123			\$21,409	\$102,878	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2014-68006-32996				\$19,681	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2016-67015-24741				\$380	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67013-30632				\$215,564	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26451				\$25,553	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26587				\$93,685	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26630				\$88	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2018-67013-27536				\$241,928	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2018-67015-27598			\$6,885	\$215,061	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2018-67017-27880				\$77	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2018-68008-27891			\$21,703	\$106,875	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67011-29709				-\$62	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67012-29655				\$39,958	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67013-29313			\$1,640	\$74,458	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67015-28998			\$16,444	\$328,747	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67015-29484				\$67,130	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67021-28993				\$73,417	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67013-30908				\$101,141	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-30829				\$168,572	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31016				\$73,047	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31017				\$57,735	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31132				\$32,482	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31574			\$5,776	\$135,569	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67030-31336				\$36,527	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-68006-35036			\$237,253	\$283,973	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33402				\$222,760	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33404				\$26,252	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33405				\$17,778	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-37521				\$87,766	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67019-35068			\$98,163	\$126,248	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-33448				\$66,441	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-34254				\$125,877	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-34504			\$11,360	\$45,577	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67023-33824				\$129,115	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67034-35142				\$34,396	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-68006-33835				\$108,299	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-68006-33890			\$64,728	\$146,792	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67011-36566				\$68,419	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67011-36568				\$56,592	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67013-36287			\$95,023	\$138,529	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67014-36134			\$62,910	\$118,688	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-36218				\$74,351	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-36299				\$149,728	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67015-36301				\$49,286	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-67021-36604			\$14,307	\$16,232	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-68008-36646			\$4,658	\$40,594	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2022-69016-36101				\$86,833	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67011-40485				\$2,322	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67012-39265				\$55,824	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67013-39896				\$22,233	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67013-39906				\$10,349	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67013-40244				\$26,198	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67015-39261				\$22,856	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67015-39262				\$8,576	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-67017-39466				\$10,297	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2023-68012-38993			\$6,325	\$71,286	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		DONALD DANFORTH PLANT SCIENCE CENTER	N/A		\$37,384	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		IOWA STATE UNIVERSITY	022848A		\$75,847	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		IOWA STATE UNIVERSITY	024408E		\$69,068	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		IOWA STATE UNIVERSITY	024806B		\$84,677	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		ILLINOIS STATE UNIVERSITY	A20-0051-S001		\$48,325	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		KANSAS STATE UNIVERSITY	A20-0483-S001		\$23,270	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		LINCOLN UNIVERSITY	2022-3691		\$33,102	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		MICHIGAN STATE UNIVERSITY	RC112134A		\$19,428	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		NORTH CAROLINA STATE UNIVERSITY	2019-1507-14		\$64,386	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		NORTH CAROLINA STATE UNIVERSITY	PAM-P20-000938-SA02		\$96,533	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		PURDUE UNIVERSITY	F9002796702008		\$36,392	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		SOUTH DAKOTA STATE UNIVERSITY	37CA93		\$199,871	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		SOUTH DAKOTA STATE UNIVERSITY	37G077		\$12,370	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF CALIFORNIA DAVIS	A20-2113-S001		\$91,799	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF GEORGIA	SUB00002159		\$24,015	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	090754-17910		\$3,122	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MARYLAND	91211-25214202		\$5,293	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MEMPHIS	A20-0249-S001		\$10,879	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE	9500098104		\$49,674	\$6,050,919	RESEARCH AND DEVELOPMENT	\$236,337,620
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	2018-70017-28578				\$49,662	\$225,833	N/A	\$0
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	2021-70033-35713	APPALACHIAN STATE UNIVERSITY	A21-0030-S002		\$5,765	\$225,833	N/A	\$0
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311		WEST CENTRAL MISSOURI COMMUNITY ACTION AGENCY	N/A		\$168,167	\$225,833	RESEARCH AND DEVELOPMENT	\$236,337,620
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311					\$2,239	\$225,833	RESEARCH AND DEVELOPMENT	\$236,337,620
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	2019-38504-29890			\$18,363	\$22,361	\$380,405	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	2020-38504-32381			\$115,999	\$121,106	\$380,405	RESEARCH AND DEVELOPMENT	\$236,337,620
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	2021-38504-35300			\$169,662	\$186,888	\$380,405	RESEARCH AND DEVELOPMENT	\$236,337,620
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	2022-38504-37841			\$46,051	\$50,050	\$380,405	RESEARCH AND DEVELOPMENT	\$236,337,620
SUN GRANT PROGRAM	10.320		KANSAS STATE UNIVERSITY	A21-0688-S001		\$34,207	\$51,180	RESEARCH AND DEVELOPMENT	\$236,337,620
SUN GRANT PROGRAM	10.320		TEXAS A&M UNIVERSITY	M2200257		\$5,250	\$51,180	RESEARCH AND DEVELOPMENT	\$236,337,620
SUN GRANT PROGRAM	10.320		TEXAS A&M UNIVERSITY	M2202268		\$11,723	\$51,180	RESEARCH AND DEVELOPMENT	\$236,337,620
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326		MISSOURI STATE UNIVERSITY	20149-001		\$4,181	\$21,374	RESEARCH AND DEVELOPMENT	\$236,337,620
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326		UNIVERSITY OF TENNESSEE	2021-70001-34771-1		\$17,193	\$21,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328	2020-70020-32267			\$12,586	\$89,445	\$165,409	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328	2022-70020-37571			\$13,251	\$35,604	\$165,409	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328		UNIVERSITY OF WISCONSIN MADISON	0000002591		\$40,360	\$165,409	RESEARCH AND DEVELOPMENT	\$236,337,620
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329	2021-70006-35511			\$11,746	\$174,353	\$178,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		IOWA STATE UNIVERSITY	026461Q		\$3,774	\$178,127	RESEARCH AND DEVELOPMENT	\$236,337,620
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		SOUTH DAKOTA STATE UNIVERSITY	3TG372		\$11,395	\$11,395	RESEARCH AND DEVELOPMENT	\$236,337,620
FOOD INSECURITY NUTRITION INCENTIVE GRANTS PROGRAM	10.331		MID AMERICA REGIONAL COUNCIL	N/A		\$160,255	\$160,255	N/A	\$0
AGRICULTURAL GENOME TO PHENOME INITIATIVE	10.332		IOWA STATE UNIVERSITY	19990		\$19,990	\$61,682	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURAL GENOME TO PHENOME INITIATIVE	10.332		IOWA STATE UNIVERSITY	41692		\$41,692	\$61,682	RESEARCH AND DEVELOPMENT	\$236,337,620
ENHANCING AGRICULTURAL OPPORTUNITIES FOR MILITARY VETERANS COMPETITIVE GRANTS PROGRAM	10.334		DAIRY GRAZING APPRENTICESHIP	N/A		-\$1,618	\$49,257	RESEARCH AND DEVELOPMENT	\$236,337,620
ENHANCING AGRICULTURAL OPPORTUNITIES FOR MILITARY VETERANS COMPETITIVE GRANTS PROGRAM	10.334		MICHIGAN FOOD AND FARMING SYSTEM	N/A		\$50,875	\$49,257	RESEARCH AND DEVELOPMENT	\$236,337,620
VETERINARY SERVICES GRANT PROGRAM	10.336	2019-70024-30316				\$39,087	\$89,283	N/A	\$0
VETERINARY SERVICES GRANT PROGRAM	10.336	2020-70024-32367				\$50,196	\$89,283	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRICULTURE INNOVATION CENTER DEMONSTRATION PROGRAM (B) OUTREACH AND ASSISTANCE FOR SOCIALLY DISADVANTAGED AND VETERAN FARMERS AND RANCHERS	10.377	R08683475247				\$85,237	\$85,237	N/A	\$0
OUTREACH AND ASSISTANCE FOR SOCIALLY DISADVANTAGED AND VETERAN FARMERS AND RANCHERS	10.443		DAIRY GRAZING APPRENTICESHIP	N/A		\$728	\$114,092	N/A	\$0
VETERAN FARMERS AND RANCHERS	10.443	AO212501X443G004				\$113,364	\$114,092	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE EXTENSION SERVICE	10.500	2018-41590-28716			\$24,902	\$154,876	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500	2019-41210-30095				\$87,393	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500	2019-41520-30039				\$141,618	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500	2019-48540-30098			\$211,462	\$326,037	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2022-2216		\$2,520	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		MISSISSIPPI STATE UNIVERSITY	018000.342090.02		\$15,082	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0207-012		\$47,032	\$893,837	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500	2021-41210-35029				\$46,782	\$893,837	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE EXTENSION SERVICE	10.500	2022-41590-38128			\$16,806	\$51,399	\$893,837	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2021-2144		\$1,619	\$893,837	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE EXTENSION SERVICE	10.500		EXTENSION FOUNDATION	NTAE-2022-2187		\$14,769	\$893,837	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE EXTENSION SERVICE	10.500		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0187-314		\$4,710	\$893,837	RESEARCH AND DEVELOPMENT	\$236,337,620
SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511	N1225LBCXXXXG029				\$3,432,370	\$8,885,390	N/A	\$0
SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511	N1235LBCXXXXG036				\$5,453,020	\$8,885,390	N/A	\$0
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514	N121FNEPXXXXG004				\$355,961	\$1,352,219	N/A	\$0
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514	N122FNEPXXXXG018				\$996,258	\$1,352,219	N/A	\$0
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515	N122RREAFXXXXG023				-\$996	\$38,815	N/A	\$0
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515	N123RREAFXXXXG030				\$39,811	\$38,815	N/A	\$0
RURAL HEALTH AND SAFETY EDUCATION COMPETITIVE GRANTS PROGRAM	10.516	2021-46100-35382				\$147,110	\$203,377	N/A	\$0
RURAL HEALTH AND SAFETY EDUCATION COMPETITIVE GRANTS PROGRAM	10.516	2022-46100-38171				\$56,267	\$203,377	N/A	\$0
EQUIPMENT GRANTS PROGRAM (EGP)	10.519	2021-70410-35303				\$62,500	\$62,500	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

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AGRICULTURE RISK MANAGEMENT EDUCATION PARTNERSHIPS COMPETITIVE GRANTS PROGRAM	10.520		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0207-110		\$11,457	\$11,457	RESEARCH AND DEVELOPMENT	\$236,337,620
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		UNIVERSITY OF ILLINOIS SYSTEM	101598-18132		\$58,935	\$266,957	N/A	\$0
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	101598-18133		\$115,417	\$266,957	N/A	\$0
COVID-19 - FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525	COVID-19	MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$92,605	\$266,957	RESEARCH AND DEVELOPMENT	\$236,337,620
SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC11380234 TA 22905		-\$2,496	\$31,780	N/A	\$0
SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050709		\$34,276	\$31,780	N/A	\$0
CHILD AND ADULT CARE FOOD PROGRAM	10.558		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	ERS46110020		-\$2,862	\$2,960	N/A	\$0
CHILD AND ADULT CARE FOOD PROGRAM	10.558		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A		\$5,822	\$2,960	N/A	\$0
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC18380029		\$16,584	\$10,423,027	SNAP CLUSTER	\$10,423,027
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC18380165	\$26,015	\$10,304,531	\$10,423,027	SNAP CLUSTER	\$10,423,027
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC23380022		\$101,912	\$10,423,027	SNAP CLUSTER	\$10,423,027
TECHNICAL ASSISTANCE FOR SPECIALTY CROPS PROGRAM	10.604	TASC-2022-03				\$220,839	\$220,839	RESEARCH AND DEVELOPMENT	\$236,337,620
INTERNATIONAL AGRICULTURAL EDUCATION FELLOWSHIP PROGRAM	10.619	FX22AE-10619R003				\$17,876	\$17,876	N/A	\$0
SCIENTIFIC EXCHANGES PROGRAM	10.620	FX21SX-10620R009			\$162,200	\$329,644	\$329,644	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE FORESTRY ASSISTANCE	10.664	21-CA-11132540-034				\$58,299	\$59,109	N/A	\$0
COOPERATIVE FORESTRY ASSISTANCE	10.664		TEXAS A&M UNIVERSITY	CO-21-029		\$6	\$59,109	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE FORESTRY ASSISTANCE	10.664		UNIVERSITY OF KENTUCKY	3200002267-20-228		\$804	\$59,109	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	16-JV-11242311-118				-\$19,430	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	17-JV-11242311-025				\$3,948	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	17-JV-11242311-032				\$305	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	18-JV-11242311-068				\$1,907	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	21-CS-11090500-016				\$41,809	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	22-CS-11090100-016				\$2,419	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
PARTNERSHIP AGREEMENTS	10.699	22-CS-11090500-040				\$923	\$31,881	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-013				\$37,123	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-071				\$20,283	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-073				\$219,061	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-092				\$7,288	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242313-035				\$156,105	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	20-CR-11242314-108				\$20,718	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	20-JV-11242311-060				\$37,329	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	21-JV-11242311-037				\$7,556	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	22-JV-11242311-039				\$2,146	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	23-JV-11242302-009				\$2,025	\$509,634	RESEARCH AND DEVELOPMENT	\$236,337,620
INFRASTRUCTURE INVESTMENT AND JOB ACT JOINT FIRE SCIENCE PROGRAM	10.714	23-JV-11242311-042				\$5,682	\$5,682	RESEARCH AND DEVELOPMENT	\$236,337,620
RURAL INNOVATION STRONGER ECONOMY	10.755	29-000-249451816			\$25,000	\$55,316	\$55,316	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R013				\$368	\$510,174	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R018				\$8,656	\$510,174	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R019				\$44,731	\$510,174	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R027				\$256,272	\$510,174	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX20BF-10777R005				\$40,905	\$510,174	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX21BF-10777R004				\$53,515	\$510,174	RESEARCH AND DEVELOPMENT	\$236,337,620
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX21BF-10777R006				\$58,344	\$510,174	RESEARCH AND DEVELOPMENT	\$236,337,620
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX21BF-10777R007				\$47,383	\$510,174	RESEARCH AND DEVELOPMENT	\$236,337,620
RURAL ENERGY FOR AMERICA PROGRAM	10.868	249451816				\$2,778	\$2,778	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	68-6424-17-014				\$104	\$504,020	N/A	\$0



**UNIVERSITY OF MISSOURI SYSTEM**  
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						Expenditures	Total		
SOIL AND WATER CONSERVATION	10.902	NR186424XXXXG011				\$569	\$504,020	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR193A750023C006				\$10,678	\$504,020	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXG001				\$3,387	\$504,020	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR206424XXXXG001				\$2,921	\$504,020	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR206424XXXXG008				\$22,862	\$504,020	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR183A750023C006	DAIRY GRAZING APPRENTICESHIP	N/A		\$129,134	\$504,020	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC004				\$20,316	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC004				\$107,351	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC005				\$5,461	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXG002				\$77,336	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL AND WATER CONSERVATION	10.902	NR216424XXXXC023				\$24,730	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL AND WATER CONSERVATION	10.902	NR216424XXXXC023	IOWA SOYBEAN ASSOCIATION	N/A		\$54,473	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL AND WATER CONSERVATION	10.902	NR216424XXXXC023	UNIVERSITY OF NEBRASKA LINCOLN	25-6321-0415-004		\$44,698	\$504,020	RESEARCH AND DEVELOPMENT	\$236,337,620
SOIL SURVEY	10.903	NR205A12XXXXC002				\$4,373	\$4,373	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	69-6424-16-517				-\$681	\$146,241	N/A	\$0
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR186424XXXXG014				\$20,979	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR213A750025C004				\$13,517	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR216424XXXXG004				\$24,125	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR216424XXXXG004	ALITA ANN JOHNSON REVOCABLE TRUST	N/A		\$2,862	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR216424XXXXG004	EVNIROSCAPES ECOLOGICAL CONSULTING LLC	N/A		\$35,390	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR216424XXXXG004	INDIANA UNIVERSITY OF PENNSYLVANIA	1718-172.002		\$7,093	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR216424XXXXG004	UNIVERSITY OF KENTUCKY	3200004692-22-216		\$42,956	\$146,241	RESEARCH AND DEVELOPMENT	\$236,337,620
GRASSLAND RESERVE PROGRAM	10.920	NR223A750023C005				\$32,577	\$32,577	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION STEWARDSHIP PROGRAM	10.924	NR186424XXXXG011				\$8,673	\$115,153	N/A	\$0
CONSERVATION STEWARDSHIP PROGRAM	10.924	NR203A750023C010				\$7,478	\$115,153	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION STEWARDSHIP PROGRAM	10.924	NR203A750023C013				\$99,002	\$115,153	RESEARCH AND DEVELOPMENT	\$236,337,620
FERAL SWINE ERADICATION AND CONTROL PILOT PROGRAM (C, Z)	10.934	NR223A750004G010	MISSOURI DEPARTMENT OF CONSERVATION	CPLC # STW-02-2020-276		\$373,359	\$373,359	N/A	\$0
Partnerships for Climate-Smart Commodities	10.937	NR223A750004G010			\$5,002	\$70,691	\$70,691	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX18TA-10960R024				\$99,000	\$1,411,158	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R004				\$282,552	\$1,411,158	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R010				\$265,002	\$1,411,158	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R015				\$137,086	\$1,411,158	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R016				\$258,492	\$1,411,158	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX21TA-10960C016				\$19,351	\$1,411,158	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX21TA-10960R021			\$36,303	\$224,499	\$1,411,158	RESEARCH AND DEVELOPMENT	\$236,337,620
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX22TA-10960R003				\$19,139	\$1,411,158	RESEARCH AND DEVELOPMENT	\$236,337,620
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX22TA-10960R014				\$25,342	\$1,411,158	RESEARCH AND DEVELOPMENT	\$236,337,620
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX22TA-10960R019				\$80,695	\$1,411,158	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENTIFIC COOPERATION AND RESEARCH	10.961	FX20SR-10961R005			\$6,000	\$32,678	\$80,952	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENTIFIC COOPERATION AND RESEARCH	10.961	FX21SR-10961R003				\$39,425	\$80,952	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENTIFIC COOPERATION AND RESEARCH	10.961	FX22SR-10961R006				\$8,849	\$80,952	RESEARCH AND DEVELOPMENT	\$236,337,620
COCHRAN FELLOWSHIP PROGRAM-INTERNATIONAL TRAINING-FOREIGN PARTICIPANT	10.962	FX20CO-10962R012				\$48,863	\$162,258	N/A	\$0
COCHRAN FELLOWSHIP PROGRAM-INTERNATIONAL TRAINING-FOREIGN PARTICIPANT	10.962	FX20CO-10962R017				\$44,281	\$162,258	N/A	\$0
COCHRAN FELLOWSHIP PROGRAM-INTERNATIONAL TRAINING-FOREIGN PARTICIPANT	10.962	FX21CO-10962R003				\$69,114	\$162,258	N/A	\$0
US FOREST SERVICE - MISSOURI S&T STUDENT INTERNS	10.RD	18-PA-11090500-041				\$24,957	\$451,147	RESEARCH AND DEVELOPMENT	\$236,337,620
EFFECTS ON BISON DURING PRAIRIE RESTORATION	10.RD	20-CS-11091500-009				\$212,086	\$451,147	RESEARCH AND DEVELOPMENT	\$236,337,620
MU-OSAGE FOOD & AGRICULTURE PROGRAM FOR TRIBAL STUDENT R WORKFORCE DEVELOPMENT NATIONAL ASSESSMENT AND FRAMEWORK	10.RD	2021-70411-35214				\$43,092	\$451,147	RESEARCH AND DEVELOPMENT	\$236,337,620
ANIMAL STUDIES IN SUPPORT EVALUATION OF SARS-COV-2 ORAL MRBI STUDY - MORRIS	10.RD	209624	MRI GLOBAL	209624		\$2,766	\$451,147	RESEARCH AND DEVELOPMENT	\$236,337,620
	10.RD	28027853-15C001777	ORA CLAY MORRIS JR	28027853-15C001777		\$49,618	\$451,147	RESEARCH AND DEVELOPMENT	\$236,337,620
FOOD INSECURITY AND CHRONIC DISEASES IN LOW-INCOME OLDER UTILITIES CONNECTION-USDA RESEARCH LAB	10.U01	3200002889-20-245	UNIVERSITY OF KENTUCKY	3200002889-20-245	\$34,422	\$98,628	\$451,147	RESEARCH AND DEVELOPMENT	\$236,337,620
AGRIBUSINESS DEVELOPMENT ACTIVITY	10.U02	W912DQ23C4008	CHEMONICS INTERNATIONAL INC	SUB-965		\$387,384	\$387,384	N/A	\$0
WEST CENTRAL MISSOURI FOOD VALUE CHAIN PROJECT	10.U03	SUB-965	WEST CENTRAL MISSOURI COMMUNITY ACTION AGENCY	N/A		\$55,592	\$55,592	N/A	\$0
WEST CENTRAL MISSOURI FOOD VALUE CHAIN PROJECT	10.U03	N/A				\$11,698	\$11,698	N/A	\$0
<b>TOTAL DEPARTMENT OF AGRICULTURE</b>						<b>\$2,328,355</b>	<b>\$54,679,163</b>		

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
<b>DEPARTMENT OF COMMERCE</b>									
CLUSTER GRANTS	11.020	ED19HDQ0200011				\$71,182	\$71,182	RESEARCH AND DEVELOPMENT	\$236,337,620
STATE DIGITAL EQUITY PLANNING AND CAPACITY GRANT	11.032		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A		\$2,639	\$113,204	N/A	\$0
STATE DIGITAL EQUITY PLANNING AND CAPACITY GRANT	11.032		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	29-30-DP314		\$12,061	\$113,204	RESEARCH AND DEVELOPMENT	\$236,337,620
STATE DIGITAL EQUITY PLANNING AND CAPACITY GRANT	11.032		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A		\$98,504	\$113,204	RESEARCH AND DEVELOPMENT	\$236,337,620
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303	ED18DEN3030029				\$213,806	\$213,806	N/A	\$0
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19				-\$3,307	\$682,145	ECONOMIC DEVELOPMENT CLUSTER	\$682,145
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19			\$29,233	\$405,431	\$682,145	ECONOMIC DEVELOPMENT CLUSTER	\$682,145
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19				\$257,715	\$682,145	ECONOMIC DEVELOPMENT CLUSTER	\$682,145
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19	MID AMERICA REGIONAL COUNCIL	05-79-06096		\$25,768	\$682,145	ECONOMIC DEVELOPMENT CLUSTER	\$682,145
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19	TECH ENTREPRENEUR CENTER INC	EDA20210502		-\$3,462	\$682,145	ECONOMIC DEVELOPMENT CLUSTER	\$682,145
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313	ED21HDQ3130131				\$186,573	\$1,063,827	N/A	\$0
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313	ED22HDQ3130107				\$877,254	\$1,063,827	N/A	\$0
WEATHER AND AIR QUALITY RESEARCH	11.459	NA200AR4590452				\$154,298	\$154,298	RESEARCH AND DEVELOPMENT	\$236,337,620
UNALLIED SCIENCE PROGRAM	11.472	NA19NMF4720227			\$1,600	\$5,910	\$5,910	RESEARCH AND DEVELOPMENT	\$236,337,620
MANUFACTURING EXTENSION PARTNERSHIP	11.611		MISSOURI ENTERPRISE BUS ASSISTANCE	N/A		\$480,223	\$486,488	N/A	\$0
MANUFACTURING EXTENSION PARTNERSHIP	11.611		MISSOURI ENTERPRISE BUS ASSISTANCE	00077563		\$6,265	\$486,488	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620	60NANB22D130				\$34,100	\$34,100	N/A	\$0
DISSERTATION PROPOSAL: BAYESIAN UNIT-LEVEL MODELING OF N	11.U01	1333L19P00000173				\$43	\$211,135	N/A	\$0
CENSUS BUREAU ASSIGNMENT AGREEMENT FOR SCOTT HOLAN 2021-	11.U01	0090-FY21-IPA-3151-001				\$211,092	\$211,135	RESEARCH AND DEVELOPMENT	\$236,337,620
PANDEMIC PREPAREDNESS AND RESPONSE (PPRP) - A THREE-FOLD TASK ORDER S2020-128	11.U02	ARP-3 UDR0000049	NATIONAL INSTITUTE OF INNOVATION MANUFACTURING BIOPHARMACEUTICAL	ARP-3 UDR0000049		\$76,046	\$76,046	N/A	\$0
	11.U03	S2020-128	SYNOPTIC DATA PBC	S2020-128		\$101,574	\$101,574	N/A	\$0
<b>TOTAL DEPARTMENT OF COMMERCE</b>						<b>\$30,833</b>	<b>\$3,213,715</b>		
<b>DEPARTMENT OF DEFENSE</b>									
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	SP4800-21-2-2120				\$78,640	\$826,773	N/A	\$0
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	SP4800-22-2-2220				\$748,133	\$826,773	N/A	\$0
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114	XW912DQ-22-2-0002				\$74,215	\$74,215	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	FA8750-19-2-0001				\$4	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	W912DQ202001				\$6,160	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00173-19-2-C900				\$62,080	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-17-1-2931				\$11,120	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-17-1-3016				\$157,718	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2006				\$26,195	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2597				\$79,121	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2688			\$173,917	\$190,351	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-21-1-2232				\$144,656	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-22-1-2385				\$1,012,969	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-23-1-2195				\$356,066	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00174-21-1-0008				\$65,675	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		DUKE UNIVERSITY	313-1089		\$239,474	\$2,351,589	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)									
EDUCATION, OUTREACH AND WORKFORCE PROGRAM	12.330	N00014-21-1-2710				\$179,334	\$179,334	RESEARCH AND DEVELOPMENT	\$236,337,620
PEST MANAGEMENT AND VECTOR CONTROL RESEARCH	12.355	W911SR2210004				\$15,000	\$15,000	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210295			\$2,564	\$118,385	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210808				\$196,368	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1810179				\$18,588	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1810430				\$23,414	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1910694				\$276,521	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2010399			\$16,469	\$55,002	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2010459				\$37,056	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2010688				\$19,205	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2110173			\$153,293	\$356,337	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH21-1-0526				\$305,284	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210012				\$25,727	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210016				\$191,605	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210017				\$103,859	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2210491				\$333,924	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		COLUMBIA UNIVERSITY	1(GG014473)		\$35,191	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		COLUMBIA UNIVERSITY	1(GG015772)		\$210,368	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		HENRY M JACKSON FOUNDATION FOR THE ADVANCEMENT	4558		\$84,364	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SHIFT PHARMACEUTICALS	N/A		\$22,370	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF PITTSBURGH	CNVA00056666 (413614-22)		\$8,968	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF VIRGINIA	GG12216, PO #2261592		\$13,498	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		VIVACELLE BIO INC	SA UMKC2		\$19,120	\$2,455,154	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120257				\$51,183	\$5,020,057	N/A	\$0
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120259				\$73,754	\$5,020,057	N/A	\$0
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120261				\$59,955	\$5,020,057	N/A	\$0
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120263				\$181,329	\$5,020,057	N/A	\$0
BASIC SCIENTIFIC RESEARCH	12.431	FA9550-21-1-0226				\$137,628	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	22-2-0209			\$146	\$120,726	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-18-1-0031				-\$139	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-18-1-0153				\$403,359	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1810155				\$4,697	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1910246				\$868	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1910283			\$687,279	\$780,914	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2020134				\$205,868	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2020251				\$357,085	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2110072			\$44,930	\$178,445	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120256				\$89,268	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120260				\$162,726	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120262				\$20,264	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120266			\$209,238	\$273,262	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120274				\$159,357	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120276				\$218,022	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120280				\$187,126	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220182			\$36,832	\$138,699	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-22-2-0183				\$73,483	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220185				\$47,778	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-22-2-0186				\$75,354	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220187				\$72,385	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220188				\$36,705	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220200				\$110,548	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220202				\$65,380	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220208				\$17,801	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1820285				-\$6,749	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120258				\$219,360	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2120275				\$95,157	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-22-2-0184			\$420	\$97,842	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2220216				\$34,316	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2110335			\$15,100	\$53,758	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431		LEONARD WOOD INSTITUTE	2018-005		\$36,223	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431		LEONARD WOOD INSTITUTE	2018-062		\$158,746	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC SCIENTIFIC RESEARCH	12.431		TEXAS A&M UNIVERSITY	M2101902		\$27,574	\$5,020,057	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		JUNIOR SCIENCE & HUMANITIES SYMPOSIUM	23-871-015		\$11,015	\$539,198	N/A	\$0
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	W911NF2220199				\$39,339	\$539,198	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	W911NF2220206				\$192,750	\$539,198	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	HM04762110001				\$39,380	\$539,198	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		JUNIOR SCIENCE & HUMANITIES SYMPOSIUM	22-871-018		\$9,848	\$539,198	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		RICE UNIVERSITY	X03040581		\$149,324	\$539,198	RESEARCH AND DEVELOPMENT	\$236,337,620
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		TECH ENTREPRENEUR CENTER INC T-REX	N/A		\$97,542	\$539,198	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-23-1-0293				\$10,000	\$2,618,562	N/A	\$0
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-18-1-0342				-\$24,577	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-19-1-0318			\$1,275,898	\$1,631,752	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-20-1-0198				\$10,181	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-20-1-0279				\$135,392	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-21-1-0399			\$81,562	\$174,993	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0185				\$28,330	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0212				\$130,275	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0406				\$141,867	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-22-1-0445				\$197,786	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNANIMOUS AI	UMKC 00084047		\$9,810	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY OF CALIFORNIA DAVIS	A22-2414-5002		\$172,753	\$2,618,562	RESEARCH AND DEVELOPMENT	\$236,337,620
INFORMATION SECURITY GRANTS	12.902	H98230-20-1-0297				\$37,585	\$37,585	RESEARCH AND DEVELOPMENT	\$236,337,620
GENCYBER GRANTS PROGRAM	12.903	H98230-21-1-0141				\$107,518	\$146,123	N/A	\$0
GENCYBER GRANTS PROGRAM	12.903	H98230-22-1-0184				\$38,605	\$146,123	N/A	\$0
CYBERSECURITY CORE CURRICULUM	12.905	H98230-21-1-0260				\$88,365	\$88,365	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	W911NF2110353			\$62,664	\$401,092	\$668,192	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		BAE SYSTEMS	1127031		\$267,100	\$668,192	RESEARCH AND DEVELOPMENT	\$236,337,620
MACHINE LEARNING FOR SECURE AND RESILIENT INFORMATION MA	12.RD	FA8750-21-C-0502				-\$3,194	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
REGIONAL PHASE BLOCKAGE AND LEFT CENSORED DATA IN THE MI	12.RD	FA9453-19-C-0067				\$173,100	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVELOPMENT AND EVALUATION OF NON-CHROMATE LHE ZNNI PASS	12.RD	W912HQ18C0065			\$82,542	\$127,025	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
PULSED TACTICAL EFFECTOR FOR REGULATED ATTACK (PTERA)	12.RD	N00014-21-C-1049				\$2,645,937	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
VALIDATION OF A UV/TIO2 ACTIVATED ALKALINE MEDIA (CFM) F	12.RD	W912HQ21C0002			\$7,500	\$112,526	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
GEJOINT LEARNING THROUGH ACADEMIC PROGRAMS (GLAP)	12.RD	HM047620A0007				\$138,260	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
STATEFUL OBJECT FEATURE CLUSTERING AND TRACKING FOR MODU	12.RD	N0017321C2016				\$36,462	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ONR SHORT PULSE RESEARCH, EVALUATION AND NON-SWAP DEMONS	12.RD	N00014-18-C-1017			\$267,178	\$6,004,637	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ERDC IPA: OPTIMIZED SURFACE EMISSION USING MACHINE LEARN	12.RD	N/A				\$31	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
EXPLAINABLE ARTIFICIAL INTELLIGENCE AND ADVERSARIAL ALGO	12.RD	W912H219C0007				\$132,314	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
EVALUATION OF STATE-OF-THE-ART MACHINE LEARNING MODELS A	12.RD	W912H219C0018				\$396,199	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVELOPMENT OF INNOVATIVE SOLUTIONS AND ENGINEERING ANAL	12.RD	W912H2219C001				\$625,723	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
BLAST RESISTANT CURTAIN WALL AND ANCHORAGE SYSTEM	12.RD	W912H2229C001				\$998,537	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
COUNTERMEASURES BASED ON EXPLAINABLE ARTIFICIAL INTELLIG	12.RD	W912H222C0003				\$2,182,127	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVELOPMENT OF 3D PRINTABLE FIBER-REINFORCED MATERIALS U	12.RD	W9132T22C0009				\$155,146	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
INNOVATIVE CASTING TECHNOLOGIES/INTENSIVE QUENCHING TO P	12.RD	2018-509-01	ADVANCED TECHNOLOGY INTERNATIONAL	2018-509-01		\$53,790	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
COUNTERMINE DIVISION'S ELECTRO-OPTICAL AND INFRARED DET	12.RD	P000036775	ALION SCIENCE AND TECHNOLOGY PROGRAM	P000036775		\$29,327	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
EFFECTIVE COMPACTION OF UAV LIDAR AND OTHER DATA TRANSMI	12.RD	FA864923P0350	ATOMBEAM TECHNOLOGY INC	FA864923P0350		\$19,068	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
WAVEFORM AGILE RADIOFREQUENCY (RF) DIRECTED TECHNOLOGY E	12.RD	1126810	BAE SYSTEMS	1126810		\$508,293	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SMART - STANDARDS FOR METROLOGY AIDED ROBOT TECHNOLOGY	12.RD	2159950	BOEING CO	2159950	\$157,743	\$237,608	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
IVAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	P000136750	CACI TECHNOLOGIES INC	P000136750		\$322,001	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
STTR PHASE 2: FURTHERING CIRCULAR ECONOMY POTENTIAL OF W	12.RD	FA864921P1523_001	CARBONCYCLE, LLC	FA864921P1523_001		\$36,823	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ACCELERATING HUMAN AUGMENTATION THROUGH ARTIFICIAL	12.RD	1990695-436735	CARNEGIE MELLON UNIVERSITY	1990695-436735		\$284,636	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
INTEL	12.RD	1990826-462826	CARNEGIE MELLON UNIVERSITY	1990826-462826		\$904,567	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ACCELERATING HUMAN AUGMENTATION BY LEVERAGING COMSAT	12.RD	1990826-462826	CARNEGIE MELLON UNIVERSITY	1990826-462826		\$210,297	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
AND	12.RD	FA864922P0768	CORAS CLOUD INC	FA864922P0768					
MEDIUM FIDELITY WARGAMING WITH CORAS CLOUD	12.RD								
BASIC SOLUTIONS FOR USE OF ULTRA-HIGH PERFORMANCE CONCRE	12.RD	000663	FLORIDA INTERNATIONAL UNIVERSITY	000663		\$39,061	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
THERMAL PROTECTION FOR HYPERSONIC VEHICLES	12.RD	N/A	GENERAL ELECTRIC	N/A	\$116,304	\$268,312	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ADDITIVE MANUFACTURING OF CERAMIC AND HIGH-TEMPERATURE	12.RD	Subaward No. 00080696	IMPOSSIBLE OBJECTS INC	Subaward No. 00080696		\$205,085	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
U	12.RD								
MATERIAL PROCESSING AND AUTOMATION – PARTNERSHIP WITH IM	12.RD	N/A	INNOVATIVE MATERIALS AND PROCESSES LLC	N/A		\$22,529	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
LIQUID PHASE SINTERING OF C FIBER REINFORCED ULTRA HIGH	12.RD	W911NF2220088	INSTITUTE OF SCIENCE TECHNOLOGY AND	Prime Award W911NF2220088		\$14,262	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SUSTAINABILITY	12.RD								
SBIR: TOOL TO PREDICT TRANSIENT SPATIAL-TEMPORAL BOUNDAR	12.RD	2640-1	INTELLIGENT AUTOMATION INC	2640-1		\$15	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGH RESPONSIVITY OPTICAL GAN SWITCH	12.RD	UMKC-20220705	KYMA TECHNOLOGY	UMKC-20220705		\$51,716	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

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SOLDIER-BORNE TACYBER FEASIBILITY STUDY FOR TECHSPRINT-R	12.RD	N/A	LIBERTY ALLIANCE	N/A		\$111,204	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
COHERENT SEISMIC EVENT FEASIBILITY STUDY FOR TECHSPRINT-	12.RD	N/A	LIBERTY ALLIANCE	N/A		\$111,383	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: INNOVATIVE MANUFACTURING/MATERIALS FOR STRUCTURAL	12.RD	7012-NVY-1S/MST	LUNA INNOVATION INC	7012-NVY-1S/MST		\$18,996	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGH ENERGY DENSITY CAPACITORS FOR DIRECTED ENERGY SYSTE	12.RD	N/A	NANOELECTROMAGNETICS LLC	N/A		-\$30,891	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
A COUPLED MULTI-PHASE/MULTI-SCALE HYBRID NUMERICAL AND E	12.RD	1000006712/GR128381	OHIO STATE UNIVERSITY	SPC-1000006712/GR128381		\$54,893	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
A PHASE 2 TRIAL EVALUATING SARGRAMOSTIM IN PATIENTS WITH	12.RD	PTX-001-002	PARTNER THERAPEUTICS INC	PTX-001-002		\$4,431	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ENABLING DISTRIBUTED MACHINE LEARNING AT THE EDGE WITH T	12.RD	#2023-02-UMKC-GISMO	PRESCIENT EDGE	#2023-02-UMKC-GISMO		\$196,258	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
STTR: PHASE II: INNOVATIVE PROCESSING TECHNIQUES FOR ADD	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING LLC	N/A		\$91	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: PHASE II: ONSITE STRUCTURAL RESTORATION METHODS FO	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING LLC	N/A		\$3,949	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: PHASE II: ADDITIVE MANUFACTURING OF INORGANIC TRAN	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING LLC	N/A		\$79,596	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
STTR: PHASE II OPTION: INNOVATIVE PROCESSING TECHNIQUES	12.RD	SUB00081874- N6833520C0029	PRODUCT INNOVATION AND ENGINEERING LLC	SUB00081874-N6833520C0029		\$56,657	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION GUIDED AUTONOMY FOR SMALL UNMANNED AERIAL	12.RD	54782	QINETIQ LTD	54782		\$149,888	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SYSTEMS	12.RD	55938	QINETIQ LTD	55938		\$84,200	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ATLAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	56699	QINETIQ LTD	56699		\$317,460	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
ATLAS FUSION: DATA/INFORMATION FUSION RESEARCH & DEVELOP	12.RD	56699	QINETIQ LTD	56699		\$317,460	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
AFTERBURNER/RAMBURNER IMPLEMENTATION ON A SMALL COTS	12.RD	UMKC-1	SKYPAD TECH, INC.	UMKC-1		\$2,653	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
TUR	12.RD	UMKC-1	SKYPAD TECH, INC.	UMKC-1		\$2,653	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGH TEMPERATURE OPTICAL FIBER INTERFEROMETER MOLD GAP M	12.RD	SPI016	STEEL FOUNDERS' SOCIETY OF AMERICA	SPI016		\$161,581	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
OPTICAL FIBER EAF REFRACTORY LINING TEMPERATURE MONITORI	12.RD	STAR7/CLIN 0001	STEEL FOUNDERS' SOCIETY OF AMERICA	STAR7/CLIN 0001		\$70,201	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
IDENTIFYING UNCERTAINTY AND DECEPTION FOR ONLINE ARTIFI	12.RD	ERDC-MECI-PLA-0004	SYSTEM OF SYSTEMS CONSORTIUM	ERDC-MECI-PLA-0004		\$88,587	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
FORECASTING FUTURE TECHNOLOGICAL THREATS AND	12.RD	FA8649-22-P-0767	TECHNEXT INC	FA8649-22-P-0767		\$214,549	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
OPPORTUNITI	12.RD	FA8649-22-P-0767	TECHNEXT INC	FA8649-22-P-0767		\$214,549	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: N82-100: DATA ANALYTICS FOR NAVY AIRCRAFT COMPON	12.RD	2119-001-01	TECHNICAL DATA ANALYSIS, INC.	2119-001-01		\$15,038	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: HIGH TEMPERATURE OSCILLATING HEAT PIPES (OHPs)	12.RD	MU-TAT-232D	THERMAVANT TECH, LLC	MU-TAT-232D		\$213,027	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
QUANTIFICATION OF MARGINS AND UNCERTAINTIES IN COMPUTATI	12.RD	M2202904	TEXAS A&M UNIVERSITY	M2202904		\$102,780	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
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		\$50,223	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
SURFACE MORPHING AND ADAPTIVE STRUCTURE FOR HYPERSONICS	12.RD	S-200-330-001	UES	S-200-330-001		\$93,459	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOAUGMENTED PHYTOREMEDIATION TO TREAT 1,4-DIOXANE	12.RD	S03061-01	UNIVERSITY OF IOWA	S03061-01		\$23,770	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
CONTA	12.RD	#A21-0162-S001	UNIVERSITY OF TENNESSEE	#A21-0162-S001		\$112,017	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
MODEL-FREE ADAPTIVE CONTROL (MFAC) FOR AUTONOMOUS AND	12.RD	A23-0746	UNIVERSITY OF TENNESSEE	A23-0746		\$6,847	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
RE	12.RD	A23-0746	UNIVERSITY OF TENNESSEE	A23-0746		\$6,847	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
QUANTITATIVE ASSESSMENT AND DYNAMIC ADVANCEMENT OF THE	12.RD	M200290 / 2021GC0441	UNIVERSITY OF TEXAS ARLINGTON	M200290 / 2021GC0441		\$143,158	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
H	12.RD	M200290 / 2021GC0441	UNIVERSITY OF TEXAS ARLINGTON	M200290 / 2021GC0441		\$143,158	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
EXPERIMENTAL AND NUMERICAL INVESTIGATION OF DIRECTED ENE	12.RD	CP0079036	UTAH STATE UNIVERSITY	CP0079036		\$31,628	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
EXPLORING THE FEASIBILITY OF UNIVERSITY-CLASS CISLUNAR C	12.RD	CP0079036	UTAH STATE UNIVERSITY	CP0079036		\$31,628	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
N22A-T006 STTR PHASE 1 - PLATFORM-LEVEL ELECTROMAGNETIC	12.RD	1165-00084	VERUS RESEARCH	1165-00084		\$39,798	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
RECRUITING OPTIMIZATION AND ANALYSIS DASHBOARD (ROAD)	12.RD	FA864922P0733 P00001	VIA SCIENCE	FA864922P0733 P00001		\$202,578	\$19,662,229	RESEARCH AND DEVELOPMENT	\$236,337,620
POST BLAST FORENSICS TRAINING - FLW USAMPS	12.U01	W9115718P0042				\$26,290	\$26,290	N/A	\$0
PULSED TACTICAL EFFECTOR FOR REGULATED ATTACK (PTERA)	12.U02	N00014-21-C-1049			\$147,751	\$83,267	\$83,267	N/A	\$0
MECHANICAL ENGINEERING SENIOR DESIGN - AFC-NSIN CAPSTONE	12.U03	N/A				\$71	\$71	N/A	\$0
<b>TOTAL DEPARTMENT OF DEFENSE</b>						\$3,539,330	\$34,792,004		

**UNIVERSITY OF MISSOURI SYSTEM  
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<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
<b>CENTRAL INTELLIGENCE AGENCY</b>									
<i>DETERMINE THE ACTUAL DISTORTION CHARACTERISTICS OF THE M AUTONOMOUS SYSTEMS AND ROBOTICS - BUMBLEBEE</i>	13.RD 99.000	N/A	DEFENSEWERX DEFENSEWERX	N/A N/A		\$73,329 \$34,224	\$73,329 \$34,224	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$236,337,620 \$236,337,620
<b>TOTAL CENTRAL INTELLIGENCE AGENCY</b>						<u>\$107,553</u>			
<b>DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT</b>									
<i>GENERAL RESEARCH AND TECHNOLOGY ACTIVITY</i>	14.506	N/A	TEXAS SOUTHERN UNIVERSITY	N/A		\$5,219	\$5,219	RESEARCH AND DEVELOPMENT	\$236,337,620
A NOVEL METHOD FOR IDENTIFYING HOMES THAT PUT CHILDREN A SUPPORT HEALTHY HOMES TRAINING AND ESTABLISH A CERTIFIED	14.RD 14.U01	MOLTS0019-20 86614120P00003			\$26,886	\$197,926 \$15,330	\$197,926 \$15,330	RESEARCH AND DEVELOPMENT N/A	\$236,337,620 \$0
<b>TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT</b>					<u>\$26,886</u>	<u>\$218,475</u>			
<b>DEPARTMENT OF THE INTERIOR</b>									
WATER DESALINATION RESEARCH AND DEVELOPMENT PROGRAM	15.506	R21AC10073-00				\$84,259	\$84,259	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>SPORT FISH RESTORATION PROGRAM</i>	15.605		MISSOURI DEPARTMENT OF CONSERVATION	424		\$69,097	\$69,097	RESEARCH AND DEVELOPMENT	\$236,337,620
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608	F22AC03631-00				\$15,000	\$15,000	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		KANSAS WILDLIFE, PARKS AND TOURISM	W-119-R-1		\$264,210	\$324,199	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		PENNSYLVANIA GAME COMMISSION	4300589787		\$324,199	\$324,199	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		TEXAS PARKS & WILDLIFE DEPARTMENT	CA-0000800		\$32,459	\$324,199	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND</i>	15.615		MISSOURI DEPARTMENT OF CONSERVATION	435B		\$62,357	\$62,357	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND</i>	15.615		MISSOURI DEPARTMENT OF CONSERVATION	5761		\$61,980	\$62,357	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>STATE WILDLIFE GRANTS</i>	15.634		ARKANSAS GAME AND FISH COMMISSION	N/A		\$67,298	\$71,188	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>STATE WILDLIFE GRANTS</i>	15.634		TEXAS PARKS & WILDLIFE DEPARTMENT	531025		\$3,890	\$71,188	RESEARCH AND DEVELOPMENT	\$236,337,620
MIGRATORY BIRD JOINT VENTURES	15.637	F19AP00254				\$744	\$10,882	RESEARCH AND DEVELOPMENT	\$236,337,620
MIGRATORY BIRD JOINT VENTURES	15.637	F20AC12131				\$10,138	\$10,882	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F19AC00735				\$1	\$73,753	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F20AC11252				\$64,606	\$73,753	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F20AC11254				\$9,146	\$73,753	RESEARCH AND DEVELOPMENT	\$236,337,620
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	G21AP10172				\$42,834	\$200,092	RESEARCH AND DEVELOPMENT	\$236,337,620
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	G21AP10582			\$32,971	\$157,258	\$200,092	RESEARCH AND DEVELOPMENT	\$236,337,620
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807	G22AP00264-00				\$43,910	\$102,086	N/A	\$0
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807	G22AP00406				\$58,176	\$102,086	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G18AC00327				\$39,495	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G21AC10103				\$14,772	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G21AC10446				\$155,172	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G21AC10447				\$27,402	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G22AC00225-00				\$37,328	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G23AC00076-00				\$475	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808	G23AC00148-00				\$2,770	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION</i>	15.808		UNIVERSITY OF MINNESOTA	H007905701		\$3,119	\$280,533	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810	G21AC10665-00				\$19,779	\$38,560	N/A	\$0
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810	G22AC00238				\$8,330	\$38,560	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810	G22AC00254				\$10,451	\$38,560	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G22AC00061				\$62	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G18AC00219				\$22,497	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G18AC00357				\$63,901	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G20AC00204				\$58,246	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G21AC10195			\$8,602	\$102,804	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G21AC10196				\$77,334	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G21AC10242			\$13,104	\$152,824	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G21AC10371-00				\$40,950	\$518,618	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER</i>	15.820		NORTH CAROLINA STATE UNIVERSITY	2023-0782-01		\$24,970	\$128,597	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER</i>	15.820		UNIVERSITY OF MASSACHUSETTS	22-016566-A-00		\$103,627	\$128,597	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P18AP00353				\$536	\$40,110	N/A	\$0
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P20AP00271				\$4,223	\$40,110	N/A	\$0
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P22AP00858				\$35,351	\$40,110	N/A	\$0
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945	P21AC10661-00				\$4,921	\$50,813	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945	P21AC11858				\$834	\$50,813	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
COOPERATIVE RESEARCH AND TRAINING PROGRAMS & RESOURCES OF THE NATIONAL PARK SYSTEM	15.945	P22AC01971-00				\$45,058	\$50,813	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL PARK SERVICE CONSERVATION, PROTECTION, OUTREACH, AND EDUCATION	15.954		NATIONAL WRITING PROJECT CORP	92-MO01-NP52022-RD		\$2,000	\$2,000	N/A	\$0
NATIONAL ATMOSPHERIC DEPOSITION PROGRAM	15.RD	140G0121P0102				\$8,595	\$8,595	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL DEPARTMENT OF THE INTERIOR</b>					\$54,677	\$2,080,739			
<b>DEPARTMENT OF JUSTICE</b>									
COVID 19 -CORONAVIRUS EMERGENCY SUPPLEMENTAL FUNDING PROGRAM	16.034	COVID-19	MISSOURI DEPARTMENT OF PUBLIC SAFETY	2020-CESF-013		\$77,731	\$77,731	N/A	\$0
COMMUNITY-BASED VIOLENCE PREVENTION PROGRAM	16.123		UNITED WAY OF GREATER ST. LOUIS	N/A		-\$8	-\$8	N/A	\$0
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT, AND STALKING ON CAMPUS	16.525	2019-WA-AX-0037				\$79,179	\$112,561	N/A	\$0
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT, AND STALKING ON CAMPUS	16.525	15JOVW-22-GG-03159-CAMP				\$33,382	\$112,561	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	2016-CK-BX-0004				\$429,415	\$481,584	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	GIQ GOJPNIJ22000052				\$26,028	\$481,584	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560		UNIVERSITY OF VIRGINIA	GG12359.PO #2354136		\$26,141	\$481,584	RESEARCH AND DEVELOPMENT	\$236,337,620
CRIME VICTIM ASSISTANCE	16.575		MISSOURI DEPARTMENT OF SOCIAL SERVICES	ER130200103		-\$19	\$292,694	N/A	\$0
CRIME VICTIM ASSISTANCE	16.575		MISSOURI DEPARTMENT OF SOCIAL SERVICES	ER130220051		\$292,713	\$292,694	N/A	\$0
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582	2020-VO-GX-0167			\$62,498	\$152,874	\$152,874	N/A	\$0
JUVENILE MENTORING PROGRAM	16.726		NATIONAL 4-H COUNCIL	N/A		\$62,987	\$62,987	N/A	\$0
IMPROVING THE INVESTIGATION AND PROSECUTION OF CHILD ABUSE AND THE REGIONAL AND LOCAL CHILDREN'S ADVOCACY CENTERS	16.758	15PJDP-21-GK-02821-CATX SECOND				\$202,753	\$202,753	N/A	\$0
SECOND CHANCE ACT REENTRY INITIATIVE	16.812	CHANCM22708212	MISSOURI DEPARTMENT OF CORRECTIONS	YM22708212		\$76,181	\$129,161	N/A	\$0
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	AOC23708001		\$10,875	\$129,161	RESEARCH AND DEVELOPMENT	\$236,337,620
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		MISSOURI DEPARTMENT OF CORRECTIONS	AOC23708140		\$42,105	\$129,161	RESEARCH AND DEVELOPMENT	\$236,337,620
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817		BEYOND HOUSING	N/A		\$8,729	\$8,729	RESEARCH AND DEVELOPMENT	\$236,337,620
POSTCONVICTION TESTING OF DNA EVIDENCE TO EXONERATE THE INNOCENT	16.820	15PBJA-21-GG-03392-POST			\$144,505	\$155,505	\$186,224	N/A	\$0
POSTCONVICTION TESTING OF DNA EVIDENCE TO EXONERATE THE INNOCENT	16.820	2019-DY-BX-0002			\$30,719	\$30,719	\$186,224	N/A	\$0
JUSTICE REINVESTMENT INITIATIVE	16.827		KANSAS CITY MUNICIPAL COURT	EV2898-1		\$58,135	\$58,135	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838		TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES	N/A		\$96,105	\$108,723	N/A	\$0
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838		TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES	N/A		\$12,618	\$108,723	RESEARCH AND DEVELOPMENT	\$236,337,620
STOP SCHOOL VIOLENCE	16.839	15PBJA-22-GG-04702-STOP			\$110,500	\$212,164	\$212,164	RESEARCH AND DEVELOPMENT	\$236,337,620
UMKC MIP INNOCENCE CLINIC	16.U01	2020-DY-BX-0007			\$97,833	\$97,833		N/A	\$0
SMART WORK ZONE ACTIVITY APP	16.U02	19998	JACKSON COUNTY MISSOURI	19998		-\$667	-\$667	N/A	\$0
<b>TOTAL DEPARTMENT OF JUSTICE</b>					\$446,055	\$2,183,478			
<b>DEPARTMENT OF LABOR</b>									
UNEMPLOYMENT INSURANCE	17.225		MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	N/A	\$79,860	\$303,859	\$303,859	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL DEPARTMENT OF LABOR</b>					\$79,860	\$303,859			
<b>DEPARTMENT OF STATE</b>									
INTERNATIONAL PROGRAMS TO COMBAT HUMAN TRAFFICKING	19.019		WASHINGTON UNIVERSITY	WU-23-0218	\$21,873	\$60,150	\$60,150	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021		IREX	FY23-HEP-UM-01		\$48,660	\$48,660	N/A	\$0
<b>TOTAL DEPARTMENT OF STATE</b>					\$21,873	\$108,810			

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

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
<b>DEPARTMENT OF TRANSPORTATION</b>									
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST Amend 23			\$21,611	\$22,949	\$822,013	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-012			\$7,752	\$39,878	\$822,013	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-014			\$421,241	\$453,175	\$822,013	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-019			\$172,689	\$267,400	\$822,013	RESEARCH AND DEVELOPMENT	\$236,337,620
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-020			\$5,000	\$38,611	\$822,013	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	693JJ31950023			\$44,996	\$88,774	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		IOWA STATE UNIVERSITY	021231B		\$15,076	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		OKLAHOMA DEPARTMENT OF TRANSPORTATION	SPR ITEM 2279 Year 3	\$67,517	\$146,142	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		OREGON STATE UNIVERSITY	J2454A-B		\$9,572	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		ST. CHARLES COUNTY GOVERNMENT	ITS-9901(665)		\$48,799	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05(54-03)	\$10,280	\$30,417	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05(54-13)		\$30,608	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		UNIVERSITY OF CALIFORNIA LOS ANGELES	0121 G XA080		\$23,209	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5126016		\$12,324	\$404,921	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	S070301C		-\$1,558	\$3,148,054	N/A	\$0
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	S079101C		\$327,426	\$3,148,054	N/A	\$0
HIGHWAY PLANNING AND CONSTRUCTION	20.205	TR202418				\$35,774	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MICHIGAN STATE UNIVERSITY	RC112237 - UM		\$7,855	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MICHIGAN STATE UNIVERSITY	RC113730-UM		\$38,011	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	00083012		\$7,005	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	2021-07-64280_TR202202		\$97,173	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	S073202C		\$8,667	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	S079101C		\$7,500	\$3,148,054	N/A	\$0
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201910		\$142,269	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR2020 04		\$234,374	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202009		\$6	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202011	\$51,576	\$150,495	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202012		-\$232	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202013		\$270	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202020		\$56,432	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202107		\$56,444	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202109		\$109,232	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202111		\$7,568	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202115	\$4,871	\$34,579	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202118		\$147,572	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202119a	\$12,356	\$65,778	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202121		\$64,720	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202122	\$10,439	\$81,132	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202123		\$148,000	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202125		-\$698	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202201		\$100,075	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202202	\$2,372	\$50,901	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202203	\$18,037	\$62,175	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202205	\$1,455	\$124,455	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202206		\$80,900	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202207	\$37,188	\$89,350	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202212		\$49,823	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202213	\$5,805	\$134,453	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202218		\$1,796	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202220		\$6,250	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202309		\$115,151	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202311		\$16,444	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202319		\$80,271	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202320		\$92,793	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202322		\$110,440	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202324		\$116,021	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202214		\$90,962	\$3,148,054	RESEARCH AND DEVELOPMENT	\$236,337,620
STATE AND COMMUNITY HIGHWAY SAFETY	20.208		MISSOURI DEPARTMENT OF TRANSPORTATION	S075701C		\$41,497	\$41,497	RESEARCH AND DEVELOPMENT	\$236,337,620
METROPOLITAN TRANSPORTATION PLANNING AND STATE AND NON-METROPOLITAN PLANNING AND RESEARCH	20.505		KANSAS CITY AREA TRANSPORT AUTHORITY	KCAT MO-2021-015		\$6,544	\$6,544	RESEARCH AND DEVELOPMENT	\$236,337,620
FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT PROGRAM	20.509		MISSOURI DEPARTMENT OF TRANSPORTATION	RTAP		\$119,903	\$119,903	N/A	\$0
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	22-CP-09-008		\$16,724	\$130,144	HIGHWAY SAFETY CLUSTER	\$626,990



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STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	22-DE-02-002		\$12,496	\$626,990	HIGHWAY SAFETY CLUSTER	\$626,990
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	22-EM-02-002		\$1,900	\$626,990	HIGHWAY SAFETY CLUSTER	\$626,990
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	22-RS-11-002		\$14,473	\$626,990	HIGHWAY SAFETY CLUSTER	\$626,990
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	23-CP-09-002	\$25,016	\$349,329	\$626,990	HIGHWAY SAFETY CLUSTER	\$626,990
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	23-DE-02-002		\$39,898	\$626,990	HIGHWAY SAFETY CLUSTER	\$626,990
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	23-EM-02-005		\$78,750	\$626,990	HIGHWAY SAFETY CLUSTER	\$626,990
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		MISSOURI DEPARTMENT OF TRANSPORTATION	22-MSTR-03-005		\$95,705	\$379,809	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		MISSOURI DEPARTMENT OF TRANSPORTATION	23-MSTR-03-003		\$284,104	\$379,809	RESEARCH AND DEVELOPMENT	\$236,337,620
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN	25-1121-0005-130		\$270,210	\$1,843,009	N/A	\$0
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	69A3551747126			\$436,548	\$890,999	\$1,843,009	RESEARCH AND DEVELOPMENT	\$236,337,620
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN	25-1121-0005-130		\$302,262	\$1,843,009	RESEARCH AND DEVELOPMENT	\$236,337,620
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		WASHINGTON STATE UNIVERSITY	135461 G004210	\$25,000	\$97,474	\$1,843,009	RESEARCH AND DEVELOPMENT	\$236,337,620
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		WASHINGTON STATE UNIVERSITY	135461 SPC02095	\$53,887	\$282,064	\$1,843,009	RESEARCH AND DEVELOPMENT	\$236,337,620
PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	20.724	693JK31850012CAAP				\$12,463	\$15,290	RESEARCH AND DEVELOPMENT	\$236,337,620
PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	20.724	693JK31950005CAAP				\$2,827	\$15,290	RESEARCH AND DEVELOPMENT	\$236,337,620
EVALUATION OF LRFD GEOTECHNICAL LIMIT STATES FOR STRUCT	20.RD	TAO22052-JEL-001/22-052	DAN BROWN AND ASSOCIATES	TAO22052-JEL-001/22-052		\$28,149	\$163,968	RESEARCH AND DEVELOPMENT	\$236,337,620
IDENTIFICATION AND EVALUATION OF PERFORMANCE METRICS CON	20.RD	TAO22053-JEL-001/22-053	DAN BROWN AND ASSOCIATES	TAO22053-JEL-001/22-053		\$18,200	\$163,968	RESEARCH AND DEVELOPMENT	\$236,337,620
CRACKING RESISTANCE OF ALASKAN ASPHALT WITH RAP MATERIAL	20.RD	UA22-0166_PO#P0561139	UNIVERSITY OF ARKANSAS	UA22-0166_PO#P0561139		\$29,381	\$163,968	RESEARCH AND DEVELOPMENT	\$236,337,620
TIMELY AND UNIFORM APPLICATION OF CURING MATERIALS	20.RD	N/A	WISCONSIN DEPARTMENT OF TRANSPORTATION	N/A	\$32,163	\$88,238	\$163,968	RESEARCH AND DEVELOPMENT	\$236,337,620
LTAP SAFETY CIRCUIT RIDER 2023	20.U01	ST0011	MISSOURI DEPARTMENT OF TRANSPORTATION	ST0011		\$19,523	\$19,523	N/A	\$0
REGIONAL ITS DATA SHARING INITIATIVE – PHASE 1	20.U02	7302(680)	ST CHARLES COUNTY GOVERNMENT	7302(680)	\$10,133	\$296,953	\$296,953	N/A	\$0
<b>TOTAL DEPARTMENT OF TRANSPORTATION</b>						<b>\$1,494,656</b>	<b>\$7,888,474</b>		
<b>DEPARTMENT OF TREASURY</b>									
TAX COUNSELING FOR THE ELDERLY	21.006	23TCEP0007				\$558	\$558	N/A	\$0
LOW INCOME TAXPAYER CLINICS	21.008	20-LITC0413-02-00				-\$24,919	\$62,565	N/A	\$0
LOW INCOME TAXPAYER CLINICS	21.008	21-LITC0413-03-00				-\$3	\$62,565	N/A	\$0
LOW INCOME TAXPAYER CLINICS	21.008	22-LITC0568				\$41,962	\$62,565	N/A	\$0
LOW INCOME TAXPAYER CLINICS	21.008	23-LITC0568-02-00				\$45,525	\$62,565	N/A	\$0
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009	21VITA0251			\$2,341	\$968	\$153,719	N/A	\$0
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009	22TCEP0031				\$12,688	\$153,719	N/A	\$0
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009	22VITA0273				\$18,222	\$153,719	N/A	\$0
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009	23VITA0193				\$113,089	\$153,719	N/A	\$0
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009		GATEWAY EITC COMMUNITY COALITION	N/A		\$8,752	\$153,719	N/A	\$0
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC21380051		\$370,454	\$370,513	N/A	\$0
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$59	\$370,513	RESEARCH AND DEVELOPMENT	\$236,337,620
EMERGENCY RENTAL ASSISTANCE PROGRAM	21.023		MISSOURI HOUSING DEVELOPMENT COMMISSION	HS23-1015		\$141,635	\$141,635	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	33041812		\$6,764	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.216		\$678,350	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.815		\$14,899,120	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.816		\$1,000,000	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.825		\$421,590	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.830		\$3,855,448	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	20.847		\$883,779	\$22,720,255	N/A	\$0

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COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	N/A		\$523,542	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	N/A		\$9,985	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	SLFRP4542		\$146,952	\$22,720,255	N/A	\$0
COVID-19 - CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	COVID-19	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC23380037		\$294,725	\$22,720,255	N/A	\$0
TENANT REPRESENTATION INITIATIVE	21.U01	N/A	MISSOURI HOUSING DEVELOPMENT COMMISSION	N/A		\$383,900	\$383,900	N/A	\$0
<b>TOTAL DEPARTMENT OF TREASURY</b>						<b>\$2,341</b>	<b>\$23,833,145</b>		
<b>OFFICE OF MERIT SYSTEMS OVERSIGHT AND EFFECTIVENESS OFFICE OF PERSONNEL MANAGEMENT</b>									
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011	1843371				\$38,405	\$38,405	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL OFFICE OF MERIT SYSTEMS OVERSIGHT AND EFFECTIVENESS OFFICE OF PERSONNEL MANAGEMENT</b>							<b>\$38,405</b>		
<b>GENERAL SERVICES ADMINISTRATION</b>									
GURANTZ OES IPA	39.RD	N/A				\$450	\$450	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL GENERAL SERVICES ADMINISTRATION</b>							<b>\$450</b>		
<b>NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</b>									
SCIENCE	43.001	80NSSC20K0443				\$85,140	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC21K0596			\$605,466	\$1,058,278	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC19K0572				\$41,506	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC19K0575				\$37,000	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC19K0701				\$39,817	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC21K0979				\$30,647	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC22K0464				\$184,514	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC22K0771			\$68,778	\$100,088	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC22K1166				\$1,096	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001	80NSSC23K0491				\$2,348	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		CALIFORNIA INSTITUTE OF TECHNOLOGY	S542288		\$7,266	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		COLORADO STATE UNIVERSITY	G-02803-01		\$15,035	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		JET PROPULSION LAB	1688555		\$35,444	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		JET PROPULSION LAB	RSA #1672700		\$90,018	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		PURDUE UNIVERSITY	12000289-07		\$1,104	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	G01-22130B		\$35,088	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	TM9-20009X		\$20,989	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		UNIVERSITY OF ALABAMA HUNTSVILLE	2022-1468		\$21,952	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.001		WORCESTER POLYTECHNIC INSTITUTE	11067-GR		\$56,523	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE	43.002		NATIONAL INSTITUTE OF AEROSPACE	N/A		\$11,711	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
AERONAUTICS	43.002					\$11,711	\$1,863,853	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION	43.008	80NSSC20M0100			\$383,183	\$975,735	\$993,809	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION	43.008	NNX15AK03H				\$8,074	\$993,809	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION	43.008		LINCOLN UNIVERSITY	2022-8279		\$10,000	\$993,809	RESEARCH AND DEVELOPMENT	\$236,337,620
SPACE TECHNOLOGY	43.012	80NSSC21K1284				\$78,581	\$1,070,137	RESEARCH AND DEVELOPMENT	\$236,337,620
SPACE TECHNOLOGY	43.012	80NSSC19K1150				\$19,690	\$1,070,137	RESEARCH AND DEVELOPMENT	\$236,337,620
SPACE TECHNOLOGY	43.012	80NSSC22K0738			\$61,404	\$825,556	\$1,070,137	RESEARCH AND DEVELOPMENT	\$236,337,620
SPACE TECHNOLOGY	43.012	80NSSC20K1524				\$117,370	\$1,070,137	RESEARCH AND DEVELOPMENT	\$236,337,620
SPACE TECHNOLOGY	43.012	80NSSC23M0019				\$28,940	\$1,070,137	RESEARCH AND DEVELOPMENT	\$236,337,620
LOWERING EMISSIONS AND ENVIRONMENTAL IMPACT FROM CIVIL SPO: DR. STEPHEN MONTGOMERY-SMITH SUPPORT IN ACCORDANCE W	43.RD	AWD-003577-G4	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-003577-G4		\$44,151	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
W	43.RD	EN23144LKS	JACOBS TECHNOLOGY	EN23144LKS		\$25,623	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
PO: DR. STEPHEN MONTGOMERY-SMITH SUPPORT IN ACCORDANCE W	43.RD	EN23145LKS	JACOBS TECHNOLOGY	EN23145LKS		\$5,948	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
SDTS CONTROLS AND SOFTWARE DEV. (JETSII-SOW-PRS23-148)	43.RD	J2N30089LKS	JACOBS TECHNOLOGY	J2N30089LKS		\$11,603	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
SES HEXAPOD MOTION TABLE (JETSII-SOW-PRS23-152)	43.RD	J2N30090LKS	JACOBS TECHNOLOGY	J2N30090LKS		\$100,162	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
RAIDER CODE COMPLETION	43.RD	1683393	JET PROPULSION LAB	1683393		\$38,570	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
DWARFS IN THE DEEPEST FIELDS AT NOON: STUDYING SIZE AND	43.RD	HST-AR-15025.023-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-15025.023-A		\$230	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620

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UV LIGHT REVEALS THE LIFE OF GIANT STAR-FORMING CLUMPS	43.RD	HST-AR-15798.001-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-15798.001-A		\$46,652	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
RESOLVED STELLAR POPULATIONS AND THE MULTI-WAVELENGTH ST	43.RD	HST-AR-16604.009-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-16604.009-A		\$5,459	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
ULTRAVIOLET SPECTROSCOPY OF THE DUST EXTINCTION IN THE M	43.RD	HST-GO-15164.004-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15164.004-A		\$966	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
ULTRAVIOLET IMAGING OF THE COSMIC ASSEMBLY NEAR- INFRARE	43.RD	HST-GO-15647.038-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15647.038-A		\$21,809	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
ROBUST AND EFFICIENT HST WEAK LENSING MASS MEASUREMENTS	43.RD	HST-GO-15883.004-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15883.004-A		\$5,203	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
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		\$47,955	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
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		\$99	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
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		\$6,091	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: ADDITIVE MANUFACTURING OF STRUCTURED SORBENTS FOR	43.RD	GA.4101.031.S&T.21.01	TDA RESEARCH INC	GA.4101.031.S&T.21.01		\$42	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
FREQUENCY SELECTIVE SURFACE-BASED SENSING FOR WIRELESS S	43.RD	301330G-500-01-SCI1755	TEXAS RESEARCH INSTITUTE AT AUSTIN	301330G-500-01-SCI1755		\$65,027	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
SBIR: INFLATABLE SOFTGOODS FOR NEXT GENERATION HABITATIO	43.RD	F-30201G-500-01-SC2031	TEXAS RESEARCH INSTITUTE AT AUSTIN	F-30201G-500-01-SC2031		\$14,469	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
HAWC+ OBSERVATIONS OF PLANCK-SELECTED 550 μM PEAKERS	43.RD	08-0053	UNIVERSITY SPACE RESEARCH ASSOCIATION	08-0053		\$11,477	\$451,536	RESEARCH AND DEVELOPMENT	\$236,337,620
NASA IPA FOR DR. LESLIE GERTSCH	43.U01	PR 4200810152				\$74,467	\$74,467	N/A	\$0
<b>TOTAL NATIONAL AERONAUTICS &amp; SPACE ADMINISTRATION</b>						<b>\$1,118,831</b>	<b>\$4,465,513</b>		
<b>INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES</b>									
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	1884280-55-21				-\$257	\$65,613	N/A	\$0
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	1893868-55-22				\$39,879	\$65,613	N/A	\$0
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		CITY OF COLUMBIA MISSOURI	N/A		\$7,620	\$65,613	N/A	\$0
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		MISSOURI ARTS COUNCIL	2022-3357		\$613	\$65,613	N/A	\$0
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		TEXAS A&M UNIVERSITY	M2200324		\$17,758	\$65,613	RESEARCH AND DEVELOPMENT	\$236,337,620
PROMOTION OF THE ARTS_PARTNERSHIP AGREEMENTS	45.025		MISSOURI ARTS COUNCIL	2023-3821		\$26,562	\$26,562	N/A	\$0
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129		MISSOURI HUMANITIES COUNCIL	2288		-\$1,100	\$13,945	N/A	\$0
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129		MISSOURI HUMANITIES COUNCIL	N/A		\$13,521	\$13,945	N/A	\$0
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129		MISSOURI HUMANITIES COUNCIL	2365		\$1,524	\$13,945	RESEARCH AND DEVELOPMENT	\$236,337,620
PROMOTION OF THE HUMANITIES_FELLOWSHIPS AND STIPENDS	45.160	FEL-282608-22				\$59,937	\$59,937	RESEARCH AND DEVELOPMENT	\$236,337,620
PROMOTION OF THE HUMANITIES_RESEARCH	45.161		ARCHAEOLOGICAL INSTITUTE OF AMERICA	RJ-269493-19		\$9,653	\$9,653	RESEARCH AND DEVELOPMENT	\$236,337,620
PROMOTION OF THE HUMANITIES_TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162	AKA-290963				\$123	\$61,038	N/A	\$0
PROMOTION OF THE HUMANITIES_TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162	AV-286734-22				\$60,915	\$61,038	N/A	\$0
PROMOTION OF THE HUMANITIES_OFFICE OF DIGITAL HUMANITIES	45.169	HAA-287903-22				\$78,411	\$153,832	N/A	\$0
PROMOTION OF THE HUMANITIES_OFFICE OF DIGITAL HUMANITIES	45.169	HAA-271735-20				\$75,421	\$153,832	RESEARCH AND DEVELOPMENT	\$236,337,620
GRANTS TO STATES	45.310		MISSOURI STATE LIBRARY	2022-LCE1-SHM21-073		-\$609	-\$609	N/A	\$0
NATIONAL LEADERSHIP GRANTS	45.312		UNIVERSITY OF MICHIGAN	SUBK00017308		\$1,191	\$76,186	N/A	\$0
NATIONAL LEADERSHIP GRANTS	45.312	ARPML-250568-OMLS-22				\$31,621	\$76,186	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL LEADERSHIP GRANTS	45.312		UNIVERSITY OF KENTUCKY	3200003600-21-094		\$43,374	\$76,186	RESEARCH AND DEVELOPMENT	\$236,337,620
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	RE-17-19-0022-19				\$11,731	\$185,366	N/A	\$0
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313		WGBH EDUCATION FOUNDATION	N/A		\$12,304	\$185,366	N/A	\$0
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	RE-246339-OLS-20				\$161,331	\$185,366	RESEARCH AND DEVELOPMENT	\$236,337,620

UNIVERSITY OF MISSOURI SYSTEM  
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
 Fiscal Period 7/1/2022 - 6/30/2023

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
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES						\$651,523			
<b>NATIONAL SCIENCE FOUNDATION</b>									
ENGINEERING	47.041	1903716				\$84,144	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1933861				\$68,266	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2132355				\$43,901	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2132655			\$8,674	\$53,955	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2219060				\$142,348	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2305189			\$4,524	\$77,196	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2306901				\$60,872	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2309475			\$3,385	\$9,073	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2140296				\$27,202	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2226948				\$208	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2230071				\$8,878	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2301870				\$1,612	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2026847				\$217,316	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1917630			\$58,640	\$82,090	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1947410				\$78,403	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2026357			\$155,750	\$222,309	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2027571				\$118,476	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2028992				\$55,478	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1801666				\$1,831	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1926480				\$4,497	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1937128				\$1,689	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2231718				\$6,975	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1702841				-\$440	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1802049				\$58,462	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1901578				\$35,533	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1932965				\$32,712	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2015217				\$22,685	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2033790				\$115,723	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2034198			\$74,507	\$97,005	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2131282				\$69,531	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2146781				\$15,371	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2219086				\$88,075	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2219446				\$21,198	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2301605				\$26,875	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2310833				\$39,408	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1651538				\$35,733	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1662897				\$20,231	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1760915				-\$2,201	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1761697				\$53,050	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1825352				\$99,788	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1901740			\$6,180	\$54,928	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1902069			\$2,342	\$15,513	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1917055				\$156,432	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1930873				\$66,565	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1930881				\$67,811	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1932690				\$52,152	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1952013				\$5,362	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2027452				\$19,766	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2045070				\$31,986	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2045101				\$18,510	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2045786				\$92,304	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2045881				\$107,547	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2046552				\$121,957	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2139025				-\$5,621	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2218786				\$70,107	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1747751				\$31,465	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2222801			\$11,468	\$110,581	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	1916535				\$78,064	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2022602				\$6,454	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041	2044726				\$70,654	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
ENGINEERING	47.041	2135463				\$5,559	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		ARIZONA STATE UNIVERSITY	ASUB00001144		\$27,804	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		BOISE STATE UNIVERSITY	8437-PO125243		\$1,066	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		CROSSTALK LLC	0101		\$4,857	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		HAMPTON UNIVERSITY	HU-210004		\$48,437	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		INFECHO SCIENTIFIC LLC	NAN - 462		\$3,023	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		LINCOLN UNIVERSITY	2019-8253-MS&T		\$79,074	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		RESEARCH ROUNDATION OF SUNY	87162/2/1159175		\$72,508	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		TORRE SPACE AND POWERS SYSTEMS, LLC	2136159		\$39,114	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		UNIVERSITY OF CONNECTICUT	423509		\$61,475	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERING	47.041		UNIVERSITY OF CONNECTICUT	426473		\$63,369	\$3,774,281	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2152609				\$12,071	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1554776				\$787	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1800578				-\$3,417	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1818642				\$1,779	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2009910				\$73,637	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2054068				\$68,235	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2108665				\$42,429	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2149082				\$89,221	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2219212				\$15,877	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1764437				\$14,132	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1808672				-\$39	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1856522			\$21,857	\$56,495	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955239				-\$1,501	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955289				\$78,399	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955773				\$60,912	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2003986				\$110,082	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2019072			\$85,978	\$462,696	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2102609				\$134,004	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154428				\$2,656	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154700				\$89,243	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154797				\$101,681	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2154924				\$89,631	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2155175				\$25,347	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2203359				\$132,834	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1552871				\$147,557	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1709792				-\$8,333	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1710313				\$1,511	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1729779				\$1,582	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1807263				\$24,915	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1810922				-\$2,965	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1905442				\$80,355	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2028803				-\$1,522	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2034856				\$59,475	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2149721				\$76,575	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2207965				\$49,009	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2235161				\$4,846	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2308895				\$24,670	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1812436				-\$3,850	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1853222				\$34,466	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1906725				\$22,427	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1912715				\$308	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1913293				\$53,409	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1953177			\$23,454	\$69,918	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2000048				\$67,614	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2054394				\$104,605	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2105468				\$59,675	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2106157				\$21,127	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2111039				\$55,574	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2111421				\$16,780	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2205626				\$32,345	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2210371				\$26,965	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2309778				\$3,003	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2108657				\$22,039	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2011307				\$86,779	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2011334				\$131,139	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2110294				\$68,231	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2207854				\$62,218	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1827180				\$71,665	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2137217				\$39,310	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		CLEMSON UNIVERSITY	2435-206-2015526		\$29,910	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		HOWARD UNIVERSITY	GRT000011451-10004235		\$2,660	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		NORTHWESTERN UNIVERSITY	60047551		\$130,559	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		OCCIDENTAL COLLEGE	OXY-CURM0059		-\$974	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF MINNESOTA	P010341301		\$10,722	\$3,333,490	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2314530				\$8,423	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1714749				\$462	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1801598				\$26,599	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1927715				\$77,151	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1939228				\$20,520	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1940192				\$27,702	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2021262				\$26,111	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2029102				\$137,124	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2119992				\$92,381	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2149587				\$65,440	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2322461			\$25,000	\$36,028	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2325183				\$5,410	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2201498				\$15,141	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1620591				\$61,259	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1650745				\$83,262	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1652351				\$89,214	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1714875				\$45,024	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1838376				\$37,394	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1917031				\$56,327	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1928360				\$1,915	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	1944552				\$52,383	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2013656				\$30,650	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2032167				\$97,308	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2038179			\$2,010	\$97,579	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2114403				\$66,962	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2217221				\$9,459	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2119866				\$59,222	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2049415				\$87,774	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050	2121664				\$12,690	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050		CALIFORNIA STATE UNIVERSITY	SA22131		\$62,350	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
GEOSCIENCES	47.050		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2015-091		\$5,955	\$1,495,219	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1553548				\$29,563	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1951971				\$51,285	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2006816				\$35,590	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2034247				\$58,709	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2114141				\$60,231	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2201505				\$40,790	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2232889			\$11,379	\$17,809	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2246187				\$5,300	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1647182				\$4,515	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1747751				\$151,573	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1818942				\$104,217	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1837472				\$106,830	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1909520				\$41,690	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1950873				\$89,058	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2008878				\$152,899	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2018850				\$1,145	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2114035				\$104,142	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2209854				\$95,370	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2217578				\$17,749	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2243589				\$48,961	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2243619				\$68,926	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2301552				\$12,238	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1725755				\$46,313	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1814797				\$43,814	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1900924				\$135,310	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1763246				\$95,608	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1948117				\$21,406	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2202108				\$146,940	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1925681			\$167,447	\$256,779	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2153451				\$23,305	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2201583				\$149,378	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		AUBURN UNIVERSITY	22-WREC-200887		\$58,529	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		GEORGIA STATE UNIVERSITY	SP00015053-03		\$19,964	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		IOWA STATE UNIVERSITY	022813A		\$93,586	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		NEW MEXICO STATE UNIVERSITY	Q02365		\$63,265	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF CALIFORNIA STANTA BARBARA	KK2242		\$76,019	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	NAN - 902		\$1	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF MASSACHUSETTS	20-015757-A-00		\$18,188	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF WASHINGTON	UWSC9974/BPO25974		-\$2,514	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		US IGNITE	CNS-2044448		\$189	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		VANDERBILT UNIVERSITY	OSA00000232		\$3,913	\$2,548,583	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1444448				-\$14,836	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1545780				\$328	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1557806				\$32,656	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1638550				\$29,371	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1715534				\$10,126	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1723147				\$11,657	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1755175				\$37,021	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2122902				\$78,690	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2133798				\$73,807	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2217322				\$181,714	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2308699				\$3,208	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1759896			\$33,641	\$106,332	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1759934				\$23,382	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1950787				\$101,649	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2145226				\$95,769	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1638972				\$15,418	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1754802				\$95,908	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1940624			\$40,829	\$212,062	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2109745			\$41,811	\$147,481	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1818312				\$23,620	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1940655				\$9,666	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2030473				\$40,088	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2047115				\$225,818	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2122027				\$139,044	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2214243				\$349,201	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2222157				\$108,716	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2224839				\$238,653	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1546873			\$130,884	\$222,487	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1654866				-\$199	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1734145			-\$2,363	-\$26,773	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1754201			\$18,798	\$140,527	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1758843				\$75,905	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1826803				\$32,356	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1829365			\$473,939	\$884,344	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1856093				\$100,741	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1932639			\$79,843	\$295,781	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	1936492			\$342,383	\$538,623	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2035891				\$44,102	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2101975				\$156,422	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2110017				\$298,068	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2128484				\$89,259	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2152548				\$111,522	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2208816				\$403	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2220951				\$14,335	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2221891				\$195,753	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074	2324639				\$8,288	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	24311-M		\$11,668	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	24409-M		\$171,072	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074		DONALD DANFORTH PLANT SCIENCE CENTER	N/A		\$68,451	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074		OHIO STATE UNIVERSITY	GR120573		\$158,764	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF FLORIDA	SUB00002414		\$94,770	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF GEORGIA	SUB00000817		\$10,556	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<b>Federal Awarding Agency/Program Title</b>	<b>Federal Assistance Number</b>	<b>Additional Award Identification</b>	<b>Name of Funder Pass-Through Entity</b>	<b>Identifying Number Assigned by Funder Pass-Through Entity</b>	<b>Total Amount Provided to Sub-Recipients</b>	<b>Federal Expenditures</b>	<b>Federal Program Total</b>	<b>Cluster Name</b>	<b>Cluster Total</b>
<i>BIOLOGICAL SCIENCES</i>	47.074		WASHINGTON STATE UNIVERSITY	139500 G004262/SPC002800		\$532,698	\$6,606,472	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1551992				\$26,687	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1947129				\$9,119	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2020096				\$20,067	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1853096				\$193,426	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1919515				\$1,720	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2020707			\$5,314	\$107,406	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2208558				\$51,605	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2244383				\$55,954	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1912776				\$135,542	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2017920				\$198,392	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2114282				\$119,765	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1123485				\$46,087	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1124829			\$14,412	\$42,009	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2152822				\$152,501	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2217844				\$1,607	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2218884				\$71,114	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2219849				\$40,891	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2021600			\$2,582	\$62,683	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	47.075		PENNSYLVANIA STATE UNIVERSITY	5001784-NSF		\$35,609	\$1,372,184	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1414438				\$10,853	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1659133				\$33,581	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1852822				\$179,981	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1906795				\$77,933	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1920546				\$113,607	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1945995				\$7,553	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2000607				\$126,214	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2009127				\$146,746	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2010260				\$157,327	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2010312			\$94,512	\$389,188	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2017743				\$169,211	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2020709			\$38,426	\$136,936	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2025270				\$10,655	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2138074				\$79,993	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2201204			\$33,361	\$178,496	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2237053				\$2,494	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2150210				\$46,021	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2227916				\$41,883	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1842485				\$141,513	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1946619			\$68,601	\$503,415	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2039288				\$39,343	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2152057				\$38,924	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2204537				\$70,077	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2202108				\$112,075	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2201965				\$4,540	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1742523				\$74,122	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1836857				\$62,467	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1914771				\$112,235	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1930221				\$233,500	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	1930402			\$7,117	\$102,700	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION AND HUMAN RESOURCES	47.076	2221559			\$5,383	\$20,898	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		AUBURN UNIVERSITY	21-COSAM-208400-UMO-KSCit	\$46,106	\$574,943	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		BOISE STATE UNIVERSITY	8151-PO136864		\$36,202	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		EDUCATION DEVELOPMENT CENTER INC	2021-0192		\$2,803	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		HARRIS STOWE STATE COLLEGE	1619639		\$85,054	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		HARRIS STOWE STATE COLLEGE	N/A		\$5,967	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		PORTLAND STATE UNIVERSITY	100248		\$17,841	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		UNIVERSITY OF FLORIDA	SUB00002972		\$56,788	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		UNIVERSITY OF FLORIDA	SUB00002974		\$134,285	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5116677		-57	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5121162		\$65,107	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		UNIVERSITY OF NEVADA LAS VEGAS	19-GR09294-00		\$37,488	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
<i>EDUCATION AND HUMAN RESOURCES</i>	47.076		VIRGINIA TECH	480801-19228		\$1,524	\$4,442,476	RESEARCH AND DEVELOPMENT	\$236,337,620
POLAR PROGRAMS	47.078	2327574				\$19,351	\$19,351	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	2153715				\$66,922	\$106,381	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	2245469				\$16,579	\$106,381	RESEARCH AND DEVELOPMENT	\$236,337,620



**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		ILLINOIS INSTITUTE OF TECHNOLOGY	2230770		\$22,880	\$106,381	RESEARCH AND DEVELOPMENT	\$236,337,620
INTEGRATIVE ACTIVITIES	47.083	2216026				\$834,962	\$2,415,346	RESEARCH AND DEVELOPMENT	\$236,337,620
INTEGRATIVE ACTIVITIES	47.083	1810732			\$385,678	\$1,580,384	\$2,415,346	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2141131				\$32,201	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2214028				\$43,574	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2229743				\$41,879	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2236622			\$4,308	\$150,993	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2240977				\$41,261	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2303003				\$284,127	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF TECHNOLOGY, INNOVATION, AND PARTNERSHIPS	47.084	2328471				\$1,067	\$595,102	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA FOR DR. MEHDI FERDOWSI WITH THE NATIONAL SCIENCE FOU	47.RD	2045406				\$35,091	\$233,073	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA FOR DR. DONALD WUNSCH WITH THE NATIONAL SCIENCE FOUN	47.RD	2125989				\$123,445	\$233,073	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF CONVERGENCE ACCELERATOR TRACK I: REVOLUTIONIZING THE	47.RD	A23-0178-S002	UNIVERSITY OF ALABAMA	A23-0178-S002		\$25,542	\$233,073	RESEARCH AND DEVELOPMENT	\$236,337,620
NSF I-CORPS HUB: GREAT LAKES REGION	47.RD	SUBK00012983 PO3006840556	UNIVERSITY OF MICHIGAN	SUBK00012983 PO3006840556		\$37,046	\$233,073	RESEARCH AND DEVELOPMENT	\$236,337,620
CHARACTERIZING THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL	47.RD	OS00001190 PO: SPC-003072	UNIVERSITY OF MIAMI	OS00001190 PO: SPC-003072		\$11,949	\$233,073	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL NATIONAL SCIENCE FOUNDATION</b>						\$2,528,160	\$26,941,958		
<b>SMALL BUSINESS ADMINISTRATION</b>									
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ20B0003				-\$90	-\$90	N/A	\$0
COVID-19 - SMALL BUSINESS DEVELOPMENT CENTERS	59.037	COVID-19					\$1,255	\$2,528,012	N/A
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ21B0082					\$26,254	\$2,528,012	N/A
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ22B0086			\$790,213	\$1,567,071	\$2,528,012	N/A	
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB230059-00-01				\$19,413	\$2,528,012	N/A	
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB230059-01-00			\$221,752	\$892,094	\$2,528,012	N/A	
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAOEDSB230059-01-01				\$22,015	\$2,528,012	N/A	
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058	SBAOIIFT210032-01-00			\$7,400	\$74,153	\$132,382	RESEARCH AND DEVELOPMENT	\$236,337,620
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058	SBAOIIFT210032-02-00				\$58,229	\$132,382	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL SMALL BUSINESS ADMINISTRATION</b>						\$1,019,275	\$2,660,394		
<b>DEPARTMENT OF VETERANS AFFAIRS</b>									
IMMERSIVE VIRTUAL REALITY TO IMPROVE OUTCOMES IN VETERAN	64.RD	N/A				\$3,409	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
OPEN-FIELD BLAST CORE FACILITY (OBLIGATION #589-C18051)	64.RD	Obligation# 589-C18051				\$36,437	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
GRACE MEERS IPA	64.RD	28009731-17C002098				\$3,003	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA ASSIGNMENT FOR RICHARD WATERS WITH VA	64.RD	589-C28029				\$17,487	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA ASSIGNMENT FOR KELLY WILLIAMS WITH VA	64.RD	589-C38023				\$30,319	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA-CHEN, SHANYAN (GU VA MERIT GRANT)	64.RD	N/A				\$21,979	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
VA IPA DR. SHARMA - SLEEP & PTSD	64.RD	N/A				\$57,960	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR TRIPTI KHARE	64.RD	N/A				\$10,376	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR HUMA NAZ ON DR. LASTRA VA GRANT	64.RD	N/A				\$15,000	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR CHASTIDY BAILEY	64.RD	N/A				\$5,212	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR SARAH JOHNSON	64.RD	N/A				\$16,483	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR DEEPHI RAO	64.RD	N/A				\$3,770	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR GREGORY PETROSKI	64.RD	N/A				\$4,297	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
INTERMITTENT IPA-RUNTING LI	64.RD	N/A				\$15,193	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
INTERMITTENT IPA-AMITAI ZUCKERMAN	64.RD	N/A				\$17,020	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
INTERMITTENT IPA-ASHLEY BALDERRAMA	64.RD	N/A				\$10,419	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
VA MERIT IPA (JIA): NOVEL MECHANISMS UNDERLYING THE DEVE	64.RD	N/A				\$8,496	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA FOR NING SHI	64.RD	N/A				\$9,262	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR GUANGHONG JIA ON LASTRA VA GRANT	64.RD	N/A				\$2,911	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
RATNAKAR TRIPATHI IPA AGREEMENT WITH VA HOSPITAL TO COVE	64.RD	N/A				\$15,234	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR DR. LI	64.RD	N/A				\$21,805	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR DR. QJ	64.RD	N/A				\$7,967	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR SARAH JOHNSON	64.RD	N/A				\$48,815	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
OLGA GLINSKI IPA AGREEMENT WITH VA HOSPITAL TO COVER 31	64.RD	N/A				\$27,189	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR CHASTIDY BAILEY	64.RD	N/A				\$282	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
PRAVEEN BALNE IPA AGREEMENT WITH VA HOSPITAL TO COVER 75	64.RD	N/A				\$23,175	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR GREGORY PETROSKI	64.RD	N/A				\$1,693	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR HUMA NAZ ON DR. LASTRA VA GRANT	64.RD	N/A				\$19,022	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA SALARY AGREEMENT FOR RAGHU RAMANATHAN	64.RD	N/A				\$73,702	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR YAN JI	64.RD	N/A				\$70,529	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
VA IPA - DR.SHARMA - SLEEP & PTSD	64.RD	N/A				\$16,314	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR SUNEEL GUPTA WITH VA HOSPITAL TO COVER	64.RD	N/A				\$18,974	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
PHAGE DISPLAY FOR IMPROVED PEPTIDE-BASED TUMOR TARGETING	64.RD	N/A				\$56,252	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA-ASHLEY BALDERRAMA (GU VA MERIT GRANT)	64.RD	N/A				\$7,045	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA-CHEN, SHANYAN (GU VA MERIT GRANT)	64.RD	N/A				\$16,268	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA-RUNTING LI (GU VA MERIT GRANT)	64.RD	N/A				\$11,191	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR DANIEL DAVIS	64.RD	N/A				\$5,123	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA EXTENSION-CUI, JIANKUN	64.RD	N/A				\$58,536	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA FOR ZUCKERMAN, AMITAI PRECISE-TBI: PRE CLINICAL LNTE	64.RD	N/A				\$45,165	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA FOR MICHAEL HILL ON FAY'S VA MERIT REVIEW AWARD	64.RD	N/A				\$7,685	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR KATHERINE BURR	64.RD	N/A				\$49,226	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR MANISHA VADALI	64.RD	N/A				\$12,364	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR JAMES ALEXANDER SMITH	64.RD	N/A				\$20,644	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA LIXIN MA SALARY REIMBURSEMENT	64.RD	N/A				\$9,746	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA OFBC LIXIN MA SALARY REIMBURSEMENT	64.RD	N/A				\$14,652	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR TAMMY ROLD	64.RD	N/A				\$101,058	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR ALEX SCHOENHERR	64.RD	N/A				\$13,223	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA AGREEMENT FOR LUIS MARTINEZ-LEMUS	64.RD	N/A				\$6,661	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA-ASHLEY BALDERRAMA (CONTINUATION-GU VA MERIT GRANT)	64.RD	N/A				\$10,794	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA ASSIGNMENT FOR DR. CATHERINE JOHNSON W/VA-NEW	64.RD	Oblig #589-C38029				\$33,707	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
IPA ASSIGNMENT FOR DR. CATHERINE JOHNSON WITH VA- OBFC	64.RD	Obligation # C38023				\$79,232	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
DOUGLAS IPA OPEN FIELD BLAST CORE	64.RD	OFBC # C38023				\$8,434	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.RD	N/A				\$37,725	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVIANT SYNCHRONIZATION OF NEURAL FUNCTION IN SCHIZOPHRE	64.RD	N/A	MINNESOTA VA HEALTH CARE SYSTEM	N/A		\$26,339	\$1,264,804	RESEARCH AND DEVELOPMENT	\$236,337,620
PHAGE DISPLAY FOR IMPROVED PEPTIDE-BASED TUMOR TARGETIN	64.U01	N/A				\$13,676	\$13,676	N/A	\$0
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.U02	589-C35102				\$16,820	\$16,820	N/A	\$0
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.U03	589-C35103				\$5,593	\$5,593	N/A	\$0
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.U04	N/A				\$27,777	\$27,777	N/A	\$0
<b>TOTAL DEPARTMENT OF VETERANS AFFAIRS</b>							<b>\$1,328,670</b>		
<b>ENVIRONMENTAL PROTECTION AGENCY</b>									
MULTIPURPOSE GRANTS TO STATES AND TRIBES	66.204		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$8,117	\$8,117	N/A	\$0
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING COOPERATIVE AGREEMENT PROGRAM	66.306		BIKEWALKKC	N/A		\$16,843	\$16,843	RESEARCH AND DEVELOPMENT	\$236,337,620
WATER POLLUTION CONTROL STATE, INTERSTATE, AND TRIBAL PROGRAM SUPPORT	66.419		MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		\$75,934	\$75,934	RESEARCH AND DEVELOPMENT	\$236,337,620
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G20-NPS-02		\$57,237	\$558,009	N/A	\$0
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G20-NPS-02		\$2,746	\$558,009	RESEARCH AND DEVELOPMENT	\$236,337,620
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G22-NPS-01		\$165,074	\$558,009	RESEARCH AND DEVELOPMENT	\$236,337,620
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G22-NPS-02		\$183,092	\$558,009	RESEARCH AND DEVELOPMENT	\$236,337,620
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G23-NPS-01		\$79,938	\$558,009	RESEARCH AND DEVELOPMENT	\$236,337,620
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G23-NPS-02		\$69,922	\$558,009	RESEARCH AND DEVELOPMENT	\$236,337,620
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	97790701				\$50,449	\$165,460	RESEARCH AND DEVELOPMENT	\$236,337,620
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	CD97770401				\$115,011	\$165,460	RESEARCH AND DEVELOPMENT	\$236,337,620
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468	CAPITALIZATI/A	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		\$10,901	\$10,901	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	84046701				\$60,608	\$188,914	RESEARCH AND DEVELOPMENT	\$236,337,620
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509		UNIVERSITY OF NORTH DAKOTA	UND0027930-S1	\$1,077	\$128,306	\$188,914	RESEARCH AND DEVELOPMENT	\$236,337,620
P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY	66.516	84040301				\$21,618	\$21,618	RESEARCH AND DEVELOPMENT	\$236,337,620
PERFORMANCE PARTNERSHIP GRANTS	66.605		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$55,024	\$55,024	N/A	\$0
POLLUTION PREVENTION GRANTS PROGRAM	66.708	97797001				\$50,407	\$50,407	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, TRAINING, DEMONSTRATIONS, AND STUDIES	66.716		EXTENSION FOUNDATION	SA-2022-57		\$20,550	\$20,550	N/A	\$0
SOLID WASTE MANAGEMENT ASSISTANCE GRANTS	66.808	97786301				\$105,088	\$105,088	RESEARCH AND DEVELOPMENT	\$236,337,620
ACTION FOR A HEALTHY BLUE RIVER WATERSHED: HEART OF THE	66.U01	97784001	HEARTLAND CONSERVATION ALLIANCE	97784001		\$3,878	\$3,878	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
<b>TOTAL ENVIRONMENTAL PROTECTION AGENCY</b>	66.U02	UMO-TO-21-F143	PEGASUS TECH SERVICE INC	UMO-TO-21-F143		\$48,151	\$48,151	N/A	\$0
					\$1,077	\$1,328,894			
<b>NUCLEAR REGULATORY COMMISSION</b>									
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310019M0035				\$27,000	\$238,644	N/A	\$0
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310018M0044				-\$2,388	\$238,644	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310019M0030				\$40,516	\$238,644	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310021M0014				\$83,900	\$238,644	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310021M0040				\$91,937	\$238,644	RESEARCH AND DEVELOPMENT	\$236,337,620
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	NRC-HQ-84-14-G-0031				-\$2,321	\$238,644	RESEARCH AND DEVELOPMENT	\$236,337,620
REFLOOD AND DROPLET MEASUREMENT AT LOW FLOWRATES USING R	77.RD	5003936-NRC	PENNSYLVANIA STATE UNIVERSITY	5003936-NRC		\$26,402	\$26,402	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL NUCLEAR REGULATORY COMMISSION</b>						\$265,046			
<b>DEPARTMENT OF ENERGY</b>									
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0023716				\$15,000	\$3,078,241	N/A	\$0
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-FG02-08ER46518				-\$692	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0014461				\$173,876	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0017130				\$349,280	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0018222			\$128,340	\$269,803	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0018662				\$6,034	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019109				\$107,475	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019114				\$11,281	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019218				\$153,173	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019740				\$73,106	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020159			\$24,579	\$76,612	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020292				\$120,480	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020346			\$251,229	\$449,452	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0021256				-\$8,465	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0021273				\$234,631	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0022555				\$14,508	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0023488				\$50,995	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0022145				\$183,459	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0022188				\$130,598	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0022235				\$120,428	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		COLD SPRING HARBOR LAB	51850413		\$34,278	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		DONALD DANFORTH PLANT SICENCE CENTER	22915-M		\$68,866	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		DONALD DANFORTH PLANT SICENCE CENTER	23410-M		\$1,105	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-001604-G1		\$84,623	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PHDS CO	N/A		\$76,629	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		QUASAR ENERGY GROUP	DOE SBIR DE-SC0022834		\$50,000	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF MINNESOTA	H007829701		\$21,657	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF NEBRASKA LINCOLN	25-1215-0265-007		\$9,208	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF TEXAS AUSTIN	UTA20-001010		\$200,841	\$3,078,241	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DE-EE0008449			\$146,922	\$548,390	\$2,426,828	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DE-EE0009119				\$239,562	\$2,426,828	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DE-EE0009392			\$883,195	\$1,550,492	\$2,426,828	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		IOWA STATE UNIVERSITY	026014A		\$56,309	\$2,426,828	RESEARCH AND DEVELOPMENT	\$236,337,620
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		UNIVERSITY OF DELAWARE	UDR0000277		\$32,075	\$2,426,828	RESEARCH AND DEVELOPMENT	\$236,337,620
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DE-EE0009250			\$208,473	\$1,063,497	\$1,790,473	RESEARCH AND DEVELOPMENT	\$236,337,620
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DE-EE0009790			\$269,241	\$625,840	\$1,790,473	RESEARCH AND DEVELOPMENT	\$236,337,620
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		ARIZONA STATE UNIVERSITY	ASUB00000943		\$101,136	\$1,790,473	RESEARCH AND DEVELOPMENT	\$236,337,620
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		GEORGIA TECH INSTITUTE	S1021-22830		\$6,123	\$223,351	RESEARCH AND DEVELOPMENT	\$236,337,620
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		MISSOURI STATE UNIVERSITY	18018-2		-\$5,434	\$223,351	RESEARCH AND DEVELOPMENT	\$236,337,620
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	28017164-09C00		\$31,478	\$223,351	RESEARCH AND DEVELOPMENT	\$236,337,620
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		UNIVERSITY OF ALASKA	POS28935 - UAF19-0013		\$41,184	\$223,351	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
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FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		UNIVERSAL MATTER LTD	13168441		\$150,000	\$223,351	RESEARCH AND DEVELOPMENT	\$236,337,620
ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL ANALYSIS/ASSISTANCE	81.117	DE-EE0009730			\$83,620	\$271,651	\$271,651	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	NE0000123				\$54,613	\$1,037,374	N/A	\$0
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	NE0009079				\$10,000	\$1,037,374	N/A	\$0
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0008753			\$29,521	\$60,378	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009065				\$72,247	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009177				\$125,000	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009197				\$219,876	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0009284				\$200,488	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE008968			\$38,960	\$249,737	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		AUBURN UNIVERSITY	20-ENG-211752-UMO		\$7,039	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		IDAHO STATE UNIVERSITY	16-0226A		\$36,041	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		OHIO STATE UNIVERSITY	60067834		\$1,955	\$1,037,374	RESEARCH AND DEVELOPMENT	\$236,337,620
ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT PROGRAM (EECBG)	81.128		CHILDRENS MERCY HOSPITAL	42022122		\$32,639	\$32,639	N/A	\$0
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	AR0000874			\$617	-\$14,678	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001125			\$16,555	\$472,259	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001213				\$5,942	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001707				\$15,580	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		RUTGERS	833124_SUB2435_PO2528427	4	\$97,538	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		UNIVERSITY OF CALIFORNIA LOS ANGELES	0121 G LA392		\$5,245	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		UNIVERSITY OF DELAWARE	UDR0000253		\$10,480	\$592,366	RESEARCH AND DEVELOPMENT	\$236,337,620
BLAST RESISTANT WINDOWS AND STRUCTURES	81.RD	US001-0000761395				\$120,475	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
GA, IN AND GE EXTRACTION FROM ZINC RESIDUE PRODUCED FROM DEVELOPMENT OF THE FUEL INTERROGATION AND EXAMINATION US	81.RD	SC-21-555	AMES LABORATORY	SC-21-555		\$116,628	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
	81.RD	276469	BATTELLE ENERGY ALLIANCE LLC	276469		\$23,872	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTIGATION OF U-MO MONOLITHIC FUEL INTERFACIAL BOND S	81.RD	279335	BATTELLE ENERGY ALLIANCE LLC	279335		\$14,034	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
PREDICTING THE PERFORMANCE AND IMPACT OF DYNAMIC PFC SUR	81.RD	4000159698	BATTELLE OAK RIDGE NATIONAL LABORATORY	4000159698		\$50,756	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
GAS-FIRED BINARY-FLUID SORPTION-ASSISTED EJECTOR HEAT PU	81.RD	4000180900	BATTELLE OAK RIDGE NATIONAL LABORATORY	4000180900		\$261,839	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
"CHARACTERIZATION OF ELECTRICALLY-INSULATING MATERIALS S MULTISCALE MODELING OF CORROSION AND OXIDATION PERFORMAN	81.RD	142832	FLUOR MARINE PROPULSION LLC	142832		\$554	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
SUMMER RESEARCH EXPERIENCE IN ADDITIVE MANUFACTURING	81.RD	AGC-RQ19-126R05	FORD MOTOR CO	AGC-RQ19-126R05		\$59,115	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
METAL ADDITIVE MANUFACTURING MATERIALS ANALYSIS FOR MISS	81.RD	28010393-17R002095	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	28010393-17R002095		\$67,544	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVELOPMENT AND FABRICATION OF THIN FILM PASSIVE DEVICES	81.RD	N000285533	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000285533		\$694	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
AM OF ADVANCED CERAMICS	81.RD	N000295115	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000295115		\$830	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ULTRA-HIGH TEMPERATURE CERAMICS	81.RD	N000335752	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000335752		\$14,295	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NEXT GENERATION CERAMIC MATERIALS	81.RD	N000335755	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000335755		\$2,490	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
FREQUENCY RESPONSE INSPECTION OF AM PARTS	81.RD	N000340984	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000340984		\$28	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADDITIVE MATERIALS EVALUATIONS	81.RD	N000342832	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000342832		\$7,701	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
	81.RD	N000343667	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000343667		-\$3,532	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620

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WIRE FED ELECTRON BEAM ADDITIVE MANUFACTURING CONTROL DE	81.RD	N000377223	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000377223		\$19,047	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
HIGH G SHOCK AND PROGRAMMABLE POWER SUPPLY	81.RD	N000377742	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000377742		-\$7,797	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
GLASS FIBERS	81.RD	N000377787	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000377787		\$1,212	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
DIGITAL PROTECTIVE ENVIRONMENT	81.RD	N000379555	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000379555		\$69,188	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
PDRD-S&T NEXT GENERATION CERAMIC MATERIALS	81.RD	N000380532	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000380532		\$54,457	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NEW SOUNDING ROCKET TECH	81.RD	N000380539	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000380539		\$11,046	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ATOMIC LAYER DISPOSITION	81.RD	N000380564	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000380564		-\$67	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
PRINTED GLASS TO METAL SEALS	81.RD	N000384545	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000384545		\$569	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
PLASMA SPHEROIDIZATION OF COPPER POWDERS	81.RD	N000387438	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000387438		\$929	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADDITIVE MATERIALS EVALUATIONS	81.RD	N000389859	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000389859		-\$3,540	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
PULSE FORMING NETWORK IMPROVEMENTS	81.RD	N000409368	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000409368		\$17,473	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
JOINING AND PHASE EQUILIBRIA OF ULTRA-HIGH TEMPERATURE	81.RD	N000419135	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000419135		\$106,245	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
VERIFICATION AND VALIDATION OF THERMOFLUID SIMULATION	81.RD	N000419255	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000419255		\$91,456	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NEXT GENERATION CERAMIC MATERIALS	81.RD	N000419330	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000419330		\$78,693	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
MICROSTRUCTURE AND MATERIALS PROPERTIES	81.RD	N000420390	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000420390		\$2,582	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
AM OF ADVANCED CERAMICS	81.RD	N000420994	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000420994		\$22,290	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
CHEMISTRY VARIABILITY FOR PERFORMANCE AND LIFECYCLE MODE	81.RD	N000421953	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000421953		\$60,904	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
SR. DESIGN: LIQUID CHEMICAL DISPENSER AND CONNECTION SLE	81.RD	N000422466	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000422466		\$21,165	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NEW SOUNDING ROCKET TECH	81.RD	N000422537	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000422537		\$19,280	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
TFP-GLASS SURFACE MODIFICATION	81.RD	N000422545	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000422545		\$45,760	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
FIRST-PRINCIPLES MODELING OF MAX PHASE ELECTRONIC AND OP	81.RD	N000422571	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000422571		\$16,909	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
FRANGIBLE GLASS	81.RD	N000423299	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000423299		\$75,210	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
DIGITALLY ASSURED MANUFACTURING PROCESSES TESTBED	81.RD	N000424843	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000424843		\$19,543	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
HEML AND C3 GAS GUN COLLABORATION	81.RD	N000427442	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000427442		\$183,821	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NEXT GENERATION TITANIUM OF AM	81.RD	N000427890	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000427890		\$55,492	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NON-NEWTONIAN FLUIDS FOR CLEANING METAL ADDITIVE PARTS	81.RD	N000429413	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000429413		\$107,631	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
HIPERCO REPLACEMENT	81.RD	N000432647	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000432647		\$44,960	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
GLASS: REFRACTIVE INDEX MODIFICATION	81.RD	N000436112	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000436112		\$21,462	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
SR DESIGN: CYCLONE SEPARATOR FOR MICROSPHERES AND SELF-	81.RD	N000441829	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000441829		\$22,000	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADDITIVE MATERIALS EVALUATIONS FY22 - CMD - LEU	81.RD	N000441830	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000441830		\$57,282	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
FIRST-PRINCIPLES MODELING OF MAX PHASE ELECTRONIC AND OP	81.RD	N000463066	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000463066		\$20,741	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NON-NEWTONIAN FLUIDS FOR CLEANING METAL ADDITIVE PARTS R	81.RD	N000463249	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000463249		\$59,920	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
CHEMISTRY VARIABILITY FOR PERFORMANCE AND LIFECYCLE MODE	81.RD	N000465893	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000465893		\$37,745	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

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
TFP- GLASS SURFACE MODIFICATION	81.RD	N000465907	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000465907		\$272	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADDITIVE MANUFACTURING OF HIGH-PERFORMANCE POLYMER COMPO	81.RD	N000465918	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000465918		\$73,303	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
DESIGN RULES FOR CERAMIC ADDITIVE MANUFACTURING	81.RD	N000466038	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000466038		\$103,926	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADDITIVE MATERIALS EVALUATIONS FY 23	81.RD	N000468248	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000468248		\$43,225	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
POLYMER CROSSLINKING: SWELLING RATIO TESTER VERSUS POSI	81.RD	N000468486	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000468486		\$26,842	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
APPLYING ADAPTIVE RESONANCE THEORY (ART), MANUFACTURING	81.RD	N000468607	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000468607		\$102,078	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
HIPERCO REPLACEMENT	81.RD	N000468835	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000468835		\$11,162	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
POSITRON EVALUATION OF METAL POWDER HYBRID MATERIALS PDR	81.RD	N000472231	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000472231		\$41,304	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ENGINEERED STRESS PROFILES	81.RD	N000472236	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000472236		\$5,816	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED GLASS TO METAL SEAL TECHNOLOGY	81.RD	N000472601	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000472601		\$17,921	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ADVANCED ADDITIVE MANUFACTURING OF TITANIUM DEVELOPMENT OF HIGH THROUGHPUT MECHANICAL PROPERTIES TES	81.RD	N000472837	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000472837		\$75,418	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
CONCRETE ASSISTED BY PARTICLES SEALED UNDER LARGE-SCALE	81.RD	234370	IDAHO NATIONAL LABORATORY	234370		\$36,038	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
EML MODIFICATION TO C3 LAUNCHER FOR INCREASED VELOCITY	81.RD	B656734	LAWRENCE LIVERMORE NATIONAL LABORATORY	B656734		\$41,976	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
EML MODIFICATION TO C3 LAUNCHER FOR INCREASED VELOCITY	81.RD	250321	MISSION SUPPORT AND TESTING SERVICES, LLC	250321		\$25,417	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
2020 SOLAR DECATHLON	81.RD	60025201 34416	NATIONAL RENEWABLE ENERGY LABORATORY	60025201 34416		\$14,222	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
METAL-TO-CERAMIC JOINING METHODS TO SUPPORT DEVELOPMENT	81.RD	SUB-2022-10089	NATIONAL RENEWABLE ENERGY LABORATORY	SUB-2022-10089		\$93,151	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
SELECTIVE AND EFFICIENT RECOVERY OF TELLURIUM FROM COPPE	81.RD	SUB-2023-10246	NATIONAL RENEWABLE ENERGY LABORATORY	SUB-2023-10246		\$40,793	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
MISSOURI OZARK AMERIFLUX (MOFLUX) PROJECT PHASE FOUR	81.RD	4000150689	OAK RIDGE NATIONAL LABORATORY	4000150689		\$173,616	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
V BRADLEY INTERNSHIP	81.RD	4000191838	OAK RIDGE NATIONAL LABORATORY	4000191838		\$4,992	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
NP-MRD: NATURAL PRODUCTS MAGNETIC RESONANCE DATABASE	81.RD	519177	PACIFIC NORTHWEST NATIONAL LABORATORY	519177		\$88,016	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
SSTR: PHASE II: ADVANCED MECHANICAL TESTING (AMT) SYSTEM	81.RD	N/A	PRODUCT INNOVATION AND ENGINEERING LLC	N/A		\$1,826	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
PRODUCTION OF Si2N2O2/BN COMPOSITES AND COLD SINTERING D	81.RD	2132640	SANDIA NATIONAL LABORATORY	2132640		-\$1,483	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
SLOW CRACK GROWTH IN SODIUM SILICATE GLASSES	81.RD	2265741	SANDIA NATIONAL LABORATORY	2265741		\$32,542	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
RADIATION EFFECTS ON THE HYDROGEN EQUILIBRIUM VAPOR PRES	81.RD	2265827	SANDIA NATIONAL LABORATORY	2265827		\$112,280	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
THEORETICAL PREDICTION OF NITROGEN DIOXIDE POTENTIAL ENE	81.RD	PO#2249097	SANDIA NATIONAL LABORATORY	PO#2249097		\$75,590	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
MATERIALS RESEARCH & EMBEDDED SENSING VIA LASER FOIL PRI	81.RD	22891_PO#EP143871	TRIAD NATIONALSECURITY LLC	22891_PO#EP143871		\$76,532	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
EMBEDDING DISTRIBUTED FIBER OPTIC SENSORS IN LASER DEPOS	81.RD	553044	TRIAD NATIONALSECURITY LLC	553044		\$63,568	\$3,451,274	RESEARCH AND DEVELOPMENT	\$236,337,620
ARGONNE WORK ORDER #3 BOA 7J-30010	81.U01	7J-30010-0003A	ARGONNE NATIONAL LAB	7J-30010-0003A		\$57,883	\$57,883	N/A	\$0
CONTROLLED FORCE GAGE	81.U02	N000388702	HONEYWELL MANUFATURING AND TECH	N000388702		\$1,352	\$1,352	N/A	\$0
DATA ACQUISITION SYSTEM TO ENHANCE VEHICLE TESTING CAPAB	81.U03	N000421064	HONEYWELL MANUFATURING AND TECH	N000421064		\$3,468	\$3,468	N/A	\$0
SP22 SR DESIGN PROJECT-HONEYWELL-3D PHOTO IMAGING-TEAM 1	81.U04	N000428978	HONEYWELL MANUFATURING AND TECH	N000428978		\$1,295	\$1,295	N/A	\$0
EPOXY STAKING OF PRINTED WIRING BOARD COMPONENTS, COMPRES	81.U05	N000476496	HONEYWELL MANUFATURING AND TECH	N000476496		\$1,644	\$1,644	N/A	\$0
<b>TOTAL DEPARTMENT OF ENERGY</b>						<b>\$2,081,252</b>	<b>\$12,969,839</b>		
<b>DEPARTMENT OF EDUCATION</b>									
CIVIL RIGHTS TRAINING AND ADVISORY SERVICES	84.004		INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS	N/A		\$21,949	\$21,949	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
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<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A212397				-\$1,445	\$2,822,488	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A222394				\$1,043,906	\$2,822,488	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A222395				\$857,628	\$2,822,488	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A222396				\$232,744	\$2,822,488	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A222397				\$689,655	\$2,822,488	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES	84.010		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$517,538	\$517,538	N/A	\$0
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$485,744	\$485,744	N/A	\$0
SPECIAL EDUCATION_GRANTS TO STATES	84.027		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$3,041,206	\$3,048,933	SPECIAL EDUCATION CLUSTER (IDEA)	\$3,048,933
SPECIAL EDUCATION_GRANTS TO STATES	84.027		REGIONAL EDUCATIONAL SERVICES CENTER	N/A		\$7,727	\$3,048,933	SPECIAL EDUCATION CLUSTER (IDEA)	\$3,048,933
FEDERAL WORK-STUDY PROGRAM	84.033	P033A192395				\$3,147	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL WORK-STUDY PROGRAM	84.033	P033A202394				-\$2	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL WORK-STUDY PROGRAM	84.033	P033A212396				\$12,392	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222394				\$1,146,985	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222395				\$857,628	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222396				\$275,064	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL WORK-STUDY PROGRAM	84.033	P033A222397				\$372,732	\$2,667,946	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
PERKINS LOAN PROGRAM	84.038	PERKINS LOAN PROGRAM				\$12,091,801	\$12,091,801	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TRIO_STUDENT SUPPORT SERVICES	84.042	P042A201685				\$543,947	\$770,298	TRIO CLUSTER	\$1,023,809
TRIO_STUDENT SUPPORT SERVICES	84.042	P042A201817				\$226,351	\$770,298	TRIO CLUSTER	\$1,023,809
CAREER AND TECHNICAL EDUCATION -- BASIC GRANTS TO STATES	84.048		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$117,684	\$117,684	N/A	\$0
FEDERAL PELL GRANT PROGRAM	84.063	P063P210259				\$179,476	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P210260				-\$439	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P210261				\$144,378	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P215258				\$37,476	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P220259				\$24,394,038	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P220260				\$5,580,936	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P220261				\$11,394,237	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063P225258				\$13,490,614	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063Q060259				\$51,770	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063Q065258				\$27,935	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063Q080260				\$12,270	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FEDERAL PELL GRANT PROGRAM	84.063	P063Q100261				\$26,040	\$55,338,731	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	P116Q220003				\$12,228	\$3,012,228	N/A	\$0
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	P116Z220152				\$3,000,000	\$3,012,228	N/A	\$0
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		COMMONWEALTH OF KENTUCKY	PON2 531 2300000021		\$25,761	\$4,380,150	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
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REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$4,336,295	\$4,380,150	N/A	\$0
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		MISSOURI DEPARTMENT OF SOCIAL SERVICES	ER101140001		\$853	\$4,380,150	N/A	\$0
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$17,241	\$4,380,150	RESEARCH AND DEVELOPMENT	\$236,337,620
BUSINESS AND INTERNATIONAL EDUCATION PROJECTS SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES_NATIONAL PROGRAMS	84.153	P153A210012				\$107,561	\$107,561	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180051				\$32,061	\$32,061	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180061				\$68,853	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180066				\$230,588	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180071				\$51,548	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180090				\$182,103	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180095				\$91,104	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210017				\$86,921	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210083				\$90,869	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210100				\$46,408	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210130				\$159,258	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A210121				\$128,880	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217	P217A170201				\$30,974	\$1,167,506	RESEARCH AND DEVELOPMENT	\$236,337,620
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217	P217A220286				\$76,635	\$253,511	TRIO CLUSTER	\$1,023,809
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217	P217A220286				\$176,876	\$253,511	TRIO CLUSTER	\$1,023,809
FEDERAL DIRECT STUDENT LOANS	84.268	DIRECT LOANS				\$327,713,973	\$327,713,973	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$523,570	\$523,570	N/A	\$0
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	00R305A220322				\$213,824	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A170180				\$357,360	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A180111			\$119,082	\$248,749	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A180516				\$23,504	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A200111				\$2,036	\$311,701	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A200297				\$573,052	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A210126				\$302,374	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A210212				\$463,898	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A210321				\$41,287	\$534,018	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305C190014				\$469,162	\$1,406,443	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305D210032				\$54,573	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305D210044				\$270,665	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		AMERICAN INSTITUTE FOR RESEARCH	0501100002		\$100,855	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		SRI INTERNATIONAL	30755		\$313,025	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5114108		\$10,061	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		UNIVERSITY OF FLORIDA	1776-1082		\$50,777	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		UNIVERSITY OF VIRGINIA	AWD-004144 GR100616		\$7,679	\$5,368,879	RESEARCH AND DEVELOPMENT	\$236,337,620
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$27,623	\$27,623	N/A	\$0
RESEARCH IN SPECIAL EDUCATION	84.324	R324A190046				\$251,754	\$395,393	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324	R324X220102				\$266,724	\$622,967	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		AMERICAN INSTITUTE FOR RESEARCH	048000001		\$329,629	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		OREGON RESEARCH INSTITUTE	N/A		\$84,833	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF LOUISVILLE	ULRF_19-0195-02		\$41,250	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF MINNESOTA	A005942802		\$2,908	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5115068		\$39,975	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF SOUTH FLORIDA	5810-1025-00-A		\$19,674	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF WISCONSIN MADISON	0000000255		\$70,918	\$1,607,547	RESEARCH AND DEVELOPMENT	\$236,337,620
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325D160067				\$25,818	\$645,473	N/A	\$0
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325D190033				\$278,046	\$645,473	N/A	\$0
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325K210082				\$164,442	\$645,473	N/A	\$0
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		UNIVERSITY OF TEXAS AUSTIN	SUB00000234		\$177,167	\$645,473	RESEARCH AND DEVELOPMENT	\$236,337,620



**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
SPECIAL EDUCATION, TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326		UNIVERSITY OF OREGON	282070K		\$835,004	\$949,638	N/A	\$0
SPECIAL EDUCATION, TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326	H326M170006			\$114,363	\$114,634	\$949,638	RESEARCH AND DEVELOPMENT	\$236,337,620
SPECIAL EDUCATION, EDUCATIONAL TECHNOLOGY MEDIA, AND MATERIALS FOR INDIVIDUALS WITH DISABILITIES	84.327		UNIVERSITY OF KANSAS	FY2023-001		\$28,911	\$28,911	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335	P335A180302				\$143,522	\$143,522	N/A	\$0
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365	T365Z170135			\$14,153	\$91,281	\$106,912	N/A	\$0
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$15,631	\$106,912	N/A	\$0
IMPROVING TEACHER QUALITY STATE GRANTS	84.367		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$277,542	\$272,107	N/A	\$0
IMPROVING TEACHER QUALITY STATE GRANTS	84.367		MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	N/A		-\$5,435	\$272,107	RESEARCH AND DEVELOPMENT	\$236,337,620
GRANTS FOR STATE ASSESSMENTS AND RELATED ACTIVITIES	84.369		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$582,062	\$582,062	N/A	\$0
STRIVING READERS	84.371		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$1,175,695	\$954,033	N/A	\$0
STRIVING READERS	84.371		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		-\$221,662	\$954,033	RESEARCH AND DEVELOPMENT	\$236,337,620
TEACHER INCENTIVE FUND	84.374		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$8,999	\$8,999	N/A	\$0
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T235258				\$69,767	\$262,043	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T220261				\$1,885	\$262,043	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T225258				\$4,715	\$262,043	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T230259				\$36,699	\$262,043	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T230261				\$148,977	\$262,043	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	84.407		UNIVERSITY OF MASSACHUSETTS	UMBOS-11838		\$68,678	\$586,177	N/A	\$0
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	84.407	P407A200051				\$517,499	\$586,177	RESEARCH AND DEVELOPMENT	\$236,337,620
POSTSECONDARY EDUCATION SCHOLARSHIPS FOR VETERAN'S DEPENDENTS	84.408	P408A210259				-\$3	\$11,723	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
POSTSECONDARY EDUCATION SCHOLARSHIPS FOR VETERAN'S DEPENDENTS	84.408	P408A220259				\$6,501	\$11,723	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
POSTSECONDARY EDUCATION SCHOLARSHIPS FOR VETERAN'S DEPENDENTS	84.408	P408A230259				\$5,225	\$11,723	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
INVESTING IN INNOVATION (I3) FUND	84.411		NATIONAL WRITING PROJECT CORP	92-MO03-2020I3C3WP		-\$1	\$3,672,439	N/A	\$0
INVESTING IN INNOVATION (I3) FUND	84.411	S411B210031			\$21,874	\$1,033,577	\$3,672,439	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTING IN INNOVATION (I3) FUND	84.411	S411C200078			\$507,963	\$819,479	\$3,672,439	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTING IN INNOVATION (I3) FUND	84.411	S411C210101			\$72,182	\$313,760	\$3,672,439	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTING IN INNOVATION (I3) FUND	84.411	U411B150005				-\$54,497	\$3,672,439	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTING IN INNOVATION (I3) FUND	84.411	U411C180114			\$868,012	\$1,225,593	\$3,672,439	RESEARCH AND DEVELOPMENT	\$236,337,620
INVESTING IN INNOVATION (I3) FUND	84.411		SOUTHERN METHODIST UNIVERSITY	G002048		\$334,528	\$3,672,439	RESEARCH AND DEVELOPMENT	\$236,337,620
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423	U423A180058			\$1,358,942	\$2,066,694	\$2,117,856	N/A	\$0
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423		UNIVERSITY OF TEXAS ARLINGTON	2022GC0707		\$51,162	\$2,117,856	RESEARCH AND DEVELOPMENT	\$236,337,620
STUDENT SUPPORT AND ACADEMIC ENRICHMENT PROGRAM	84.424		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$32,666	\$32,666	N/A	\$0
COVID-19 EDUCATION STABILIZATION FUND	84.425	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$57,138	\$76,780	RESEARCH AND DEVELOPMENT	\$236,337,620
COVID-19 EDUCATION STABILIZATION FUND	84.425	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	S425U210021		\$19,642	\$76,780	RESEARCH AND DEVELOPMENT	\$236,337,620
COVID-19 - EDUCATION STABILIZATION FUND	84.425C	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$79,459	\$105,085	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425C	COVID-19	MISSOURI DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT	N/A		\$25,626	\$105,085	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425D	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$3,631,362	\$3,631,362	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425E	COVID-19				-\$1,650	\$3,064,375	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
COVID-19 - EDUCATION STABILIZATION FUND	84.425E	COVID-19				\$3,066,025	\$3,064,375	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425F	COVID-19				-\$3,977	-\$3,977	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425U	COVID-19	HAZELWOOD MISSOURI SCHOOL DISTRICT	N/A		\$181,312	\$13,686,525	N/A	\$0
			MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION						
COVID-19 - EDUCATION STABILIZATION FUND	84.425U	COVID-19	UNIVERSITY OF OKLAHOMA	N/A		\$13,505,213	\$13,686,525	N/A	\$0
MAINTENANCE OF THE OKLAHOMA PRE-ETS SYSTEM	84.RD	DRS PRE-ETS FY23	UNIVERSITY OF OKLAHOMA	DRS PRE-ETS FY23		\$26,741	\$26,741	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL DEPARTMENT OF EDUCATION</b>						<b>\$4,185,611</b>	<b>\$453,039,173</b>		
<b>DELTA REGIONAL AUTHORITY</b>									
DELTA AREA ECONOMIC DEVELOPMENT	90.201	MO-54462				\$149,377	\$149,377	RESEARCH AND DEVELOPMENT	\$236,337,620
<b>TOTAL DELTA REGIONAL AUTHORITY</b>							<b>\$149,377</b>		
<b>DEPARTMENT OF HEALTH AND HUMAN SERVICES</b>									
SPECIAL PROGRAMS FOR THE AGING_TITLE III, PART B_GRANTS FOR SUPPORTIVE SERVICES AND SENIOR CENTERS	93.044		CONNECTICUT AGING AND DISABILITY SERVICES	SDRM1-000006779		\$1,870	\$1,870	AGING CLUSTER	\$1,870
COVID-19 - SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048	COVID-19			\$64,600	\$58,299	\$527,441	N/A	\$0
COVID-19 - SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048	COVID-19			\$40,000	\$164,497	\$527,441	N/A	\$0
SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048	90NWGV0007-01-00				\$113,068	\$527,441	N/A	\$0
SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048	90NWP0032-01-00				\$45,816	\$527,441	N/A	\$0
SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048		JEWISH FEDERATIONS OF NORTH AMERICA	F-19		\$145,761	\$527,441	N/A	\$0
NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E	93.052		MID AMERICA REGIONAL COUNCIL	2022-UMKC	\$22,303	\$33,840	\$33,840	N/A	\$0
COMPETITIVE ABSTINENCE EDUCATION (CAE)	93.060	90SR0068-01-00				\$246,597	\$517,091	N/A	\$0
COMPETITIVE ABSTINENCE EDUCATION (CAE)	93.060	90SR0131				\$270,494	\$517,091	N/A	\$0
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH200047765		\$100,254	\$355,233	N/A	\$0
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220052076		\$182,760	\$355,233	N/A	\$0
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380085		\$1	\$355,233	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC21380084		\$13,530	\$355,233	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ230051833		\$58,688	\$355,233	RESEARCH AND DEVELOPMENT	\$236,337,620
MEDICARE ENROLLMENT ASSISTANCE PROGRAM	93.071	2102MOMIDR-01				\$54,132	\$128,800	N/A	\$0
MEDICARE ENROLLMENT ASSISTANCE PROGRAM	93.071	2202MOMIDR-00				\$74,668	\$128,800	N/A	\$0
LIFESPAN RESPITE CARE PROGRAM	93.072		NEW YORK STATE OFFICE OF AGING	T-220146		\$8,201	\$8,201	N/A	\$0
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0001316		\$12,645	\$13,426	N/A	\$0
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0001316		\$781	\$13,426	RESEARCH AND DEVELOPMENT	\$236,337,620
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	93.084	U01CK000671				\$143,729	\$143,729	RESEARCH AND DEVELOPMENT	\$236,337,620
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	90ZB0020-01-00				\$76	\$1,300,667	N/A	\$0
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	90ZB0020-02			\$410,429	\$601,036	\$1,300,667	N/A	\$0
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	90ZB0020-03			\$377,517	\$699,555	\$1,300,667	N/A	\$0
ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE	93.087		PREFERRED FAMILY HEALTHCARE	N/A		\$236,038	\$236,038	N/A	\$0
ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088		JOHN SNOW INC	22040		\$20,497	\$97,433	N/A	\$0
ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088		JSI RESEARCH AND TRAINING INSTITUTE INC.	23090		\$2,897	\$97,433	N/A	\$0
ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088	ASTWH190088			\$18,075	\$74,039	\$97,433	RESEARCH AND DEVELOPMENT	\$236,337,620
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC11380234 TA 22905		\$21,473	\$154,001	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<b>Federal Awarding Agency/Program Title</b>	<b>Federal Assistance Number</b>	<b>Additional Award Identification</b>	<b>Name of Funder Pass-Through Entity</b>	<b>Identifying Number Assigned by Funder Pass-Through Entity</b>	<b>Total Amount Provided to Sub-Recipients</b>	<b>Federal Expenditures</b>	<b>Federal Program Total</b>	<b>Cluster Name</b>	<b>Cluster Total</b>
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ230052300		\$132,528	\$154,001	N/A	\$0
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$43,565	\$216,052	N/A	\$0
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	75F40122C00183				\$3,810	\$216,052	RESEARCH AND DEVELOPMENT	\$236,337,620
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	R01FD003937				\$285	\$216,052	RESEARCH AND DEVELOPMENT	\$236,337,620
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	U18FD006670				\$50,706	\$216,052	RESEARCH AND DEVELOPMENT	\$236,337,620
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	U18FD007511				\$18,780	\$216,052	RESEARCH AND DEVELOPMENT	\$236,337,620
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	U18FD007720				\$98,906	\$216,052	RESEARCH AND DEVELOPMENT	\$236,337,620
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		SAINT LOUIS MENTAL HEALTH BOARD	20-0255OC		\$171,385	\$228,161	N/A	\$0
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		SAINT LOUIS MENTAL HEALTH BOARD	21-1165OC		\$56,776	\$228,161	N/A	\$0
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107		A.T. STILL UNIVERSITY	5 U77HP030422400		\$16,655	\$49,355	N/A	\$0
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107		A.T. STILL UNIVERSITY	U77-HP-03042		\$32,700	\$49,355	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	T73MC00022				\$543,630	\$1,298,441	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		IOWA DEPARTMENT OF HEALTH	5883MH41		\$17,812	\$1,298,441	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000064		\$25,641	\$1,298,441	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000065		\$1,635	\$1,298,441	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201	\$106,777	\$688,054	\$1,298,441	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0000877		\$44	\$1,298,441	RESEARCH AND DEVELOPMENT	\$236,337,620
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0002465		\$21,625	\$1,298,441	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL HEALTH	93.113	R01E5021007			\$181,712	\$638,848	\$671,106	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL HEALTH	93.113	R01E5025547				-\$64	\$671,106	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL HEALTH	93.113	R01E5026200				-\$3,558	\$671,106	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL HEALTH	93.113	R21E5031645				\$23,066	\$671,106	RESEARCH AND DEVELOPMENT	\$236,337,620
ENVIRONMENTAL HEALTH	93.113		BROWN UNIVERSITY	00001602		\$12,814	\$671,106	RESEARCH AND DEVELOPMENT	\$236,337,620
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) ACTIVITY	93.118		AIDS UNITED	N/A		\$7,524	\$7,524	N/A	\$0
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE007389				\$7,635	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE022971			\$241,127	\$844,152	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027049				\$308,266	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027879				\$587,267	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027884				\$257,040	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE029833			\$135,242	\$893,635	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE032032				\$72,170	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R03DE031388				\$147,316	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R21DE032560				\$45,645	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF COLORADO DENVER	FY22.530.002		\$6,943	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0000680		-\$47,976	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF TEXAS MD ANDERSON CANCER CTR	3002011195		\$37,802	\$3,159,895	RESEARCH AND DEVELOPMENT	\$236,337,620
NURSE ANESTHETIST TRAINEESHIPS	93.124	A2231006				\$21,951	\$21,951	N/A	\$0
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127	H3331623				\$28,875	\$160,253	N/A	\$0
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127	H33MC31623				\$131,378	\$160,253	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210048770		\$10,891	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210048770-03		\$14,788	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049733		\$143,983	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049928		\$115,101	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051617		\$34,101	\$806,130	N/A	\$0

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INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051703		\$205,646	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ200047832		\$1,200	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ220051555		\$26,288	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A		\$9,900	\$806,130	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	R01CE003456	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ200047832	\$70,808	\$215,375	\$806,130	RESEARCH AND DEVELOPMENT	\$236,337,620
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ200047832		\$1,410	\$806,130	RESEARCH AND DEVELOPMENT	\$236,337,620
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		UNIVERSITY OF PENNSYLVANIA	577761		\$27,447	\$806,130	RESEARCH AND DEVELOPMENT	\$236,337,620
COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM	93.137	CPIMP201192				\$73,120	\$73,120	N/A	\$0
NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143	R13E5035296				\$19,938	\$19,938	RESEARCH AND DEVELOPMENT	\$236,337,620
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO	17460		\$990	\$18,537	N/A	\$0
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO	17460-04		\$2,005	\$18,537	N/A	\$0
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO	19509		\$7,159	\$18,537	N/A	\$0
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO	19510		\$6,651	\$18,537	N/A	\$0
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS SYSTEM	17461-03		\$1,732	\$18,537	RESEARCH AND DEVELOPMENT	\$236,337,620
RURAL HEALTH RESEARCH CENTERS	93.155	P13RH33181			\$62,196	\$84,636	\$84,636	N/A	\$0
HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	93.161	R01TS000336				\$132,491	\$132,491	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R21DC019952				\$169,583	\$389,739	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		ARIZONA STATE UNIVERSITY	ASUB00000119		\$46,298	\$389,739	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		HEALTH RESEARCH INC.	488-01		\$7,101	\$389,739	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		NORTHWESTN UNIVERSITY	60058813 UMC		\$29,397	\$389,739	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		UNIVERSITY HOSPITAL BONN	N/A		\$137,360	\$389,739	RESEARCH AND DEVELOPMENT	\$236,337,620
DISABILITIES PREVENTION	93.184	NU27DD000029			\$120,003	\$439,327	\$439,327	N/A	\$0
IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS	93.185		UNIVERSITY OF FLORIDA	SUB00003367		\$260,175	\$351,093	N/A	\$0
IMMUNIZATION RESEARCH, DEMONSTRATION, PUBLIC INFORMATION AND EDUCATION_TRAINING AND CLINICAL SKILLS IMPROVEMENT PROJECTS	93.185		WASHINGTON UNIVERSITY	WU-22-0184	\$68,981	\$90,918	\$351,093	RESEARCH AND DEVELOPMENT	\$236,337,620
GRADUATE PSYCHOLOGY EDUCATION PROGRAM AND PATIENT NAVIGATOR AND CHRONIC DISEASE PREVENTION PROGRAM	93.191	D40HP33369				\$236,130	\$236,130	N/A	\$0
TELEHEALTH PROGRAMS	93.211	H2ARH39974				\$275,339	\$328,904	N/A	\$0
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	GR16491		\$56,057	\$328,904	N/A	\$0
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	Z1N00050		-\$2,492	\$328,904	N/A	\$0
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213	K01AT009373				\$22,738	\$22,738	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	R01HS028404			\$4,095	\$428,535	\$852,297	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	R21HS028032				\$138,131	\$852,297	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		COLUMBIA UNIVERSITY	1(GG014728-03		\$17,415	\$852,297	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		OREGON HEALTH SCIENCE UNIVERSITY	1021183_MISSOURI		\$252,385	\$852,297	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		UNIVERSITY OF MICHIGAN	SUBK00016902		\$15,831	\$852,297	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL153523				\$418,752	\$1,030,942	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL153612				\$472,103	\$1,030,942	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL166183				\$110,140	\$1,030,942	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		UNIVERSITY OF ILLINOIS AT CHICAGO	19353		\$29,947	\$1,030,942	RESEARCH AND DEVELOPMENT	\$236,337,620
TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050854	\$7,821	\$21,967	\$142,821	N/A	\$0
TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050854-01	\$17,519	\$98,126	\$142,821	N/A	\$0

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TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ230052236	\$10,310	\$22,728	\$142,821	N/A	\$0	
AFFORDABLE CARE ACT (ACA) ABSTINENCE EDUCATION PROGRAM	93.235		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC11380234 TA 22905		\$47,555	\$165,961	N/A	\$0	
AFFORDABLE CARE ACT (ACA) ABSTINENCE EDUCATION PROGRAM	93.235		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	KQ230052300		\$118,406	\$165,961	N/A	\$0	
MENTAL HEALTH RESEARCH GRANTS	93.242		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380004		\$96,268	\$2,861,625	N/A	\$0	
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH061469				\$405,013	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH108559			\$51,319	\$163,014	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH113560			\$426,017	\$514,067	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH114722			\$60,926	\$207,105	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH121345			\$674,496	\$877,599	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH122023				\$185,394	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		COLUMBIA UNIVERSITY	1(GG013832-01)		\$2,593	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		FLORIDA STATE UNIVERSITY	R000002511		\$42,161	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		JOHNS HOPKINS UNIVERSITY	2005424743		\$40,439	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		PARATECHS CORP	00064264		\$3,602	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		ROLLINS COLLEGE	250516-45220-03		\$9,496	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		TOWSON UNIVERSITY	5030365-16800		\$52,236	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	10181sc		\$2,869	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF MIAMI	OS00000883		\$148,424	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		VIRGINIA COMMONWEALTH UNIVERSITY	FP00006198_SA004		\$2,345	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	WU-19-324		\$48,545	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	WU-22-0309		\$36,455	\$2,861,625	RESEARCH AND DEVELOPMENT	\$236,337,620	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H795M082871					\$314,223	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H795M084869					\$375,320	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H795M085050			\$24,440	\$540,142	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H795P081006			\$161,759	\$1,522,642	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H795P082143				\$205,549	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79T1082547				\$67,800	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79T1083022			\$690,755	\$1,900,990	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79T1083108				\$439,454	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79T1084712				\$134,614	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	UR1T1080205			\$129,612	\$831,598	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		45TH JUDICIAL CIRCUIT OF MISSOURI	N/A		\$59,756	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		9TH JUDICIAL CIRCUIT OF MISSOURI	N/A		\$59,025	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	PCSSMAT19-5	\$7,911	\$12,821	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	PCSSMAT19-5-NCE		\$73,097	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	SOR/TOR-22-1	\$1,737,042	\$2,810,234	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		DEPRESSION BIPOLAR SUPPORT ALLIANCE	N/A		\$51,066	\$13,058,374	N/A	\$0	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		IOWA STATE UNIVERSITY	026629A		\$783	\$13,058,374	N/A	\$0	

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SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		KANSAS CITY HEALTH CARE CENTER	N/A		\$86,331	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MID AMERICA PREVENTION TECHNOLOGY TRANSFER CENTER NE	N/A		\$14,008	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049422		-\$5,532	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053155		\$200,150	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380203		\$63,864	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380031	\$95,079	\$913,631	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380007		\$290,943	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC22380024	\$99,833	\$833,028	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOREHOUSE SCHOOL OF MEDICINE	1002-2		\$70,227	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		NATIONAL COUNCIL FOR BEHAVIORAL HEALTH	_2650.0003_A2_		-\$748	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		PREFERRED FAMILY HEALTHCARE	N/A		\$37,083	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		QUEEN OF PEACE CENTER	N/A		\$230,473	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		SAINT LOUIS MENTAL HEALTH BOARD	20-026SOC		\$54,487	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STANFORD UNIVERSITY	61904509-137362		\$185,891	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STANFORD UNIVERSITY	61904509-137362Supplement		\$39,526	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORP	TMC-21-080208		\$190,995	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORP	TMC-22-080208		\$388,615	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		UNIVERSITY OF FLORIDA	SUB00003539		\$13,603	\$13,058,374	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SM082871				\$25,176	\$13,058,374	RESEARCH AND DEVELOPMENT	\$236,337,620
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	U79SM080025				\$1,140	\$13,058,374	RESEARCH AND DEVELOPMENT	\$236,337,620
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		COUNTY OF CALLAWAY	N/A		-\$1	\$13,058,374	RESEARCH AND DEVELOPMENT	\$236,337,620
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOREHOUSE SCHOOL OF MEDICINE	100-1		\$26,370	\$13,058,374	RESEARCH AND DEVELOPMENT	\$236,337,620
FAMILY PLANNING_PERSONNEL TRAINING	93.260	FPTPA006031			\$39,886	\$1,788,999	\$1,821,375	N/A	\$0
FAMILY PLANNING_PERSONNEL TRAINING	93.260		JOHN SNOW INC	22030		\$32,376	\$1,821,375	N/A	\$0
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	U600H012350-02-01			\$160,096	\$948,855	\$948,855	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<b>Federal Awarding Agency/Program Title</b>	<b>Federal Assistance Number</b>	<b>Additional Award Identification</b>	<b>Name of Funder Pass-Through Entity</b>	<b>Identifying Number Assigned by Funder Pass-Through Entity</b>	<b>Total Amount Provided to Sub-Recipients</b>	<b>Federal Expenditures</b>	<b>Federal Program Total</b>	<b>Cluster Name</b>	<b>Cluster Total</b>
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264	NURSING FACULTY LOANS				\$4,587,018	\$4,587,018	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC24380005		\$290,716	\$289,205	N/A	\$0
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH200048223		-\$1,511	\$289,205	N/A	\$0
ALCOHOL RESEARCH PROGRAMS	93.273	1K23AA029729				\$178,113	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA027957				\$1,360	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA029948				\$43,435	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA029949				\$39,418	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA030210				\$36,477	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	K08AA028543				\$174,698	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	K23AA026895				\$198,833	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	K25AA024182				-\$78	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	K99AA028306				\$95,511	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	K99AA029169				\$137,523	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA019546				\$76,203	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA021510			\$25,918	\$342,723	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA025451			\$65,353	\$299,018	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA027824			\$131,258	\$546,621	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA028175			\$4,697	\$291,524	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R21AA025715				-\$10,032	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R25AA023687				\$77,305	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	R34AA029132			\$60,078	\$206,267	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273	T32AA013526				\$303,219	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273		BROWN UNIVERSITY	00001601		\$20,230	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273		BROWN UNIVERSITY	00002012		\$56,156	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273		PURDUE UNIVERSITY	11000771-004		-\$25,691	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
ALCOHOL RESEARCH PROGRAMS	93.273		UNIVERSITY OF MEMPHIS	A20-0133-5001		\$709	\$3,089,542	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	F31DA054701				\$46,228	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	F31DA055452				\$26,507	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	K08DA058080				\$4,636	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	R01DA048094			\$59,534	\$408,662	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		FORDHAM UNIVERSITY	FORD0072-30290		\$25,782	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		HENNEPIN HEALTHCARE RESEARCH INSTITUTE	15348-1		\$31,813	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		HENNEPIN HEALTHCARE RESEARCH INSTITUTE	15386-05		\$8,620	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		HENNEPIN HEALTHCARE RESEARCH INSTITUTE	15394-01		\$53,335	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		RUTGERS	1280		\$57,494	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	WU-22-0216		\$30,872	\$693,949	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	U01HL152410			\$321,490	\$362,015	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R01EB024408				\$247,571	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R01EB032869			\$196,263	\$510,498	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R01EB033371			\$138,975	\$398,337	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R03EB028922				\$16,946	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R21EB026560				\$16,557	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		DUKE UNIVERSITY	303000523		\$20,493	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		UNIVERSITY OF PENNSYLVANIA	AWD00002479 (135218-1)		\$24,947	\$1,597,364	RESEARCH AND DEVELOPMENT	\$236,337,620
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	K23MD016168				\$207,993	\$359,500	RESEARCH AND DEVELOPMENT	\$236,337,620
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	R00MD012815				\$77,650	\$359,500	RESEARCH AND DEVELOPMENT	\$236,337,620
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	R21MD017029				\$63,283	\$359,500	RESEARCH AND DEVELOPMENT	\$236,337,620
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		WASHINGTON UNIVERSITY	WU-23-0227-MOD-1		\$10,574	\$359,500	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310	3U01HL152410-0451				\$125,596	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310	U01HL152410			\$549,706	\$1,142,061	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310	1U01MD018310-01			\$12,460	\$148,209	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310	R01DK124664			\$121,808	\$559,947	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310	SU42OD027090-05				\$46,827	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310	U42OD027090			\$348,839	\$1,839,363	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310		FLORIDA INTERNATIONAL UNIVERSITY	000284		\$120,780	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
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TRANS-NIH RESEARCH SUPPORT	93.310		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC21380079		\$527,183	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310		OREGON HEALTH SCIENCE UNIVERSITY	1012396_UMISSOURI		\$50,620	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	GR16647		\$1,724	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
TRANS-NIH RESEARCH SUPPORT	93.310		WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	WU-23-0018		\$31,946	\$4,594,256	RESEARCH AND DEVELOPMENT	\$236,337,620
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	49670/AOC21380080		\$116,962	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380085		\$2,561,121	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC21380080		\$42,668	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC2380031		\$2,321,281	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC2380006		\$656,037	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049712		\$173,886	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050722		\$136,709	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052392		\$280	\$6,343,094	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053126		\$334,150	\$6,343,094	N/A	\$0
STATE HEALTH INSURANCE ASSISTANCE PROGRAM	93.324		KNOWLEDGE MANAGEMENT ASSOCIATES	N/A		\$21,198	\$21,198	N/A	\$0
COOPERATIVE AGREEMENT TO SUPPORT NAVIGATORS IN FEDERALLY-FACILITATED AND STATE PARTNERSHIP MARKETPLACES	93.332		AGING MATTERS	200402-01		\$6,874	\$6,874	N/A	\$0
BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM	93.336		IDAHO DEPARTMENT OF HEALTH AND WELFARE	HC341200		\$65,778	\$65,778	N/A	\$0
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	HEALTH PROFESSION LOANS				\$16,660,721	\$18,152,235	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	DISADVANTAGED STUDENTS				\$1,491,514	\$18,152,235	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		DUKE UNIVERSITY	A034559; 266338		\$9,815	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		DUKE UNIVERSITY	A03-4755		-\$4	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		OHIO STATE UNIVERSITY	SPC-1000004402		\$7,196	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	GR505621		\$21,630	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	AWD-0002609		\$33,154	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	GR16353	\$52,970	\$52,970	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	GR17012		\$38,543	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-389		-\$122	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-21-0466		-\$3	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-21-380		\$300	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-21-412		\$2	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-22-0488		\$10,000	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-22-0489		\$110,202	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-22-0490-MOD-1		\$98,334	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0032		\$98,303	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0491		\$9,494	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620



**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

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NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0492		\$13,050	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0497		\$32,211	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0517		\$119,927	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-23-0533		\$21,590	\$676,592	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	P40OD011062				\$1,934,267	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R03OD028259				-\$615	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R21OD027062				\$267	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R24OD030214			\$127,017	\$296,479	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	S10OD032246				\$147,048	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	S10OD032373				\$599,978	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	T32OD011126				\$244,356	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD0110918				\$2,322,164	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD011140				\$2,795,385	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		CRYOCRATE LLC	N/A		\$5,594	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		IOWA STATE UNIVERSITY	022042A		\$35,033	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		TEXAS STATE UNIVERSITY	22033-84014-1		\$19,459	\$8,399,415	RESEARCH AND DEVELOPMENT	\$236,337,620
21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	93.353	U01CA244314				\$853,116	\$853,116	RESEARCH AND DEVELOPMENT	\$236,337,620
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052608		\$583,537	\$630,641	N/A	\$0
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		VIRGINIA DEPARTMENT OF HEALTH	522A2300186		\$30,604	\$630,641	RESEARCH AND DEVELOPMENT	\$236,337,620
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		VIRGINIA DEPARTMENT OF HEALTH	700B1210095		\$16,500	\$630,641	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360	IDSEP190056				\$100,625	\$100,625	N/A	\$0
NURSING RESEARCH	93.361	F31NR019918				\$32,314	\$757,990	RESEARCH AND DEVELOPMENT	\$236,337,620
NURSING RESEARCH	93.361	F31NR019923				\$35,043	\$757,990	RESEARCH AND DEVELOPMENT	\$236,337,620
NURSING RESEARCH	93.361	R01NR016423				\$152,770	\$757,990	RESEARCH AND DEVELOPMENT	\$236,337,620
NURSING RESEARCH	93.361	R01NR017168			\$67,485	\$533,896	\$757,990	RESEARCH AND DEVELOPMENT	\$236,337,620
NURSING RESEARCH	93.361		INDIANA UNIVERSITY	9208-UM		\$3,967	\$757,990	RESEARCH AND DEVELOPMENT	\$236,337,620
NURSING STUDENT LOANS	93.364	NURSING STUDENT LOANS				\$1,989,487	\$1,989,487	STUDENT FINANCIAL ASSISTANCE	\$425,637,445
NATIONAL AND STATE TOBACCO CONTROL PROGRAM (B)	93.387		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052595		\$7,907	\$13,147	N/A	\$0
NATIONAL AND STATE TOBACCO CONTROL PROGRAM (B)	93.387		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053218		\$5,240	\$13,147	N/A	\$0
COVID-19 - ACTIVITIES TO SUPPORT STATE, TRIBAL, LOCAL AND TERRITORIAL (STLT) HEALTH DEPARTMENT RESPONSE TO PUBLIC HEALTH OR HEALTHCARE CRISES	93.391	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051452	\$146,363	\$613,637	\$2,701,701	N/A	\$0
COVID-19 - ACTIVITIES TO SUPPORT STATE, TRIBAL, LOCAL AND TERRITORIAL (STLT) HEALTH DEPARTMENT RESPONSE TO PUBLIC HEALTH OR HEALTHCARE CRISES	93.391	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051559	\$12,201	\$950,865	\$2,701,701	N/A	\$0
COVID-19 - ACTIVITIES TO SUPPORT STATE, TRIBAL, LOCAL AND TERRITORIAL (STLT) HEALTH DEPARTMENT RESPONSE TO PUBLIC HEALTH OR HEALTHCARE CRISES	93.391	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051705		\$779,413	\$2,701,701	N/A	\$0
ACTIVITIES TO SUPPORT STATE, TRIBAL, LOCAL AND TERRITORIAL (STLT) HEALTH DEPARTMENT RESPONSE TO PUBLIC HEALTH OR HEALTHCARE CRISES	93.391		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052264		\$357,786	\$2,701,701	N/A	\$0
CANCER CAUSE AND PREVENTION RESEARCH	93.393		LUMIPHORE	N/A		\$27,280	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	ZAR00070/AWD-0001742		\$1,417	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF MICHIGAN	SUBK00017167		\$6,056	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF MICHIGAN	SUBK00017499		\$56,542	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0012186A		-\$1,247	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CAUSE AND PREVENTION RESEARCH	93.393		WASHINGTON UNIVERSITY	WU-23-0089		\$13,691	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CAUSE AND PREVENTION RESEARCH	93.393		WASHINGTON UNIVERSITY	WU-23-0265		\$25,225	\$128,964	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	1R03CA219337-01A1				\$9,014	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		CRYOCRATE LLC	MU 006		\$120,092	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620

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CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD526771		-\$8,773	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	MSKSUB00000124		\$22,524	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	SUB00000332		\$42,495	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		NORTHWESTN UNIVERSITY	60058817 UMC		\$57,164	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY OF PITTSBURGH	6AWD00002637 (135131-1)		\$278,611	\$521,127	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA208396			\$21,934	\$70,874	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA214018			\$4,082	-\$9,467	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA222293				\$150,514	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA231099				\$272,535	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA247763				\$77,727	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA250536				\$380,264	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA262664			\$165,988	\$457,452	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA271592				\$69,933	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA274677			\$45,101	\$399,918	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R01CA274959				\$5,489	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R03CA249487				\$25,146	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395	R15CA224033				\$150,009	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395		ALLIANCE FOR CLINICAL TRIALS IN ONCOLOGY	M0036		\$80,987	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395		CANCER TARGETED TECH LLC	N/A		\$64,372	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395		PUBLIC HEALTH INSTITUTE	AR61850		\$11,991	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395		PUBLIC HEALTH INSTITUTE	COG NCTN PCR Work Order		\$3,547	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395		VIRIGINAL TECH	412729-19228		\$94,988	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER TREATMENT RESEARCH	93.395		WASHINGTON UNIVERSITY	WU-22-0115		\$32,925	\$2,339,204	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER BIOLOGY RESEARCH	93.396	R01CA264944			\$32,059	\$486,785	\$1,066,314	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER BIOLOGY RESEARCH	93.396	R21CA249348				\$129,706	\$1,066,314	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER BIOLOGY RESEARCH	93.396	R33CA228979				-\$2,542	\$1,066,314	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER BIOLOGY RESEARCH	93.396	R37CA241603				\$405,745	\$1,066,314	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER BIOLOGY RESEARCH	93.396		UNIVERSITY OF GEORGIA	RR571-424/S001502		\$46,620	\$1,066,314	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER CONTROL	93.399		ALLIANCE FOR CLINICAL TRIALS IN ONCOLOGY	N/A		\$3,803	\$3,803	RESEARCH AND DEVELOPMENT	\$236,337,620
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	93.421		AMERICAN ACADEMY OF PEDIATRICS	N/A		\$1,981	\$159,920	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	93.421		ASSOCIATES OF UNIVERSITY CENTERS ON DISABILITIES	N/A		\$3,028	\$159,920	N/A	\$0
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	93.421		NATIONAL ASSOCIATION OF COUNTY AND CITY HEALTH OFFICIALS	2022-013101		\$57,041	\$159,920	N/A	\$0
COVID-19 - STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATION'S HEALTH	93.421	COVID-19	PUBLIC HEALTH INFORMATICS INSTITUTE	PI-CD34-PCOR		\$97,870	\$159,920	RESEARCH AND DEVELOPMENT	\$236,337,620
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049053-01		\$2,436	\$33,859	N/A	\$0
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049053-02		\$31,423	\$33,859	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	90DP0093-05-00				\$8,839	\$1,880,620	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	90DPAD0007			\$6,248	\$1,870,332	\$1,880,620	RESEARCH AND DEVELOPMENT	\$236,337,620
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		MEMORIAL HERMANN HEALTH SYSTEM	2023-Yr1-ADA PARC-UNIVERS		\$1,449	\$1,880,620	RESEARCH AND DEVELOPMENT	\$236,337,620
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	90TP0066-01-00	\$30,000	\$619,569	\$2,932,683	N/A	\$0
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$1,027,574	\$2,932,683	N/A	\$0
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000033		\$873,478	\$2,932,683	N/A	\$0
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000039		\$275,819	\$2,932,683	N/A	\$0
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000064		\$2,824	\$2,932,683	N/A	\$0

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EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000065		\$88,442	\$2,932,683	N/A	\$0
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$44,977	\$2,932,683	RESEARCH AND DEVELOPMENT	\$236,337,620
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)	93.436		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH190033001		-\$379	\$7,213	N/A	\$0
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)	93.436		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051370		\$7,592	\$7,213	N/A	\$0
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	93.439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC19380137		\$67	\$45,606	N/A	\$0
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	93.439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC19380202		-\$40	\$45,606	N/A	\$0
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	93.439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050701		\$45,646	\$45,606	N/A	\$0
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	93.439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050874		-\$67	\$45,606	N/A	\$0
ACL ASSISTIVE TECHNOLOGY	93.464		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$18,721	\$18,721	N/A	\$0
ALZHEIMER'S DISEASE PROGRAM INITIATIVE (ADPI)	93.470		MEMORY CARE HOME SOLUTIONS	90ADPI0091-01-00		\$21,424	\$51,409	N/A	\$0
ALZHEIMER'S DISEASE PROGRAM INITIATIVE (ADPI)	93.470		OCCK, INC	UMKC-01		\$29,985	\$51,409	N/A	\$0
CONGRESSIONAL DIRECTIVES	93.493	4 GE1HS47345-01-05			\$292,368	\$637,804	\$4,559,969	N/A	\$0
CONGRESSIONAL DIRECTIVES	93.493	CE1HS46400				\$198,545	\$4,559,969	N/A	\$0
CONGRESSIONAL DIRECTIVES	93.493	CE1HS47213				\$334,614	\$4,559,969	N/A	\$0
CONGRESSIONAL DIRECTIVES	93.493	CE1HS47274				\$3,389,006	\$4,559,969	N/A	\$0
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE AND RESILIENT	93.495		ST LOUIS COUNTY MISSOURI	6980 HU146		\$138,111	\$383,747	N/A	\$0
COMMUNITY HEALTH WORKERS FOR PUBLIC HEALTH RESPONSE AND RESILIENT	93.495		ST LOUIS COUNTY MISSOURI	6980- HU246		\$245,636	\$383,747	N/A	\$0
COVID-19 - PROVIDER RELIEF FUND	93.498	COVID-19				\$12,681,731	\$16,074,461	N/A	\$0
COVID-19 - PROVIDER RELIEF FUND	93.498	COVID-19				\$3,392,730	\$16,074,461	N/A	\$0
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504	2 H84MCO9484-13-00				\$85,703	\$81,297	N/A	\$0
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504	H84MCO9484				-\$4,406	\$81,297	N/A	\$0
PROMOTING SAFE AND STABLE FAMILIES	93.556		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC11380234 TA 22905		-\$70,186	-\$70,186	N/A	\$0
CHILD SUPPORT ENFORCEMENT RESEARCH	93.564		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380088		\$76,132	\$76,132	N/A	\$0
COMMUNITY SERVICES BLOCK GRANT	93.569		MICHIGAN PUBLIC HEALTH INSTITUTE	22-FA-020282-115-504200		\$11,548	\$161,894	RESEARCH AND DEVELOPMENT	\$236,337,620
COMMUNITY SERVICES BLOCK GRANT	93.569		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC22380044		\$150,346	\$161,894	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	AOC14380146-009		\$3,143	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	AOC19380083		\$44,594	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$31,755	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$180,484	\$2,833,818	CCDF CLUSTER	\$2,840,172
COVID-19 - CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$2,451	\$2,833,818	CCDF CLUSTER	\$2,840,172
COVID-19 - CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COVID-19	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$6,134	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$19,869	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$2,064	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$396,037	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	OOC23000035	\$142,428	\$2,014,820	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	P437-615		\$86,077	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	AOC15380293		\$52,744	\$2,833,818	CCDF CLUSTER	\$2,840,172
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	90YE0231				-\$6,354	\$2,833,818	RESEARCH AND DEVELOPMENT	\$236,337,620
REFUGEE AND ENTRANT ASSISTANCE, DISCRETIONARY GRANTS PROMOTE THE SURVIVAL AND CONTINUING VITALITY OF NATIVE AMERICAN LANGUAGES	93.576		INTERNATIONAL INSTITUTE OF ST LOUIS	N/A		-\$3	-\$3	N/A	\$0
HEAD START	93.600	07CD004080-01-00	AMERICAN INDIAN RESOURCE CENTER INC	N/A		\$4,808	\$4,808	RESEARCH AND DEVELOPMENT	\$236,337,620
HEAD START	93.600					-\$156	\$177,793	HEAD START CLUSTER	\$177,793
HEAD START	93.600	07CD004080-02				\$121,903	\$177,793	HEAD START CLUSTER	\$177,793

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HEAD START	93.600	07CD004080-03				\$56,046	\$177,793	HEAD START CLUSTER	\$177,793
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		ASSOCIATION ON AGING WITH DEVELOPMENTAL DISABILITIES	N/A		\$25,794	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		IDAHO DEPARTMENT OF HEALTH AND WELFARE	MC003600		\$20,803	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		INDIANA GOVERNMENT	60407		\$202,627	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380081		\$54,840	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC22380053		\$8,797	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEPARTMENT OF MENTAL HEALTH	PGA010-08001		\$34,494	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL NEBRASKA COUNCIL ON DEVELOPMENTAL DISABILITIES	M13437 101737		\$69,978 \$25,690	\$520,138 \$520,138	N/A N/A	\$0 \$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		OHIO STATE UNIVERSITY	N/A		\$8,827	\$520,138	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEPARTMENT OF MENTAL HEALTH	PGA010-21003	\$5,000	\$68,288	\$520,138	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNIQ0007				-\$298	\$574,424	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNIQ0007-04-00			-\$57,528	-\$8,129	\$574,424	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNIQ0007-05-00			\$116,701	\$431,047	\$574,424	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		NATIONAL FAMILY VOICES	2022-519		\$92,515	\$574,424	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		NATIONAL FAMILY VOICES	E0001.304.1.0		\$24,989	\$574,424	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		SELF ADVOCATES BECOMING EMPOWERED	N/A		\$34,300	\$574,424	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632	90DDC50038				\$1,967	\$525,652	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632	90DDUC0037				\$514	\$525,652	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632	90DDUC0114-01-00				\$492,022	\$525,652	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632	90UCPH0021-00-00				\$31,149	\$525,652	N/A	\$0
ADOPTION OPPORTUNITIES	93.652		UNIVERSITY OF WASHINGTON	UWSC13743		\$15,144	\$15,144	RESEARCH AND DEVELOPMENT	\$236,337,620
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY AND COMMUNITY TRUST	93.0311		\$58,016	\$58,016	N/A	\$0
MEDICAL STUDENT EDUCATION	93.680	T99HP33557			\$577,090	\$9,005,908	\$13,241,383	N/A	\$0
MEDICAL STUDENT EDUCATION	93.680	T99HP39202			\$160,680	\$4,231,333	\$13,241,383	N/A	\$0
MEDICAL STUDENT EDUCATION	93.680		UNIVERSITY OF UTAH	10053739-02-UM		\$4,142	\$13,241,383	N/A	\$0
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732	M01HP31366				\$448,850	\$1,089,318	N/A	\$0
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		SUPPORTIVE BEHAVIORAL RESOURCES INC	N/A		\$3,270	\$1,089,318	N/A	\$0
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		UNIVERSITY OF WISCONSIN MADISON	0000001652		\$109,616	\$1,089,318	N/A	\$0
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		UNIVERSITY OF WISCONSIN MADISON	0000002297		\$527,582	\$1,089,318	N/A	\$0
EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIES THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION PROGRAMS FINANCED BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.734	90CSSG0010-01-00			\$3,049	\$3,842	\$3,842	N/A	\$0
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI BEHAVIORAL HEALTH COUNCIL	N/A		\$12,772	\$1,382,344	MEDICAID CLUSTER	\$1,368,423
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI BEHAVIORAL HEALTH COUNCIL	N/A		\$237,270	\$1,382,344	MEDICAID CLUSTER	\$1,368,423
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC18380066		\$161,812	\$1,382,344	MEDICAID CLUSTER	\$1,368,423
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380006		\$940,253	\$1,382,344	MEDICAID CLUSTER	\$1,368,423
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI DEPARTMENT OF MENTAL HEALTH	DMH205001		\$16,316	\$1,382,344	MEDICAID CLUSTER	\$1,368,423
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC15380036		\$13,921	\$1,382,344	RESEARCH AND DEVELOPMENT	\$236,337,620
OPIOID STR	93.788	H79TI083108				\$173,341	\$9,355,703	N/A	\$0
OPIOID STR	93.788	H79TI083259			\$12,455	\$367,405	\$9,355,703	N/A	\$0

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
OPIOID STR	93.788		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	SOR-CARE-39	\$1,589,462	\$2,222,354	\$9,355,703	N/A	\$0
OPIOID STR	93.788		AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	SOR-CARE-NCE-39	\$282,258	632902	\$9,355,703	N/A	\$0
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098		\$58,726	\$9,355,703	N/A	\$0
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01388098		-\$1	\$9,355,703	N/A	\$0
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC213800034		\$4,763	\$9,355,703	N/A	\$0
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380034	\$799,879	\$3,465,078	\$9,355,703	N/A	\$0
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC23380030	\$482,069	\$2,424,358	\$9,355,703	N/A	\$0
OPIOID STR	93.788		AMERICAN ACADEMY OF FAMILY PHYSICIANS	N/A		\$6,777	\$9,355,703	RESEARCH AND DEVELOPMENT	\$236,337,620
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380083	\$90,227	\$165,918	\$884,463	N/A	\$0
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380083-003		\$134,487	\$884,463	N/A	\$0
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC22380046		\$584,058	\$884,463	N/A	\$0
ORGANIZED APPROACHES TO INCREASE COLORECTAL CANCER SCREENING HEALTH CAREERS OPPORTUNITY PROGRAM	93.800	NU58DP006765			\$245,020	\$900,413	\$900,413	N/A	\$0
	93.822	D18HP32133			\$11,351	\$661,081	\$661,081	N/A	\$0
CAPACITY BUILDING ASSISTANCE (CBA) FOR HIGH-IMPACT HIV PREVENTION	93.834	NU65PS923671			\$101,838	\$513,335	\$513,335	N/A	\$0
CARDIOVASCULAR DISEASES RESEARCH	93.837	1K01HL161538-01A1				\$100,061	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	F31HL158537				\$34,219	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	F32HL152558				\$59,320	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	K01HL142944				\$119,851	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	K01HL155232				\$129,127	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R00HL130339				\$1,282	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R00HL134823			\$12,443	\$131,650	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL095638			\$202,845	\$380,796	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL098602				\$1,060,891	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL119053				\$473,038	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL122578			\$228,129	\$831,932	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL132836				\$382,482	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL135854				\$152,185	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136292				\$118,071	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136386			\$87,738	\$290,172	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136710				\$116,860	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL137769				\$206,476	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL139523			\$85,655	\$99,036	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL140684			\$203,552	\$405,186	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL141107				\$95,635	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL142133			\$137,141	\$172,548	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL142770				\$657,215	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL147313				\$274,425	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL148080				\$339,642	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL148196				\$589,872	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL148785			\$113,501	\$427,765	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL149727				\$272,421	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL151384				\$596,182	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL151444				\$532,025	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL153266			\$25,941	\$878,484	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL156957				\$192,937	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL157038				\$333,360	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL159157			\$89,283	\$564,529	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL160541				\$14,307	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837	T32HL110837			\$58,521	\$459,413	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		CARDIAC RSK3 INHIBITORS LLC	N/A		\$481,088	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	A035535 CAC PREVENTABLE		\$3,366	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		OHIO STATE UNIVERSITY	GR109436 / SPC1000003711		-\$117	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		REGENCOR INC	NAN - 257		\$94,221	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5016780-SERV		\$130,562	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5019305-SERV		\$23,095	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5023701-SERV		\$89,065	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF KENTUCKY	3200005096-21-097		\$97,226	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MICHIGAN	SUBK00012754		\$71,948	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MINNESOTA	P007129102		\$24,862	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER	417457G/UR FAO GRS10850		\$18,028	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<b>Federal Awarding Agency/Program Title</b>	<b>Federal Assistance Number</b>	<b>Additional Award Identification</b>	<b>Name of Funder Pass-Through Entity</b>	<b>Identifying Number Assigned by Funder Pass-Through Entity</b>	<b>Total Amount Provided to Sub-Recipients</b>	<b>Federal Expenditures</b>	<b>Federal Program Total</b>	<b>Cluster Name</b>	<b>Cluster Total</b>
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF SOUTH FLORIDA	6143-1178-00-A		\$14,355	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF WASHINGTON	UWSC12212		\$144,987	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
CARDIOVASCULAR DISEASES RESEARCH	93.837		WASHINGTON UNIVERSITY	WU-18-433		-\$22	\$12,686,059	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838	F32HL159930				\$55,797	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838	R01HL128454				\$63,707	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838	R01HL152288				\$349,685	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838		CHILDRENS HOSPITAL OF PHILADELPHIA	GRT-00001622/POW203425223		\$134,219	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838		OHIO STATE UNIVERSITY	GR122607/POH SPC-10000052		\$41,888	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA	S00649-01		\$143,987	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA	S02089-01		\$11,993	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA	S03690-01		\$97,231	\$898,507	RESEARCH AND DEVELOPMENT	\$236,337,620
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	K22HL142846				\$169,526	\$627,919	RESEARCH AND DEVELOPMENT	\$236,337,620
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	R00HL143198				\$282,151	\$627,919	RESEARCH AND DEVELOPMENT	\$236,337,620
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		UNIVERSITY OF PITTSBURGH	AWD00005506 (138166-1)		\$176,242	\$627,919	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR070517				\$159,433	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR078045				\$290,112	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R21AR075160				-\$4,242	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R21AR077813				\$39,501	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R21AR079855				\$157,516	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R56AR081544				\$99,608	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		BAYLOR COLLEGE OF MEDICINE	7000001316-02		\$27,169	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		COLUMBIA UNIVERSITY	1(GG015725)		\$14,378	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		G5 BIO INNOVATIONS LLC	00077965		\$16,201	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		REGENOSINE	078691		\$79,347	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF CALIFORNIA IRVINE	2023-1951		\$1,510	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF FLORIDA	SUB00003661		\$20,492	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF MARYLAND	20611		\$10,913	\$911,938	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	K08DK115886				\$165,825	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK055835			\$11,559	\$330,487	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK101513				\$46,516	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK113701				\$131,287	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK116859				\$175,953	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK123689				\$363,706	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK124329				\$382,455	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK124664			\$26,036	\$656,202	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK130243				\$718,342	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK130340				\$235,114	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK131190				\$612,552	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK132350			\$233,280	\$513,115	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK124732			\$5,377	\$109,336	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK128714			\$82,866	\$137,841	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK129899				\$178,891	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
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<b>Federal Awarding Agency/Program Title</b>	<b>Federal Assistance Number</b>	<b>Additional Award Identification</b>	<b>Name of Funder Pass-Through Entity</b>	<b>Identifying Number Assigned by Funder Pass-Through Entity</b>	<b>Total Amount Provided to Sub-Recipients</b>	<b>Federal Expenditures</b>	<b>Federal Program Total</b>	<b>Cluster Name</b>	<b>Cluster Total</b>
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	U01DK133106				\$546,852	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UC4DK096587				-\$3,556	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RESS16356		\$55	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RESS16467		\$6,239	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RES600205		\$170,036	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-002868-G1		\$176,307	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004000-G3		\$114,036	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		LEFLORE TECH	N/A		\$54,735	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		MAYO CLINIC	THE-308269		\$11,123	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF CALIFORNIA SANTA BARBARA	KK2150		\$86,072	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF COLORADO DENVER	FY20.798.003		\$22,874	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	N/A		\$8,700	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5118919		\$21,401	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF OKLAHOMA HEALTH SCIENCE CENTER	RS20220033-01		\$23,213	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6163-1103-01-X		\$2,496	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6183-1092-20-X		\$13,248	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF TENNESSEE	23-3630-MUC		\$38,053	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO	169828/169827		\$75,443	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		VANDERBILT UNIVERSITY	60430		\$24,315	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC 84227		\$24,528	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		WASHINGTON UNIVERSITY	WU-17-184		\$37	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		WASHINGTON UNIVERSITY	WU-22-0088		\$167,510	\$6,341,339	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS069726				\$290,745	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS090634				\$104,719	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS102495				\$119,173	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS110915				\$638,336	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS113765				\$372,100	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS114514				\$239,327	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS117539				\$414,205	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS122903				\$27,185	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS123023			\$28,677	\$382,257	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS124722				\$193,142	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS130195				\$89,134	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
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<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R15NS091914				-\$13,018	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS108367				\$65,027	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS123761				\$186,850	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		SHIFT PHARMACEUTICALS	N/A		\$455	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	A20-0179-5001		\$41,472	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF NEBRASKA LINCOLN	24-6221-0414-002		\$97,109	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		WASHINGTON UNIVERSITY	WU-20-316		\$3	\$3,248,221	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	2R56AI110420-06A1				\$92,386	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	F30AI172230				\$36,828	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	G20AI167403				\$2,233,933	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI046458				-\$41	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI119965				\$241,628	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI121281			\$94,857	\$394,931	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI129996				-\$2,420	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI134661				\$187,656	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI134768			\$159,212	\$353,946	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI138970				\$47,850	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI147640				\$13,557	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI150797				\$487,115	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI152521			\$142,361	\$569,706	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI153076				\$394,089	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI158477			\$68,873	\$499,749	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI162631				\$367,000	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI169781				\$268,306	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI172097			\$44,933	\$467,886	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI145960				\$530,551	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R03AI159273				\$61,575	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R15AI137984				\$22,930	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R15AI138116				\$26,531	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI128377				\$62,257	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI144433				\$79,152	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI146397				\$99,140	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI153074				\$138,237	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI164616				\$196,159	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI167742			\$122,245	\$226,008	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI176235				\$64,274	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI178158				\$1,303	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI178547				\$33,756	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R34AI155318			\$18,792	\$56,311	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R56AI167980				\$226,339	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R56AI170068				\$319,003	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	U01AI132817				\$223,240	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ALBANY MEDICAL COLLEGE	515535-6494		\$115,459	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	FY21TN468		\$1,255	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	FY22TN468		\$42,185	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	FY23TN468		\$18,699	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		BOSTON UNIVERSITY	4500003975		\$134,567	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		COLORADO STATE UNIVERSITY	G-44372		\$76,293	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		CRYOCRATE LLC	MU 005		\$74,281	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		DUKE UNIVERSITY	A03-4755		\$8,987	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		EMORY UNIVERSITY	A315267		-\$38,633	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		EMORY UNIVERSITY	A637476		\$64,564	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		HAFION INC	N/A		\$50,767	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		KANSAS STATE UNIVERSITY	A00-1041-5003		\$84,070	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST JUDES CHILDRENS RESEARCH HOSPITAL	112670030-8093167		\$301,993	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST JUDES CHILDRENS RESEARCH HOSPITAL	113046168-8022764		\$8,391	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST LOUIS UNIVERSITY	23423-46240		\$61,289	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620



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ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST LOUIS UNIVERSITY	A01569-13134		\$10,573	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST LOUIS UNIVERSITY	A01805-16573		\$32,478	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF CALIFORNIA LOS ANGELES	1560 G YC477		\$59,679	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF CALIFORNIA SAN DIEGO	KR 704389		\$8,868	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF DETROIT MERCY	N/A		\$44,443	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF MICHIGAN	SUBK00013980		\$1,470	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF TENNESSEE	21-3446-UMKC		\$936	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF TENNESSEE	22-3478-UMKC		\$40,621	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		WASHINGTON UNIVERSITY	WU-20-539		\$14,544	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		WASHINGTON UNIVERSITY	WU-23-0385		\$59,859	\$11,169,971	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01AI150460			\$25,713	\$145,882	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM146340				\$272,522	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM029798				\$122,637	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM065546				\$8,961	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM093123				\$392,778	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM103841			\$22,057	\$493,735	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM117135				\$194,604	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM121445				\$238,823	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM125669				\$363,942	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM126028				\$385,900	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM132640			\$71,879	\$217,490	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM141374			\$142,099	\$314,847	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM126502				\$46,664	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM132752				\$70,069	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM135807				\$138,856	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM137315				\$193,993	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM139071				\$120,728	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R16GM146690				\$126,681	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM064120				\$398,312	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM146287				\$139,546	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM122564			\$18,406	\$601,900	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM126985				\$576,135	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM133730				\$1,474	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM134919				\$420,273	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM136409				\$424,339	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM142537				\$765,408	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R37GM029963				\$492,467	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T32GM008396				\$20,927	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T32GM135744				\$467,824	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T34GM136493				\$379,223	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM129228			\$29,497	\$101,346	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HOWARD UNIVERSITY	GRT000014051-10003939		\$18,572	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		RESEARCH FOUNDATION OF SUNY	1169531-91876		\$127,734	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		ST LOUIS UNIVERSITY	11853		\$87,989	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	GR16389		\$30,160	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF TEXAS AUSTIN	UTA20-001038		\$147,746	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		VIRGINIA TECH	432054-19228		-\$160	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		VIVACELLE BIO INC	N/A		\$65,188	\$9,115,515	RESEARCH AND DEVELOPMENT	\$236,337,620
EMERGING INFECTIONS SENTINEL NETWORKS	93.860		UNIVERSITY OF CALIFORNIA LOS ANGELES	1535 G LA051		\$5,026	\$5,026	N/A	\$0
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	F31HD097079				\$3,717	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	F31HD105417				\$31,094	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	K12HD000849			\$797,772	\$933,313	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	P20HD109951				\$488,202	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD021338				\$454,276	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD087231				\$22,590	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD088549				\$233,764	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD092254				\$227,038	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD092286				\$110,775	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD094937				\$251,118	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD096266				\$76,815	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD097087				\$335,860	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD097283			\$19,032	\$595,870	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD101243			\$31,433	\$505,126	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD102170			\$13,816	\$502,631	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD102476				\$339,913	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD108198			\$250,947	\$517,437	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD098555				\$37,355	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD104740			\$42,152	\$77,654	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD105831			\$4,055	\$62,483	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD107610				\$138,538	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD097594				\$39,330	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD099337				\$5,550	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD100726			\$7,144	\$99,522	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R56HD104821				\$145,101	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	U01HD104482			\$120,191	\$536,852	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		CHILDRENS HOSPITAL OF PHILADELPHIA	GRT-0000601 /PO#20386187		\$33,978	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		CHILDRENS MRERCY HOSPITAL	41613121		\$10,486	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		MICHIGAN STATE UNIVERSITY	RC114844UM		\$236,932	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		OREGON HEALTH SCIENCE UNIVERSITY	1007056_UMO		\$10,355	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		PEDIALYDX	SBIR2022Missouri		\$30,355	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		PHENYLALANINE FAMILIES AND RESEARCHERS	1014948_MISSOURI		\$78,917	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF COLORADO DENVER	FY21.1087.001		\$73,065	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	DS-DETERMINED		\$2,990	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5127082		\$22,017	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF PITTSBURGH	AW00004684 (136793-2)		\$201,020	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF TEXAS AUSTIN	UTA20-000920		-\$1,431	\$7,470,608	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	1R15AG075609-01				\$163,851	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R01AG054459			\$6,794	\$381,896	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R01AG055591			\$266,000	\$528,601	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R01AG066081			\$16,559	\$64,821	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R01AG072935				\$746,923	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R01AG078281			\$42,958	\$214,094	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R21AG067702			\$15,975	\$97,312	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R21AG079292			\$14,407	\$57,647	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	R25AG078150				\$36,433	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
AGING RESEARCH	93.866	RF1AG062480			\$228,689	\$964,555	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866	U01AG070928			\$125,145	\$528,371	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		DUKE UNIVERSITY	A032814 PREVENTABLE		\$57,639	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		DUKE UNIVERSITY	A03-3870		-\$26,162	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		INDIANA UNIVERSITY	9506_UM		\$79,177	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		INDIANA UNIVERSITY	IN4680040UM		\$969,894	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		MYOLEX INC	MY2106		\$53,487	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		OHIO UNIVERSITY	UT21864		\$160,786	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	11955sc		-\$499	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	GR16279		\$251,983	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	ZAB000E0		\$50,828	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF MICHIGAN	SUBK00016706		\$5,250	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF MICHIGAN	SUBK0009483		\$36,101	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF MICHIGAN	A009259701		\$1,567	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF SOUTH FLORIDA	6144-1252-00-A		\$274,106	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		UNIVERSITY OF UTAH	10062509-01-UM		\$4,049	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		WASHINGTON UNIVERSITY	WU-22-0097		\$321,194	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		WASHINGTON UNIVERSITY	WU-22-0363		\$11,603	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
AGING RESEARCH	93.866		WASHINGTON UNIVERSITY	WU-23-0243		\$76,582	\$6,112,089	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	5R01EY017294				-\$168	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY023219				\$83,784	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY027824				\$428,923	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY028946				\$345,536	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY029795				\$4,988	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY030081				\$438,769	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY030747				\$148,692	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY030774			\$49,278	\$339,867	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY031248				\$230,876	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY031674				\$425,407	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY032495			\$43,200	\$442,986	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R01EY034319				\$130,635	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R15EY029813				\$89,716	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R21EY029106				-\$266	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R21EY032742				\$243,479	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	R56EY034247				\$84,565	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867	U01EY031650				\$532,788	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867		CALISTA THERAPEUTICS	R43R43EY032018EY032018		-\$8,646	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867		CRYOCRATE LLC	43-003859		\$266,774	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867		JAEB CENTER FOR HEALTH RESEARCH INC	DRCR Master Agreement		\$1,096	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
VISION RESEARCH	93.867		MEDICAL COLLEGE OF WISCONSIN	N/A		\$87,194	\$4,316,995	RESEARCH AND DEVELOPMENT	\$236,337,620
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380002		-\$768	\$75,660	N/A	\$0
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		CHILDRENS MERCY HOSPITAL	41854122		\$35,245	\$75,660	RESEARCH AND DEVELOPMENT	\$236,337,620
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		CHILDRENS MERCY HOSPITAL	41854123		\$41,183	\$75,660	RESEARCH AND DEVELOPMENT	\$236,337,620
MEDICAL LIBRARY ASSISTANCE	93.879	R01LM013392				\$397,322	\$397,322	RESEARCH AND DEVELOPMENT	\$236,337,620
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884		UNIVERSITY OF ILLINOIS AT CHICAGO	19202		\$18,081	\$18,081	RESEARCH AND DEVELOPMENT	\$236,337,620
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220052270		\$1,051,037	\$1,030,458	N/A	\$0
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC18380166		-\$20,579	\$1,030,458	RESEARCH AND DEVELOPMENT	\$236,337,620
FAMILY AND COMMUNITY VIOLENCE PREVENTION PROGRAM	93.910		ST LOUIS COUNTY DEPARTMENT OF HEALTH	N/A		\$609	\$609	N/A	\$0
RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER QUALITY IMPROVEMENT	93.912		ST FRANCIS HEALTHCARE SYSTEM	N/A		\$38,000	\$38,000	N/A	\$0
GRANTS TO STATES FOR OPERATION OF OFFICES OF RURAL HEALTH	93.913		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049731	\$146,750	\$407,141	\$447,863	N/A	\$0
GRANTS TO STATES FOR OPERATION OF OFFICES OF RURAL HEALTH	93.913		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220049974		\$40,722	\$447,863	N/A	\$0
HEALTHY START INITIATIVE	93.926		NURTURE KANSAS CITY	H49MCO1449		\$91,037	\$114,503	N/A	\$0
HEALTHY START INITIATIVE	93.926		NURTURE KANSAS CITY	N/A		\$23,466	\$114,503	N/A	\$0
HIV PREVENTION ACTIVITIES_HEALTH DEPARTMENT BASED	93.940		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC22380036		\$42,151	\$42,151	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

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
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	93.945		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049726		\$144,119	\$144,119	N/A	\$0
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		DIVISION OF PUBLIC HEALTH (DE)	23-045; PO #0000605978		\$38,066	\$117,491	N/A	\$0
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		IOWA DEPARTMENT OF HEALTH	5883MH41		\$19,377	\$117,491	N/A	\$0
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		IOWA DEPARTMENT OF HEALTH	5884MH41		\$7,193	\$117,491	N/A	\$0
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC223810011		\$446	\$117,491	N/A	\$0
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC22380011		\$52,409	\$117,491	RESEARCH AND DEVELOPMENT	\$236,337,620
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098		\$68,060	\$1,118,728	N/A	\$0
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 22905		\$171,319	\$1,118,728	N/A	\$0
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC23380040		\$879,349	\$1,118,728	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098		\$597,667	\$1,301,290	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC09380028		\$106,322	\$1,301,290	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 22901		\$20,160	\$1,301,290	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 22905		\$56,972	\$1,301,290	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 23901		\$520,169	\$1,301,290	N/A	\$0
CDC'S COLLABORATION WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		AMERICAN ASSOCIATION OF COLLEGES OF NURSING	N/A		\$23,804	\$143,500	N/A	\$0
CDC'S COLLABORATION WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	52945		\$72,701	\$143,500	RESEARCH AND DEVELOPMENT	\$236,337,620
CDC'S COLLABORATION WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.967		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053346		\$46,995	\$143,500	RESEARCH AND DEVELOPMENT	\$236,337,620
PPHF GERIATRIC EDUCATION CENTERS	93.969		ST LOUIS UNIVERSITY	A01066-10668		\$22,861	\$22,861	RESEARCH AND DEVELOPMENT	\$236,337,620
FAMILY PLANNING_SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS	93.974		ALTARUM INSTITUTE	SC-19-027		\$3,157	\$3,183	N/A	\$0
FAMILY PLANNING_SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS	93.974		PUBLIC HEALTH SOLUTIONS	20-FPD-911		\$26	\$3,183	N/A	\$0
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098		\$104,318	\$261,053	N/A	\$0
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 21906		\$134,145	\$261,053	N/A	\$0
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC.	Z1N00060		\$22,590	\$261,053	RESEARCH AND DEVELOPMENT	\$236,337,620
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989		NORTHWESTERN UNIVERSITY	60049839 UMSL		\$39,734	\$39,734	RESEARCH AND DEVELOPMENT	\$236,337,620
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230053221		\$40,248	\$80,099	N/A	\$0
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		OHIO DEPARTMENT OF HEALTH	46611		\$12,266	\$80,099	RESEARCH AND DEVELOPMENT	\$236,337,620
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		VIRGINIA DEPARTMENT OF HEALTH	700B1210095		\$27,585	\$80,099	RESEARCH AND DEVELOPMENT	\$236,337,620
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	51861		\$41,409	\$1,028,119	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC11380234 TA 22905		\$2,353	\$1,028,119	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	CS192865009		\$4,523	\$1,028,119	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050709		\$7,169	\$1,028,119	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220051862		\$892,071	\$1,028,119	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230051861		\$74,121	\$1,028,119	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH230052252		\$6,473	\$1,028,119	N/A	\$0
ASSISTED OUTPATIENT TREATMENT	93.997		OZARK CENTER	N/A		\$82,246	\$82,246	N/A	\$0
RESEARCH, TECHNOLOGY AND HUMAN INTERVENTIONS FOR SELF-ES	93.RD	75D30120C08913				\$293,512	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
REAL-TIME GROUND MOVEMENT MONITORING FOR IMPROVED SAFETY	93.RD	75D30120C09233				\$21,387	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
CDC_NHANES #75D30122F00002	93.RD	75D30121D12744				\$42,429	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
Fiscal Period 7/1/2022 - 6/30/2023**

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
NHANES CONTRACT NO. 75D30121D12744 F00001	93.RD	75D30121D12744 F00001				\$15,918	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
DEVELOPMENT OF RIB BROW GUIDELINES AND INTEGRATION INTO	93.RD	75D30122C14756				\$1,089	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
NCI RESEARCH CONTRACT FOR BLOOD SAMPLE ANALYSES	93.RD	75N91022P00914				\$20,218	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
NCTN HIGH PERFORMING SITE INITIATIVE (HPSI)	93.RD	NCTN HPSI Cycle 5				\$8,891	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
ACTIV-1 IM: RANDOMIZED MASTER PROTOCOL FOR IMMUNE MODULA	93.RD	187 ACTIV-1 20CTA-DC0002 INSIGHT	DUKE UNIVERSITY	187 ACTIV-1		\$620	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
AN INTERNATIONAL MULTICENTER, ADAPTIVE, RANDOMIZED DOUBL	93.RD	013	LEIDOS BIOMEDICAL RESEARCH INC	20CTA-DC0002 INSIGHT 013		\$2,085	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
MO-CHILD 2020 STATE FUNDS	93.RD	AOC22380022	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC22380022		\$1,370,890	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
ACTIV-2 (ADAPT OUT COVID)	93.RD	ACTIV-2/A5401	PPD DEV	ACTIV-2/A5401		\$81	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
ELIMINATING BARRIERS FOR THE IMPLEMENTATION OF AUTOMATIO	93.RD	MOATS	SOCIETY FOR MINING METALLURGY & EXPLORATION INC	MOATS		\$18,926	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
INFLUENZA PATHOGENICITY TESTING IN ANIMAL MODELS	93.RD	112797010-8006836	ST JUDES CHILDRENS RESEARCH HOSPITAL	112797010-8006836		\$103	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
INFLUENZA PATHOGENICITY TESTING IN ANIMAL MODELS (MOD 5	93.RD	112797028-8061226	ST JUDES CHILDRENS RESEARCH HOSPITAL	112797028-8061226		\$62,200	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
INFLUENZA PATHOGENICITY TESTING IN ANIMAL MODELS (MOD 5)	93.RD	112797038-8135675	ST JUDES CHILDRENS RESEARCH HOSPITAL	112797038-8135675		\$29,200	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
ADJUVANT DEVELOPMENT OF THE TLR4 LIGAND BECC438	93.RD	20802	UNIVERSITY OF MARYLAND	20802		\$231,663	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
INHIBITION OF FATTY ACID AMIDE HYDROLASE AS A NOVEL STRA	93.RD	FP00016513_SA001	VIRGINIA COMMONWEALTH UNIVERSITY	FP00016513_SA001		\$40,205	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
FUZZY COGNITIVE MAPPING EFFORT WITH WASHINGTON UNIVERSIT	93.RD	WU-21-379-MOD-1	WASHINGTON UNIVERSITY	WU-21-379-MOD-1		\$75,550	\$2,234,967	RESEARCH AND DEVELOPMENT	\$236,337,620
ACL CHALLENGE: INNOVATIVE TECHNOLOGY SOLUTIONS FOR SOCI	93.U01	N/A				\$93,050	\$93,050	N/A	\$0
MOA-SENTINEL INITIATIVE/RWE: ESTABLISH ROUTINE QUERYING	93.U02	75F40119D10037	HARVARD PILGRIM HEALTH CARE INC	75F40119D10037		\$29,097	\$29,097	N/A	\$0
NCAPPS KENTUCKY YR4	93.U03	N/A	HUMAN SERVICES RESEARCH INSTITUTE	N/A		\$11,335	\$11,335	N/A	\$0
NCAPPS UTAH YR4	93.U04	N/A	HUMAN SERVICES RESEARCH INSTITUTE	N/A		\$5,200	\$5,200	N/A	\$0
NCAPPS UTAH YR3	93.U05	N/A	HUMAN SERVICES RESEARCH INSTITUTE	N/A		-\$2,375	-\$2,375	N/A	\$0
ADULT PROTECTIVE SERVICES PROJECT MANAGEMENT	93.U06	53405	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	53405		\$79,201	\$79,201	N/A	\$0
IMPROVING ORAL HEALTH TELEDENTISTRY SEALANTS	93.U07	DH220050861	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH220050861		\$24,984	\$24,984	N/A	\$0
DMH SPRING TRAINING INSTITUTE 2022	93.U08	AOC11380234 TA 22905	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC11380234 TA 22905		\$302,928	\$302,928	N/A	\$0
WEINMAN CHILD ASSESSMENT CENTER	93.U09	PG272200015	MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG272200015		-\$7,694	-\$7,694	N/A	\$0
WEINMAN CHILD ASSESSMENT CENTER - FEDERAL PORTION FY23	93.U10	PG272200016	MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG272200016		\$86,405	\$86,405	N/A	\$0
<b>TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES</b>						<b>\$18,818,032</b>	<b>\$224,505,052</b>		
<b>CORPORATION FOR NATIONAL AND COMMUNITY SERVICE</b>									
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO008				\$72,371	\$359,592	N/A	\$0
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO011				\$85,586	\$359,592	N/A	\$0
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO014				\$93,173	\$359,592	N/A	\$0
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO015				\$108,462	\$359,592	N/A	\$0
AMERICORPS	94.006	22NDEM0003				\$30,551	\$864,026	N/A	\$0
AMERICORPS	94.006		JUMPSTART	2420200		\$24,450	\$864,026	N/A	\$0
AMERICORPS	94.006		JUMPSTART	2420230		\$158,224	\$864,026	N/A	\$0
AMERICORPS	94.006		MISSOURI COMMUNITY SERVICES COMMISSION	N/A		\$46,394	\$864,026	N/A	\$0
AMERICORPS	94.006		MISSOURI COMMUNITY SERVICES COMMISSION	N/A		\$540,329	\$864,026	N/A	\$0
AMERICORPS	94.006		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	20AFHMO0010016		\$64,078	\$864,026	N/A	\$0
SEPTEMBER 11TH NATIONAL DAY OF SERVICE AND REMEMBRANCE GRANTS	94.012	20BIHMO001				\$47,325	\$47,325	N/A	\$0
COVID-19 - SENIOR DEMONSTRATION PROGRAM	94.017	COVID-19				\$32,886	\$32,886	N/A	\$0
<b>TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE</b>							<b>\$1,303,829</b>		
<b>DEPARTMENT OF HOMELAND SECURITY</b>									
COVID-19 - DISASTER GRANTS - PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS)	97.036	COVID-19				\$3,795,710	\$3,795,710	N/A	\$0
COOPERATING TECHNICAL PARTNERS	97.045		CITY OF KANSAS CITY	82000346		\$73,702	\$110,387	RESEARCH AND DEVELOPMENT	\$236,337,620
COOPERATING TECHNICAL PARTNERS	97.045		CITY OF KANSAS CITY	N/A		\$36,685	\$110,387	RESEARCH AND DEVELOPMENT	\$236,337,620

**UNIVERSITY OF MISSOURI SYSTEM**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**Fiscal Period 7/1/2022 - 6/30/2023**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal Assistance Number</i>	<i>Additional Award Identification</i>	<i>Name of Funder Pass-Through Entity</i>	<i>Identifying Number Assigned by Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
<i>HOMELAND SECURITY GRANT PROGRAM</i>	97.067		<i>EAST-WEST GATEWAY COUNCIL OF GOVERNMENT</i>	<i>19U011-REGTE-AHIMT</i>		\$27,699	\$60,699	N/A	\$0
<i>HOMELAND SECURITY GRANT PROGRAM</i>	97.067		<i>STATE EMERGENCY MANAGEMENT AGENCY</i>	<i>AOC16380071</i>		\$33,000	\$60,699	N/A	\$0
<b>TOTAL DEPARTMENT OF HOMELAND SECURITY</b>						<u>\$3,966,796</u>			
<b>U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT</b>									
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		<i>UNIVERSITY OF ILLINOIS SYSTEM</i>	<i>072112-17425</i>		\$1,761	\$52,374	<i>RESEARCH AND DEVELOPMENT</i>	\$236,337,620
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		<i>UNIVERSITY OF ILLINOIS SYSTEM</i>	<i>110223-19316</i>		\$36,352	\$52,374	<i>RESEARCH AND DEVELOPMENT</i>	\$236,337,620
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		<i>UNIVERSITY OF ILLINOIS SYSTEM</i>	<i>110223-19326</i>		\$14,261	\$52,374	<i>RESEARCH AND DEVELOPMENT</i>	\$236,337,620
<i>USAID DEVELOPMENT PARTNERSHIPS FOR UNIVERSITY COOPERATION AND DEVELOPMENT</i>	98.012		<i>UNIVERSITY OF ILLINOIS SYSTEM</i>	<i>106207-19315</i>		\$25,013	\$25,013	<i>RESEARCH AND DEVELOPMENT</i>	\$236,337,620
<b>TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT</b>						<u>\$77,387</u>			
<b>TOTAL EXPENDITURE OF FEDERAL AWARDS</b>						<u>\$37,777,104</u>	<u>\$863,101,721</u>		

**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.

**University of Missouri System**  
**Notes to the Schedule of Expenditures of Federal Awards**  
**Year Ended June 30, 2023**

**Note 1: Basis of Presentation**

The accompanying schedule of expenditures of federal awards (the “Schedule”) includes the federal award activity of University of Missouri System (the System) under programs of the federal government for the year ended June 30, 2023. 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.

**Note 2: 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.

**Note 3: Indirect Cost Rate**

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

**Note 4: FEMA Funding**

Non-federal entities must record expenditures for Federal Emergency Management Agency (FEMA) projects on the Schedule when 1) FEMA has approved the non-federal entity’s project worksheet and, 2) the non-federal entity has incurred the eligible expenditures. The 2023 expenditures for Federal Assistance Listing Number 97.036 includes \$3,795,710 of expenditures that were incurred by the System prior to fiscal year 2023, while the project worksheet was approved during fiscal year 2023.

**University of Missouri System**  
**Notes to the Schedule of Expenditures of Federal Awards (Continued)**  
**Year Ended June 30, 2023**

**Note 5: 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, 2023, consists of:

<i>Assistance Listing Number</i>	<i>Program Name</i>	<i>Outstanding Balance at 6/30/2023</i>
<b>DEPARTMENT OF EDUCATION LOAN PROGRAMS</b>		
84.038	PERKINS LOAN PROGRAM	\$ 7,694,776
84.268	FEDERAL DIRECT STUDENT LOANS	N/A
<b>DEPARTMENT OF HEALTH AND HUMAN SERVICES LOAN PROGRAMS</b>		
93.264	NURSE FACULTY LOAN PROGRAM (NFLP) HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR	\$ 4,277,109
93.342	DISADVANTAGED STUDENTS	16,080,262
93.364	NURSING STUDENT LOANS	1,793,898



## **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 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, 2023, 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, 2023, which contained an emphasis of matter paragraph regarding a change in accounting principles.

#### ***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, LLP**

Kansas City, Missouri  
October 18, 2023

## **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, 2023. 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, 2023.

##### ***Basis for Opinion on Each Major Federal Program***

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*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 Award 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, 2023, 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, 2023, 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,LLP**

Kansas City, Missouri  
March 28, 2024



**University of Missouri System**  
**Schedule of Findings and Questioned Costs (Continued)**  
**Year Ended June 30, 2023**

<b>Assistance Listing Numbers</b>	<b>Name of Federal Program or Cluster</b>
93.323	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)
93.493	Congressional Directives
93.498	Provider Relief Fund
97.036	Disaster Grants – Public Assistance (Presidentially Declared Disasters)

8. Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000.
9. Auditee qualified as a low-risk auditee?  Yes  No

**University of Missouri System**  
**Schedule of Findings and Questioned Costs (Continued)**  
**Year Ended June 30, 2023**

**Section II – Financial Statement Findings**

<b>Reference Number</b>	<b>Finding</b>
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No matters are reportable.

**Section III – Federal Award Findings and Questioned Costs**

<b>Reference Number</b>	<b>Finding</b>
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No matters are reportable.



**University of Missouri System**  
**Summary Schedule of Prior Audit Findings**  
**Year Ended June 30, 2023**

<b>Reference Number</b>	<b>Summary of Finding</b>	<b>Status</b>
2022-001	<p><b>Federal Assistance Number</b> - 93.498, COVID-19 Provider Relief Fund  U.S. Department of Health and Human Services</p> <p><b>Criteria or Specific Requirement</b> - Reporting (45 CFA 75.342)</p> <p><b>Condition</b> - Lost revenue attributable to COVID-19 was not properly calculated and reported.</p> <p><b>Questioned Costs</b> - None noted.</p> <p><b>Context</b> - The Provider Relief Fund report submitted during the year ended June 30, 2022 used lost revenue Option i method to calculate lost revenue. However, the net patient service revenue reported did not conform to guidance issued by U.S. Department of Health and Human Services for the Option i reporting method.</p> <p><b>Cause</b> - The System's controls to ensure the accuracy of lost revenue did not operate effectively.</p> <p><b>Effect</b> - The System did not properly calculate and report lost revenues in accordance with guidance issued by the U.S. Department of Health and Human Services. The System has revised the lost revenue calculation and has generated sufficient lost revenue to justify the funding received in the reporting period as reported on the Schedule of Expenditures of Federal Awards. There was no impact to total funding received or retained by the System due to the error.</p>	Corrected