

University of Missouri System

Single Audit Reports

June 30, 2021

University of Missouri System
Single Audit Reports and Schedule of Expenditures of Federal Awards
Year Ended June 30, 2021

Contents

Schedule of Expenditures of Federal Awards	1
Notes to the Schedule of Expenditures of Federal Awards	44
Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i> – Independent Auditor’s Report	45
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.....	47
Schedule of Findings and Questioned Costs	50
Summary Schedule of Prior Audit Findings	53

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
DEPARTMENT OF AGRICULTURE									
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-0206-0-189				\$88,162	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-2056-9-005				\$6,880	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5030-6-063				\$139,275	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5030-9-047				\$7,424	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-012				\$43,979	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-013				\$115,965	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-014				\$182,488	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-017				\$47,219	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-018				\$5,953	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-020				\$65,404	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-022				\$58,695	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-0-025				\$18,777	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-003				\$9,012	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-006				\$69,051	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-007				\$58,766	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-008				\$42,242	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-009				\$14,765	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-010				\$140	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-1-011				\$6,149	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-5-016				\$59,025	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-7-019				\$82,069	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-9-005				-\$11,873	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-9-016				\$66,694	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-5070-9-017				\$58,265	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-6020-0-007				\$868,271	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-6020-6-001				\$75,455	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	58-8030-0-008				\$31,759	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-0206-0-125				\$10,142	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-0206-8-204				\$37,948	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-0-003				\$37,680	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-0-010				\$36,646	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-0-012				\$67,575	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-0-014				\$11,291	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-5070-1-001				\$43,173	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-0-002				-\$132	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-0-003				\$30,248	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-0-013				\$28,434	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-0-014				\$23,881	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-0-015				\$353	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-1-005				\$60,989	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-1-006				\$35,697	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-1-007				\$59,284	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-1-015				\$23,638	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-1-016				\$6,188	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001	59-6070-1-021				\$2,049	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001		MISSISSIPPI STATE UNIVERSITY	182090.310330.01		\$17,824	\$2,742,919	RESEARCH AND DEVELOPMENT	\$198,251,485
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP20VSD&8000C017				-\$55,176	\$283,226	RESEARCH AND DEVELOPMENT	\$198,251,485
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP20VSD&8000C082				\$275,779	\$283,226	RESEARCH AND DEVELOPMENT	\$198,251,485
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	AP21VSSP0000C039				\$2,139	\$283,226	RESEARCH AND DEVELOPMENT	\$198,251,485
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		MISSISSIPPI STATE UNIVERSITY	WAN MSU--USDA 310265		-\$12,652	\$283,226	RESEARCH AND DEVELOPMENT	\$198,251,485
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		UNIVERSITY OF GEORGIA	SUB0002238		\$73,136	\$283,226	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE SERVICES	10.028	AP19WSNWRC00C018				\$45,262	\$320,561	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE SERVICES	10.028	AP19WSNWRC00C020				\$98,760	\$320,561	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE SERVICES	10.028	AP20WSNWRC00C037				\$100,111	\$320,561	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE SERVICES	10.028	AP20WSNWRC00C038				\$47,225	\$320,561	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE SERVICES	10.028	AP21WSER0000C001				\$2,676	\$320,561	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE SERVICES	10.028		MISSISSIPPI STATE UNIVERSITY	WAN MSU--USDA 310268		\$26,527	\$320,561	RESEARCH AND DEVELOPMENT	\$198,251,485
WETLANDS RESERVE PROGRAM	10.072		NATURE CONSERVANCY	20180705-02		\$141,642	\$141,642	RESEARCH AND DEVELOPMENT	\$198,251,485
MARKET NEWS	10.153		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$1,088	\$1,394	N/A	\$0
MARKET NEWS	10.153		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$306	\$1,394	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANSPORTATION SERVICES	10.167	20-TMTSD-MQ-0002				\$51,862	\$51,862	RESEARCH AND DEVELOPMENT	\$198,251,485
FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168		OREGON FARMERS MARKET ASSOCIATION	N/A		\$5,277	\$5,277	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
			MISSOURI DEPARTMENT OF AGRICULTURE			\$23,641			
			MISSOURI DEPARTMENT OF AGRICULTURE	AM180100XXXXG011 PROJ 6					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM190100XXXXG029					
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170			N/A		\$23,641	\$428,387	N/A	\$0
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	AM190200XXXXG010			\$36,150	\$228,872	\$428,387	RESEARCH AND DEVELOPMENT	\$198,251,485
			MISSOURI DEPARTMENT OF AGRICULTURE						
			MISSOURI DEPARTMENT OF AGRICULTURE						
			MISSOURI DEPARTMENT OF AGRICULTURE						
			MISSOURI DEPARTMENT OF AGRICULTURE	AM180100XXXXG011 PROJ 4					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM180100XXXXG011 PROJ 7					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM180100XXXXG011 PROJ 9					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM190100XXXXG029 PROJ 10					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM190100XXXXG029 PROJ 2					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM190100XXXXG029 PROJ 3					
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170			AM190100XXXXG029 PROJ 4		\$102,031	\$428,387	RESEARCH AND DEVELOPMENT	\$198,251,485
			MISSOURI DEPARTMENT OF AGRICULTURE						
			MISSOURI DEPARTMENT OF AGRICULTURE						
			MISSOURI DEPARTMENT OF AGRICULTURE						
			MISSOURI DEPARTMENT OF AGRICULTURE	AM190100XXXXG029 PROJ 5					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM190100XXXXG029 PROJ 7					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM200100XXXXG064, PRJ 1					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM200100XXXXG064, PRJ 11					
			MISSOURI DEPARTMENT OF AGRICULTURE	AM200100XXXXG064, PRJ 2					
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170			AM200100XXXXG064, PROJECT		\$71,838	\$428,387	RESEARCH AND DEVELOPMENT	\$198,251,485
			MISSOURI VEGETABLE GROWERS ASSOCIATION	N/A		\$2,005	\$428,387	RESEARCH AND DEVELOPMENT	\$198,251,485
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170					\$195,085	\$698,110	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE FORESTRY RESEARCH	10.202	NI20MSCFRXXXG077				\$503,025	\$698,110	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE FORESTRY RESEARCH	10.202	NI21MSCFRXXXG039							
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	NI20HFPXXXXG042				\$3,039,801	\$7,073,955	RESEARCH AND DEVELOPMENT	\$198,251,485
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	NI20HMFXXXXG041				\$729,712	\$7,073,955	RESEARCH AND DEVELOPMENT	\$198,251,485
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	NI21HFPXXXXG017				\$2,991,771	\$7,073,955	RESEARCH AND DEVELOPMENT	\$198,251,485
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	NI21HMFXXXXG016				\$312,671	\$7,073,955	RESEARCH AND DEVELOPMENT	\$198,251,485
ANIMAL HEALTH AND DISEASE RESEARCH	10.207	NI20AHDRXXXXG028				\$12,222	\$71,288	RESEARCH AND DEVELOPMENT	\$198,251,485
ANIMAL HEALTH AND DISEASE RESEARCH	10.207	NI21AHDRXXXXG060				\$59,066	\$71,288	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHER EDUCATION D GRADUATE FELLOWSHIPS GRANT PROGRAM	10.210	2019-38420-28972				\$61,229	\$138,354	N/A	\$0
HIGHER EDUCATION D GRADUATE FELLOWSHIPS GRANT PROGRAM	10.210	2020-38420-30720				\$77,125	\$138,354	RESEARCH AND DEVELOPMENT	\$198,251,485
SMALL BUSINESS INNOVATION RESEARCH	10.212		THERMOCORE OF MISSOURI INC	00069130		\$1,334	\$1,334	RESEARCH AND DEVELOPMENT	\$198,251,485
			UNIVERSITY OF MINNESOTA	H005722917					
			UNIVERSITY OF MINNESOTA	H005722924					
			UNIVERSITY OF MINNESOTA	H007179301					
			UNIVERSITY OF MINNESOTA	H007179332					
			UNIVERSITY OF MINNESOTA	H007179344					
			UNIVERSITY OF MINNESOTA	H007813901					
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF MINNESOTA	H008568301	\$4,651	\$269,811	\$335,106	N/A	\$0
			UNIVERSITY OF MINNESOTA	H006607418					
			UNIVERSITY OF MINNESOTA	H007179350					
			UNIVERSITY OF MINNESOTA	H008334019					
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UNIVERSITY OF MINNESOTA	H008917107		\$65,295	\$335,106	RESEARCH AND DEVELOPMENT	\$198,251,485
			LINCOLN UNIVERSITY	2018-3640					
			LINCOLN UNIVERSITY	2019-38821-29050					
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		LINCOLN UNIVERSITY	2021-3662		\$188,213	\$188,213	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	2020-70003-32300			\$8,107	\$9,907	\$9,907	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTENSION COLLABORATIVE ON IMMUNIZATION TEACHING & ENGAGEMENT	10.229		EXTENSION FOUNDATION	EXC1-2021-2081		\$1,807	\$1,807	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-3000-0-0029				\$6,058	\$120,345	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-3000-0-0036				\$21,830	\$120,345	RESEARCH AND DEVELOPMENT	\$198,251,485

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AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250	58-6000-0-0053				\$92,457	\$120,345	RESEARCH AND DEVELOPMENT	\$198,251,485	
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255		TUFTS UNIVERSITY	AG9002-ARTEAGA		\$18,133	\$18,133	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290	58-0111-18-027				\$9,320	\$9,320	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-19-011			\$139,888	\$602,504	\$1,988,369	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-19-012				\$421,097	\$1,988,369	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291	58-0111-20-016			\$47,142	\$964,768	\$1,988,369	RESEARCH AND DEVELOPMENT	\$198,251,485	
INTEGRATED PROGRAMS	10.303	2017-51106-27007				\$9,515	\$94,022	RESEARCH AND DEVELOPMENT	\$198,251,485	
INTEGRATED PROGRAMS	10.303	2020-51106-32359				\$760	\$27,083	RESEARCH AND DEVELOPMENT	\$198,251,485	
INTEGRATED PROGRAMS	10.303		MISSISSIPPI STATE UNIVERSITY	RC110122UMO		\$1,054	\$2,957	RESEARCH AND DEVELOPMENT	\$198,251,485	
HOMELAND SECURITY_AGRICULTURAL	10.304		MISSISSIPPI STATE UNIVERSITY	RC106556G		\$52,337	\$77,276	N/A	\$0	
HOMELAND SECURITY_AGRICULTURAL	10.304	2019-37620-30494				\$24,939	\$77,276	RESEARCH AND DEVELOPMENT	\$198,251,485	
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		UNIVERSITY OF VERMONT	331525UB53309		\$14,461	\$14,461	RESEARCH AND DEVELOPMENT	\$198,251,485	
SPECIALTY CROP RESEARCH INITIATIVE	10.309		VIRGINIA TECH UNIVERSITY	422652-19228		\$42,489	\$42,489	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67032-29290				\$55,319	\$4,033,256	N/A	\$0	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67011-29618				\$41,637	\$4,033,256	N/A	\$0	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67011-29729				\$9,626	\$4,033,256	N/A	\$0	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF ARKANSAS	SA1909233		\$171,456	\$4,033,256	N/A	\$0	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2016-67013-24429				\$12,044	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67017-34007				\$13,783	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	02018-67015-27598			\$2,677	\$200,960	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2014-68006-32996				\$83,498	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2015-67015-23678				\$2,134	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2016-67015-24741				\$127,577	\$508,553	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2016-67019-25278				\$2,766	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2016-68004-24827				\$156,276	\$337,005	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2016-68006-25210					\$21,857	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67008-26145					\$214,017	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67013-26216					\$84,549	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26451					\$81,997	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26587					\$101,297	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26630					\$36,807	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67015-26760					\$83,918	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2017-67019-26286			\$53,900	\$95,492	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2018-67013-27536			\$17,417	\$94,920	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2018-67017-27880				\$100,098	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67011-29543				\$44,260	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67011-29709				\$47,378	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67012-29655				\$25,915	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67012-29714				\$8,755	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67013-29313			\$63,795	\$128,339	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67013-29370				\$22,033	\$119,545	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67015-28998				\$8,474	\$89,746	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67015-29484					\$58,329	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2019-67021-28993					\$36,593	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67013-30908					\$91,904	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-30829					\$143,362	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31016					\$79,228	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31017					\$76,795	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31132					\$76,969	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67015-31574			\$3,798	\$80,395	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2020-67030-31336				\$61,349	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67015-33404				\$6,491	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-33448					\$19,787	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-34254					\$17,751	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67021-34504					\$7,615	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67023-33824					\$10,524	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-67034-35142					\$1,227	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-68006-33835					\$15,959	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	2021-68006-33890					\$16,019	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		IOWA STATE UNIVERSITY	022848A		\$196	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		ILLINOIS STATE UNIVERSITY	A20-0051-S001		\$82,005	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		KANSAS STATE UNIVERSITY	A20-0483-S001		\$36,158	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		NORTH CAROLINA STATE UNIVERSITY	2019-1507-14		\$21,095	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		SOUTH DAKOTA STATE UNIVERSITY	37C390						
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		SOUTH DAKOTA STATE UNIVERSITY	37C828		\$87,965	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF CALIFORNIA DAVIS	A20-2113-S001		\$16,912	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

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AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF FLORIDA	SUB00002694		\$1,188	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF GEORGIA	SUB00002159		\$17,481	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	090754-17910		\$52,863	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MARYLAND	91211-25214202		\$2,038	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MINNESOTA	H006564202		\$1,751	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE	9500098104		\$5,661	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		VIRGINIA TECH UNIVERSITY	422569-19228		\$21,093	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		WASHINGTON STATE UNIVERSITY	130160_G003742		\$19,793	\$4,033,256	RESEARCH AND DEVELOPMENT	\$198,251,485	
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	2018-70017-28578			\$23,416	\$116,981	\$131,994	N/A	\$0	
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311		APPALACHIAN STATE UNIVERSITY	A21-0030-S002		\$622	\$131,994	N/A	\$0	
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311		DAIRY GRAZING APPRENTICESHIP	N/A		\$774	\$131,994	N/A	\$0	
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311		UNIVERSITY OF ARKANSAS WEST CENTRAL MISSOURI COMMUNITY ACTION AGENCY	91161-02		\$836	\$131,994	N/A	\$0	
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311			N/A		\$12,781	\$131,994	RESEARCH AND DEVELOPMENT	\$198,251,485	
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	2019-38504-29890			\$164,911	\$226,530	\$274,791	N/A	\$0	
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	2020-38504-32381			\$48,261	\$48,261	\$274,791	RESEARCH AND DEVELOPMENT	\$198,251,485	
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326		MISSOURI STATE UNIVERSITY	18042-001		\$49,516	\$49,516	RESEARCH AND DEVELOPMENT	\$198,251,485	
			MISSOURI STATE UNIVERSITY	20149-001						
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328	2020-70020-32267			\$9,451	\$43,826	\$43,826	RESEARCH AND DEVELOPMENT	\$198,251,485	
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329	2017-70006-27185				\$191,104	\$274,528	N/A	\$0	
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329	2017-70006-27274			\$37,342	\$83,424	\$274,528	RESEARCH AND DEVELOPMENT	\$198,251,485	
ENHANCING AGRICULTURAL OPPORTUNITIES FOR MILITARY VETERANS COMPETITIVE GRANTS PROGRAM	10.334		DAIRY GRAZING APPRENTICESHIP	N/A		\$4,383	\$4,383	RESEARCH AND DEVELOPMENT	\$198,251,485	
VETERINARY SERVICES GRANT PROGRAM	10.336	2019-70024-30316				\$6,059	\$57,719	N/A	\$0	
VETERINARY SERVICES GRANT PROGRAM	10.336	2020-70024-32367				\$51,660	\$57,719	RESEARCH AND DEVELOPMENT	\$198,251,485	
RURAL BUSINESS DEVELOPMENT GRANT	10.351	29-010-436003859				\$100,000	\$100,000	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2014-41590-22323				\$288	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2015-41520-23773				\$12,433	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2016-48540-25859			\$18,804	\$25,010	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2018-41590-28716			\$74,748	\$183,958	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2019-41210-30095				\$34,661	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2019-41520-30039				\$51,186	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500	2019-48540-30098			\$131,355	\$319,758	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0187-007		\$26,242	\$657,277	N/A	\$0	
COOPERATIVE EXTENSION SERVICE	10.500		UNIVERSITY OF NEBRASKA LINCOLN	25-6324-0187-314		\$2,969	\$3,741	\$657,277	RESEARCH AND DEVELOPMENT	\$198,251,485
SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511	N120SLBCXXXXG023				\$2,502,102	\$8,628,941	N/A	\$0	
SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511	N121SLBCXXXXG046				\$6,126,839	\$8,628,941	N/A	\$0	
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514	N120FNEPXXXXG058				\$324,732	\$1,477,299	N/A	\$0	
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514	N121FNEPXXXXG004				\$1,152,567	\$1,477,299	N/A	\$0	
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515	N120RREAFXXXXG011				\$18,411	\$80,385	N/A	\$0	
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515	N121RREAFXXXXG029				\$61,974	\$80,385	N/A	\$0	
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		IOWA STATE UNIVERSITY	021546D		\$48,148	\$149,536	N/A	\$0	
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		UNIVERSITY OF ILLINOIS SYSTEM	101598-18132		\$24,423	\$149,536	N/A	\$0	
FARM AND RANCH STRESS ASSISTANCE NETWORK COMPETITIVE GRANTS PROGRAM (B)	10.525		UNIVERSITY OF ILLINOIS RUBANA CHAMPAIGN	101598-18133		\$76,965	\$149,536	N/A	\$0	
SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380009		\$2,764	\$20,772	N/A	\$0	
SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380009		\$18,008	\$20,772	RESEARCH AND DEVELOPMENT	\$198,251,485	
CHILD AND ADULT CARE FOOD PROGRAM	10.558		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	ERS46110020 ERS4611511		-\$442	-\$442	N/A	\$0	
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC18380029 AOC18380165		\$54,904	\$9,325,300	SNAP CLUSTER	\$9,325,300	

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

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COOPERATIVE FORESTRY ASSISTANCE	10.664		TEXAS A&M UNIVERSITY	CO-19-286					
COOPERATIVE FORESTRY ASSISTANCE	10.664		TEXAS A&M UNIVERSITY	CO-21-029		\$116,127	\$144,075	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE FORESTRY ASSISTANCE	10.664		UNIVERSITY OF KENTUCKY	320002267-20-228		\$27,948	\$144,075	RESEARCH AND DEVELOPMENT	\$198,251,485
FOREST HEALTH PROTECTION	10.680	15-CA-11420004-206				\$18,409	\$72,846	RESEARCH AND DEVELOPMENT	\$198,251,485
FOREST HEALTH PROTECTION	10.680	19-CA-11420000-299				\$54,437	\$72,846	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	16-JV-11242313-119			\$12,838	\$185,559	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	17-JV-11242311-025				\$11,151	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	17-JV-11242311-032				\$7,720	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	17-JV-11242311-043				-\$2,620	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	18-JV-11221639-175				\$11,014	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	18-JV-11242311-030				\$72,800	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	18-JV-11242311-068				\$31,282	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	18-JV-11242311-084				\$329	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	19-JV-11242311-013				\$68,046	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
PARTNERSHIP AGREEMENTS	10.699	19-JV-11242311-092				\$20,832	\$406,113	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242311-073				\$170,263	\$299,447	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	19-JV-11242313-035				\$105,741	\$299,447	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707	20-JV-11242311-060				\$23,443	\$299,447	RESEARCH AND DEVELOPMENT	\$198,251,485
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R018				\$8,185	\$36,454	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R023				\$10,579	\$36,454	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R031				\$8,906	\$36,454	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX19BF-10777R045				\$592	\$36,454	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX20BF-10777R005				\$4,400	\$36,454	N/A	\$0
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777	FX20BF-10777R003				\$3,792	\$36,454	RESEARCH AND DEVELOPMENT	\$198,251,485
RURAL ENERGY FOR AMERICA PROGRAM	10.868	249451816			\$30,554	\$41,362	\$41,362	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	68-6424-17-014				\$221,608	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	69-6424-16-517				\$5,129	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	69-6424-17-020				\$18,253	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR186424XXXXG011				\$12,254	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR193A750023C006				\$92,041	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC003				\$213	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXG001				\$27,711	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR203A750023C010				\$40,838	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	NR206424XXXXG001				\$12,739	\$789,316	N/A	\$0
SOIL AND WATER CONSERVATION	10.902	68-7482-17-015				-\$3	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR183A750023C003				\$44,404	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR186424XXXXC032				\$43,738	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC004				\$86,841	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXC005				\$46,554	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXG002				\$27,641	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR196424XXXXG007				\$22,750	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL AND WATER CONSERVATION	10.902	NR203A750023C013			\$13,615	\$86,605	\$789,316	RESEARCH AND DEVELOPMENT	\$198,251,485
SOIL SURVEY	10.903	NR193A750025C019				\$15,000	\$15,000	N/A	\$0
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	69-3A75-17-277				\$81,964	\$182,742	N/A	\$0
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	69-6424-16-517				\$6,547	\$182,742	N/A	\$0
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	69-6424-17-020				\$1,684	\$182,742	N/A	\$0
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR186424XXXXG013				\$24,387	\$182,742	N/A	\$0
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	NR186424XXXXG014				\$9,603	\$182,742	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		ALITA ANN JOHNSON REVOCABLE TRUST	N/A		\$13,860	\$182,742	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		INDIANA UNIVERSITY OF PENNSYLVANIA	1718-172.002		\$44,697	\$182,742	RESEARCH AND DEVELOPMENT	\$198,251,485
CONSERVATION STEWARDSHIP PROGRAM	10.924	NR186424XXXXG011				\$567	\$567	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	12314420P0143				\$4,776	\$821,037	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX17TA-10960R001A				\$260,194	\$821,037	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX19TA-10960R008				\$93,178	\$821,037	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX19TA-10960R010				\$125,335	\$821,037	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R004				\$317,011	\$821,037	N/A	\$0
TECHNICAL AGRICULTURAL ASSISTANCE	10.960	FX20TA-10960R010				\$20,543	\$821,037	N/A	\$0
MODELING FIRE-INDUCED TREE MORTALITY FOR EASTERN HARDWOOD FORESTS	10.RD	16-JV-11242311-076				\$5,509	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
THE SURVIVAL AND PERFORMANCE OF IMPROVED SHORTLEAF PINE SEEDLINGS	10.RD	16-JV-11242311-080				\$6,344	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
INTEGRATED DISEASE MANAGEMENT FOR WHITE-NOSE SYNDROME ABUNDANCE, SURVIVAL, AND VIABILITY OF GOLDEN-CHEEKED WARBLER ON BALCONES CANYONLANDS PRESERVE, AUSTIN, TX	10.RD	16-JV-11242311-118				\$74,923	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
PREDICTING FOREST LANDSCAPE CHANGE TO SUPPORT ENVIRONMENTAL ANALYSES AND DECISION MAKING	10.RD	18-JV-11242311-027				-\$218	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
		18-JV-11242311-028				\$6,367	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
US FOREST SERVICE - MISSOURI S&T STUDENT INTERNS	10.RD	18-PA-11090500-041				\$3,345	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
EVALUATING PRAIRIE RESTORATION WITH ACTIVE BISON GRAZING ON MIDWEST NATIONAL TALLGRASS PRAIRIE	10.RD	20-CS-11091500-009				\$9,756	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
MRBJ STUDY - MORRIS	10.RD	N/A	ORA CLAY MORRIS, JR	N/A		\$3,253	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
FOOD INSECURITY AND CHRONIC DISEASES IN LOW-INCOME OLDER AMERICANS: THE ROLE OF SNAP RECEIPT IN MEDICATION UNDERUSE	10.RD	320002889-20-245	UNIVERSITY OF KENTUCKY	320002889-20-245	\$52,854	\$100,139	\$209,418	RESEARCH AND DEVELOPMENT	\$198,251,485
GUANICA AVIAN MONITORING PROJECT	10.U01	19-CS-11120101-410				\$9,271	\$9,271	N/A	\$0
WEST CENTRAL MISSOURI FOOD VALUE CHAIN PROJECT	10.U02	N/A	WEST CENTRAL MISSOURI COMMUNITY ACTION AGENCY	N/A		\$20,530	\$20,530	N/A	\$0
TOTAL DEPARTMENT OF AGRICULTURE						\$1,384,136	\$43,226,416		
DEPARTMENT OF COMMERCE									
STATISTICAL, RESEARCH, AND METHODOLOGY ASSISTANCE	11.016	0090-FY19-IPA-0102.000				\$45,640	\$45,640	N/A	\$0
CLUSTER GRANTS	11.020	ED19HDQ0200011				\$165,298	\$165,298	RESEARCH AND DEVELOPMENT	\$198,251,485
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303	ED18DEN3030029				\$97,718	\$207,655	N/A	\$0
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303	ED18DEN3030029				\$63,687	\$207,655	N/A	\$0
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303	ED19DEN3030026				\$46,250	\$207,655	N/A	\$0
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19 - ED20DEN3070076				\$154,575	\$1,130,547	ECONOMIC DEVELOPMENT CLUSTER	\$1,121,903
ECONOMIC ADJUSTMENT ASSISTANCE	11.307	05-79-05785				\$906,348	\$1,130,547	ECONOMIC DEVELOPMENT CLUSTER	\$1,121,903
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19	MID AMERICA REGIONAL COUNCIL	05-79-06096		\$60,980	\$1,130,547	ECONOMIC DEVELOPMENT CLUSTER	\$1,121,903
COVID-19 - ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19 - 05-79-06062				\$8,644	\$1,130,547	RESEARCH AND DEVELOPMENT	\$198,251,485
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313	ED17HDQ3130047				-\$1,584	\$1,082,197	N/A	\$0
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313	ED19HDQ3130106				\$203,007	\$1,082,197	N/A	\$0
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313	ED20HDQ3130003				\$880,774	\$1,082,197	N/A	\$0
SEA GRANT SUPPORT	11.417		PURDUE UNIVERSITY	F0002362202059		\$38,257	\$38,257	N/A	\$0
UNALLIED SCIENCE PROGRAM	11.472	NA19NMF4720227			\$26,569	\$26,569	\$26,569	RESEARCH AND DEVELOPMENT	\$198,251,485
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	70NANB15H285				\$54,040	\$54,040	RESEARCH AND DEVELOPMENT	\$198,251,485
MANUFACTURING EXTENSION PARTNERSHIP	11.611		MISSOURI ENTERPRISE BUS ASSISTANCE	N/A		\$554,605	\$645,043	N/A	\$0
MANUFACTURING EXTENSION PARTNERSHIP	11.611		MISSOURI ENTERPRISE BUS ASSISTANCE CENTER	N/A		\$90,438	\$645,043	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCLOSURE AVOIDANCE RESEARCH SUPPORT	11.RD	135160	MITRE	135160		\$188,786	\$188,786	RESEARCH AND DEVELOPMENT	\$198,251,485
DISSERTATION PROPOSAL: BAYESIAN UNIT-LEVEL MODELING OF NON-GAUSSIAN SURVEY DATA UNDER INFORMATIVE SAMPLING WITH APPLICATION TO SMALL AREA ESTIMATION	11.U01	1333LB19P00000173				\$6,613	\$6,613	N/A	\$0
EARTH NETWORKS AGREEMENT, THIRD MODIFICATION	11.U02	N/A	EARTH NETWORKS INC	N/A		\$1,798	\$1,798	N/A	\$0
TASK ORDER S2020-128	11.U03	S2020-128	SYNOPTIC DATA PBC	S2020-128		\$149,048	\$149,048	N/A	\$0
TOTAL DEPARTMENT OF COMMERCE						\$26,569	\$3,741,491		
DEPARTMENT OF DEFENSE									
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	SP4800-19-2-1920			\$1,654	\$58,087	\$690,897	N/A	\$0
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002	SP4800-20-2-2020				\$632,810	\$690,897	N/A	\$0
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114	W912DQ1920002				\$19,526	\$30,024	RESEARCH AND DEVELOPMENT	\$198,251,485
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114		MISSOURI STATE UNIVERSITY	19044-01		\$10,498	\$30,024	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	FA8750-19-2-0001				-\$17,715	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	W912DQ202001				\$25,220	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00244-19-2-0003				\$29,139	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00173-19-2-C900				\$80,290	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-16-1-2323			\$119,126	\$237,939	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-16-1-2408				\$25,615	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-17-1-2572				\$51,081	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-17-1-2931				\$186,593	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-17-1-2932				\$88,380	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-17-1-3016				\$1,142,614	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2006				\$91,097	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2597				\$284,039	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	N00014-19-1-2688			\$303,729	\$360,911	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	W911QY1820001				\$144,490	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		INNOVATIVE VETERINARY MEDICINE INC	7001-03		\$5,904	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		UNIVERSITY OF TENNESSEE	N00164-20-2008-MISSOURI		\$15,284	\$2,750,881	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	HDTRA1-15-1-0016				\$14,396	\$41,228	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	HDTRA1-16-1-0019			-\$67,711	-\$67,711	\$41,228	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351		UNIVERSITY OF FLORIDA	UFDSPO0011428		\$94,543	\$41,228	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH-16-1-0221			\$194	\$2,415	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH-16-1-0321				\$1,945	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1810179				\$323,030	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1810430				\$614,869	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH1910694				\$162,961	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2010399			\$9,507	\$312,512	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2010459				\$76,564	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2010688				\$17,959	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH2110173				\$46,626	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	W81XWH-15-2-0037			\$44,216	\$344,260	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		COLUMBIA UNIVERSITY	1(GG014473)						
			COLUMBIA UNIVERSITY	1(GG015772)		\$161,787	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		HENRY M JACKSON FOUNDATION			\$70,501	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		FOR THE ADVANCEMENT	4558		\$129,996	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SHIFT PHARMACEUTICALS	N/A		\$50,320	\$2,315,745	RESEARCH AND DEVELOPMENT	\$198,251,485	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF VIRGINIA	GG12216. PO #2261592		\$54,476	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-17-1-0183				\$64,467	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-18-1-0031				\$322,904	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF-18-1-0153				\$89,690	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1810155				\$9,121	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1910181				\$71,108	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1910246				\$1,141,583	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1910283			\$606,950	\$20,913	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1920044				\$252,713	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2010094				\$279,470	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2020134				\$2,399,784	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2020251				\$41,325	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF2110072				\$1,071,044	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431	W911NF1820285				\$674,985	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC SCIENTIFIC RESEARCH	12.431		CAREGIE MELLON UNIVERSITY	1130233-417379						
			LEONARD WOOD INSTITUTE	2018-003						
			LEONARD WOOD INSTITUTE	2018-004						
			LEONARD WOOD INSTITUTE	2018-005						
			LEONARD WOOD INSTITUTE	2018-011						
			LEONARD WOOD INSTITUTE	2018-014						
			LEONARD WOOD INSTITUTE	2018-018						
			LEONARD WOOD INSTITUTE	2018-022						
			LEONARD WOOD INSTITUTE	2018-041						
			LEONARD WOOD INSTITUTE	2018-050						
			LEONARD WOOD INSTITUTE	2018-062		\$18,408	\$918,111	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485
BASIC SCIENTIFIC RESEARCH	12.431		LEONARD WOOD INSTITUTE	SUBAWARD 2018-006						
BASIC SCIENTIFIC RESEARCH	12.431		LEONARD WOOD INSTITUTE	SUBAWARD 2018-063		\$739,956	\$8,133,408	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	HM04761912006				\$187,633	\$259,766	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	HM04762110001				\$68,286	\$259,766	RESEARCH AND DEVELOPMENT	\$198,251,485	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		MARSHALL UNIVERSITY RESEARCH CORP	N/A		\$3,847	\$259,766	RESEARCH AND DEVELOPMENT	\$198,251,485	
UNIFORMED SERVICES UNIVERSITY MEDICAL RESEARCH PROJECTS	12.750		HENRY M JACKSON FOUNDATION	4270	\$68,714	\$85,925	\$108,277	RESEARCH AND DEVELOPMENT	\$198,251,485	
UNIFORMED SERVICES UNIVERSITY MEDICAL RESEARCH PROJECTS	12.750		WAYNE STATE UNIVERSITY	WSU21078		\$22,352	\$108,277	RESEARCH AND DEVELOPMENT	\$198,251,485	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-18-1-0342				\$125,976	\$1,787,050	RESEARCH AND DEVELOPMENT	\$198,251,485	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-19-1-0318			\$1,147,590	\$1,403,676	\$1,787,050	RESEARCH AND DEVELOPMENT	\$198,251,485	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FA9550-20-1-0198				\$160,124	\$1,787,050	RESEARCH AND DEVELOPMENT	\$198,251,485	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY OF MARYLAND	57641-28057201		\$97,274	\$1,787,050	RESEARCH AND DEVELOPMENT	\$198,251,485	
INFORMATION SECURITY GRANTS	12.902	H98230-20-1-0297				\$134,806	\$134,806	RESEARCH AND DEVELOPMENT	\$198,251,485	
GENCYBER GRANTS PROGRAM	12.903	H98230-20-1-0083				\$18,445	\$34,835	N/A	\$0	
GENCYBER GRANTS PROGRAM	12.903	H98230-21-1-0151				\$16,390	\$34,835	N/A	\$0	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	W911NF1820260				\$200,927	\$310,939	RESEARCH AND DEVELOPMENT	\$198,251,485	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	D18AP00054				\$110,012	\$310,939	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIO-INSPIRED FUNCTIONALLY GRADED COMPOSITES FOR BLAST AND IMPACT HAZARD MITIGATION	12.RD	19-03-037	UNIVERSITY OF MISSISSIPPI	19-03-037		\$22,680	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485	
MACHINE LEARNING FOR SECURE AND RESILIENT INFORMATION MANAGEMENT IN COMBAT CLOUD	12.RD	FA8750-21-C-0502				\$113,079	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485	
ON THE STABILITY OF HIGH FREQUENCY WAVE REGIONAL AMPLITUDES: A STUDY OF MIDDLE EASTERN Q MODELS AND THEIR RELIABILITY	12.RD	FA9453-17-C-0027			\$38,869	\$38,869	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485	
REGIONAL PHASE BLOCKAGE AND LEFT CENSORED DATA IN THE MIDDLE EAST	12.RD	FA9453-19-C-0067				\$127,021	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485	

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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SITE PREPARATION FOR LONGLEAF PINE RESTORATION ON HYDRIC SITES: STAND DEVELOPMENT AND GROUND LAYER RESPONSE 15 YEARS FOLLOWING PLANTING	12.RD	W912HQ17C0022			\$5,366	\$13,285	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVELOPMENT AND EVALUATION OF NON-CHROMATE LHE ZNNI PASSIVATIONS FOR DOD ELECTRICAL CONNECTORS	12.RD	W912HQ18C0065			\$9,660	\$125,435	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
YELLOWSTONE RIVER CULTURAL INVENTORY UPDATE WITH EMPHASIS ON DROUGHT AND FLOOD PREPAREDNESS	12.RD	W9128F18P0124				\$33,586	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
VALIDATION OF A UV/TIO2 ACTIVATED ALKALINE MEDIA (CFM) FOR DESTRUCTION OF PFAS IN CONCENTRATED LIQUID WASTE STREAMS	12.RD	W912HQ21C0002				\$111,162	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
NGA PROGRAM OF STUDY IN DATA SCIENCE	12.RD	HM047616C0037			\$66,062	\$579,486	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ONR SHORT PULSE RESEARCH, EVALUATION AND NON-SWAP DEMONSTRATION FOR C-SUAV	12.RD	N00014-18-C-1017			\$411,900	\$4,447,932	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ERDC IPA: OPTIMIZED SURFACE EMISSION USING MACHINE LEARNING EXPLAINABLE ARTIFICIAL INTELLIGENCE AND ADVERSARIAL ALGORITHMS FOR ENVIRONMENT UNDERSTANDING	12.RD	N/A				\$56,724	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
EVALUATION OF STATE-OF-THE-ART MACHINE LEARNING MODELS APPLIED TO SENSING MANEUVERABILITY HAZARDS UNDER MULTIPLE PHENOMENOLOGIES AND PLATFORMS	12.RD	W912HZ19C0007				\$228,108	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVELOPMENT OF INNOVATIVE SOLUTIONS AND ENGINEERING ANALYSIS AND DESIGN MODEL FOR BLAST RESISTANT GLAZING PROTOTYPE	12.RD	W912HZ19C0018				\$393,541	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
FABRICATION OF SILICA PARTICLE COLLOIDAL CRYSTALS ON GLASS SUBSTRATES	12.RD	N/A	ZWITECH LLC	N/A		\$337	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
INNOVATIVE CASTING TECHNOLOGIES/INTENSIVE QUENCHING TO PRODUCE HIGH PERFORMANCE CAST PARTS	12.RD	2018-509-01	ADVANCED TECH INTERNATIONAL	2018-509-01		\$46,488	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED DRIFT STEP RECOVERY DIODE	12.RD	N/A	ASR CORPORATION	N/A		\$103,395	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
SMART - STANDARDS FOR METROLOGY AIDED ROBOT TECHNOLOGY	12.RD	1989390	BOEING COMPANY	1989390		\$145,749	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
NGA BAH RECON	12.RD	S902427BAH	BOOZ ALLEN HAMILTON	S902427BAH		\$61,816	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
LIVE FIRE AND FORENSICS	12.RD	S905498BAH	BOOZ ALLEN HAMILTON	S905498BAH		\$73,052	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
STTR: SUPPORT OF CARBONCYCLE DOD STTR PHASE 1 PROPOSAL	12.RD	FA864921P0731_001	CARBONCYCLE, LLC	FA864921P0731_001		\$14,444	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ACCELERATING HUMAN AUGMENTATION THROUGH ARTIFICIAL INTELLIGENCE & AUTONOMOUS SYSTEMS	12.RD	1990695-436735	CARNEGIE MELLON UNIVERSITY	1990695-436735		\$450,504	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
CFDRC MDA STTR PHASE II - FINE POWDER CATHODE AND SEPARATOR BINDER CHARACTERIZATION FOR THERMAL BATTERIES	12.RD	9324	CFD RESEARCH CORPORATION	9324		\$56,586	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
JANUS AERONAUTICAL FEATURES VERTICAL OBSTRUCTIONS DELIVERY ORDER 5	12.RD	CMC-UOFM-190805-1	CONSULTANTS	CMC-UOFM-190805-1		\$96,310	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
CORASCLOUD STTR PHASE 1	12.RD	FA864921P0204	CORASCLOUD INC	FA864921P0204		\$44,426	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
UAV-UGV CARGO DROP	12.RD	N/A	DROPDRONE	N/A		\$9,138	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ETC INT STTR PHASE 1	12.RD	FA864921P0224	ETC INTERNATIONAL	FA864921P0224		\$36,950	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
PERFORMANCE ON DARPA MACH PROGRAM	12.RD	PO-401138963	GENERAL ELECTRIC	PO-401138963		\$165,043	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ASSESSMENT OF UAS SWARM DETECTION AND TRACKING SYSTEMS	12.RD	N/A	GHOSTWAVE	N/A		\$9,963	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
LARGE MASS DUAL BORE REVERSIBLE HELICALELECTROMAGNETIC LAUNCHER	12.RD	N000278076	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000278076		\$68,009	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
UAV AND UAM RAPID VEHICLE CHARGE HYBRID CUBE (RAPID VCC)	12.RD	N/A	HYBRID COMMUNICATIONS (HCI ENERGY)	N/A		\$50,055	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
APPLICATIONS OF QUANTUM PROBABILITY THEORY TOHUMAN-MACHINE COMMUNICATION NETWORKS	12.RD	8423	INDIANA UNIVERSITY	8423		\$74,108	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
SBIR/STTR: ARMY'S PHASE II: SBIR PROPOSAL, RADIOLYTIC ATOMIC CELL FOR LONG-LIVED SENSORS	12.RD	N/A	INFINITY POWER LLC	N/A		-\$1,034	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
MATERIAL PROCESSING AND AUTOMATION PARTNERSHIP WITH IMP	12.RD	N/A	INNOVATIVE MATERIALS AND PROCESSES LLC	N/A		\$24,573	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
FLEXI-FLY: FIELD-RECONFIGURABLE, MISSION-ADAPTIVE EVTOL UAM VEHICLES	12.RD	FA864921P0235	KALSCOTT ENGINEERING INC	FA864921P0235		\$42,425	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
SIGNAL AND RADIATING SYSTEMS DESIGN AND MODELING FOR APPLICATIONS TO WIRELESS POWER TRANSFER IN THE LOWER MICROWAVE FREQUENCY REGION	12.RD	N/A	KALSCOTT ENGINEERING INC	N/A		\$9,981	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
GAMIFYING CYBERSECURITY TO ELIMINATE ALERT FATIGUE	12.RD	N/A	KANSHI LLC	N/A		\$3,984	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGH RESPONSIVITY LATERAL GAN SWITCH	12.RD	P0329-P000-UMKC-20191212	KYMA TECHNOLOGY	P0329-P000-UMKC-20191212		\$12,365	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
STTR: DESTRUCTION OF AFF IN HFZ REACTOR, PHASE II	12.RD	00063289	LIQUID CARBONIC LLC	00063289		\$3,491	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
TASK ORDER: MRI GLOBAL (DARPA) RADIATION STUDY	12.RD	748-111105-01	MRI GLOBAL	748-111105-01		\$21,572	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
A PHASE 2 TRIAL EVALUATING SARGRAMOSTIM IN PATIENTS WITH COVID-19ASSOCIATED ACUTE HYPOXEMIA	12.RD	PTX-001-002	PARTNER THERAPEUTICS INC	PTX-001-002		\$41,701	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
PHASE II: ONSITE STRUCTURAL RESTORATION METHODS FOR AIRCRAFT COMPONENTS	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING, LLC	N/A		\$12,147	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
STTR: PHASE II: ADVANCED MECHANICAL TESTING (AMT) SYSTEM FOR HIGHLY IRRADIATED MATERIALS	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING, LLC	N/A		\$119,403	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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STTR: PHASE I: ADDITIVE MANUFACTURING OF INORGANIC TRANSPARENT MATERIALS FOR ADVANCED OPTICS	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING, LLC	N/A		\$27,475	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
STTR: PHASE II: INNOVATIVE PROCESSING TECHNIQUES FOR ADDITIVE MANUFACTURE OF 7000 SERIES ALUMINUM ALLOY COMPONENTS	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING, LLC	N/A		\$135,481	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
NAVY SBIR PHASE II: PRECISION MACHINING OF COMPOSITE STRUCTURES	12.RD	N/A	PRODUCT INNOVATION AND ENGINEERING, LLC	N/A		\$38,330	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	48406	QINETIQ LTD	48406		\$188,603	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ATLAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	55938	QINETIQ LTD	55938		\$7,012	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
IVAS: MORPHOLOGY NETS AND PASSIVE RANGING	12.RD	W909MY-19-F-0095	QINETIQ LTD	W909MY-19-F-0095		\$127,745	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED SILICON DIODE SWITCH FOR HPRF SYSTEMS	12.RD	0049209	RADIATION DETECTION TECHNOLOGIES INC	0049209		\$112,907	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
NEUTRON RADIATION IDENTIFIER (NRID)	12.RD	0062935	RADIATION DETECTION TECHNOLOGIES INC	0062935		\$58,157	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
STRATEGIC DESIGN OF WAR RESERVE MATERIEL PACKAGES AND POSTURES	12.RD	SCON-00000270	RAND CORPORATION	SCON-00000270		\$13,158	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
EVALUATION OF EFFECTIVENESS AND COSTS OF ALTERNATIVE SUPPORT STRATEGIES AND POSTURE OPTIONS	12.RD	SCON-00000288	RAND CORPORATION	SCON-00000288		\$26,345	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGH POWER INDUCTIVE MODULATOR FOR NARROWBAND RF GENERATION	12.RD	N6893620C0078	SEMICONDUCTOR POWERTECH INC.	N6893620C0078		\$39,910	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGH STRENGTH LIGHTWEIGHT STEELS FOR IMPROVED MILITARY READINESS	12.RD	2017-106	STEEL FOUNDERS' SOCIETY OF AMERICA	2017-106		\$4,374	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
IDENTIFYING UNCERTAINTY AND DECEPTION FOR ONLINE ARTIFICIAL INTELLIGENCE IN DYNAMIC AND CHAOTIC ENVIRONMENTS	12.RD	ERDC-MECI-PLA-0004	SYSTEM OF SYSTEMS CONSORTIUM SOSSEC	ERDC-MECI-PLA-0004		\$159,745	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
TECHNEXT INC STRR PHASE 1	12.RD	FA864921P0224	TECHNEXT INC	FA864921P0224		\$45,034	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
SBIR: N82-100: DATA ANALYTICS FOR NAVY AIRCRAFT COMPONENT FATIGUE LIFE MANAGEMENT	12.RD	2119-001-01	TECHNICAL DATA ANALYSIS INC	2119-001-01		\$33,284	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
MIXED-MODALITY LEARNING FOR LIFELONG LEARNING MACHINES (M2L FOR L2M) - PHASE 2	12.RD	PO00159187	TELEDYNE SCIENTIFIC & IMAGING LLC	PO00159187		\$110,867	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
SBIR: NONDESTRUCTIVE EVALUATION OF COMPOSITE SUBSTRATE BELOW THICK TOP COAT MATERIALS	12.RD	F-30131G-500-01-SC1757	TEXAS RESEARCH INSTITUTE AT AUSTIN	F-30131G-500-01-SC1757		\$3,243	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
ENABLING FORMATION FLYING WITH MULTI-MODE MICROPROPULSION	12.RD	CP0053709	UTAH STATE UNIVERSITY RESEARCH FOUNDATION	CP0053709		\$71,396	\$9,292,790	RESEARCH AND DEVELOPMENT	\$198,251,485
POST BLAST FORENSICS TRAINING FOR FORT LEONARD WOOD USAMPS	12.U01	W9115718P0042				\$42,362	\$42,362	N/A	\$0
NGA PROGRAM OF STUDY IN DATA SCIENCE - OPTION PERIOD 3 (FFP)	12.U02	HM047616C0037			\$95,193	\$1,534,590	\$1,534,590	N/A	\$0
TOTAL DEPARTMENT OF DEFENSE						\$2,879,427	\$27,467,598		
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT									
CONTINUUM OF CARE PROGRAM	14.267		ST. LOUIS CITY MISSOURI HOUSING DEVELOPMENT COMMISSION	MO0266L7E011800		\$71,677	\$73,861	N/A	\$0
CONTINUUM OF CARE PROGRAM	14.267			19-800-GA		\$2,184	\$73,861	RESEARCH AND DEVELOPMENT	\$198,251,485
A NOVEL METHOD FOR IDENTIFYING HOMES THAT PUT CHILDREN AT HIGH RISK FOR LEAD POISONING	14.RD	MOLTS0019-20				\$43,844	\$43,844	RESEARCH AND DEVELOPMENT	\$198,251,485
TO CREATE NEW HEALTHY HOMES PUBLICATIONS/GUIDES FOR PUERTO RICO AND THE UNITED STATES VIRGIN ISLANDS	14.U01	86543J19P00007				\$5,846	\$5,846	N/A	\$0
SUPPORT HEALTHY HOMES TRAINING AND ESTABLISH A CERTIFIED TRAINER NETWORK FOR OLCCH	14.U02	86614120P00003				\$88,783	\$88,783	N/A	\$0
TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT							\$212,334		
DEPARTMENT OF THE INTERIOR									
WILDLAND FIRE RESEARCH AND STUDIES PROGRAM	15.232	L20AC00204				\$9,490	\$9,490	RESEARCH AND DEVELOPMENT	\$198,251,485
WATER DESALINATION RESEARCH AND DEVELOPMENT PROGRAM	15.506	R21AC10073-00				\$19,078	\$19,078	RESEARCH AND DEVELOPMENT	\$198,251,485
SPORT FISH RESTORATION PROGRAM	15.605		MISSOURI DEPARTMENT OF CONSERVATION	380		\$234,512	\$234,512	RESEARCH AND DEVELOPMENT	\$198,251,485
			MISSOURI DEPARTMENT OF CONSERVATION	424					
			KANSAS WILDLIFE, PARKS AND TOURISM	N/A					
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		KANSAS WILDLIFE, PARKS AND TOURISM	W-119-R-1		\$237,412	\$534,399	RESEARCH AND DEVELOPMENT	\$198,251,485
			MISSOURI DEPARTMENT OF CONSERVATION	357					
			MISSOURI DEPARTMENT OF CONSERVATION	369					
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		MISSOURI DEPARTMENT OF CONSERVATION	377	\$41,480	\$71,626	\$534,399	RESEARCH AND DEVELOPMENT	\$198,251,485
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		NEBRASKA GAME AND PARKS	N/A		\$113,274	\$534,399	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

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WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		PENNSYLVANIA GAME COMMISSION TEXAS PARKS & WILDLIFE DEPARTMENT	4300589787 CA-0000800		\$47,744 \$64,343	\$534,399 \$534,399	RESEARCH AND DEVELOPMENT	\$198,251,485 \$198,251,485
STATE WILDLIFE GRANTS	15.634		ARKANSAS GAME AND FISH COMMISSION TEXAS PARKS & WILDLIFE DEPARTMENT	N/A 531025		\$1,436 \$39,712	\$41,148 \$41,148	RESEARCH AND DEVELOPMENT	\$198,251,485 \$198,251,485
MIGRATORY BIRD JOINT VENTURES	15.637	F19AP00254				\$24,792	\$143,389	RESEARCH AND DEVELOPMENT	\$198,251,485
MIGRATORY BIRD JOINT VENTURES	15.637	F20AC11678-00				\$73,291	\$143,389	RESEARCH AND DEVELOPMENT	\$198,251,485
MIGRATORY BIRD JOINT VENTURES	15.637	F20AC12131				\$45,306	\$143,389	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE LANDSCAPE CONSERVATION	15.669		KANSAS WILDLIFE, PARKS AND TOURISM	N/A		\$589	\$589	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F19AC00735				\$38,336	\$93,792	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F19AP00873				\$35,769	\$93,792	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F20AC11252				\$12,432	\$93,792	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678	F20AC11254				\$7,255	\$93,792	RESEARCH AND DEVELOPMENT	\$198,251,485
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	G16AP00066			\$21,944	\$108,467	\$113,147	RESEARCH AND DEVELOPMENT	\$198,251,485
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	G21AP10172				\$4,680	\$113,147	RESEARCH AND DEVELOPMENT	\$198,251,485
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807		SOUTHERN CALIFORNIA EARTHQUAKE CENTER	131436269		\$22,120	\$22,120	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	G21AC10245				\$6,388	\$145,966	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	G17AC00069				\$6,992	\$145,966	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	G18AC00327				\$10,585	\$145,966	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	G20AC00127				\$81,118	\$145,966	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	G21AC10041				\$2,468	\$145,966	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808		UNIVERSITY OF MINNESOTA	H007905701		\$38,415	\$145,966	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810	G19AC00218				\$2,914	\$2,914	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G16AC00401				\$8,772	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G17AC00379			\$15,001	\$16,501	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G18AC00005				\$1,280	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G18AC00219				\$4,236	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G18AC00357				\$58,392	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G19AC00039				\$31,079	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G19AC00108				\$48,777	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G20AC00204				\$43,655	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH UNITS PROGRAM	15.812	G21AC10195				\$9,147	\$219,279	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820		UNIVERSITY OF MASSACHUSETTS UNIVERSITY OF MASSACHUSETTS MISSOURI DEPARTMENT OF NATURAL RESOURCES	20 015184 C 00 20-015184-C-01 P20AF00030-006		\$73,549	\$73,549	RESEARCH AND DEVELOPMENT	\$198,251,485
HISTORIC PRESERVATION FUND GRANTS-IN-AID	15.904					\$14,553	\$14,553	N/A	\$0
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P17AP00315				\$5,676	\$47,051	N/A	\$0
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P19AP00242				\$10,978	\$47,051	N/A	\$0
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P19AP00243				\$18,591	\$47,051	N/A	\$0
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922	P20AP00271				\$11,806	\$47,051	N/A	\$0
NATURAL RESOURCE STEWARDSHIP	15.944	RM-AQ-2019-197				\$21	\$21	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945	P15AC01749				\$6,053	\$17,079	N/A	\$0
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945	P20AC00425				\$11,026	\$17,079	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL ATMOSPHERIC DEPOSITION PROGRAM	15.RD	140G0121P0102				\$4,374	\$4,374	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL ATMOSPHERIC DEPOSITION PROGRAM	15.U01	G16PX00487				\$5,198	\$5,198	N/A	\$0
3RD ANNUAL TEACHING BLACK HISTORY CONFERENCE: TEACHING BLACK HERSTORIES	15.U02	N/A	400 YEARS OF AFRICAN AMER HISTORY COMM	N/A		\$10,575	\$10,575	N/A	\$0
TOTAL DEPARTMENT OF THE INTERIOR						\$78,425	\$1,752,223		
DEPARTMENT OF JUSTICE									
COMMUNITY-BASED VIOLENCE PREVENTION PROGRAM	16.123		UNITED WAY OF GREATER ST. LOUIS	N/A		\$23,491	\$23,491	N/A	\$0
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT, AND STALKING ON CAMPUS	16.525	2019-WA-AX-0037				\$70,153	\$70,153	N/A	\$0
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	2015-CX-BX-0021				\$101,687	\$1,143,934	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	2016-CX-BX-0004				\$956,072	\$1,143,934	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560		CAN	20-UMLS-1-1491		\$17,122	\$1,143,934	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560		TEXAS STATE UNIVERSITY	20019-83392-1		\$53,510	\$1,143,934	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560		UNIVERSITY OF VIRGINIA	GG12074 PO 2122567		\$15,543	\$1,143,934	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
CRIME VICTIM ASSISTANCE	16.575		MISSOURI DEPARTMENT OF CORRECTIONS	N/A		\$25,209	\$357,292	N/A	\$0
COVID-19 - CRIME VICTIM ASSISTANCE	16.575	COVID-19	MISSOURI DEPARTMENT OF SOCIAL SERVICES	ER130200022		\$303,195	\$357,292	N/A	\$0
CRIME VICTIM ASSISTANCE	16.575		MISSOURI DEPARTMENT OF SOCIAL SERVICES	ER130200103		\$28,888	\$357,292	N/A	\$0
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582	2020-VO-GX-0167				\$45,449	\$45,449	N/A	\$0
BULLETPROOF VEST PARTNERSHIP PROGRAM	16.607		MISSOURI DEPARTMENT OF PUBLIC SAFETY	2018B08X18091656		-\$4,298	-\$4,298	N/A	\$0
JUVENILE MENTORING PROGRAM	16.726		NATIONAL 4-H COUNCIL	N/A		\$84,147	\$84,147	N/A	\$0
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738		KANSAS CITY MISSOURI POLICE DEPARTMENT	2016-WY-BX-0006		\$8,652	\$8,652	RESEARCH AND DEVELOPMENT	\$198,251,485
EDWARD BYRNE MEMORIAL COMPETITIVE GRANT PROGRAM	16.751		KANSAS CITY MISSOURI POLICE DEPARTMENT	2017-DG-BX-0001		\$25,398	\$25,398	N/A	\$0
HAROLD ROGERS PRESCRIPTION DRUG MONITORING PROGRAM	16.754		ST. LOUIS COUNTY MISSOURI BEYOND HOUSING	38-663		\$7,793	\$7,793	RESEARCH AND DEVELOPMENT	\$198,251,485
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817			N/A		\$10,811	\$10,811	RESEARCH AND DEVELOPMENT	\$198,251,485
POSTCONVICTION TESTING OF DNA EVIDENCE TO EXONERATE THE INNOCENT	16.820	2019-DY-BX-0002			\$151,892	\$151,892	\$151,892	N/A	\$0
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838		ST. LOUIS CITY MISSOURI TREATMENT ALTERNATIVES FOR SAFE COMMUNITIES	N/A		\$59,908	\$103,116	N/A	\$0
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838			N/A		\$43,208	\$103,116	N/A	\$0
ATF EXPLOSIVE ENGINEERING COURSES	16.RD	DJA-15-AHDQ-K-0184				\$81,261	\$81,261	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATIONAL SERVICES: DISTANCE LEARNING EXPLOSIVES ENGINEERING COURSES FOR THE ATF	16.U01	15A00021DAQA00058				\$81,261	\$81,261	N/A	\$0
UMKC MIP INNOCENCE CLINIC	16.U02	2020-DY-BX-0007			\$20,750	\$27,598	\$27,598	N/A	\$0
TOTAL DEPARTMENT OF JUSTICE					\$172,642	\$2,217,950			
DEPARTMENT OF LABOR									
UNEMPLOYMENT INSURANCE	17.225		MISSOURI DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	AOC21380047		\$27,950	\$27,950	N/A	\$0
TOTAL DEPARTMENT OF LABOR						\$27,950			
DEPARTMENT OF STATE									
PUBLIC DIPLOMACY PROGRAMS	19.040		UNIVERSITY OF NEBRASKA OMAHA	45-2402-1031-314		\$21,269	\$21,269	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL DEPARTMENT OF STATE						\$21,269			
DEPARTMENT OF TRANSPORTATION									
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-012			\$195,679	\$304,812	\$389,178	RESEARCH AND DEVELOPMENT	\$198,251,485
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109	13-C-AJFE-MST-014			\$7,752	\$84,366	\$389,178	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	693J131950023			\$183,850	\$507,127	\$638,972	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		IOWA STATE UNIVERSITY	021231B		\$28,968	\$638,972	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		OKLAHOMA DEPARTMENT OF TRANSPORTATION	SPR ITEM 2279 YEAR 3		\$22,604	\$638,972	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		OREGON STATE UNIVERSITY	J254A-B		\$4,728	\$638,972	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD						
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD						
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05 (52-11)					
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05(50-01)					
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05(50-11)					
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION RESEARCH BOARD	HR 20-05(51-03)		\$42,550	\$638,972	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		UNIVERSITY OF CALIFORNIA LOS ANGELES	0121 G XA080		\$32,995	\$638,972	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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			MISSOURI DEPARTMENT OF TRANSPORTATION						
			MISSOURI DEPARTMENT OF TRANSPORTATION						
			MISSOURI DEPARTMENT OF TRANSPORTATION						
			MISSOURI DEPARTMENT OF TRANSPORTATION						
			MISSOURI DEPARTMENT OF TRANSPORTATION						
			MISSOURI DEPARTMENT OF TRANSPORTATION						
			MISSOURI DEPARTMENT OF TRANSPORTATION						
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	5060601C					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	5064401C					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	5070301C					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202001					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202018					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202106		\$475,150	\$2,188,013	HIGHWAY PLANNING AND CONSTRUCTION CLUSTER	\$475,150
HIGHWAY PLANNING AND CONSTRUCTION	20.205		CALIFORNIA DEPARTMENT OF TRANSPORTATION	65A0795		\$11,213	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		COLORADO DEPARTMENT OF TRANSPORTATION	411026167		\$326	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	21W302-MORAP		\$21,178	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		IOWA DEPARTMENT OF TRANSPORTATION	00064252		\$38,302	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201807		\$28,936	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201809		\$17,536	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201811		\$6	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201904		\$54,603	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR201910		\$26,400	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR2020 04		\$108,380	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR2020 08		\$8,267	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202002		\$20,721	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202005		\$17,448	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202009		\$68,623	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202011		\$1,475	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202012		\$157,204	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202013		\$40,666	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202020		\$223,607	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202023		\$59,712	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202024		\$17,174	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202101		\$4,184	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202103		\$78,691	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202104		\$56,537	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202107		\$65,118	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202109		\$51,460	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202111		\$28,715	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202112		\$35,627	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202115		\$17,651	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202121		\$2,477	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		MISSOURI DEPARTMENT OF TRANSPORTATION	TR202125		\$56,054	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY PLANNING AND CONSTRUCTION	20.205		WOOD GROUP PLC	CO12609558		\$23,888	\$2,188,013	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGHWAY TRAINING AND EDUCATION	20.215		IOWA STATE UNIVERSITY	436-17-35		\$169,224	\$169,224	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
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FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT PROGRAM	20.509		MISSOURI DEPARTMENT OF TRANSPORTATION	RTAP		\$224,845	\$224,845	RESEARCH AND DEVELOPMENT	\$198,251,485
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	20-EM-02-001 20-RS-11-002 21-EM-02-001		\$145,298	\$612,337	HIGHWAY SAFETY CLUSTER	\$510,226
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	20-CP-09-004	\$9,674	\$114,664	\$612,337	RESEARCH AND DEVELOPMENT	\$198,251,485
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	20-DE-02-002		\$1,268	\$612,337	RESEARCH AND DEVELOPMENT	\$198,251,485
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	20-TSP-14-002		\$510	\$612,337	RESEARCH AND DEVELOPMENT	\$198,251,485
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	21-CP-09-008	\$19,718	\$326,109	\$612,337	RESEARCH AND DEVELOPMENT	\$198,251,485
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		MISSOURI DEPARTMENT OF TRANSPORTATION	21-DE-02-003		\$24,488	\$612,337	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		MISSOURI DEPARTMENT OF TRANSPORTATION	20-MSTR-03-003 21-MSTR-03-003		\$364,928	\$384,928	HIGHWAY SAFETY CLUSTER	\$510,226
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		MISSOURI DEPARTMENT OF TRANSPORTATION	N/A		\$20,000	\$384,928	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	69A3551747126	FLORIDA ATLANTIC UNIVERSITY	UR-K104	\$602,884	\$1,277,093	\$1,715,483	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEBRASKA LINCOLN	25-1121-0005-130		\$318,456	\$1,715,483	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		WASHINGTON STATE UNIVERSITY	135461 G004210		\$113,528	\$1,715,483	RESEARCH AND DEVELOPMENT	\$198,251,485
PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	20.724	693JK31850012CAAP				\$126,129	\$199,698	RESEARCH AND DEVELOPMENT	\$198,251,485
PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	20.724	693JK31950005CAAP				\$73,569	\$199,698	RESEARCH AND DEVELOPMENT	\$198,251,485
UPDATE TARGETED WORK ZONE ENGAGEMENT FRAMEWORK AND CONDUCT WORKSHOPS FHWA TASK ORDER NO. HOTOXX170000026PR	20.RD	TASK ORDER RELEASE NO. 1	LEIDOS INC	TASK ORDER RELEASE NO. 1		-\$1,868	-\$1,868	RESEARCH AND DEVELOPMENT	\$198,251,485
THEORETICAL ANALYSIS OF GAS-FIRED BINARY-FLUID SORPTION-ASSISTED EJECTOR HEAT PUMP FOR WATER HEATING	20.U01	4000173558	BATTELLE OAK RIDGE NATIONAL LAB	4000173558		\$1,696	\$1,696	N/A	\$0
REGIONAL ITS DATA SHARING INITIATIVE PHASE 1	20.U02	7302(680)	ST. CHARLES COUNTY GOVERNMENT	7302(680)	\$71,922	\$290,527	\$290,527	N/A	\$0
DEVELOPMENT OF DESIGN GUIDANCE FOR BELOW GROUND MASS HIGH PERFORMANCE CONCRETE POURS II	20.U03	TASK ORDER 4	WSP USA INC	TASK ORDER 4		\$66,282	\$66,282	N/A	\$0
TOTAL DEPARTMENT OF TRANSPORTATION						\$1,161,707	\$6,879,315		
DEPARTMENT OF TREASURY									
LOW INCOME TAXPAYER CLINICS	21.008	20-LUTC0413-02-00				\$91,621	\$91,621	N/A	\$0
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009	21VITA0251				\$66,882	\$66,882	N/A	\$0
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC21380051		\$376,685	\$3,945,344	N/A	\$0
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A		\$153,009	\$3,945,344	N/A	\$0
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A	\$66,021	\$45,830	\$3,945,344	RESEARCH AND DEVELOPMENT	\$198,251,485
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	ST. LOUIS COUNTY MISSOURI	0.5506					
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	JACKSON COUNTY MISSOURI						
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	N/A		\$2,786,052	\$3,945,344	RESEARCH AND DEVELOPMENT	\$198,251,485
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380085		\$99,141	\$3,945,344	RESEARCH AND DEVELOPMENT	\$198,251,485
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A		\$484,627	\$3,945,344	RESEARCH AND DEVELOPMENT	\$198,251,485
COVID-19 - CORONAVIRUS RELIEF FUND	21.019	COVID-19	WASHINGTON UNIVERSITY						
TOTAL DEPARTMENT OF TREASURY						\$66,021	\$4,103,847		
OFFICE OF PERSONNEL MANAGEMENT									
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011	1843371				\$232,064	\$232,064	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL OFFICE OF PERSONNEL MANAGEMENT						\$232,064			

UNIVERSITY OF MISSOURI SYSTEM
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NATIONAL AERONAUTICS & SPACE ADMINISTRATION									
SCIENCE	43.001	80NSSC20K0443				\$79,426	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001	NNX17AE88G				\$107,033	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001	80NSSC19K0572				\$13,208	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001	80NSSC19K0575				\$28,891	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001	80NSSC19K0701				\$25,801	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001		JET PROPULSION LAB	1632718					
SCIENCE	43.001		JET PROPULSION LAB	RSA #1646164		\$126,529	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001		PURDUE UNIVERSITY	12000289-07		\$21,962	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
			SMITHSONIAN ASTROPHYSICAL OBSERVATORY						
			SMITHSONIAN ASTROPHYSICAL OBSERVATORY						
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	G00-21115X G07-18123A TM9-20009X		\$35,812	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
			SPACE TELESCOPE SCIENCE						
SCIENCE	43.001		INSTITUTE	HST-AR-15040.001-A		\$2,501	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001		STANFORD UNIVERSITY	62216044-136705		\$25,619	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
SCIENCE	43.001		UNIVERSITY OF MINNESOTA	H006036602		\$8,246	\$475,028	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION	43.008	80NSSC20M0100			\$35,585	\$172,776	\$587,440	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION	43.008	NNX14AN17A				-\$741	\$587,440	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION	43.008	NNX15AK03H			\$194,309	\$392,079	\$587,440	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION	43.008	NNX15AM51A				\$22,970	\$587,440	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION	43.008	NNX16AI85A				\$356	\$587,440	RESEARCH AND DEVELOPMENT	\$198,251,485
SPACE TECHNOLOGY	43.012	80NSSC18K1665				\$52,460	\$313,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SPACE TECHNOLOGY	43.012	80NSSC19K1150				\$69,543	\$313,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SPACE TECHNOLOGY	43.012	80NSSC17K0170				\$69,097	\$313,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SPACE TECHNOLOGY	43.012	80NSSC20K1524				\$64,875	\$313,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SPACE TECHNOLOGY	43.012	80NSSC20M0172				\$57,068	\$313,043	RESEARCH AND DEVELOPMENT	\$198,251,485
CONTAMINANT ULTRASONIC REMOVAL VIA VIBRATION EJECTION FROM SOLAR CELLS	43.RD	N/A	NATIONAL INSTITUTE OF AEROSPACE	N/A		\$42,255	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
DWARFS IN THE DEEPEST FIELDS AT NOON: STUDYING SIZE AND SHAPE OF LOW-MASS GALAXIES OUT TO 2 ⁻³ IN FIVE HST LEGACY FIELDS	43.RD	HST-AR-15025.023-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-AR-15025.023-A		\$3,384	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
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		\$7,465	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
ULTRAVIOLET SPECTROSCOPY OF THE DUST EXTINCTION IN THE M31 INNER BULGE	43.RD	HST-GO-15164.004-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15164.004-A		\$347	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
ULTRAVIOLET IMAGING OF THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY FIELDS (UVCANDELS)	43.RD	HST-GO-15647.038-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15647.038-A		\$3,100	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
ROBUST AND EFFICIENT HST WEAK LENSING MASS MEASUREMENTS FOR HIGH-Z CLUSTERS: A PILOT STUDY TARGETING THE MOST-MASSIVE SZ CLUSTER KNOWN AT Z 1	43.RD	HST-GO-15883.004-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15883.004-A		\$14,742	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
STTR PHASE 1: AUTONOMOUS ENVIRONMENTAL MONITORING AND MANAGEMENT PLATFORM FOR REMOTE HABITATS	43.RD	80NSSC20C0316	SPEC SENSORS LLC	80NSSC20C0316		\$43,495	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
FREQUENCY SELECTIVE SURFACE-BASED SENSING FOR WIRELESS STRUCTURAL HEALTH MONITORING (T12.01 ADVANCED STRUCTURAL HEALTH MONITORING STTR PHASE II)	43.RD	301330G-500-01-SC1755	TEXAS RESEARCH INSTITUTE AT AUSTIN	301330G-500-01-SC1755		\$94,632	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
HAWC+ OBSERVATIONS OF PLANCK-SELECTED 550 M PEAKERS	43.RD	08-0053	UNIVERSITY SPACE RESEARCH ASSOCIATION	08-0053		\$11,556	\$220,976	RESEARCH AND DEVELOPMENT	\$198,251,485
CABLE ROBOT SIMULATION	43.U01	N/A				\$91	\$91	N/A	\$0
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION						\$229,153	\$1,596,578		
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES									
PROMOTION OF THE ARTS, GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	1854899-54-19				\$7,231	\$97,070	N/A	\$0
PROMOTION OF THE ARTS, GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	1861133-55-20				\$40,000	\$97,070	N/A	\$0
COVID-19 - PROMOTION OF THE ARTS, GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	COVID-19 - 1881432-95-20				\$49,839	\$97,070	N/A	\$0
PROMOTION OF THE ARTS, PARTNERSHIP AGREEMENTS	45.025		MISSOURI ARTS COUNCIL	2021-2978		\$25,000	\$25,000	N/A	\$0
COVID-TRAIL OF TEARS ONLINE EXHIBIT AT MISSOURI S&T	45.126		MISSOURI HUMANITIES COUNCIL	CHECK NUMBER: 33630		\$4,787	\$4,787	N/A	\$0
PROMOTION OF THE HUMANITIES, FEDERAL/STATE PARTNERSHIP	45.129		MISSOURI HUMANITIES COUNCIL	2288		\$3,000	\$11,800	N/A	\$0
COVID-19 - PROMOTION OF THE HUMANITIES, FEDERAL/STATE PARTNERSHIP	45.129	COVID-19	MISSOURI HUMANITIES COUNCIL	N/A		\$10,000	\$11,800	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
PROMOTION OF THE HUMANITIES, FEDERAL/STATE PARTNERSHIP	45.129		MISSOURI HUMANITIES COUNCIL	2365		-\$1,200	\$11,800	RESEARCH AND DEVELOPMENT	\$198,251,485
PROMOTION OF THE HUMANITIES, RESEARCH	45.161	RQ-255691-17				\$15,615	\$78,374	RESEARCH AND DEVELOPMENT	\$198,251,485
PROMOTION OF THE HUMANITIES, RESEARCH	45.161	RQ-271255-20			\$39,990	\$53,740	\$78,374	RESEARCH AND DEVELOPMENT	\$198,251,485
PROMOTION OF THE HUMANITIES, RESEARCH	45.161		ARCHAEOLOGICAL INSTITUTE OF AMERICA	RI-269493-19		\$9,019	\$78,374	RESEARCH AND DEVELOPMENT	\$198,251,485
PROMOTION OF THE HUMANITIES, PROFESSIONAL DEVELOPMENT	45.163	BH-267146-19				\$79,585	\$79,585	N/A	\$0
PROMOTION OF THE HUMANITIES, PUBLIC PROGRAMS	45.164	GI-264508-19			\$86,863	\$93,912	\$93,912	N/A	\$0
PROMOTION OF THE HUMANITIES, OFFICE OF DIGITAL HUMANITIES	45.169	HAA-271735-20				\$66,932	\$110,395	RESEARCH AND DEVELOPMENT	\$198,251,485
PROMOTION OF THE HUMANITIES, OFFICE OF DIGITAL HUMANITIES	45.169	HAA-271747-20				\$43,463	\$110,395	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL LEADERSHIP GRANTS	45.312	LG-97-17-0183-17				\$1,552	\$35,664	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL LEADERSHIP GRANTS	45.312		UNIVERSITY OF KENTUCKY	3200003600-21-094		\$34,112	\$35,664	RESEARCH AND DEVELOPMENT	\$198,251,485
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	RE-17-19-0022-19				\$169,512	\$218,740	N/A	\$0
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	RE-246339-OLS-20				\$49,228	\$218,740	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES						\$126,853	\$755,327		
NATIONAL SCIENCE FOUNDATION									
ENGINEERING	47.041	1606036				\$11,404	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1844603				\$992	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1903716				\$85,000	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1933861				\$124,807	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1464504				-\$1,661	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2024429				\$16,228	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1609642				\$42,343	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2026847				\$112,736	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1609470				\$6,346	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1610396				\$70,702	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1646162			\$161,557	\$222,431	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1707588				\$60,862	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1917630			\$41,526	\$87,318	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1947410				\$80,562	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2026357			\$57,658	\$71,408	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2027571				\$58,831	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2028992				\$55,951	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2064637				\$41,894	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1801666				\$19,524	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1926480				\$69,849	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1937128				\$31,675	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1702841				\$81,696	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1743992				\$1,822	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1802049				\$39,409	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1803812				\$56,003	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1901578				\$91,326	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1932965				\$34,577	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1933457				\$1,624	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2015217				\$515	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2019350				\$19,372	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2033790				\$42,698	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2034198				\$61,150	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1538415				\$62,115	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1563029				\$40,975	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1625736				\$133,573	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1635256				-\$1,685	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1651538				\$68,686	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1661609				\$67,663	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1662284				\$99,096	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1662897				\$40,575	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1760915				\$38,571	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1761697				\$29,000	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1825352				\$106,790	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1843892				\$100,168	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1846673				\$2,597	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1901740				\$72,087	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1902069			\$45,748	\$121,018	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1917055			\$52,658	\$77,832	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1930873				\$41,264	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1930881				\$102,948	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1932690				\$167,678	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1952013				\$71,766	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2018768				\$571,640	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
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 Fiscal Period 7/1/2020 - 6/30/2021

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ENGINEERING	47.041	2045101				\$11,337	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2045786				\$7,825	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2045881				\$22,866	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1440110				\$1,296	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1547949				\$44,091	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1916535				\$138,143	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1929292				\$3,399	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1940870				\$343	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2022602				\$31,081	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	2044726				\$43,359	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041	1827846				\$12,147	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		BOISE STATE UNIVERSITY	8437-PO125243		\$781	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		CROSTALK LLC	0101		\$84,125	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		EDEN GEOTECH COMPANY	1951212		\$17,522	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		IMPEDX DIAGNOSTICS	N/A		-\$30,062	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		INFECO SCIENTIFIC LLC	N/A		\$50,511	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		LINCOLN UNIVERSITY	2019-8253-MS&T		\$29,622	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		LIQUID CARBONIC LLC	N/A		\$45,947	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		PLASTOMICS INC	N/A		\$62,000	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		RESEARCH FOUNDATION OF SUNY	87162 /2/1159175		\$110,898	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		RUTGERS UNIVERSITY	0002					
ENGINEERING	47.041		RUTGERS UNIVERSITY	SUBAWARD NO. 2, PO711356		\$363,019	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		TUFTS UNIVERSITY	100854-00001		\$4,982,297	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		UNIVERSITY OF CONNETICUT	423509		\$112,580	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
ENGINEERING	47.041		WORCESTER POLYTECHNIC INSTITUTE	16-204140-01		-\$753	\$4,982,125	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1362431				\$6,216	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1554776				\$197,224	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1609061				-\$51	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1722647				\$7,341	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1800350				\$88,409	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1800578				\$112,780	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1818642				\$29,770	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1828489				\$87,547	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2009910				\$27,583	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2054068				\$22,845	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1566246				\$3,142	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1566442				\$79,781	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1710594				\$6,019	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1764437				\$114,250	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1808672				\$123,833	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1841346				\$4	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1856522							
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955239			\$28,230	\$118,257	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955289				\$131,363	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955289				\$141,971	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1955773				\$35,144	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2003986				\$38,094	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2019072			\$16,543	\$206,051	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1464111				\$8,997	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1552871				\$65,394	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1709792				\$31,392	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1710313				\$117,946	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1729227				\$192,647	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1729779				\$189,382	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1742086				\$183,937	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1757936				\$50,300	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1807263				\$75,068	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1809128				\$173,426	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1809160				\$138,328	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1810922				\$100,267	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1905442				\$25,793	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2028803				\$176,999	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1615789				-\$5,525	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1664047				\$16,739	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1700036				-\$2,568	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1700046				\$21,580	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1811745				\$90,772	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1812436				\$53,901	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1853222				\$44,943	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1906725				\$130,762	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1912715				\$72,241	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1913293				\$64,509	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1953177				\$21,094	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2000048				\$90,671	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2054394				\$15,379	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1812946				\$6,809	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1816411				\$67,581	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1703109				\$27,315	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1710856				\$31,066	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1921006				\$109,437	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2011307				\$58,342	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	2011334				\$24,750	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	1827180				\$48,477	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF NORTHERN COLORADO	000035-001.00		\$29,649	\$4,179,844	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1714749				\$77,457	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1801598				\$84,393	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1830644				\$31,312	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1927715				\$1,878	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1940192				\$54,414	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	2021262				\$15,164	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1519980				\$14,481	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1620591				\$2,517	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1631684				\$13,792	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1650745				\$72,115	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1652351				\$125,694	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1714875				\$40,333	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1838376				\$42,618	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1917031				\$127,334	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1935290				\$12,412	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	1944552				\$72,181	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	2013656				\$17,738	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	2038179				\$178	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050	2049415				\$5,042	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
GEOSCIENCES	47.050		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	FY2015-091		\$5,790	\$816,843	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1553548				\$84,112	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1827177			\$48,669	\$159,063	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1951971			\$3,929	\$39,213	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2006816				\$32,315	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2034247				\$78,637	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2043981				\$19,516	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1461914				\$87,066	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1545037				\$49,601	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1545050				\$8,099	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1647182				\$152,784	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1647213				\$-26,645	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1747751				\$192,805	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1818942				\$63,178	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1837472				\$296,315	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1852554				\$-3,750	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1855391				\$40,664	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1909520				\$128,777	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1935076			\$30,754	\$183,400	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1950873				\$151,640	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1954327				\$100,862	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2008878				\$10,528	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2016822				\$6,209	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2018850				\$100,000	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2026324				\$48,211	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2027398				\$23,506	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2044013				\$3,871	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1617443				\$80,666	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1725755				\$21,667	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1814797				\$56,351	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1900924				\$37,648	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1763246				\$96,407	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1948117				\$81,998	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	2027891				\$223,675	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1730655			\$7,917	\$103,370	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1919789				\$133,273	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	1925681			\$177,653	\$253,703	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		IOWA STATE UNIVERSITY	022813A		\$31,687	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY OF MASSACHUSETTS	20-015757-A-00		\$17,872	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		US IGNITE	CNS-2044448					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		US IGNITE	TASK ORDER #1		\$20,150	\$3,188,444	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1339198				\$284,035	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
BIOLOGICAL SCIENCES	47.074	1359593			\$7,324	\$22,237	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1408736				\$106	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1444448				\$557,098	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1545780				\$173,087	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1557806				\$100,277	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1638550				\$62,151	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1715534				\$54,416	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1716688			\$56,747	\$58,826	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1755175				\$15,471	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1659831				\$12,292	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1759896			\$3,991	\$185,803	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1759934				\$127,956	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	2018532				\$49,637	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1355151				\$1,652	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1638972				\$37,462	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1754802				\$108,291	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1802400			\$22,336	\$26,137	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1940624			\$35,756	\$72,400	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1818298				\$121,182	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1818312			\$80,598	\$311,138	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1936590				-\$3,412	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1940655				\$4,611	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	2030473				\$136,304	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	2047115				\$1,681	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1456023				\$15,941	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1456256			-\$1,901	-\$1,901	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1546873			\$180,769	\$307,027	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1557801				\$26,856	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1639618				-\$40,870	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1654866				\$105,026	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1734145			\$240,087	\$735,837	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1743594				-\$3,109	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1754201			\$28,884	\$167,180	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1758843				\$147,557	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1826803				\$122,513	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1829365			\$189,293	\$524,224	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1856093				\$81,849	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1932639				\$26,983	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	1936492				\$362,544	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	2110017				\$12,039	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074	2128484				\$5,975	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
			CARY INSTITUTE OF ECOSYSTEM STUDIES	3392/200201970		\$2,191	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		IOWA STATE UNIVERSITY	420-41-14B		-\$60	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		OHIO STATE UNIVERSITY	GR120573		\$1,552	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		ST LOUIS UNIVERSITY	ERS# 39493					
BIOLOGICAL SCIENCES	47.074		ST LOUIS UNIVERSITY	ERS# 44521		\$31,337	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF FLORIDA	SUB00002414		\$28,577	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF GEORGIA	SUB00000817		\$112,030	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF MINNESOTA	H004551101		\$13,662	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOLOGICAL SCIENCES	47.074		WASHINGTON STATE UNIVERSITY	139500 G004262		\$4,938	\$5,777,978	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1515709				\$8,872	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1515992				\$65,265	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1919475				\$199	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1853096				\$127,442	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1919515				\$257	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1921312				\$1	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2020707				\$119,539	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1355750				\$34	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1912776				\$42,234	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2017920				\$32,082	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2031703				\$112,303	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1733990			\$193	\$33,430	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	1953798				-\$461	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	2021600			\$49,357	\$105,424	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		RUTGERS UNIVERSITY	1129		\$34,422	\$681,043	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1414438				\$129,317	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1430614				\$24	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1540848				\$82,293	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1659133				\$436,568	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1725660			\$81,884	\$249,866	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1721025				\$49,101	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1852822			\$56,844	\$150,890	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1920546				\$45,840	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
EDUCATION AND HUMAN RESOURCES	47.076	1945995				\$46,505	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2000607				\$89,043	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2009127				\$52,400	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2010260				\$98,903	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2010312				\$173,491	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2017743				\$63,200	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2020709			\$14,964	\$64,147	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	2025270				\$7,082	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1842485				\$146,403	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1946619				\$96,532	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1906795				\$76,514	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1742523			\$2,633	\$147,908	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1836857				\$69,513	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1914771				\$537,311	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1930221				\$48,027	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076	1930402			\$11,326	\$109,711	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		BOISE STATE UNIVERSITY	8151-PO136864		\$37,298	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		HARRIS STOWE STATE COLLEGE	1619639					
EDUCATION AND HUMAN RESOURCES	47.076		HARRIS STOWE STATE COLLEGE	N/A		\$266,620	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		JOHNSON COUNTY COMMUNITY COLLEGE	C20-043-00		\$12,482	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		LINCOLN UNIVERSITY	2021-8262		\$13,303	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		NORTHERN ARIZONA UNIVERSITY	1004670-03		\$7,512	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL	5116677		\$12,599	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION AND HUMAN RESOURCES	47.076		UNIVERSITY OF NEVADA, LAS VEGAS	19-GR09294-00		\$27,498	\$3,347,901	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	1355406				-\$164		RESEARCH AND DEVELOPMENT	\$198,251,485
INTEGRATIVE ACTIVITIES	47.083	1355406				\$39,900	\$695,904	RESEARCH AND DEVELOPMENT	\$198,251,485
INTEGRATIVE ACTIVITIES	47.083	1810732			\$195,334	\$656,004	\$695,904	RESEARCH AND DEVELOPMENT	\$198,251,485
IPA FOR DR. MEHDI FERDOWSI WITH THE NATIONAL SCIENCE FOUNDATION	47.RD	2045406				\$159,179	\$528,120	RESEARCH AND DEVELOPMENT	\$198,251,485
IPA FOR DR. DONALD WUNSCH WITH THE NATIONAL SCIENCE FOUNDATION	47.RD	2125989				\$98,751	\$528,120	RESEARCH AND DEVELOPMENT	\$198,251,485
INTERGOVERNMENTAL PERSONNEL ACT ASSIGNMENT: SHUBRA GANGOPADHYAY, PROGRAM DIRECTOR IN THE COMMUNICATIONS, CIRCUITS, AND SENSING SYSTEMS PROGRAM	47.RD	1650301				\$55,481	\$528,120	RESEARCH AND DEVELOPMENT	\$198,251,485
IPA ASSIGNMENT FOR DR. ROBERT LANDERS TO NSF CMMI	47.RD	1853148	MISSOURI TECHNOLOGY CORPORATION	2017-23-019		\$210,683	\$528,120	RESEARCH AND DEVELOPMENT	\$198,251,485
EXPANDING THE STATEWIDE I-CORPS SITE PROGRAM	47.RD	2017-23-019				\$4,026	\$528,120	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL NATIONAL SCIENCE FOUNDATION						\$2,339,882	\$24,198,038		
SMALL BUSINESS ADMINISTRATION									
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ19B0024				\$99	\$4,888,538	N/A	\$0
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ20B0003			\$1,066,066	\$1,766,360	\$4,888,538	N/A	\$0
COVID-19 - SMALL BUSINESS DEVELOPMENT CENTERS	59.037	COVID-19 - SBAHQ20C0032				\$22,222	\$2,451,913	\$4,888,538	N/A
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	SBAHQ21B0082				\$242,564	\$662,168	\$4,888,538	N/A
SMALL BUSINESS DEVELOPMENT CENTERS	59.037	DEPARTMENT GUARANTEE				\$7,998	\$4,888,538	N/A	\$0
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058	SBAHQ19G0019				\$57,329	\$57,329	N/A	\$0
TOTAL SMALL BUSINESS ADMINISTRATION						\$1,330,852	\$4,945,867		
DEPARTMENT OF VETERANS AFFAIRS									
POSTTRAUMATIC STRESS DISORDER AND TRAUMATIC BRAIN INJURY IN WOMEN SURVIVORS OF INTIMATE PARTNER VIOLENCE	64.RD	36C24118C0076				\$279,558	\$1,664,652	RESEARCH AND DEVELOPMENT	\$198,251,485
DEPT. OF VETERANS AFFAIRS CONTRACT	64.RD	36C26319C0108				\$28,702	\$1,664,652	RESEARCH AND DEVELOPMENT	\$198,251,485
OPEN-FIELD BLAST CORE FACILITY OBLIGATION #589-C18051	64.RD	OBLIGATION# 589-C18051				\$145,193	\$1,664,652	RESEARCH AND DEVELOPMENT	\$198,251,485
IPA AGREEMENTS	64.RD	N/A				\$1,097,339	\$1,664,652	RESEARCH AND DEVELOPMENT	\$198,251,485
THE NURSE RESIDENCY EXPANSION INITIATIVE	64.RD	N/A				\$88,742	\$1,664,652	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVIANT SYNCHRONIZATION OF NEURAL FUNCTION IN SCHIZOPHRENIA	64.RD	N/A	MINNEAPOLIS VA HEALTH CARE SYSTEM	N/A		\$25,118	\$1,664,652	RESEARCH AND DEVELOPMENT	\$198,251,485
PHAGE DISPLAY FOR IMPROVED PEPTIDE-BASED TUMOR TARGETING AND IMAGING AGENTS	64.U01	N/A				\$8,655	\$8,655	N/A	\$0
IPA AGREEMENT FOR HEKMAT KHOUKAZ	64.U02	N/A				\$8,048	\$8,048	N/A	\$0
TOTAL DEPARTMENT OF VETERANS AFFAIRS									
						\$1,681,355			
ENVIRONMENTAL PROTECTION AGENCY									

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G19-NPS-06 G19-NPS-14 G19-NPS-15 G20-NPS-02		\$398,642	\$538,156	N/A	\$0
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		SCHUYLER COUNTY SOIL & WATER CONSERVATION DISTRICT	N/A		\$3,193	\$538,156	N/A	\$0
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G20-NPS-02 G21-NPS-01		\$136,321	\$538,156	RESEARCH AND DEVELOPMENT	\$198,251,485
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	97770401				\$73,014	\$204,102	RESEARCH AND DEVELOPMENT	\$198,251,485
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	CD97757801				\$19,204	\$204,102	RESEARCH AND DEVELOPMENT	\$198,251,485
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	CD97763201				\$111,884	\$204,102	RESEARCH AND DEVELOPMENT	\$198,251,485
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468		MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		\$9,659	\$9,659	DRINKING WATER STATE REVOLVING FUND CLUSTER	\$9,659
PERFORMANCE PARTNERSHIP GRANTS	66.605		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$29,981	\$29,981	N/A	\$0
RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, TRAINING, DEMONSTRATIONS, AND STUDIES	66.716		EXTENSION FOUNDATION	SA-2020-37		\$19,000	\$22,792	N/A	\$0
RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, TRAINING, DEMONSTRATIONS, AND STUDIES	66.716		EXTENSION FOUNDATION	SA-2021-56		\$3,792	\$22,792	RESEARCH AND DEVELOPMENT	\$198,251,485
SOLID WASTE MANAGEMENT ASSISTANCE GRANTS	66.808	97786301				\$2,106	\$2,106	RESEARCH AND DEVELOPMENT	\$198,251,485
WA 4-34 LOW-BROMIDE ANALYSIS	66.RD	MS&T-20-001	PEGASUS TECHNICAL SERVICES INC	MS&T-20-001		\$22,481	\$55,238	RESEARCH AND DEVELOPMENT	\$198,251,485
WA 5-30, SUPPORT FOR MATERIAL CHARACTERIZATION AND ANALYSIS FOR EMERGING MATERIALS RESEARCH	66.RD	MS&T-21-001	PEGASUS TECHNICAL SERVICES INC	MS&T-21-001		\$11,257	\$55,238	RESEARCH AND DEVELOPMENT	\$198,251,485
MOLECULAR INTERNAL EXPOSURE INDICATORS RESEARCH	66.RD	UMO-20-001	PEGASUS TECHNICAL SERVICES INC	UMO-20-001		\$21,500	\$55,238	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL ENVIRONMENTAL PROTECTION AGENCY							\$862,034		
NUCLEAR REGULATORY COMMISSION									
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310019M0035				\$4,500	\$509,798	N/A	\$0
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	NRC-HQ-84-15-G-0036				\$18,738	\$509,798	N/A	\$0
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310018M0044				\$144,412	\$509,798	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310019M0018				\$97,860	\$509,798	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310019M0030				\$86,090	\$509,798	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310021M0014				\$50,000	\$509,798	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	31310021M0040				\$21,518	\$509,798	RESEARCH AND DEVELOPMENT	\$198,251,485
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008	NRC-HQ-84-14-G-0031				\$86,680	\$509,798	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL NUCLEAR REGULATORY COMMISSION							\$509,798		
DEPARTMENT OF ENERGY									
STATE ENERGY PROGRAM	81.041		MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	DE-EE0007480-320-P		\$3,629	\$3,629	N/A	\$0
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0007808				\$37,762	\$3,310,797	N/A	\$0
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-FG02-00ER45818				\$27,653	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-FG02-05ER46203				\$83,811	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-FG02-08ER46518				\$215,949	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0014461				\$163,984	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0017130				\$70,913	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0018222			\$84,807	\$243,198	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0018662			\$72,015	\$140,987	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019109				\$82,599	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019114				\$180,064	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019218				\$184,194	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0019740				\$93,728	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020159			\$88,080	\$289,434	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020292				\$104,076	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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 SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0020346			\$229,016	\$488,290	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0021256				\$9,943	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0021273				\$142,420	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DE-SC0021644				\$42,759	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0014174				\$10,808	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0017130				-\$4,517	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SC0018222			\$20,371	\$20,371	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		COLD SPRING HARBOR LAB COLD SPRING HARBOR LAB COLD SPRING HARBOR LAB	51850213 51850313 51850413		\$109,716	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		DONALD DANFORTH PLAN SCIENCE CENTER DONALD DANFORTH PLAN SCIENCE CENTER	22915-M 23410-M		\$207,540	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		GEORGIA INSTITUTE OF TECHNOLOGY	AWD-001604-G1		\$29,676	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PHDS COMPANY	N/A		\$44,615	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF MINNESOTA UNIVERSITY OF TEXAS AUSTIN UNIVERSITY OF TEXAS AUSTIN	H007829701 UTA15-001186 UTA20-001010		\$4,935	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$285,889	\$3,310,797	RESEARCH AND DEVELOPMENT	\$198,251,485
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DE-EE0008449			\$108,830	\$427,822	\$1,191,516	RESEARCH AND DEVELOPMENT	\$198,251,485
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	DE-EE0009119				\$335,472	\$1,191,516	RESEARCH AND DEVELOPMENT	\$198,251,485
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	EE0007282			\$186,285	\$341,419	\$1,191,516	RESEARCH AND DEVELOPMENT	\$198,251,485
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		METROPOLITAN ENERGY CENTER WORCHESTER POLYTECHNIC INSTITUTE	PO S-EVST06 10685-GR		\$27,225	\$1,191,516	RESEARCH AND DEVELOPMENT	\$198,251,485
CONSERVATION RESEARCH AND DEVELOPMENT	81.086					\$59,578	\$1,191,516	RESEARCH AND DEVELOPMENT	\$198,251,485
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DE-EE0008781			\$329,160	\$546,583	\$1,110,822	RESEARCH AND DEVELOPMENT	\$198,251,485
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DE-EE0009250			\$7,364	\$423,238	\$1,110,822	RESEARCH AND DEVELOPMENT	\$198,251,485
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		ARCELORMITTAL	4550 G WA302		\$141,001	\$1,110,822	RESEARCH AND DEVELOPMENT	\$198,251,485
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		ECHOGEN INC	N/A		\$23,616	\$545,385	N/A	\$0
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	DE-FE0031645				\$85,223	\$545,385	RESEARCH AND DEVELOPMENT	\$198,251,485
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		GAS TECHNOLOGY INSTITUTE MISSOURI STATE UNIVERSITY MISSOURI STATE UNIVERSITY	5733-22166 18018-1 / DE-FE0031554 18018-2		\$95,874	\$545,385	RESEARCH AND DEVELOPMENT	\$198,251,485
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		MINNESOTA INSTITUTE OF MINING AND TECHNOLOGY	N/A		\$21,877	\$545,385	RESEARCH AND DEVELOPMENT	\$198,251,485
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		UNIVERSITY OF ALASKA UNIVERSITY OF KANSAS	PO528935 - UAF19-0013 FY2019-081		\$68,246 \$37,259	\$545,385 \$545,385	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$198,251,485 \$198,251,485
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		UNIVERSITY OF LOUISIANA AT LAFAYETTE	330135-01		\$62,566	\$545,385	RESEARCH AND DEVELOPMENT	\$198,251,485
ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL ANALYSIS/ASSISTANCE	81.117	DE-EE0007723			\$85,952	\$370,394	\$370,394	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0000118				\$75,248	\$872,883	N/A	\$0
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	NE0000123				\$40,745	\$872,883	N/A	\$0
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0008702				\$72,303	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0008725				\$228,110	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0008753			\$41,123	\$147,309	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	DE-NE0008968			\$17,084	\$59,530	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	NE0008666				\$135,315	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		AUBURN UNIVERSITY	20-ENG-211752-UMO		\$30,609	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		IDAHO STATE UNIVERSITY	16-0226A		\$39,620	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		OHIO STATE UNIVERSITY	60067834		\$44,094	\$872,883	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0000874			\$459,328	\$938,221	\$2,095,028	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001125			\$25,230	\$456,153	\$2,095,028	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DE-AR0001213				\$179,150	\$2,095,028	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		GAS TECHNOLOGY INSTITUTE UNIVERSITY OF CALIFORNIA LOS ANGELES	22144 0121 G XA098		\$31,058	\$2,095,028	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		UNIVERSITY OF FLORIDA	UFDS00012000		\$437,794	\$2,095,028	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	099564-17874-00		\$11,896	\$2,095,028	RESEARCH AND DEVELOPMENT	\$198,251,485
BLAST RESISTANT WINDOWS AND STRUCTURES	81.RD	US001-0000761395				\$982,378	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485

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 Fiscal Period 7/1/2020 - 6/30/2021

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HIGHLY DISPERSED METAL NANOPARTICLES PREPARED BY ATOMIC LAYER DEPOSITION FOR EFFICIENT CATALYTIC PROCESSES	81.RD	244447	BATTELLE ENERGY ALLIANCE LLC	244447		\$3,984	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
PREDICTING THE PERFORMANCE AND IMPACT OF DYNAMIC PFC SURFACES	81.RD	4000159698	BATTELLE OAK RIDGE NATIONAL LAB	4000159698		\$90,622	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
GAS-FIRED BINARY-FLUID SORPTION-ASSISTED EJECTOR HEAT PUMP	81.RD	4000180900	BATTELLE OAK RIDGE NATIONAL LAB	4000180900		\$209,632	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
TECHNICAL SUPPORT FOR ADVANCED ENGINEERING ANALYSIS TOOLS, SUCH AS COMPUTATIONAL FLUID DYNAMICS (CFD)	81.RD	SUBCONTRACT #4000181794	BATTELLE OAK RIDGE NATIONAL LAB	SUBCONTRACT #4000181794		\$6,866	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ECO-FRIENDLY QUANTUM DOT COATING FOR RADIATION CONTAMINATION	81.RD	4300156797	CONSOLIDATED NUCLEAR SECURITY LLC	4300156797		\$45,563	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVELOPMENT TASK FOR ECO-FRIENDLY QUANTUM DOT COATINGS	81.RD	4300167699	CONSOLIDATED NUCLEAR SECURITY LLC	4300167699		\$20,504	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
MULTISCALE MODELING OF CORROSION AND OXIDATION PERFORMANCE AND THEIR IMPACT ON HIGH-TEMPERATURE FATIGUE OF AUTOMOTIVE EXHAUST MANIFOLD COMPONENTS	81.RD	AGC-RQ19-126R05	FORD MOTOR COMPANY	AGC-RQ19-126R05		\$172,730	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
SUMMER RESEARCH EXPERIENCE IN ADDITIVE MANUFACTURING	81.RD	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$36,713	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
METAL ADDITIVE MANUFACTURING MATERIALS ANALYSIS FOR MISSOURI S&T	81.RD	N000285533	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000285533		\$9,816	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
MILLIMETER WAVE IMAGING	81.RD	N000291599	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000291599		\$7,452	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
FREQUENCY RESPONSE INSPECTION OF AM PARTS	81.RD	N000293582	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000293582		-\$4,150	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH & DEVELOPMENT LARGE MASS DUAL BORE REVERSIBLE HELICAL ELECTROMAGNETIC LAUNCHER	81.RD	N000293975	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000293975		-\$20,518	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
CYBER-PHYSICAL SYSTEMS SECURITY PROJECT	81.RD	N000295114	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000295114		\$63	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
AM OF ADVANCED CERAMICS	81.RD	N000335752	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000335752		\$111,291	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ULTRA-HIGH TEMPERATURE CERAMICS	81.RD	N000335755	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000335755		\$129,534	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGH G SHOCK AND PROGRAMMABLE POWER SUPPLY	81.RD	N000335865	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000335865		\$119,531	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ADDITIVELY MANUFACTURED METAL CELLULAR STRUCTURES	81.RD	N000335867	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000335867		\$104,643	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ATOMIC LAYER DEPOSITION (ALD) CONFORMAL COAT	81.RD	N000336110	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000336110		\$80,659	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
CYBER PHYSICAL TESTER SECURITY	81.RD	N000336427	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000336427		\$23,042	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
HIPERCO REPLACEMENT	81.RD	N000337270	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000337270		\$78,726	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
RFID-IN PLANT LOCATION TRACKING #704987	81.RD	N000337839	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000337839		\$38,603	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
DIGITAL PROTECTIVE EQUIPMENT	81.RD	N000338298	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000338298		\$62,958	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
VERIFICATION AND VALIDATION OF THERMOFLUID SIMULATION	81.RD	N000338330	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000338330		\$68,636	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH AND SOUNDING ROCKETS	81.RD	N000338372	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000338372		\$27,698	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
NEXT GENERATION CERAMIC MATERIALS	81.RD	N000340984	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000340984		\$38,161	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
FREQUENCY RESPONSE INSPECTION OF AM PARTS	81.RD	N000342832	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000342832		\$27,940	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
GLASS FIBERS	81.RD	N000343581	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000343581		\$36,098	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ADDITIVE MATERIALS EVALUATIONS	81.RD	N000343667	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000343667		\$63,381	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
SENIOR DESIGN: RFID READER AND LOCATOR CART	81.RD	N000351115	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000351115		\$621	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
IN-PLANT TRACKING AND PART DNA	81.RD	N000376125	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000376125		\$28,498	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
VERIFICATION AND VALIDATION OF THERMOFLUID SIMULATION	81.RD	N000376148	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000376148		\$60,862	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
WIRE FED ELECTRON BEAM ADDITIVE MANUFACTURING CONTROL DEVELOPMENT	81.RD	N000377223	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000377223		\$3,080	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
AM OF ADVANCED CERAMICS	81.RD	N000377273	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000377273		\$73,612	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ULTRA-HIGH TEMPERATURE CERAMICS (UHTC)	81.RD	N000377328	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000377328		\$22,361	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGH G SHOCK AND PROGRAMMABLE POWER SUPPLY	81.RD	N000377742	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000377742		\$28,241	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
GLASS FIBERS	81.RD	N000377787	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000377787		\$19,435	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
PDRD-S&T NEXT GENERATION CERAMIC MATERIALS	81.RD	N000380532	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000380532		\$119	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
NEW SOUNDING ROCKET TECH	81.RD	N000380539	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000380539		\$10,726	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
HIPERCO REPLACEMENT	81.RD	N000380555	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000380555		\$13,860	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ATOMIC LAYER DISPOSITION	81.RD	N000380564	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000380564		\$20,993	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
AM IN-SITU MONITORING	81.RD	N000381310	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000381310		\$13,072	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
CHEMISTRY VARIABILITY FOR PERFORMANCE AND LIFECYCLE MODELS	81.RD	N000381326	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000381326		\$32,892	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ADDITIVELY MANUFACTURED METAL CELLULAR STRUCTURES	81.RD	N000381332	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000381332		\$67,459	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
PRINTED GLASS TO METAL SEALS	81.RD	N000384545	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000384545		\$4,638	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
MECHANICAL TESTING OF GLASSFIBERS & CONTROLLED FORCEGAGE	81.RD	N000386185	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000386185		\$21,227	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
PLASMA SPHEROIDIZATION OF COPPER POWDERS	81.RD	N000387438	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000387438		\$21,564	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ADDITIVE MATERIALS EVALUATIONS	81.RD	N000389859	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000389859		\$19,202	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
UNDERSTANDING THE PHYSICS OF LASER POWDER BED FUSION FOR PROCESS PRODUCTIVITY AND PART QUALITY IMPROVEMENT	81.RD	N000397906	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000397906		\$47,856	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
SENIOR DESIGN - ION EXCHANGE GAS	81.RD	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$3,975	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
FIXED FORCE APPLICATION	81.RD	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$1,500	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
DESIGN OF A MIXING VESSEL FOR A RESONANT ACOUSTIC MIXER	81.RD	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$1,500	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
ASSEMBLY METHODS FOR POLYMER AM PARTS	81.RD	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$1,500	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
SENIOR DESIGN: AC POWER MONITOR	81.RD	PO#N000388693	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	PO#N000388693		\$68	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
DATA ANALYTICS FOR ADDITIVE MANUFACTURING (AM)	81.RD	PO6400424189	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	PO6400424189		\$85,475	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVELOPMENT OF HIGH THROUGHPUT MECHANICAL PROPERTIES TESTING	81.RD	234370	IDAHO NATIONAL LABORATORY	234370		\$104,631	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
VALIDATION TESTING OF LLNL ONSITE ENERGETIC MATERIAL TRANSPORTION CONTAINERS	81.RD	8639781	LAWRENCE LIVERMORE NATIONAL LAB	8639781		\$26,281	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
EML MODIFICATION TO C3 LAUNCHER FOR INCREASED VELOCITY	81.RD	250321	MISSION SUPPORT AND TEST SERVICES LLC	250321		\$3,358	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
MISSOURI OZARK AMERIFLUX (MOFLUX) PROJECT PHASE FOUR	81.RD	4000150689	OAK RIDGE NATIONAL LAB	4000150689		\$139,384	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVELOPMENT OF INTEGRATED MULTI-PORT POWER ELECTRONICS	81.RD	4000167159	OAK RIDGE NATIONAL LAB	4000167159		\$27,306	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
NP-MRD: NATURAL PRODUCTS MAGNETIC RESONANCE DATABASE	81.RD	519177	PACIFIC NORTHWEST NATIONAL LAB	519177		\$52,016	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
WASTE FORM DESIGN FOR SALT WASTE STREAMS	81.RD	530371	PACIFIC NORTHWEST NATIONAL LAB	530371		\$4,342	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
THEORETICAL PREDICTION OF NITROGEN DIOXIDE POTENTIAL ENERGY SURFACES AND ABSORPTION SPECTRA	81.RD	1987755	SANDIA NATIONAL LAB	1987755		\$27,545	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
AC-AC DAB EXPLORATORY SST DEVELOPMENT	81.RD	PO# 2259849	SANDIA NATIONAL LAB	PO# 2259849		\$14,649	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
THEORETICAL PREDICTION OF NITROGEN DIOXIDE POTENTIAL ENERGY SURFACES AND ABSORPTION SPECTRA	81.RD	PO#2249097	SANDIA NATIONAL LAB	PO#2249097		\$24,451	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
SANDIA SENIOR DESIGN BONANZA: DESIGN OF A PAYLOAD PROTECTION DEVICE (PPD) FOR AN EGGTOSSER ROCKET	81.RD	PO#2261348	SANDIA NATIONAL LAB	PO#2261348		\$10,907	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
SOLSMART PROGRAM EVALUATION	81.RD	N/A	SOLAR FOUNDATION	N/A	\$32,213	\$107,447	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
HIGH RESOLUTION SIMULATIONS OF PARTICLE ACCELERATION IN SHOCK-DRIVEN MULTIPHASE FLOWS	81.RD	527153	TRIAD NATIONAL SECURITY LLC	527153		\$4,023	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
EMBEDDING DISTRIBUTED FIBER OPTIC SENSORS IN LASER DEPOSITION MODELING METAL ADDITIVE MANUFACTURED COMPONENTS	81.RD	553044	TRIAD NATIONAL SECURITY LLC	553044		\$22,715	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
JOINING OF CERAMIC COMPOSITES FOR NUCLEAR APPLICATIONS	81.RD	S-155-000-001	UES	S-155-000-001		\$73,422	\$3,819,369	RESEARCH AND DEVELOPMENT	\$198,251,485
BERYLLIUM REFLECTOR LIFETIME EXTENSION STUDY	81.U01	7J-30010-0002A	ARGONNE NATIONAL LAB	7J-30010-0002A		\$7,673		N/A	\$0
ARGONNE WORK ORDER #3 BOA 7J-30010	81.U02	7J-30010-0003A	ARGONNE NATIONAL LAB	7J-30010-0003A		\$32,077	\$32,077	N/A	\$0
DESIGN OF A CHARGE MEASUREMENT DEVICE	81.U03	DE-NA0002839	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	DE-NA0002839		\$3,931	\$3,931	N/A	\$0
SP21 SR DESIGN PROJECT-AUTOMATION OF LOCATING MULTIPLE 3D PRINTING NOZZLES	81.U04	N000385916	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N000385916		\$739	\$739	N/A	\$0
MICROSCOPE INSPECTION FIXTURE	81.U05	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$1,402	\$1,402	N/A	\$0
SP20 SR DESIGN: TELEMETRY ROCKET MOTOR DESIGN	81.U06	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		-\$3	-\$3	N/A	\$0
SP20 SR DESIGN: DESIGN OF A STAGE ALIGNMENT VERIFICATION TOOL	81.U07	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$72	\$72	N/A	\$0
SP20 SR DESIGN: GLASS SLUMPING FIXTURE	81.U08	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$931	\$931	N/A	\$0
SP20 SR DESIGN: TELEMETRY ROCKET BODY OPTIMIZATION AND INSTRUMENTATION	81.U09	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$728	\$728	N/A	\$0
SP20 SR DESIGN: DESIGN AND FABRICATE AN ELECTROPERMANENT MAGNET	81.U10	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$687	\$687	N/A	\$0
SP20 SR DESIGN: FIXTURE FOR PRECISE ALIGNMENT OF PHYSICAL MASK	81.U11	N/A	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY	N/A		\$1,000	\$1,000	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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 DEPARTMENT OF ENERGY					\$1,786,858	\$13,369,060			
DEPARTMENT OF EDUCATION									
<i>INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS</i>					<i>N/A</i>				
<i>CIVIL RIGHTS TRAINING AND ADVISORY SERVICES</i>						\$33,945	\$33,945	<i>N/A</i>	\$0
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A192396			-\$344	\$2,365,918	\$2,365,918	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A202394			\$917,705	\$2,365,918	\$2,365,918	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A202395			\$616,599	\$2,365,918	\$2,365,918	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A202396			\$225,151	\$2,365,918	\$2,365,918	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007	P007A202397			\$606,807	\$2,365,918	\$2,365,918	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES</i>						\$418,235	\$418,235	<i>N/A</i>	\$0
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>MIGRANT EDUCATION_STATE GRANT PROGRAM</i>						\$1,439	\$1,439	<i>N/A</i>	\$0
<i>IOWA DEPARTMENT OF EDUCATION</i>					<i>003521</i>				
<i>SPECIAL EDUCATION_GRANTS TO STATES</i>					<i>021420</i>	\$98,807	\$3,182,151	<i>SPECIAL EDUCATION CLUSTER (IDEA)</i>	\$3,182,151
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>SPECIAL EDUCATION_GRANTS TO STATES</i>						\$3,083,344	\$3,182,151	<i>SPECIAL EDUCATION CLUSTER (IDEA)</i>	\$3,182,151
FEDERAL WORK-STUDY PROGRAM	84.033	P033A192394			-\$22	\$2,698,511	\$2,698,511	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL WORK-STUDY PROGRAM	84.033	P033A192395			\$173	\$2,698,511	\$2,698,511	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL WORK-STUDY PROGRAM	84.033	P033A202394			\$1,217,404	\$2,698,511	\$2,698,511	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL WORK-STUDY PROGRAM	84.033	P033A202395			\$687,373	\$2,698,511	\$2,698,511	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL WORK-STUDY PROGRAM	84.033	P033A202396			\$313,418	\$2,698,511	\$2,698,511	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL WORK-STUDY PROGRAM	84.033	P033A202397			\$480,165	\$2,698,511	\$2,698,511	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
PERKINS LOAN PROGRAM	84.038	PERKINS LOAN PROGRAM			\$20,035,966	\$20,035,966	\$20,035,966	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
TRIO_STUDENT SUPPORT SERVICES	84.042	P042A151581			\$63,864	\$689,367	\$689,367	TRIO CLUSTER	\$1,011,764
TRIO_STUDENT SUPPORT SERVICES	84.042	P042A201685			\$577,965	\$689,367	\$689,367	TRIO CLUSTER	\$1,011,764
TRIO_STUDENT SUPPORT SERVICES	84.042	P042A201817			\$47,538	\$689,367	\$689,367	TRIO CLUSTER	\$1,011,764
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>CAREER AND TECHNICAL EDUCATION -- BASIC GRANTS TO STATES</i>						\$28,583	\$28,583	<i>N/A</i>	\$0
FEDERAL PELL GRANT PROGRAM	84.063	P063P190259			\$417,539	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P190260			\$11,729	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P190261			\$874,344	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P195258			\$513,675	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P200259			\$22,811,846	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P200260			\$5,911,944	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P200261			\$11,841,777	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P205258			\$12,482,767	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P210259			\$564,759	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063P210260			\$108,612	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063Q060259			\$25,125	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063Q065258			\$13,935	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063Q080260			\$6,690	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
FEDERAL PELL GRANT PROGRAM	84.063	P063Q100261			\$14,345	\$55,599,087	\$55,599,087	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
<i>DONNELLY COLLEGE</i>					<i>N/A</i>				
<i>MINORITY SCIENCE AND ENGINEERING IMPROVEMENT</i>					<i>P120A170117-18-01</i>	\$27,726	\$27,726	<i>N/A</i>	\$0
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES</i>						\$3,486,066	\$3,486,760	<i>N/A</i>	\$0
<i>MISSOURI DEPARTMENT OF SOCIAL SERVICES</i>					<i>ER101140001</i>	\$694	\$3,486,760	<i>N/A</i>	\$0
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES_NATIONAL PROGRAMS</i>						\$242,679	\$496,403	<i>N/A</i>	\$0
<i>MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION</i>					<i>N/A</i>				
<i>SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES_NATIONAL PROGRAMS</i>						\$253,724	\$496,403	<i>RESEARCH AND DEVELOPMENT</i>	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A150123			\$32,805	\$1,536,449	\$1,536,449	<i>N/A</i>	\$0
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A150208			\$27,921	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A150327			\$55,922	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A160235			\$122,963	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180051			\$202,137	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180061			\$347,060	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180066			\$162,142	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180071			\$223,483	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180090			\$224,611	\$1,536,449	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200	P200A180095				\$137,405	\$1,536,449	RESEARCH AND DEVELOPMENT	\$198,251,485
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217	P217A170201				\$322,397	\$322,397	TRIO CLUSTER	\$1,011,764
FEDERAL DIRECT STUDENT LOANS	84.268	DIRECT STUDENT LOANS				\$339,377,910	\$339,377,910	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION									
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287			N/A		\$514,431	\$514,431	N/A	\$0
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305B150028				\$58,746	\$4,271,575	N/A	\$0
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A150517				\$366,571	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A170180				\$713,253	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A180111			\$47,382	\$185,097	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A180516			\$203,769	\$324,876	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305A200111				\$266,759	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305C190014			\$283,335	\$2,028,175	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	R305H170023				\$791	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
AMERICAN INSTITUTE FOR RESEARCH									
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			0501100002		\$43,937	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
SRI INTERNATIONAL									
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			30755		\$224,037	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL									
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			5114108		\$32,625	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY OF WISCONSIN MADISON									
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			895K624		\$26,708	\$4,271,575	RESEARCH AND DEVELOPMENT	\$198,251,485
MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION									
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323			N/A		\$11,132	\$11,132	N/A	\$0
RESEARCH IN SPECIAL EDUCATION	84.324	R324A190046			\$88,293	\$118,938	\$564,787	RESEARCH AND DEVELOPMENT	\$198,251,485
AMERICAN INSTITUTE FOR RESEARCH									
RESEARCH IN SPECIAL EDUCATION	84.324			048000001		\$255,696	\$564,787	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY OF MINNESOTA									
RESEARCH IN SPECIAL EDUCATION	84.324			A005942802		\$130,627	\$564,787	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL									
RESEARCH IN SPECIAL EDUCATION	84.324			5115068		\$45,851	\$564,787	RESEARCH AND DEVELOPMENT	\$198,251,485
UNIVERSITY OF WISCONSIN MADISON									
RESEARCH IN SPECIAL EDUCATION	84.324			000000255		\$13,675	\$564,787	RESEARCH AND DEVELOPMENT	\$198,251,485
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325D160067				\$190,372	\$609,750	N/A	\$0
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325D190033				\$158,375	\$609,750	N/A	\$0
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	H325K160028				\$261,003	\$609,750	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER ON DEAF-BLINDNESS									
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326			N/A		\$7,455	\$1,125,968	N/A	\$0
UNIVERSITY OF OREGON									
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326			282070K		\$794,358	\$1,125,968	N/A	\$0
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326	H326M170006			\$210,637	\$324,155	\$1,125,968	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335	P335A180302				\$99,991	\$99,991	N/A	\$0
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365	T365Z170135			\$14,310	\$545,519	\$553,034	N/A	\$0
MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION									
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365			N/A		\$7,515	\$553,034	N/A	\$0
MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION									
IMPROVING TEACHER QUALITY STATE GRANTS	84.367			N/A		\$186,314	\$192,875	N/A	\$0
IMPROVING TEACHER QUALITY STATE GRANTS	84.367			93-M003-SEED-EI2019		\$6,561	\$192,875	RESEARCH AND DEVELOPMENT	\$198,251,485
MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION									
STRIVING READERS	84.371			N/A		\$133,273	\$297,394	N/A	\$0
MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION									
STRIVING READERS	84.371			N/A		\$164,121	\$297,394	RESEARCH AND DEVELOPMENT	\$198,251,485
SRI INTERNATIONAL									
SPECIAL EDUCATION_TECHNICAL ASSISTANCE ON STATE DATA COLLECTION	84.373			50697		\$11,451	\$11,451	N/A	\$0
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T200261				\$6,584	\$194,541	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T205258				\$19,761	\$194,541	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T210259				\$15,088	\$194,541	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T210261				\$51,808	\$194,541	STUDENT FINANCIAL ASSISTANCE	\$444,713,927

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

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TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379	P379T215258				\$101,300	\$194,541	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	84.407	P407A150057				\$68,501	\$266,033	N/A	\$0
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	84.407	P407A200051				\$197,532	\$266,033	RESEARCH AND DEVELOPMENT	\$198,251,485
INVESTING IN INNOVATION (I3) FUND	84.411	U411B150005			\$1,740,482	\$1,906,375	\$2,487,974	N/A	\$0
INVESTING IN INNOVATION (I3) FUND	84.411	U411C140081				\$104	\$2,487,974	N/A	\$0
INVESTING IN INNOVATION (I3) FUND	84.411	U411C180114			\$136,031	\$398,570	\$2,487,974	N/A	\$0
			NATIONAL WRITING PROJECT CORP	92-MO03-2018I3C3WP					
			NATIONAL WRITING PROJECT CORP	92-MO03-2019I3C3WP					
			NATIONAL WRITING PROJECT CORP	92-MO03-2020I3C3WP					
INVESTING IN INNOVATION (I3) FUND	84.411				\$10,500	\$100,688	\$2,487,974	N/A	\$0
INVESTING IN INNOVATION (I3) FUND	84.411	S411C200078			\$33,425	\$57,426	\$2,487,974	RESEARCH AND DEVELOPMENT	\$198,251,485
			MORNINGSIDE CENTER FOR TEACHING SOCIAL RESPONSIBILITY	N/A		\$24,811	\$2,487,974	RESEARCH AND DEVELOPMENT	\$198,251,485
INVESTING IN INNOVATION (I3) FUND	84.411								
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423	U423A180058			\$1,847,512	\$2,373,591	\$2,373,591	N/A	\$0
			MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$7,142	\$7,142	N/A	\$0
STUDENT SUPPORT AND ACADEMIC ENRICHMENT PROGRAM	84.424								
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425E202309				\$2,915,113	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425E202464				\$9,362,537	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425E202628				\$4,241,222	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425E202738				\$3,875,126	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425F202712				\$21,952,300	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425F202799				\$18,383,896	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425F203217				\$11,891,447	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425F204124				\$35,088,327	\$107,974,332	N/A	\$0
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19 - P425M200541				\$235,920	\$107,974,332	N/A	\$0
			MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$28,444	\$107,974,332	RESEARCH AND DEVELOPMENT	\$198,251,485
COVID-19 - EDUCATION STABILIZATION FUND	84.425	COVID-19							
			NATIONAL ASSOCIATION OF STATE DIRECTORS OF DEVELOPMENTAL DISABILITIES	N/A		\$3,434	\$3,434	RESEARCH AND DEVELOPMENT	\$198,251,485
NEW EDITIONS EVALUATION WITH NASDDDS 2019-2020	84.RD	N/A							
TOTAL DEPARTMENT OF EDUCATION						\$4,615,676	\$551,860,282		
DEPARTMENT OF HEALTH AND HUMAN SERVICES									
COVID-19 - SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048	COVID-19 - 90NWC30052			\$348,639	\$823,884	\$823,884	N/A	\$0
COMPETITIVE ABSTINENCE EDUCATION (CAE)	93.060	90SR0068-01-00				\$189,198	\$398,633	N/A	\$0
COMPETITIVE ABSTINENCE EDUCATION (CAE)	93.060	90SR013101				\$209,435	\$398,633	N/A	\$0
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC18380007		\$5,823	\$352,640	N/A	\$0
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES						
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES						
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	49691 AOC20380085 DH200047765		\$346,817	\$352,640	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070								
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.070		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0011472N		\$17,311	\$32,291	N/A	\$0
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0001316		\$14,980	\$32,291	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH OF THE RESPONSIBLE CONDUCT OF RESEARCH (RCR)	93.085	1 ORRI190058-01-00				\$39,418	\$39,418	RESEARCH AND DEVELOPMENT	\$198,251,485
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	90FM0080-05			\$459,222	\$644,973	\$1,338,782	N/A	\$0
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	90ZB0020-01-00			\$336,247	\$693,809	\$1,338,782	RESEARCH AND DEVELOPMENT	\$198,251,485
			PREFERRED FAMILY HEALTHCARE	N/A		\$204,232	\$204,232	N/A	\$0
ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088	ASTWH190088			\$57,219	\$257,402	\$257,402	RESEARCH AND DEVELOPMENT	\$198,251,485
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380010		\$84,647	\$84,647	N/A	\$0
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092								
			MISSOURI DEPARTMENT OF AGRICULTURE	N/A		\$131,043	\$253,559	N/A	\$0
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103								
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	R01FD003937			\$56,390	\$71,438	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	U18FD006460				\$28	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	U18FD006670				\$51,349	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103	U18FD006710				\$1,375	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		KANSAS STATE UNIVERSITY	A21-0384-S001		\$3,135	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	AWD-0001663		\$2,292	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		UNIVERSITY OF KANSAS CENTER FOR RESEARCH	TAME		-\$7,101	\$253,559	RESEARCH AND DEVELOPMENT	\$198,251,485
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380016		\$23,228	\$200,182	N/A	\$0
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		SAINT LOUIS MENTAL HEALTH BOARD	20-025SOC 21-116SOC		\$176,954	\$200,182	N/A	\$0
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107		A.T. STILL UNIVERSITY	323-375		\$12,642	\$62,367	N/A	\$0
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107		A.T. STILL UNIVERSITY	324-375		\$49,725	\$62,367	RESEARCH AND DEVELOPMENT	\$198,251,485
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	T73MC00022				\$599,021	\$550,414	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380201		-\$73,309	\$550,414	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		NATIONAL FAMILY VOICES	2020-428		\$7,500	\$550,414	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0012728N		-\$1,931	\$550,414	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		MASSACHUSETTS GENERAL HOSPITAL	226858 226859		\$7,816	\$550,414	RESEARCH AND DEVELOPMENT	\$198,251,485
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0000877		\$11,317	\$550,414	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113	R01ES021007			\$166,592	\$232,067	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113	R01ES022966				\$182,666	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113	R01ES025547			\$4,911	\$251,130	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113	R01ES026200				\$223,108	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113	R21ES031645				\$93,556	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113		BROWN UNIVERSITY	00001602		\$10,359	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ENVIRONMENTAL HEALTH	93.113		GEORGETOWN UNIVERSITY	CON-0011846		\$98,503	\$1,091,389	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE007389			\$224,564	\$936,020	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE022971				\$281,956	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE024732			\$94,299	\$184,269	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027049				\$356,715	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027879			\$35,850	\$548,925	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE027884				\$506,196	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121	R01DE029833			\$1,136	\$65,454	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	SA0000680		\$39,496	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
ORAL DISEASES AND DISORDERS RESEARCH	93.121		WASHINGTON UNIVERSITY	WU-17-285		\$127,066	\$3,046,097	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSE ANESTHETIST TRAINEESHIPS	93.124	A22HP31006				\$22,744	\$22,744	N/A	\$0
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127	H33MC31623				\$88,040	\$88,040	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES	AOC19380237 AOC21380050 DH1925A0001		\$159,571	\$295,179	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES	DH210048770 DH210049928		\$42,052	\$295,179	RESEARCH AND DEVELOPMENT	\$198,251,485
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		JOHNS HOPKINS UNIVERSITY	2004039536		\$93,556	\$295,179	RESEARCH AND DEVELOPMENT	\$198,251,485
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049733 KQ200047832		\$93,556	\$295,179	RESEARCH AND DEVELOPMENT	\$198,251,485
COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM	93.137	CPIMP151115			\$39,376	\$178,954	\$454,067	N/A	\$0
COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM	93.137	CPIMP201192				\$243,815	\$454,067	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM	93.137		BOYS AND GIRLS CLUB OF GREATER ST. LOUIS BOYS AND GIRLS CLUB OF GREATER ST. LOUIS	6CPIMP191185-02-02 N/A		\$31,298	\$454,067	N/A	\$0
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS AT CHICAGO UNIVERSITY OF ILLINOIS AT CHICAGO	17460 A17460-01		\$6,687	\$16,450	N/A	\$0
AIDS EDUCATION AND TRAINING CENTERS	93.145		UNIVERSITY OF ILLINOIS SYSTEM UNIVERSITY OF ILLINOIS SYSTEM	17461 17461-01		\$9,763	\$16,450	RESEARCH AND DEVELOPMENT	\$198,251,485
RURAL HEALTH RESEARCH CENTERS	93.155	P13RH33181			\$126,818	\$228,019	\$228,019	N/A	\$0
HUMAN GENOME RESEARCH	93.172		UNIVERSITY OF WASHINGTON	UWSC11331		\$6,796	\$6,796	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R01DC018026				\$52,302	\$291,187	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R15DC016383				\$80,550	\$291,187	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	R21DC016071			-\$3,487	\$20,268	\$291,187	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		ARIZONA STATE UNIVERSITY	ASUB00000119		\$17,892	\$291,187	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		UNIVERSITY HOSPITAL OF BONN	N/A		\$120,175	\$291,187	RESEARCH AND DEVELOPMENT	\$198,251,485
DISABILITIES PREVENTION	93.184		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380008		\$94,347	\$94,347	N/A	\$0
GRADUATE PSYCHOLOGY EDUCATION PROGRAM AND PATIENT NAVIGATOR AND CHRONIC DISEASE PREVENTION PROGRAM	93.191	D40HP33369				\$450,183	\$450,183	N/A	\$0
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	Z1N00033		\$83,907	\$421,671	N/A	\$0
TELEHEALTH PROGRAMS	93.211	H2ARH39974				\$218,148	\$421,671	RESEARCH AND DEVELOPMENT	\$198,251,485
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	Z1N00050		\$106,862	\$421,671	RESEARCH AND DEVELOPMENT	\$198,251,485
TELEHEALTH PROGRAMS	93.211		UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	SP13977-5B11		\$12,754	\$421,671	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213	K01AT009373				\$96,531	\$104,460	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213	R21AT009086				\$7,929	\$104,460	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	R01HS023328			\$7,850	\$51,144	\$262,363	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		COLUMBIA UNIVERSITY	1(GG014728-01		\$149,684	\$262,363	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		RUTGERS UNIVERSITY	1350		\$61,175	\$262,363	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		UNIVERSITY OF PITTSBURGH	0042771(125364-2)		\$360	\$262,363	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL130984				\$472,538	\$1,190,515	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL153523				\$283,419	\$1,190,515	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	R01HL153612				\$434,558	\$1,190,515	RESEARCH AND DEVELOPMENT	\$198,251,485
TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234		MISSOURI DEPARTMENT OF HEALTH & SENIOR SERVICES	AOC19380032	\$16,370	\$90,457	\$90,457	N/A	\$0
AFFORDABLE CARE ACT (ACA) ABSTINENCE EDUCATION PROGRAM	93.235		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380010		\$102,981	\$102,981	N/A	\$0
MENTAL HEALTH RESEARCH GRANTS	93.242		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380004		\$14,271	\$3,118,870	N/A	\$0
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH061469				\$514,853	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH108559			\$521,171	\$747,497	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH113560			\$403,154	\$617,276	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH114722			\$200,938	\$590,217	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242	R01MH122023			\$128,537	\$309,283	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		BRANDEIS UNIVERSITY	403000		\$55,817	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		EXOCYTRONICS LLC	00047734		-\$11	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		FLORIDA STATE UNIVERSITY	R000002511		\$33,371	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		HENRY M JACKSON FOUNDATION FOR THE ADVANCEMENT	4367		\$20,776	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		NEUROLUX INC	N/A		\$10,896	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		QUADRANT BIOSCIENCES INC	1293481860000		\$40,263	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		RAND CORPORATION	SCON-00000032		\$3,412	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	101815C		\$67,821	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF MINNESOTA	N006344501		\$38,933	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL						
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL						
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL	5115584					
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL	5115585					
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL	5119160					
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF NORTH CAROLINA CHAPPEL HILL	5119161		\$37,996	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
MENTAL HEALTH RESEARCH GRANTS	93.242		VIRGINIA COMMONWEALTH UNIVERSITY	FP0006198_SA004		\$3,983	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	WU-19-324		\$12,216	\$3,118,870	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79FG000043				\$115,371	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SP021253				\$100,294	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SP081006			\$105,810	\$443,734	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SP082143				\$127,697	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79TI082547				\$114,538	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79TI083022			\$105,181	\$416,251	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	PROGRAM INCOME				\$169,100	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	UR1TI080205			\$173,525	\$899,382	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		45TH JUDICIAL CIRCUIT OF MISSOURI	N/A		\$51,444	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		9TH JUDICIAL CIRCUIT OF MISSOURI	N/A		\$47,280	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN ACADEMY OF ADDICTION PHYSICIANS	PCSSMAT19-5		\$116,316	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		AMERICAN COLLEGE OF EMERGENCY PHYSICIANS	N/A		\$5,000	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC18380164					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH210049422		\$155,378	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	N/A					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC16380080					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC17380041					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC17380042					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC19380203					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380004					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC20380031					
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380007	\$54,892	\$1,289,175	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MOREHOUSE SCHOOL OF MEDICINE	1001-1		\$22,033	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		NATIONAL COUNCIL FOR BEHAVIORAL HEALTH	2650.0003		\$20,454	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		NATIONAL COUNCIL FOR BEHAVIORAL HEALTH	2650.0003A		\$20,454	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		PREFERRED FAMILY HEALTHCARE	N/A		\$40,130	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		QUEEN OF PEACE CENTER	N/A		\$236,758	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		SAINT LOUIS MENTAL HEALTH BOARD	20-026SOC		\$48,142	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ST. LOUIS COUNTY MISSOURI	3100 HU002		\$40,763	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ST. LOUIS COUNTY MISSOURI	3100 HU902		\$40,763	\$6,314,405	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STANFORD UNIVERSITY	61904509-137362		\$181,391	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORP	TMC-19-TI080208		\$203,035	\$6,314,405	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79FG000313				\$137,373	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	H79SM082871				\$349,150	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	U79SM080025			\$48,901	\$609,806	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		COUNTY OF CALLAWAY	N/A		\$7,400	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A		\$323	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380099		\$35,914	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES, PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		TRUMAN MEDICAL CENTER CORPORATION	TMC-20-TI080208		\$330,773	\$6,314,405	RESEARCH AND DEVELOPMENT	\$198,251,485
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247	T94HP31877				\$240,330	\$240,330	N/A	\$0
FAMILY PLANNING, PERSONNEL TRAINING	93.260	FPTPA006029				\$948,092	\$948,092	N/A	\$0
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264	NURSING FACULTY LOANS				\$3,891,234	\$3,891,234	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	PH200048223		\$32,849	\$32,849	N/A	\$0
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA026177				\$7,002	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA027162				\$34,712	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA027957				\$39,141	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	F31AA027958				\$38,102	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	K23AA026895				\$164,275	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	K25AA024182				\$4,389	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	K99AA025998				-\$16	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	K99AA028306				\$11,171	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA019546				\$616,582	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA021510			\$46,095	\$386,277	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA022108				\$103,603	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA024133				\$70	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA025451				\$500,794	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA027824			\$38,894	\$173,864	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R01AA028175			\$34,257	\$408,260	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R21AA025715			\$20,044	\$140,578	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	R25AA023687				\$68,879	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273	T32AA013526				\$573,445	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273		BROWN UNIVERSITY	00001601		\$22,078	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273		PURDUE UNIVERSITY	11000771-004		\$112,228	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273		UNIVERSITY OF MEMPHIS	A20-0133-S001		\$29,202	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
ALCOHOL RESEARCH PROGRAMS	93.273		WASHINGTON UNIVERSITY	WU-17-150		\$124,117	\$3,558,753	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	R01DA010355				-\$16	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	R01DA038700				\$151,514	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	R01DA048094				\$363,426	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	R03DA042183				\$17,243	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UG3DA048510				\$462,868	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		HENNEPIN HEALTHCARE RESEARCH INSTITUTE	15308-05		\$15,814	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		REAL PREVENTION LLC	N/A		\$8,001	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		RUTGERS UNIVERSITY	1280		\$134,495	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	ZAN00050		\$56,710	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF MARYLAND	R01DA042748		\$22,113	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF UTAH	10042182-01		\$39,815	\$1,271,983	RESEARCH AND DEVELOPMENT	\$198,251,485
CENTERS FOR DISEASE CONTROL AND PREVENTION, INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		WASHINGTON UNIVERSITY	WU-20-19		\$122,749	\$122,749	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	U01HL152410			\$86,105	\$260,552	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R01EB020415				\$52	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R03EB028922				\$93,120	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R21EB025272				\$230,924	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	R21EB026560				\$248,976	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		UNIVERSITY OF PITTSBURGH	AWD00002479 (135218-1)		\$81,515	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		WASHINGTON UNIVERSITY	WU-20-282		\$35,055	\$950,194	RESEARCH AND DEVELOPMENT	\$198,251,485
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	F31MD012751				\$10,680	\$137,835	RESEARCH AND DEVELOPMENT	\$198,251,485
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	R00MD012815				\$91,030	\$137,835	RESEARCH AND DEVELOPMENT	\$198,251,485
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		RAND CORPORATION	SCON-00000079		\$36,125	\$137,835	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310	U01HL152410			\$40,828	\$320,804	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310	R01DK124664			\$36,734	\$244,013	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310	U01GM120673			\$28,564	\$115,128	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310	U42OD027090				\$1,017,898	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310		FLORIDA INTERNATIONAL UNIVERSITY	000284		\$42,317	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC21380079		\$226,395	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310		OREGON HEALTH SCIENCE UNIVERSITY	1012396_UMISSOURI		\$47,463	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310		UNIVERSITY OF FLORIDA UNIVERSITY OF FLORIDA	SUB00002079 SUB00002361		\$50,639	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
TRANS-NIH RESEARCH SUPPORT	93.310		WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	WU-21-214		\$178,705	\$2,243,362	RESEARCH AND DEVELOPMENT	\$198,251,485
DIETARY SUPPLEMENT RESEARCH PROGRAM	93.321	R01EY023219				\$4,794	\$119,040	RESEARCH AND DEVELOPMENT	\$198,251,485
DIETARY SUPPLEMENT RESEARCH PROGRAM	93.321	R01EY030081				-\$20,298	\$119,040	RESEARCH AND DEVELOPMENT	\$198,251,485
DIETARY SUPPLEMENT RESEARCH PROGRAM	93.321	R01EY030747				\$40,800	\$119,040	RESEARCH AND DEVELOPMENT	\$198,251,485
DIETARY SUPPLEMENT RESEARCH PROGRAM	93.321	R01EY031248				\$93,744	\$119,040	RESEARCH AND DEVELOPMENT	\$198,251,485
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC18380151 DH210049712		\$72,126	\$1,106,048	N/A	\$0
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380085 AOC21380080 DH210050259		\$1,033,922	\$1,106,048	RESEARCH AND DEVELOPMENT	\$198,251,485
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	HEALTH PROFESSION LOANS				\$17,111,303	\$18,596,145	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	LOANS FOR DISADVANTAGED STUDENTS				\$1,484,842	\$18,596,145	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	R21TR002277			\$25,967	\$63,499	\$597,597	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	ZPB00016 ZPB00032/AWD-0001802 ZPB00033 ZPB00036	\$102,384	\$168,083	\$597,597	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-333					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-360					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-368					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-389					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-19-429					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-20-451					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-20-506		\$117,891	\$597,597	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-20-519					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-20-521					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-20-531					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-20-536					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-21-0466					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-21-172					
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350		WASHINGTON UNIVERSITY	WU-21-380		\$248,124	\$597,597	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	K01OD019924				\$2,885	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	P40OD011062				\$1,809,235	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R03OD028259				\$135,026	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R21OD027062				\$61,537	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	R24OD011198				\$63,553	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	S10OD026703				\$154,895	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	T32OD011126				\$226,406	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD010918				\$2,048,231	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	U42OD011140				\$2,225,510	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		CRYOCRATE LLC	001					
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		CRYOCRATE LLC	N/A		\$428,682	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
			IOWA STATE UNIVERSITY	022042A		\$1,682	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
			UNIVERSITY OF SOUTHERN CALIFORNIA	92097662		\$50,892	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		VIRGINIA TECH UNIVERSITY	432076-19228		\$51,010	\$7,259,544	RESEARCH AND DEVELOPMENT	\$198,251,485
21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	93.353	U01CA244314	WASHINGTON UNIVERSITY	WU-20-332		\$739,918	\$735,560	RESEARCH AND DEVELOPMENT	\$198,251,485
21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT	93.353		WASHINGTON UNIVERSITY	WU-20-332		-\$4,358	\$735,560	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360		ST. LOUIS ARC	N/A		\$8,207	\$147,313	N/A	\$0
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360	1DSEP190056-01-00				\$120,258	\$147,313	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360		STRATATECH CORPORATION	STRATA2016		\$18,848	\$147,313	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361	R01NR015314				\$59,636	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361	F31NR018574				\$2,344	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361	R01NR016423				\$524,337	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361	R01NR017168			\$25,224	\$689,919	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361	T32NR015426				\$220,013	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361		GEEKS AND NERDS	2019-001		\$85,314	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	8648		-\$2,253	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361		UNIVERSITY OF PENNSYLVANIA	573708		\$20,868	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING RESEARCH	93.361		WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	WU-16-301		\$12	\$1,600,190	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING STUDENT LOANS	93.364	NURSING STUDENT LOANS				\$1,954,615	\$1,954,615	STUDENT FINANCIAL ASSISTANCE	\$444,713,927
SICKLE CELL TREATMENT DEMONSTRATION PROGRAM	93.365		WASHINGTON UNIVERSITY	WU-19-160		\$10,771	\$29,539	N/A	\$0
SICKLE CELL TREATMENT DEMONSTRATION PROGRAM	93.365		WASHINGTON UNIVERSITY	WU-20-191					
SICKLE CELL TREATMENT DEMONSTRATION PROGRAM	93.365		WASHINGTON UNIVERSITY	WU-21-244		\$18,768	\$29,539	RESEARCH AND DEVELOPMENT	\$198,251,485
NATIONAL CENTER FOR RESEARCH RESOURCES	93.389		TEXAS STATE UNIVERSITY	19018-81699-1		\$6,610	\$6,610	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER CAUSE AND PREVENTION RESEARCH	93.393	R01CA203999	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	ZAR00070/AWD-0001742	\$143,195	\$253,993	\$471,162	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF PITTSBURGH	AWD00002637 (135131-1)		\$14,515	\$471,162	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY OF SOUTH CAROLINA	18-3693		\$199,711	\$471,162	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER CAUSE AND PREVENTION RESEARCH	93.393		WASHINGTON UNIVERSITY	WU-20-9		\$1,944	\$471,162	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	1R03CA219337-01A1	MEMORIAL SLOAN-KETTERING INSTITUTE	BD526771		\$999	\$471,162	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		MEMORIAL SLOAN-KETTERING INSTITUTE	BD526771		\$47,149	\$124,184	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		SURGISENSE CORPORATION	N/A		\$76,408	\$124,184	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R01CA190265				\$627	\$124,184	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R01CA208396			\$199,987	-\$15,763	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R01CA214018				\$488,246	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R01CA222293				\$301,810	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R01CA222293			\$67,089	\$358,952	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R01CA231099				\$392,860	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R03CA249487				\$56,698	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395	R15CA224033				\$192,386	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395		ALLIANCE FOR CLINICAL TRIALS IN ONCOLOGY	MO036		\$106,193	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
			CHILDRENS HOSPITAL OF PHILADELPHIA						
			CHILDRENS HOSPITAL OF PHILADELPHIA						
			CHILDRENS HOSPITAL OF PHILADELPHIA						
			CHILDRENS HOSPITAL OF PHILADELPHIA	950080215-12C					
			CHILDRENS HOSPITAL OF PHILADELPHIA	FP00026529_SUB615_01					
			CHILDRENS HOSPITAL OF PHILADELPHIA	FP00026529_SUB89_01					
CANCER TREATMENT RESEARCH	93.395		CHILDRENS HOSPITAL OF PHILADELPHIA	NCORP FP00017458_SUB142		\$52,220	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395		ONCOVIR INC	ONC2014-001		-\$321	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER TREATMENT RESEARCH	93.395		UNIVERSITY OF TEXAS AUSTIN	UTA20-001054		\$8,671	\$1,941,952	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER BIOLOGY RESEARCH	93.396	R21CA249348				\$7,757	\$686,219	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER BIOLOGY RESEARCH	93.396	R33CA228979			\$44,768	\$330,755	\$686,219	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER BIOLOGY RESEARCH	93.396	R37CA241603				\$283,057	\$686,219	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER BIOLOGY RESEARCH	93.396		UNIVERSITY OF GEORGIA	RR571-424/S001502		\$64,650	\$686,219	RESEARCH AND DEVELOPMENT	\$198,251,485
CANCER CENTERS SUPPORT GRANTS	93.397		MEMORIAL SLOAN-KETTERING INSTITUTE	BD518793F		\$5,470	\$5,470	RESEARCH AND DEVELOPMENT	\$198,251,485
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH	93.421		ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	N/A		\$920	\$19,102	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH	93.421		NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRIES	HHSN2612014000041		\$18,182	\$19,102	RESEARCH AND DEVELOPMENT	\$198,251,485
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	AOC19380226		\$18,049	\$59,236	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	AOC18380299 AOC19380241 DH210049053		\$41,187	\$59,236	RESEARCH AND DEVELOPMENT	\$198,251,485
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	90DP0093-04				\$263,425	\$1,071,147	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	90DP0093-05-00				\$797,167	\$1,071,147	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		NATIONAL DISABILITY INSTITUTE	N/A		\$3,600	\$1,071,147	N/A	\$0
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		MEMORIAL HERMANN HEALTH SYSTEMS	20-1801		\$6,955	\$1,071,147	RESEARCH AND DEVELOPMENT	\$198,251,485
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$241,905	\$2,819,807	N/A	\$0
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		\$2,577,902	\$2,819,807	RESEARCH AND DEVELOPMENT	\$198,251,485
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION (WISEWOMAN)	93.436		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH190033001		\$11,898	\$11,898	N/A	\$0
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN)	93.439		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC19380137 AOC19380202	\$53,532	\$172,984	\$172,984	N/A	\$0
COVID19 - PROVIDER RELIEF FUND	93.498	COVID-19 - UMHC				\$19,876,110	\$22,017,687	N/A	\$0
COVID19 - PROVIDER RELIEF FUND	93.498	COVID-19 - UP				\$2,141,577	\$22,017,687	N/A	\$0
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504	H84MC09484				\$95,367	\$95,367	N/A	\$0
PROMOTING SAFE AND STABLE FAMILIES	93.556		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC20380011		\$391,282	\$391,282	N/A	\$0
CHILD SUPPORT ENFORCEMENT RESEARCH	93.564		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380088		\$16,742	\$16,742	RESEARCH AND DEVELOPMENT	\$198,251,485
COMMUNITY SERVICES BLOCK GRANT	93.569		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC20380048	\$8,800	\$188,565	\$322,999	N/A	\$0
COMMUNITY SERVICES BLOCK GRANT	93.569		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380078		\$134,434	\$322,999	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380146 AOC15380293 AOC19380083		\$2,255,553	\$2,289,736	CCDF CLUSTER	\$2,270,128
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	90YE0231			\$22,053	\$34,183	\$2,289,736	RESEARCH AND DEVELOPMENT	\$198,251,485
REFUGEE AND ENTRANT ASSISTANCE, DISCRETIONARY GRANTS	93.576		INTERNATIONAL INSTITUTE OF ST. LOUIS	N/A		\$1,012	\$1,012	N/A	\$0
CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	93.596		MISSOURI DEPARTMENT OF SOCIAL SERVICES	CCF2171721		\$14,575	\$14,575	CCDF CLUSTER	\$2,270,128
HEAD START	93.600	07CD004080-01-00				\$54,712	\$175,569	N/A	\$0
HEAD START	93.600	07CD4026-05-00				\$120,857	\$175,569	N/A	\$0
AFFORDABLE CARE ACT INITIATIVE TO REDUCE AVOIDABLE HOSPITALIZATIONS AMONG NURSING FACILITY RESIDENTS	93.621	1E1CMS331489			\$113,183	\$2,520,278	\$2,520,278	RESEARCH AND DEVELOPMENT	\$198,251,485
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		CTF ILLINOIS	N/A		\$3,000	\$308,962	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		INDIANA GOVERNMENT	CONTRACT #41727		\$71,015	\$308,962	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380081 PGA010-08001 PGA010-20002 PGA010-20003		\$158,216	\$308,962	N/A	\$0
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	PGA010-19001	\$31,091	\$76,731	\$308,962	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNDM0001			\$2,883	\$34,796	\$549,214	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNIQ0007			\$10,721	\$234,651	\$549,214	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	90DNIQ000702			\$34,349	\$203,806	\$549,214	N/A	\$0
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		SELF ADVOCATES BECOMING EMPOWERED	11/17/2016 SABE-SARTAC 20 SABE-SARTAC 2016-2021		\$75,961	\$549,214	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632	90DDUC0037				\$573,519	\$573,519	N/A	\$0
EMERGENCY GRANTS TO ADDRESS MENTAL AND SUBSTANCE USE DISORDERS DURING COVID-19	93.665		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380028		\$50,985	\$50,985	N/A	\$0
CHILD ABUSE AND NEGLECT DISCRETIONARY ACTIVITIES	93.670		MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG271500015 PG271500016		\$71,246	\$71,246	N/A	\$0
MEDICAL STUDENT EDUCATION	93.680	T99HP33557			\$320,161	\$2,748,070	\$4,024,486	N/A	\$0
MEDICAL STUDENT EDUCATION	93.680	T99HP39202				\$1,276,416	\$4,024,486	N/A	\$0
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732	M01HP31366			\$450	\$442,845	\$442,845	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			\$6,603	\$31,162	\$31,162	N/A	\$0
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT FUNDED SOLELY WITH PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.758		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH200048234		-\$3,474	-\$3,474	N/A	\$0
EVIDENCE-BASED FALLS PREVENTION PROGRAMS FINANCED SOLELY BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.761		OASIS INSTITUTE	N/A		\$53,655	\$53,655	N/A	\$0
ALZHEIMER'S DISEASE INITIATIVE: SPECIALIZED SUPPORTIVE SERVICES PROJECT (ADI-SSS) THRU PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.763		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	Z1V00000		\$27,429	\$27,429	RESEARCH AND DEVELOPMENT	\$198,251,485
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI BEHAVIORAL COUNCIL	N/A		\$297,510	\$1,414,643	MEDICAID CLUSTER	\$1,414,643
MEDICAL ASSISTANCE PROGRAM	93.778		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC18380066 AOC20380006 DMH205001		\$1,117,133	\$1,414,643	MEDICAID CLUSTER	\$1,414,643
FLUORIDATION TRAINING AND TECHNICAL ASSISTANCE (RENEWAL)	93.785		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH200048234		\$17,403	\$17,403	N/A	\$0
OPIOID STR	93.788	H79TI083259			\$12,481	\$231,472	\$9,432,027	N/A	\$0
OPIOID STR	93.788		AMERICAN ACADEMY OF ADDICTION PHYSICIANS	SOR-CARE-39 STATES 16-1 STATES 18-1-S2 STATES-16-1 STATES-19-1-S1	\$3,384,880	\$5,710,758	\$9,432,027	N/A	\$0
OPIOID STR	93.788		IOWA STATE UNIVERSITY	SCN-1009584		\$41,400	\$9,432,027	N/A	\$0
OPIOID STR	93.788		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098 AOC19380207 AOC21380034	\$651,298	\$3,350,307	\$9,432,027	N/A	\$0
OPIOID STR	93.788	H79TI083108				\$98,090	\$9,432,027	RESEARCH AND DEVELOPMENT	\$198,251,485
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC11380275		\$68,778	\$68,778	N/A	\$0
HEALTH CAREERS OPPORTUNITY PROGRAM	93.822	D18HP32133				\$762,169	\$762,169	N/A	\$0
SECTION 223 DEMONSTRATION PROGRAMS TO IMPROVE COMMUNITY MENTAL HEALTH SERVICES	93.829		OZARK CENTER	N/A		\$93,748	\$93,748	N/A	\$0
CAPACITY BUILDING ASSISTANCE (CBA) FOR HIGH-IMPACT HIV PREVENTION	93.834	19NU65PS923671			\$151,673	\$413,046	\$504,577	N/A	\$0
CAPACITY BUILDING ASSISTANCE (CBA) FOR HIGH-IMPACT HIV PREVENTION	93.834	NU65PS923671			\$22,227	\$91,531	\$504,577	N/A	\$0
CARDIOVASCULAR DISEASES RESEARCH	93.837	F32HL152558				\$12,881	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	K01HL142944				\$119,713	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	K01HL155232				\$13,238	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	K08HL129074				\$1,857	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	K08HL132012				\$171,874	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

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CARDIOVASCULAR DISEASES RESEARCH	93.837	K99HL141143				\$101	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R00HL129196				\$137,942	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R00HL130339				\$164,460	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R00HL134823			\$78,978	\$184,367	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL088105				\$64,409	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL098602				\$464,694	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL119053				\$181,016	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL122578			\$261,137	\$679,371	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL123302				\$239,848	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL124155				\$63,068	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL126916				\$45,821	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL132836				\$311,476	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL135854				\$370,605	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136292				\$427,710	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136386			\$90,831	\$512,555	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136710				\$447,403	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL136746				\$423,282	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL137769				\$510,676	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL139523			\$303,599	\$579,488	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL141107				\$367,096	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL142133			\$117,364	\$473,458	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL142770				\$914,368	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL147313				\$270,744	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL148196				\$614,572	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL148785			\$26,254	\$277,489	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL151384				\$115,687	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL153264				\$5,142	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R01HL157038				\$65,131	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R37HL041026				\$3	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	R56HL140548				-\$168,541	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837	T32HL110837			\$99,963	\$310,897	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		NANOVA, INC	0050018		\$196,239	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		OHIO STATE UNIVERSITY	60067403		\$6,713	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		REGENCOR INC	N/A		\$685,374	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5016780-SERV					
CARDIOVASCULAR DISEASES RESEARCH	93.837		TUFTS UNIVERSITY	5019305-SERV		\$180,395	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		TULANE UNIVERSITY	TUL-HSC-556694-18/19		\$19,302	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF KENTUCKY	320003608-21-097		\$66,812	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF MINNESOTA	P007129102		\$7,061	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER	417457G/UR FAO GRS10850		\$5,787	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF WASHINGTON	UW5C12212		\$59,218	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		VIRGINIA COMMONWEALTH UNIVERSITY	FP00005893_SA001		\$16,556	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
CARDIOVASCULAR DISEASES RESEARCH	93.837		WASHINGTON UNIVERSITY	WU-18-433		\$135,367	\$10,752,719	RESEARCH AND DEVELOPMENT	\$198,251,485
LUNG DISEASES RESEARCH	93.838		INDIANA UNIVERSITY	IN4687787UMKC		\$5,969	\$666,577	N/A	\$0
LUNG DISEASES RESEARCH	93.838	R01HL128454				\$197,858	\$666,577	RESEARCH AND DEVELOPMENT	\$198,251,485
LUNG DISEASES RESEARCH	93.838	R01HL152288				\$250,062	\$666,577	RESEARCH AND DEVELOPMENT	\$198,251,485
LUNG DISEASES RESEARCH	93.838		INDIANA UNIVERSITY	IN4687787UMKC		\$6,624	\$666,577	RESEARCH AND DEVELOPMENT	\$198,251,485
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA	S00649-01					
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF IOWA	S02089-01		\$203,909	\$666,577	RESEARCH AND DEVELOPMENT	\$198,251,485
LUNG DISEASES RESEARCH	93.838		UNIVERSITY OF VIRGINIA	GB10393 154878		\$2,155	\$666,577	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	K22HL142846				\$101,841	\$202,613	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	K99HL143198				\$100,611	\$202,613	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		OHIO STATE UNIVERSITY	60067293		\$275	\$202,613	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		WASHINGTON UNIVERSITY	WU-18-224-MOD-1		-\$114	\$202,613	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR055927				\$8,988	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR067450				\$98,128	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR070517			\$17,347	\$432,083	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R01AR078045				\$279,787	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R15AR072344				\$98,506	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R21AR075160				\$154,302	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R21AR077813				\$168,868	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	R34AR074209				\$147,750	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		BAYLOR COLLEGE OF MEDICINE	7000001316		\$41,304	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		COLUMBIA UNIVERSITY	1(GG012259)					
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		COLUMBIA UNIVERSITY	1(GG012460)					
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		COLUMBIA UNIVERSITY	1(GG015725)		\$133,538	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		DUKE UNIVERSITY	A03-1070		\$102,048	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		KANSAS STATE UNIVERSITY	A00-0652-S002-A01		\$12,580	\$1,677,882	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6163-1050-00-X		-\$14,504	\$4,075,864	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	DP3DK106921				\$1,246	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	F32DK116608				\$39,850	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	K08DK115886				\$170,126	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK055835			\$10,665	\$425,062	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK101513			\$40,000	\$204,628	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK113701				\$829,811	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK116859				\$561,573	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK123689				\$289,194	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK124329				\$189,768	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R01DK124664			\$22,989	\$364,856	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R21DK116081				\$205,063	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	R56DK115441				\$37,699	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UC4DK096587				\$276,446	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RESS13281					
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RESS14009					
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RESS1448					
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CASE WESTERN UNIVERSITY	RESS15404		\$135,967	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		COLUMBIA UNIVERSITY	3(GG014693-01)		\$111,764	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		INDIANA UNIVERSITY	BL-4645315-UM		-\$18,653	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		KANSAS UNIVERSITY POLYCYSTIC KIDNEY DISEASE CENTER	ZPC00008		\$3,601	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		MAYO CLINIC	UNI-203449		-\$2	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		THE AMERICAN UROGYNECOLOGIC SOCIETY	N/A		\$1,944	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF CALIFORNIA SANTA BARBARA	KK2150		\$7,587	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF COLORADO DENVER	FY20.798.003		\$28,697	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	N/A		\$17,400	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF MICHIGAN	SUBK00007925		\$23,031	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5118919		\$6,365	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		UNIVERSITY OF SOUTH FLORIDA	6163-1092-00-X		\$4,441	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		VANDERBILT UNIVERSITY	UNIV60430					
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		VANDERBILT UNIVERSITY	VUMC 84227		\$43,005	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		WASHINGTON UNIVERSITY	WU-17-184		\$129,899	\$4,075,864	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS069726				\$466,810	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS090634				\$174,030	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS094539				\$8,884	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS110915				\$592,168	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R01NS113765				\$216,924	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R15NS091914				\$89,522	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R15NS108371				\$127,643	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS103028				\$73,392	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS106490				\$31,402	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS108367				\$107,697	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	R21NS109762				\$122,830	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MAYO CLINIC	UMO-224063		\$2,508	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		SHIFT PHARMACEUTICALS	N/A		\$9,221	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF NEBRASKA LINCOLN	24-6221-0414-002		\$108,839	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		WASHINGTON UNIVERSITY	WU-20-316		\$9,309	\$2,141,179	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	F32AI131468				\$2,952	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	K99AI148511				\$19,832	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI110420				\$44,447	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI116595				\$278,018	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI116744				\$347,493	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI119965				\$206,102	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI121281				\$208,477	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI129996				\$358,694	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI134661				\$349,953	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI134768				\$98,497	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI147640			\$5,796	\$306,069	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI150797				\$139,829	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI152521			\$32,396	\$300,771	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI153076				\$8,272	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI162631				\$6,961	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R01AI145960				\$216,317	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R15AI137984				\$43,702	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R15AI138116				\$188,782	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI103618				-\$145	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI127404				\$58,166	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI128377			\$67,335	\$147,486	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI133450				\$684	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI135160				-\$208	\$6,260,491	RESEARCH AND DEVELOPMENT	198251485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI135820				\$114,586	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI136611				-\$1,601	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI143363				\$127,997	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI144433			\$13,540	\$155,576	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI145071				\$244,106	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI146397				\$139,593	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R21AI153074				\$194,508	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	R56AI110420				\$11,576	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	U01AI132817			\$84,813	\$284,706	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ALBANY MEDICAL COLLEGE	515492-UMO		\$25,051	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		COLORADO STATE UNIVERSITY	G-44372		\$239,207	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		CRYOCRATE LLC	MU 003		\$34,854	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		EMORY UNIVERSITY	A315267			\$66,902	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		EMORY UNIVERSITY	T942000			\$38,285	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		NOTRE DAME UNIVERSITY	203542UM				\$6,260,491	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST JUDES CHILDRENS RESEARCH HOSPITAL	112670010-7957615		\$133,794	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		ST LOUIS UNIVERSITY	23423-46240		\$795,818	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF CALIFORNIA LOS ANGELES							
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF CALIFORNIA LOS ANGELES	1560 G XC327						
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF CALIFORNIA LOS ANGELES	1560 G YC477		\$131,992	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF MICHIGAN	SUBK00013980		\$77,250	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF TENNESSEE	1-0682-UMKC						
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		UNIVERSITY OF TENNESSEE	20-4510-UMKC		\$64,059	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		WASHINGTON UNIVERSITY	WU-20-306						
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		WASHINGTON UNIVERSITY	WU-20-539		\$23,980	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855		NATO LAB	N/A		\$27,101	\$6,260,491	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	ZAC00010		\$16,332	\$7,280,877	N/A	\$0	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01AI150460			\$82,287	\$289,749	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM029798				\$152,879	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM063732				-\$1,436	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM065546				\$86,210	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM093123				\$343,471	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM103841				\$319,624	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM109980			\$5,906	\$27,366	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM111835				\$230,451	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM117059				\$163,255	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485	

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM117135				\$157,372	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM121445				\$369,641	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM121798			\$92,163	\$325,272	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM125669			\$10,692	\$135,760	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM132640			\$35,770	\$128,630	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R01GM141374			\$1,099	\$32,774	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM117507				\$16,804	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM119070				-\$11	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM126502				\$70,224	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM132752				\$12,087	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM135807				\$167,688	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM137315				\$104,485	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R15GM139071				\$85,386	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM056901				\$387,127	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM064120				\$298,842	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM122564			\$43,939	\$565,158	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM126985				\$410,751	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM134919				\$359,301	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R35GM136409				\$441,946	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R37GM029963				\$496,787	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T32GM008396				\$246,029	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T32GM135744				\$257,986	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	T34GM136493				\$200,267	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	R25GM129228			\$21,512	\$233,532	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		EMORY UNIVERSITY	7951652		-\$6,524	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		PURDUE UNIVERSITY	11000888-012		\$7,745	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		SUBSTRATE INTERACTIVE INC	0061552		\$30,223	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	2AF00010		\$3	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF TEXAS AUSTIN	UTA20-001038		\$49,717	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		VIRGINIA TECH UNIVERSITY	432054-19228		\$5,831	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		VANDERBILT UNIVERSITY	UNIV61126		\$62,143	\$7,280,877	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	F31HD091939				\$1,111	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	F31HD097079				\$35,232	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	K12HD000849			\$1,051,674	\$1,196,922	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD021338				\$427,336	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD084353				\$187,480	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD087231				\$154,239	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD088549			\$6,355	\$365,740	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD092254				\$312,409	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD094937			\$45,328	\$427,452	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD096266				\$526,189	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD097283			\$14,664	\$588,666	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R01HD102476				\$25,114	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD098555				\$57,063	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R03HD104740				\$5,605	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD097594				\$191,588	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD099337				\$186,854	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	R21HD100726			\$10,289	\$79,999	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		CHILDRENS HOSPITAL OF PHILADELPHIA	GRT-00000601 / PO# 2020434		\$122,021	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		CHILDRENS MERCY HOSPITAL	41613121		\$14,031	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		OREGON HEALTH SCIENCE UNIVERSITY	1007056_UMO		\$34	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		PENNSYLVANIA STATE UNIVERSITY	5976-UM-DHHS-8806		\$262	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	103745C		-\$1	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF COLORADO DENVER	FY21.1087.001		\$43,103	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF FLORIDA	SUB00002582		\$18,360	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	DS-DETERMINED ZAK00010		\$40,430	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF PITTSBURGH	0053267 (12949-1)		\$150,242	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF SOUTHERN CALIFORNIA	100324072		\$25,753	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF TEXAS AUSTIN	UTA20-000920		\$10,793	\$5,194,027	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866	P01AG039355				\$9,239	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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	R01AG048205				\$43,385	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866	R01AG059818			\$121,951	\$301,928	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866	R21AG061691				\$118,126	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866	R21AG067702			\$7,856	\$117,156	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866	U01AG070928			\$20,719	\$191,759	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866		DUKE UNIVERSITY	A032814					
			DUKE UNIVERSITY	A03-3870		\$70,277	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
			INDIANA UNIVERSITY	8589_UMKC					
			INDIANA UNIVERSITY	IN4680040UM					
AGING RESEARCH	93.866		INDIANA UNIVERSITY	IN4688176UMKC		\$1,138,442	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866		NORTHWESTERN UNIVERSITY	60040682 UMKC		\$3,388	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866		UNIVERSITY OF CALIFORNIA SAN FRANCISCO	119555C		\$5,998	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
			UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE						
			UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	GR15555					
			UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	QS85528Y					
AGING RESEARCH	93.866		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	ZAB000E0		\$171,114	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866		UNIVERSITY OF MARYLAND	65843-20159202		\$9,767	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866		UNIVERSITY OF MICHIGAN	SUBK0009483		\$41,014	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
AGING RESEARCH	93.866		UNIVERSITY OF SOUTH FLORIDA	6144-1252-00-A		\$370,198	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
			WASHINGTON UNIVERSITY	WU-17-250					
AGING RESEARCH	93.866		WASHINGTON UNIVERSITY	WU-21-282		\$216,979	\$2,808,770	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	1R01EY031674-01A1				\$31,831	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	1R15EY029813-01A1				\$81,963	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY017294				-\$10,020	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY023219				\$538,094	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY023968				\$15,874	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY024221				\$31,572	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY027824				\$409,291	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY028946				\$429,873	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY029795				\$136,178	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY030081				\$608,365	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY030747				\$597,712	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY030774				\$439,891	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R01EY031248			\$115,456	\$499,852	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R21EY029106				\$304,864	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R21EY029393				\$58,398	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R21EY030233				\$71,537	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	R21EY030234				\$103,556	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867	U01EY031650				\$475,380	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
VISION RESEARCH	93.867		CALISTA THERAPEUTICS	R43R43EY032018EY032018		\$982	\$4,825,193	RESEARCH AND DEVELOPMENT	\$198,251,485
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		CHILDRENS MERCY HOSPITAL	18-0001		\$26,638	\$285,391	N/A	\$0
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES						
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC19380106					
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380002		\$209,964	\$285,391	N/A	\$0
MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT	93.870		CHILDRENS MERCY HOSPITAL	41591121		\$48,789	\$285,391	RESEARCH AND DEVELOPMENT	\$198,251,485
AUTISM COLLABORATION, ACCOUNTABILITY, RESEARCH, EDUCATION, AND SUPPORT	93.877	R41MC39338				\$79,413	\$79,413	RESEARCH AND DEVELOPMENT	\$198,251,485
MEDICAL LIBRARY ASSISTANCE	93.879	R01LM013392				\$202,946	\$517,651	RESEARCH AND DEVELOPMENT	\$198,251,485
MEDICAL LIBRARY ASSISTANCE	93.879	R21LM012790				\$88,032	\$517,651	RESEARCH AND DEVELOPMENT	\$198,251,485
MEDICAL LIBRARY ASSISTANCE	93.879	T32LM012410				\$166,357	\$517,651	RESEARCH AND DEVELOPMENT	\$198,251,485
MEDICAL LIBRARY ASSISTANCE	93.879		UNIVERSITY OF UTAH	10039576-04		\$60,316	\$517,651	RESEARCH AND DEVELOPMENT	\$198,251,485
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884	TOBHP29303				\$432	\$432	N/A	\$0
COVID-19 - NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM	93.889	COVID-19	MISSOURI HOSPITAL ASSOCIATION	6786		\$17,075	\$17,075	N/A	\$0
			MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES						
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC18380166		\$1,092,003	\$1,101,980	RESEARCH AND DEVELOPMENT	\$198,251,485
			NORTH AMERICAN ASSOCIATION OF CENTRAL CANCER REGISTRIES	N/A		\$9,977	\$1,101,980	RESEARCH AND DEVELOPMENT	\$198,251,485
FAMILY AND COMMUNITY VIOLENCE PREVENTION PROGRAM	93.910		ST. LOUIS COUNTY DEPARTMENT OF HEALTH	N/A		\$11,435	\$11,435	N/A	\$0
			NURTURE KANSAS CITY	H49MCO1449					
HEALTHY START INITIATIVE	93.926		NURTURE KANSAS CITY	N/A		\$104,732	\$104,732	N/A	\$0
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	93.945		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC18380299		\$140,942	\$140,942	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		IOWA DEPARTMENT OF HEALTH	5880MH41		-\$850	\$42,401	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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 AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		STATE OF MONTANA	19-07-5-01-300-0		-\$5,537	\$42,401	N/A	\$0
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		IOWA DEPARTMENT OF HEALTH	5881MH41					
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		IOWA DEPARTMENT OF HEALTH	5882MH41		\$48,508	\$42,401	RESEARCH AND DEVELOPMENT	\$198,251,485
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC22380011		\$280	\$42,401	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 20905		-\$65	-\$65	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		ACT MISSOURI	MAG-2020-10		\$183	\$951,193	N/A	\$0
			MISSOURI DEPARTMENT OF MENTAL HEALTH						
			MISSOURI DEPARTMENT OF MENTAL HEALTH						
			MISSOURI DEPARTMENT OF MENTAL HEALTH						
			MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098					
			MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC09380028					
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 20901					
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 20905					
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC11380234 TA 21901		\$916,521	\$951,193	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098		\$34,489	\$951,193	RESEARCH AND DEVELOPMENT	\$198,251,485
PHF GERIATRIC EDUCATION CENTERS	93.969		ST LOUIS UNIVERSITY	22499-44556		\$26,381	\$26,381	RESEARCH AND DEVELOPMENT	\$198,251,485
FAMILY PLANNING_SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS	93.974		ALTARUM INSTITUTE	SC-19-027		\$12,815	\$35,181	N/A	\$0
FAMILY PLANNING_SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS	93.974		PUBLIC HEALTH SOLUTIONS	20-PPD-911		\$5,718	\$35,181	N/A	\$0
FAMILY PLANNING_SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS	93.974		ALTARUM INSTITUTE	SC-19-027		\$8,420	\$35,181	RESEARCH AND DEVELOPMENT	\$198,251,485
FAMILY PLANNING_SERVICE DELIVERY IMPROVEMENT RESEARCH GRANTS	93.974		PUBLIC HEALTH SOLUTIONS	19-PPD-911		\$8,228	\$35,181	RESEARCH AND DEVELOPMENT	\$198,251,485
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC21380062		\$63,843	\$95,504	N/A	\$0
MENTAL HEALTH DISASTER ASSISTANCE AND EMERGENCY MENTAL HEALTH	93.982		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	Z1N00060		\$31,661	\$95,504	N/A	\$0
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989		NORTHWESTERN UNIVERSITY	60049839 UMSL		\$33,872	\$33,872	RESEARCH AND DEVELOPMENT	\$198,251,485
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		OHIO DEPARTMENT OF HEALTH	34953		\$16,544	\$18,044	N/A	\$0
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT	93.991		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A		\$1,500	\$18,044	RESEARCH AND DEVELOPMENT	\$198,251,485
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		ALBERT EINSTEIN COLLEGE OF MEDICINE	PO795358		\$1,423	\$17,544	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MINNESOTA DEPARTMENT OF HEALTH	145097		-\$361	\$17,544	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380009					
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	CS192865009		\$6,227	\$17,544	N/A	\$0
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC20380009					
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	CS192865009 AMD 1		\$10,255	\$17,544	RESEARCH AND DEVELOPMENT	\$198,251,485
ASSISTED OUTPATIENT TREATMENT	93.997		OZARK CENTER	N/A		\$71,739	\$71,739	N/A	\$0
CAMP LEJEUNE INCIDENCE STUDY	93.RD	US001-0000804330				\$10,446	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
RESEARCH, TECHNOLOGY AND HUMAN INTERVENTIONS FOR SELF-ESCAPE IN UNDERGROUND MINE EMERGENCIES	93.RD	75D30120C08913				\$95,129	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
REAL-TIME GROUND MOVEMENT MONITORING FOR IMPROVED SAFETY NEAR LARGE EXCAVATIONS USING DISTRIBUTED FIBER OPTIC SENSING	93.RD	75D30120C09233				\$129,128	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
NUMERICAL INVESTIGATION OF RIB STABILITY IN UNDERGROUND COAL MINESINDEPENDENT ESTIMATE OF COST	93.RD	75D30120P07211				\$24,830	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
MISSOURI PARTNERSHIPS TO INCREASE COLORECTAL CANCER SCREENING RATES IN CLINICAL SETTINGS	93.RD	NU58DP006765			\$10,993	\$330,187	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOOD TRACE AND ULTRA-TRACE METALS AND PANCREATIC CANCER	93.RD	75N91019P00802				\$77,476	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
BLOOD TRACE AND ULTRA-TRACE METALS AND PANCREATIC CANCER	93.RD	75N91020P00939				\$35,920	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
PANDA RECOVERY PROJECT	93.RD	75N95019P00275				\$13,943	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
NINDS-IPA ASSIGNMENT AGREEMENT-DR. SOHL	93.RD	5726610				\$42,493	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
SENTINEL INITIATIVE-RWE: ESTABLISH ROUTINE QUERYING CAPABILITY WITH A NETWORK OF EHR DATABASES	93.RD	75F40119D10037	HARVARD PILGRIM HEALTH CARE INC	75F40119D10037		\$1,424	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
INTERNATIONAL MULTICENTER, ADAPTIVE, RANDOMIZED DOUBLE-BLIND, PLACEBO-CONTROLLED... AND EFFICACY OF ANTI-CORONAVIRUS HYPERIMMUNE INTRAVENOUS IMMUNOGLOBULIN FOR THE TREATMENT OF ADULT HOSPITALIZED PATIENTS AT ONSET OF CLINICAL PROGRESSION OF COVID-19	93.RD	20CTA-DC0002 INSIGHT 013	LEIDOS BIOMEDICAL RESEARCH, INC	20CTA-DC0002 INSIGHT 013		\$32,119	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
COTC028: PRECLINICAL ASSESSMENT OF AN ORAL P97 INHIBITOR, CB-5339, IN TUMOR-BEARING DOGS	93.RD	19X021	LEIDOS INC	19X021		\$19,267	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
USE OF NEXOBRID FOR TREATMENT OF ACUTE DEEP PARTIAL AND FULL THICKNESS BURN INJURIES	93.RD	MW2018-06-21	MEDIWOUND LTD	MW2018-06-21		\$10,459	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
MO HEALTHNET DATA PROJECT 2021	93.RD	AOC15380036	MISSOURI DIVISION OF MEDICAL SERVICES	AOC15380036		\$105,367	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
SYNDROMIC SURVEILLANCE OF SWINE INFLUENZA VIRUSES IN THE UNITED STATES	93.RD	111978070-7931440	ST JUDES CHILDRENS RESEARCH HOSPITAL	111978070-7931440		\$58,557	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
APPLY AND EVALUATE AN INSTANCE-SPECIFIC CAUSAL MACHINE LEARNING FRAMEWORK FOR IDENTIFYING THE CAUSATIVE GENOMIC VARIANTS OF CARDIOVASCULAR DISEASE	93.RD	5118776-1 OT3HL147154-01	UNIVERSITY OF NORTH CAROLINA CAPEL HILL	5118776-1 OT3HL147154-01		\$31,451	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
NURSING HOME PARTNERSHIP	93.RD	3RJK7	UNIVERSITY OF NEW MEXICO	3RJK7		\$312,655	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
INCREASING USE OF MEDICATION ASSISTED TREATMENT TO ADDRESS OPIOID USE AMONG PATIENTS WITH BACTERIAL AND FUNGAL INFECTIONS RELATED TO INJECTION COUNTIES WITH A HIGH POPULATION OF RURAL RESIDENTS	93.RD	WU-20-447	WASHINGTON UNIVERSITY	WU-20-447		\$13,215	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
INCREASING USE OF MEDICATION ASSISTED TREATMENT TO ADDRESS OPIOID USE AMONG PATIENTS WITH BACTERIAL AND FUNGAL INFECTIONS RELATED TO INJECTION REGIONS WITH THE HIGHEST RATES OF NON-PRESCRIPTION OPIOID OVERDOSE DEATH	93.RD	WU-20-448	WASHINGTON UNIVERSITY	WU-20-448		\$12,890	\$1,356,956	RESEARCH AND DEVELOPMENT	\$198,251,485
LABORATORY DIABETES ANALYSES FOR NHANES 2016-2021	93.U01	200-2017-91987				\$161	\$161	N/A	\$0
NCAPPS	93.U02	1176-UMKC	HUMAN SERVICES RESEARCH INSTITUTE	1176-UMKC		\$2,385	\$2,385	N/A	\$0
NCAPPS	93.U03	N/A	HUMAN SERVICES RESEARCH INSTITUTE	N/A		\$18,363	\$18,363	N/A	\$0
REPRODUCTIVE HEALTH NATIONAL TRAINING CENTER	93.U04	21030	JOHN SNOW, INC	21030		\$4,282	\$4,282	N/A	\$0
MONEY FOLLOWS THE PERSON IMPLEMENTATION PROJECT SUPPORT CY2021	93.U05	AOC21380083	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC21380083		\$273,385	\$273,385	N/A	\$0
MO HEALTHNET DATA PROJECT	93.U06	AOC15380036	MISSOURI DIVISION OF MEDICAL SERVICES	AOC15380036		\$93,859	\$93,859	N/A	\$0
PRIMARIS COMMUNITY PARTNER COLLABORATIVE FINANCIAL AGMT FY21	93.U07	N/A	PRIMARIS	N/A		\$20,420	\$20,420	N/A	\$0
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES						\$12,548,187	\$172,696,883		
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE									
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO008				\$937	\$14,766	N/A	\$0
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO011				\$8,008	\$14,766	N/A	\$0
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO014				\$2,684	\$14,766	N/A	\$0
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002	21SREMO015				\$3,137	\$14,766	N/A	\$0
AMERICORPS	94.006		JUMPSTART	2420200		\$127,321	\$809,888	N/A	\$0
AMERICORPS	94.006		MISSOURI COMMUNITY SERVICES COMMISSION	N/A		\$682,567	\$809,888	N/A	\$0
SEPTEMBER 11TH NATIONAL DAY OF SERVICE AND REMEMBRANCE GRANTS	94.012	20BIHMO001				\$10,230	\$10,230	N/A	\$0
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE							\$834,884		
EXECUTIVE OFFICE OF THE PRESIDENT									
INTERGOVERNMENTAL PERSONNEL ACT AGREEMENT FOR DR. AARON HEDLUND	95.U01	N/A				\$82,296	\$82,296	N/A	\$0
TOTAL EXECUTIVE OFFICE OF THE PRESIDENT							\$82,296		
DEPARTMENT OF HOMELAND SECURITY									
NATIONAL DAM SAFETY PROGRAM	97.041		MISSOURI DEPARTMENT OF NATUREAL RESOURCES	N/A		\$473	\$473	RESEARCH AND DEVELOPMENT	\$198,251,485
ASSISTANCE TO FIREFIGHTERS GRANT	97.044		CITY OF JACKSON	N/A		\$49,600	\$49,600	N/A	\$0
CENTERS FOR HOMELAND SECURITY	97.061	M2002234	TEXAS A&M UNIVERSITY	M2002234		\$272,660	\$272,660	RESEARCH AND DEVELOPMENT	\$198,251,485
HOMELAND SECURITY GRANT PROGRAM	97.067		MISSOURI STATE UNIVERSITY	P0051405		\$18,000	\$56,900	N/A	\$0

UNIVERSITY OF MISSOURI SYSTEM
 SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
 Fiscal Period 7/1/2020 - 6/30/2021

Federal Awarding Agency/Program Title	Federal Assistance Listing Number	Additional Award Identification (Optional)	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
HOMELAND SECURITY GRANT PROGRAM	97.067		<i>STATE EMERGENCY MANAGEMENT AGENCY</i>	AOC16380071		\$38,900	\$56,900	N/A	\$0
TOTAL DEPARTMENT OF HOMELAND SECURITY						<u>\$379,633</u>			
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT									
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		<i>UNIVERSITY OF ILLINOIS SYSTEM</i>	072112-17455		\$894	\$268,123	N/A	\$0
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		<i>PURDUE UNIVERSITY</i>	F9002550402090		\$115,705	\$268,123	RESEARCH AND DEVELOPMENT	\$198,251,485
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		<i>PURDUE UNIVERSITY</i>	F9002550402091		\$115,705	\$268,123	RESEARCH AND DEVELOPMENT	\$198,251,485
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		<i>UNIVERSITY OF ILLINOIS SYSTEM</i>	072112-17361		\$151,524	\$268,123	RESEARCH AND DEVELOPMENT	\$198,251,485
TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT						<u>\$268,123</u>			
TOTAL EXPENDITURE OF FEDERAL AWARDS					<u>\$28,746,388</u>	<u>\$863,922,615</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, 2021

Notes to Schedule

1. 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, 2021. 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 position or cash flows of the System.
2. Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in the Office of Management and Budget (OMB) Circular A-21, *Cost Principles for Educational Institutions* or the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule, if any, represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. The System has elected not to use the 10 percent de minimis indirect cost rate allowed under the Uniform Guidance.
3. 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, 2021, consists of:

<i>Federal Grantor/Program Title</i>	<i>Assistance Listing Number</i>	<i>Outstanding Balance at 6/30/2021</i>
DEPARTMENT OF EDUCATION LOAN PROGRAMS		
PERKINS LOAN PROGRAM	84.038	\$ 15,537,999
FEDERAL DIRECT STUDENT LOANS	84.268	N/A
DEPARTMENT OF HEALTH AND HUMAN SERVICES LOAN PROGRAMS		
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264	\$ 3,671,650
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	16,067,297
NURSING STUDENT LOANS	93.364	1,555,119

**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 and the fiduciary activities of the University of Missouri System (the "System") as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the System's basic financial statements, and have issued our report thereon dated October 14, 2021.

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 opinions 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 may exist that have not been identified.

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 determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the 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.

BKD, LLP

Kansas City, Missouri
October 14, 2021

**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

We have audited the University of Missouri System's (the "System") compliance with the types of compliance requirements described 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, 2021. 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.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations and the terms and conditions of its federal awards applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the System's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and 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). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the System's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the System's compliance.

Opinion on Each Major Federal Program

In our opinion, the System complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2021.

Report on Internal Control Over Compliance

Management of the System is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the System's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the System's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or 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 first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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

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

We have audited the financial statements of the business-type activities and the fiduciary activities of the University of Missouri System as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the System's basic financial statements. We issued our report thereon dated October 14, 2021, 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.

BKD, LLP

Kansas City, Missouri
April 22, 2022

University of Missouri System
Schedule of Findings and Questioned Costs
Year Ended June 30, 2021

Summary of Auditor's Results

Financial Statements

1. The type of report the auditor issued on whether the financial statements audited were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) was:

Unmodified Qualified Adverse Disclaimer

2. The independent auditor's report on internal control over financial reporting disclosed:

Significant deficiency(ies)? Yes None reported

Material weakness(es)? Yes No

3. Noncompliance considered material to the financial statements was disclosed by the audit?

Yes No

Federal Awards

4. The independent auditor's report on internal control over compliance for major federal awards programs disclosed:

Significant deficiency(ies)? Yes None reported

Material weakness(es)? Yes No

5. The opinion expressed in the independent auditor's report on compliance for major federal awards was:

Unmodified Qualified Adverse Disclaimer

6. The audit disclosed findings required to be reported by 2 CFR 200.516(a)?

Yes No

University of Missouri System
Schedule of Findings and Questioned Costs (Continued)
Year Ended June 30, 2021

7. The System's major programs were:

Cluster/Program	Federal Assistance Listing Number
Research and Development Cluster	Multiple
SNAP Cluster	10.561
Special Education Cluster (IDEA)	84.027
Substance Abuse and Mental Health Services	93.243
Small Business Development Centers	59.037
Higher Education Emergency Relief Fund	
Education Stabilization Fund – Student Aid	84.425E
Education Stabilization Fund – Institutional Aid	84.425F
Education Stabilization Fund – Strengthening Institutions Program	84.425M
Provider Relief Fund	93.498
Medical Student Education	93.680

8. The threshold used to distinguish between Type A and Type B programs was \$3,000,000.

9. The System qualified as a low-risk auditee? Yes No

University of Missouri System
Schedule of Findings and Questioned Costs (Continued)
Year Ended June 30, 2021

Findings Required to be Reported by *Government Auditing Standards*

Reference Number	Finding
	No matters are reportable.

Findings Required to be Reported by the Uniform Guidance

Reference Number	Finding
	No matters are reportable.

University of Missouri System
Summary Schedule of Prior Audit Findings
Year Ended June 30, 2021

Reference Number	Summary of Finding	Status
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No matters are reportable.