

University of Missouri System

Single Audit Reports

June 30, 2017



University of Missouri System
Single Audit Reports and Schedule of Expenditures of Federal Awards
Year Ended June 30, 2017

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Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Total Federal Expenditures
LEGAL SERVICES CORPORATION					
LEGAL SERVICES CORPORATION PASS THROUGH PROGRAMS					
STRATEGIC PLANNING CONSULTATION SERVICES	09.U01	MID-MISSOURI LEGAL SERVICES CORP	N/A	\$ -	5,869
LEGAL SERVICES CORPORATION TOTAL				-	5,869
DEPARTMENT OF AGRICULTURE					
DEPARTMENT OF AGRICULTURE DIRECT PROGRAMS					
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001			-	3,156,558
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025			-	229,548
FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	10.156			-	40,628
FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168			-	31,249
COOPERATIVE FORESTRY RESEARCH	10.202			-	663,984
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203			-	6,095,544
ANIMAL HEALTH AND DISEASE RESEARCH	10.207			-	212
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217			53,744	132,626

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MORPHOLOGICAL CHARACTERIZATION OF HICKORY AND BLACK WALN	10.RD		14-JV-11242311-063	\$ -	2,765
OAK WOODLANDS & FOREST FIRE CONSORTIUM	10.RD		16-JV-11242311-074	-	72,739
OAK WOODLANDS & FORESTS FIRE CONSORTIUM	10.RD		14-JV-11242311-095	-	4,077
POPULATION ESTIMATE FOR BLACK-BACKED WOODPECKERS (PICOID)	10.RD		14-JV-11221632-104	-	32,447
RECRUITMENT DYNAMICS IN NATURALLY REGENERATED LONGLEAF P	10.RD		15-JV-11330123-051	-	8,024
RESPONSE OF SONGBIRDS TO PINE SAVANNA AND WOODLAND RESTO	10.RD		13-CR-11242311-047	-	49,408
RUPRI TECHNICAL ASSISTANCE TO EASTERN KENTUKY'S SOAR INITIATIVE	10.RD		RBS-14-01	-	(2,483)
SCAR CLOSURE FROM PRESCRIBED FIRE IN GA	10.RD		14-JV-11242316-061	-	2,167
SONGBIRD DEMOGRAPHIC RESPONSES TO LANDSCAPE AND CLIMATE	10.RD		14-CR-11242311-064	-	23,969
THE SURVIVAL AND PERFORMANCE OF IMPROVED SHORTLEAF PINE SEEDLINGS	10.RD		16-JV-11242311-080	-	8,161
TREE REGENERATION ADEQUACY METRICS FOR THE CENTRAL STATE	10.RD		15-JV-11242311-090	-	52,456
FSA - GREAT RIVERS CESU 2013-2018	10.U01		N/A	-	32
MIXEDWOODS WORKSHOP	10.U02		14-CR-11242311-098	-	7,100
DEPARTMENT OF AGRICULTURE DIRECT PROGRAMS TOTAL				2,113,752	31,268,985
DEPARTMENT OF AGRICULTURE PASS THROUGH PROGRAMS					
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH MARKET NEWS	10.001	CRDF GLOBAL	DAA3-17-62988-1	-	954
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.153	MISSOURI DEPARTMENT OF AGRICULTURE	N/A	-	10,500
	10.170	LINCOLN UNIVERSITY	2015-3570	-	4,956
		MISSOURI DEPARTMENT OF AGRICULTURE	14-SCBGP-MO-0029		
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	16SCBGP00003 PROJECT 7	-	47,248
		MISSOURI DEPARTMENT OF AGRICULTURE	N/A		
		MISSOURI DEPARTMENT OF AGRICULTURE	16SCBGP00003 PROJECT 2		
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	16SCBGP00003 PROJECT 9	-	45,619
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	N/A	-	935
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200	PURDUE UNIVERSITY	8000064758-AG	-	70,727
		PURDUE UNIVERSITY	8000071292-AG	-	70,727
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203	UNIVERSITY OF KENTUCKY	N/A	-	8,550
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215	UNIVERSITY OF MINNESOTA	H004991229	-	9,632
		UNIVERSITY OF MINNESOTA	H004403715		
		UNIVERSITY OF MINNESOTA	H004991201		
		UNIVERSITY OF MINNESOTA	H004991204		
		UNIVERSITY OF MINNESOTA	H004991217		
		UNIVERSITY OF MINNESOTA	H005722901		
		UNIVERSITY OF MINNESOTA	H005722922		
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215	UNIVERSITY OF MINNESOTA	H005722924	13,011	370,061
		LINCOLN UNIVERSITY	2014-3555		
		LINCOLN UNIVERSITY	2014-3556		
		LINCOLN UNIVERSITY	2014-3560		
		LINCOLN UNIVERSITY	3529A		
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216	LINCOLN UNIVERSITY	3529A	-	188,873
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	SOUTH DAKOTA STATE UNIVERSITY	3TG607	-	21,580
SECONDARY AND TWO-YEAR POSTSECONDARY AGRICULTURE EDUCATION CHALLENGE GRANTS	10.226	MISSOURI BOTANICAL GARDENS	N/A	-	3,772
		UNIVERSITY OF KENTUCKY	3048110944-15-178		
		UNIVERSITY OF KENTUCKY	58-5000-3-0066	7,822	52,296
CONSUMER DATA AND NUTRITION RESEARCH	10.253	UNIVERSITY OF KENTUCKY	58-5000-3-0066	7,822	52,296
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255	RIDGE CENTER FOR TARGETED STUDIES	8000069782	3,352	16,749
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255	UNIVERSITY OF WISCONSIN - MADISON	613K756	-	28,898
		MICHIGAN STATE UNIVERSITY	RC101676MO		
HOMELAND SECURITY_AGRICULTURAL	10.304	MICHIGAN STATE UNIVERSITY	RC106556G	-	47,588
HOMELAND SECURITY_AGRICULTURAL	10.304	PURDUE UNIVERSITY	8000081115-AG	-	8,047
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	AUBURN UNIVERSITY	13-AGR-373036-UM	-	1,199
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	INDIANA UNIVERSITY	BL-4339916-UM	-	149
		IOWA STATE UNIVERSITY	416-40-63H		
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY	416-41-54A	-	57,424
		LINCOLN UNIVERSITY	2014-3553		
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LINCOLN UNIVERSITY	3537A	-	55,656
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LOUISIANA STATE UNIVERSITY	100075	-	52,637
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	MICHIGAN STATE UNIVERSITY	RC103692A	-	50,440
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	MISSISSIPPI STATE UNIVERSITY	012000.321736.02	-	149
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	NORTH CAROLINA STATE UNIVERSITY	2015-0097-01	-	37,414
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	PURDUE UNIVERSITY	8000067462-AG	-	41,494
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	SOUTH DAKOTA STATE UNIVERSITY	3TC462	-	82,289
		TEXAS A&M UNIVERSITY	06-S160685		
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	TEXAS A&M UNIVERSITY	S110071	-	27,646
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF ARKANSAS	UA AES 91137-02	-	13,948
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF GEORGIA	RC294-343/5001056	-	77,743
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-1215-0117-002	-	113,079
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-6226-0395-002	-	31,536
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WISCONSIN - MADISON	627K152	-	78,291
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WYOMING	1003080A - MISSOURI	-	29,544
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	VIRGINIA TECH	422262-19228	-	20,373
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	WASHINGTON STATE UNIVERSITY	130160_G003742	-	1,105
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	UNIVERSITY OF ARKANSAS	UA AES 91132-02	-	25
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	UNIVERSITY OF VERMONT	29903SUB51956	-	20,275
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326	MISSOURI STATE UNIVERSITY	16041-001	-	70,869
COOPERATIVE EXTENSION SERVICE	10.500	PENNSYLVANIA STATE UNIVERSITY	5558-UM-UM-9802	-	33,225
COOPERATIVE EXTENSION SERVICE	10.500	UNIVERSITY OF MINNESOTA	H003703715	-	4,089
		UNIVERSITY OF NEBRASKA - LINCOLN	25-6324-0119-308		
		UNIVERSITY OF NEBRASKA - LINCOLN	25-6324-0119-315		
		UNIVERSITY OF NEBRASKA - LINCOLN	25-6324-0150-012		
COOPERATIVE EXTENSION SERVICE	10.500	UNIVERSITY OF NEBRASKA - LINCOLN	25-6329-0086-307	-	48,159

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FARMERSÓ MARKET SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SUPPORT GRANTS	10.545	SUSTAINABLE FARMS AND COMMUNITIES	N/A	\$ -	27,972
SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC14380012	-	30,491
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC17380018	-	-
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	ERS46110020	-	-
CHILD AND ADULT CARE FOOD PROGRAM	10.558	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	ERS46111511	-	31,798
		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	26,971
STATE ADMINISTRATIVE EXPENSES FOR CHILD NUTRITION	10.560	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC10380257	-	-
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC16380120	44,997	10,407,536
TEAM NUTRITION GRANTS	10.574	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A	-	1,036
FARM TO SCHOOL GRANT PROGRAM	10.575	CENTER FOR RURAL AFFAIRS IN NEBRASKA	F2SC15	-	3,415
CHILD NUTRITION DISCRETIONARY GRANTS LIMITED AVAILABILITY	10.579	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	79,907
COOPERATIVE FORESTRY ASSISTANCE	10.664	UNIVERSITY OF TENNESSEE	8500054521	-	10,743
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	GREENE COUNTY SOIL & WATER CONSERVATION DISTRICT	N/A	-	5,006
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	MICHIGAN STATE UNIVERSITY	RC102547B	-	2,511
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR)	10.RD	C&J PATKE FAMILY LP	2008 7464241112K5	-	(165)
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR)	10.RD	TRIPLETT FARMS INC	2008 746424112KN	-	12,428
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR)	10.RD	ALITA ANN JOHNSON REVOCABLE TRUST	2008 7464241154S	-	901
MRBI STUDY - GLADB	10.RD	GLADBACH, RICKY JAMES	2008 746424106XT	-	4,012
MRBI STUDY - MECHLIN	10.RD	MECHLIN, MARY E	2008 746424112JR	-	2
MRBI STUDY - MORRIS	10.RD	ORA CLAY MORRIS	N/A	-	197
MRBI STUDY - TRUST	10.RD	GV & JS GLADBACH TRUST	2008 746424106Z1	-	1,742
		MISSISSIPPI STATE UNIVERSITY	018000.340753.04	-	-
		MISSISSIPPI STATE UNIVERSITY	018000.340753.21	-	41,701
STRONGER ECONOMICS TOGETHER (SET) - MISSOURI AGRICULTURAL INNOVATION PROGRAM - PAKISTAN	10.U03	UNIVERSITY OF CALIFORNIA - DAVIS	201400223-11	-	53,903
2016 MU BIOTECHNOLOGY REGULATION IMMERSION COURSE (MUBRIC)	10.U05	US SOYBEAN EXPORT COUNCIL	16TH08F14A	-	62,097
DEPARTMENT OF AGRICULTURE PASS THROUGH PROGRAMS TOTAL				69,182	12,689,947
DEPARTMENT OF AGRICULTURE TOTAL				2,182,934	43,958,932
DEPARTMENT OF COMMERCE					
DEPARTMENT OF COMMERCE DIRECT PROGRAMS					
CLUSTER GRANTS	11.020			-	288,463
ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.303			-	211,396
ECONOMIC ADJUSTMENT ASSISTANCE	11.307			-	28,523
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313			-	1,105,100
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609			-	238,565
DEPARTMENT OF COMMERCE DIRECT PROGRAMS TOTAL				-	1,872,047
DEPARTMENT OF COMMERCE PASS THROUGH PROGRAMS					
MANUFACTURING EXTENSION PARTNERSHIP	11.611	MISSOURI ENTERPRISE BUSINESS ASSISTANCE	N/A	-	602,157
STRATEGIC ALLIANCE AGREEMENT MOU WITH AWS	11.U01	EARTH NETWORKS INC	N/A	-	82,532
DEPARTMENT OF COMMERCE PASS THROUGH PROGRAMS TOTAL				-	684,689
DEPARTMENT OF COMMERCE TOTAL				-	2,556,736
DEPARTMENT OF DEFENSE					
DEPARTMENT OF DEFENSE DIRECT PROGRAMS					
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS					
FIRMS	12.002			-	589,463
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114			-	205,977
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			-	1,592,106
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351			148,121	634,346
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			118,174	1,945,040
BASIC SCIENTIFIC RESEARCH	12.431			1,039,290	2,201,240
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630			-	63,274
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			83,798	1,471,892
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901			-	23,872
GENCYBER GRANTS PROGRAM	12.903			-	104,086
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			-	64
ADDITIVE MANUFACTURING OF GRIN OPTICS	12.RD		FA8650-16-C-5412	-	55,549
ASSESS T-CELL MEDIATED IMMUNOGENICITY AND CLINICAL PROTE	12.RD		N	-	-

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Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Total Federal Expenditures
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	AUDUBON MISSOURI	N/A	\$ -	\$ 1,794
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	CATERPILLAR INC	0044273	-	171,573
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	ARRAY INFO TECH	SUB A016-2014	-	36,850
		EWI	0047369		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	EWI	0048952	-	28,824
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INDIANA UNIVERSITY	BL-4331206-MST	-	30,029
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INTELLIGENT FUSION TECHNOLOGIES	010-2	-	(91,075)
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	OHIO STATE UNIVERSITY	60051333	-	19,979
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TC133	-	33,083
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	086337-16354	-	19,823
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF NEW HAMPSHIRE	16-053	-	49,389
A FULLY INTEGRATED MEMBRANE BIOREACTOR SYSTEM FOR WASTE	12.RD	UNIVERSITY OF SOUTHERN CALIFORNIA	59843551	-	74,426
ACUTE MRI CHANGES IN ASSOCIATION WITH A SINGLE HYPOBARIC	12.RD	WYLE LAB INC	T72708	-	91,026
CASTING AND ADVANCED STEEL TECHNOLOGY (CAST)	12.RD	STEEL FOUNDERS' SOCIETY OF AMERICA	CAST-001	-	37,567
COMPACT 500KV, HIGH ENERGY DENSITY CAPACITOR FOR PULSED POWER APPLICATIONS	12.RD	ADVANCED TECH INTL	DOTC-17-01-INIT0115	-	124,277
COMPACT HIGH POWER, NANODIELECTRIC MICROWAVE ANTENNA FOR MAN PORTABLE SYSTEMS	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT006	-	(2,813)
DESIGN AND PROTOTYPING OF A REAL-TIME MILLIMETER WAVE COMPRESSIVE SENSING IMAGER	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7605-400-16-SC1608	-	212,078
DEVELOPMENT AND TESTING OF AN AUTONOMOUSLY CONTROLLED ROTATING CROSS PARACHUTE	12.RD	THE CHARLES STARK DRAPER LABORATORY, INC	W911QY-15-C-0006	-	60,891
DEVELOPMENT OF HIGH ENERGY DENSITY CAPACITORS FOR MAN-PO	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT005	-	131,970
FORT LEONARD WOOD AUTOMOMOUS VEHICLE PILOT PROJECT PLANNING: TRANSPORT ROUTES AND MATERIAL					

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ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805			\$ 14,752	\$ 65,405
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807			-	(785)
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808			-	87,336
COOPERATIVE RESEARCH UNITS PROGRAM	15.812			-	259,741
NATURAL RESOURCE STEWARDSHIP	15.944			-	4,605
COOPERATIVE RESEARCH AND TRAINING PROGRAMS D RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			-	133,149
RDX PHYTOFORENSIC SAMPLING IN TREE TISSUES	15.RD		G16PX00697	-	14,645
DEPARTMENT OF THE INTERIOR DIRECT PROGRAMS TOTAL				14,752	679,140
DEPARTMENT OF THE INTERIOR PASS THROUGH PROGRAMS					
WILDLAND FIRE RESEARCH AND STUDIES PROGRAM	15.232	UNIVERSITY OF TENNESSEE	8500038550	-	26,533
SPORT FISH RESTORATION PROGRAM	15.605	MISSOURI DEPARTMENT OF CONSERVATION	380	-	82,446
		MISSOURI DEPARTMENT OF CONSERVATION	339		
		MISSOURI DEPARTMENT OF CONSERVATION	357		
		MISSOURI DEPARTMENT OF CONSERVATION	369		
		MISSOURI DEPARTMENT OF CONSERVATION	373		
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	MISSOURI DEPARTMENT OF CONSERVATION	377	91,713	1,248,233
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	PENNSYLVANIA GAME COMMISSION	PO4300410870	-	94,583
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	STATE OF NEBRASKA	N/A	-	42,424
STATE WILDLIFE GRANTS	15.634	ARKANSAS GAME AND FISH COMMISSION	N/A	-	40,846
STATE WILDLIFE GRANTS	15.634	TEXAS PARKS & WILDLIFE DEPARTMENT	N/A	-	9,285
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.637	MISSISSIPPI STATE UNIVERSITY	191000.331290.09	-	(6,526)
FISH AND WILDLIFE COORDINATION AND ASSISTANCE PROGRAMS	15.241	MISSOURI DEPARTMENT OF CONSERVATION	1952.9(15.611)-1744		
COOPERATIVE LANDSCAPE CONSERVATION	15.669	WILDLIFE MANAGEMENT INSTITUTE	GPLCC/GCPLCC 2016-401		
ADAPTIVE SCIENCE	15.670	MISSISSIPPI STATE UNIVERSITY	191000.331341.01	-	2,583
ADAPTIVE SCIENCE	15.670	STATE OF NEBRASKA	N/A	-	18,541
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820	UNIVERSITY OF MASSACHUSETTS	12 007036 E		
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820	UNIVERSITY OF MASSACHUSETTS	17-009638 A 00	-	192,971
NATIONAL HERITAGE AREA FEDERAL FINANCIAL ASSISTANCE	15.939	FREEDOM'S FRONTIER NATIONAL HERITAGE AREA	N/A	-	3,065
WATERFOWL HABITAT AND POPULATION MODELING TOOLS FOR HABITAT MANAGEMENT	15.RD	MISSOURI DEPARTMENT OF CONSERVATION	375	-	14,336
DEPARTMENT OF THE INTERIOR PASS THROUGH PROGRAMS TOTAL				91,713	1,834,586
DEPARTMENT OF THE INTERIOR TOTAL				106,465	2,513,726
DEPARTMENT OF JUSTICE					
DEPARTMENT OF JUSTICE DIRECT PROGRAMS					
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT, AND STALKING ON CAMPUS	16.525			-	60,428
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560			13,024	515,497
SPECIAL DATA COLLECTIONS AND STATISTICAL STUDIES	16.734			-	85,386
19100RS680H98 0 0866]OURI DEPARTMENT OF C4711 0 TD [()-42.2()TJ/TT4 1 Tf -92.7711 -1.1205 9(1912.2((A5J 9.5.1 FEDERAL FINANCIAL)Tj 0 -1.2651 TD ((ASSISTANCE)-23810.8(15419,9015861(-)TJ 13.9398 0 TD [(ASSISTANCE)91,713 TALKING ON CAMPUS DEPARTMENT OF THE INTATISTICAL STUDIES 16.734					

Federal

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 Schedule of Expenditures of Federal Awards
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Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Total Federal Expenditures
FEDERAL TRADE COMMISSION TOTAL				\$ -	\$ 135
NATIONAL AERONAUTICS & SPACE ADMINISTRATION					
NATIONAL AERONAUTICS & SPACE ADMINISTRATION					
DIRECT PROGRAMS					
SCIENCE	43.001			17,034	318,589
EXPLORATION	43.003			-	33,578
EDUCATION	43.008			546,167	1,112,717
CROSS AGENCY SUPPORT	43.009			111,011	202,861
SPACE TECHNOLOGY	43.012			-	246,744
JOINT RESEARCH WITH NASA ON ARGOS	43.U01		NNX16TG48P	-	1,400
NATIONAL AERONAUTICS & SPACE ADMINISTRATION				674,212	1,915,889
DIRECT PROGRAMS TOTAL					
NATIONAL AERONAUTICS & SPACE ADMINISTRATION PASS THROUGH PROGRAMS					
		JET PROPULSION LAB	1515795		
		JET PROPULSION LAB	1541372		
		JET PROPULSION LAB	1545559		
		JET PROPULSION LAB	1549171		
SCIENCE	43.001	JET PROPULSION LAB	RSA 1563602	-	54,733
SCIENCE	43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO6-17130X	-	37,430
SCIENCE	43.001	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12060.46-A	-	(344)
SCIENCE	43.001	UNIVERSITY OF ARIZONA	322680	-	12,843
SCIENCE	43.001	UNIVERSITY OF FLORIDA	NNX12AE15G	-	(5,706)
EDUCATION	43.008	NATIONAL INSTITUTE OF AEROSPACE	C16-2B00-MST	-	3,241
EDUCATION	43.008	WICHITA STATE UNIVERSITY	WSUSUB10430	-	53,693
A LENSING STUDY OF IDCS J1426.5+3508: A MASSIVE GALAXY CLUSTER AT Z=1.75	43.RD	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12994.07-A	-	574
CLIMATIC AND SOCIOECONOMIC DRIVERS OF LAND-COVER AND LAND-USE CHANGE IN TROPICAL ANDEAN ALPINE WETLANDS	43.RD	SCIENCE SYSTEMS AND APPLICATIONS INC	21512-16-003	-	22,257
MULTIDISCIPLINARY ANALYSIS AND OPTIMIZATION OF INTEGRATED SPACECRAFT SYSTEM MODELS	43.RD	JET PROPULSION LAB	1474528	-	2,154
QUANTIFYING VARIATIONS OF TROPICAL FOREST STRUCTURE AND BIOMASS ALONG ALTITUDINAL GRADIENT TESTING TIME-VARYING DARK ENERGY WITH Z > 1	43.RD	M4 ENGINEERING INC	00049606	-	7,882
SUPERNOVAE AND THEIR MASSIVE CLUSTER HOSTS	43.RD	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-13677.015-A	-	12,850
NATIONAL AERONAUTICS & SPACE ADMINISTRATION PASS THROUGH PROGRAMS TOTAL				-	201,607
NATIONAL AERONAUTICS & SPACE ADMINISTRATION TOTAL				674,212	2,117,496
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES					
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES DIRECT PROGRAMS					
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS					
	45.024			-	89,858
PROMOTION OF THE HUMANITIES_RESEARCH	45.161			-	65,822
PROMOTION OF THE HUMANITIES_TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162			-	32,387
PROMOTION OF THE HUMANITIES_PROFESSIONAL DEVELOPMENT	45.163			-	94,719
MUSEUMS FOR AMERICA	45.301			-	14,540
Laura Bush 21st Century Librarian Program	45.313			-	135,098
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES DIRECT PROGRAMS TOTAL				-	432,424
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES PASS THROUGH PROGRAMS					
PROMOTION OF THE ARTS_PARTNERSHIP AGREEMENTS	45.025	MID AMERICA ARTS ALLIANCE	N/A	-	90,214
PROMOTION OF THE ARTS_PARTNERSHIP AGREEMENTS	45.025	MISSOURI ARTS COUNCIL	17ADS00070	-	20,000
		MISSOURI HUMANITIES COUNCIL	1938		
		MISSOURI HUMANITIES COUNCIL	1945		
		MISSOURI HUMANITIES COUNCIL	1950		
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129	MISSOURI HUMANITIES COUNCIL	N/A	-	3,535
PROMOTION OF THE HUMANITIES_DIVISION OF PRESERVATION AND ACCESS	45.149	AMERICAN FOLKLORE SOCIETY	N/A	-	4,375
PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS	45.164	MISSOURI HUMANITIES COUNCIL	N/A	-	16,000
MUSEUMS FOR AMERICA	45.301	MISSOURI HISTORICAL SOCIETY	N/A	-	5,218
		MISSOURI STATE LIBRARY	2016-LCE5-SHMC5CN5-8340		
		MISSOURI STATE LIBRARY	2016-LSD6-DIG16CN6-8296		
		MISSOURI STATE LIBRARY	2017-LCE6-SHM16CN6-8666		
GRANTS TO STATES	45.310	MISSOURI STATE LIBRARY	2017-LCE6-SHM16CN6-8567	-	44,705
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES PASS THROUGH PROGRAMS TOTAL				-	184,047
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES TOTAL				-	616,471
NATIONAL SCIENCE FOUNDATION					
NATIONAL SCIENCE FOUNDATION DIRECT PROGRAMS					
ENGINEERING GRANTS	47.041			76,143	3,799,111
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			108,462	3,445,653
GEOSCIENCES	47.050			-	1,404,518
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			46,824	2,445,876
BIOLOGICAL SCIENCES	47.074			1,248,032	6,981,839
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			97,318	1,449,523
EDUCATION AND HUMAN RESOURCES	47.076			509,608	4,515,953
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			434,720	946,723
TRANS-NSF RECOVERY ACT RESEARCH SUPPORT	47.082			-	(19,846)
OFFICE OF INTEGRATIVE ACTIVITIES	47.083			1,700,975	4,069,187
IPA ASSIGNMENT FOR DR. CHENGSHAN XIAO TO A PROGRAM					

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Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Total Federal Expenditures
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Pass-Through
Entity or Other

Amount Passed
Through to

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Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Total Federal Expenditures
IMPROVED HEAD-NECK FINITE ELEMENT MODEL FOR DYNAMIC HEAD IMPACT SIMULATION	81.RD	SANDIA NATIONAL LABORATORY	1463534	\$ -	576
IMPROVED HEAD-NECK FINITE ELEMENT MODEL FOR DYNAMIC HEAD IMPACT SIMULATION	81.RD	SANDIA NATIONAL LABORATORY	1498184	-	28,841
IN-SITU X-RAY ANALYSIS OF SELECTIVE LASER MELTING (TRAVEL)	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000224172	-	59,715
INVESTIGATION OF CONFORMAL CELL STRUCTURES IN CIRCULAR PIPES FOR HEAT TRANSFER	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000216415	-	31,393
LABVIEW SOFTWARE FOR HIGH RESOLUTION CT RECONSTRUCTION	81.RD	BATTELLE ENERGY ALLIANCE LLC	170312	-	28,957
LANL/MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY CYBER SECURITY SCIENCES INSTITUTE	81.RD	LOS ALAMOS NATIONAL LABORATORY	259565	-	67,833
MATERIALS SCIENCE & ENGINEERING SENIOR DESIGN GROUP #14	81.RD	SANDIA NATIONAL LABORATORY	1750202	-	3,313
METAL ADDITIVE MANUFACTURING MATERIALS ANALYSIS FOR MISSOURI S&T	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000216452	-	773,950
MISSOURI OZARK AMERIFLUX (MOFLUX) PROJECT PHASE					

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Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Total Federal Expenditures
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF SOUTH FLORIDA	5810-1021-00-A	\$	\$ 69,497
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	7,678
SPECIAL EDUCATION TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326	UNIVERSITY OF OREGON	224440A	-	400,982
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	5,000
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	ST LOUIS PUBLIC SCHOOLS	10137960	-	19,892
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	ST. LOUIS PUBLIC SCHOOLS	N/A	-	18,202
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	145,430
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF HIGH EDUCATION	N/A	105,456	661,881
		NATIONAL WRITING PROJECT CORPORATION	92-M003-SEED2012		
		NATIONAL WRITING PROJECT CORPORATION	92-MO01-SEED2012		
		NATIONAL WRITING PROJECT CORPORATION	92-MO01-SEED2016		
		NATIONAL WRITING PROJECT CORPORATION	92-MO03-SEED2017-CRWPPD		
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	NATIONAL WRITING PROJECT CORPORATION	92-MO03-SEED2017-ILI	-	19,684
GRANTS FOR STATE ASSESSMENTS AND RELATED ACTIVITIES	84.369	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	2,750
		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	116,525
SCHOOL IMPROVEMENT GRANTS	84.377	EDUCATION	N/A	-	116,525
STATE FISCAL STABILIZATION FUND (SFSF) - RACE-TO-THE-TOP INCENTIVE GRANTS	84.395	VANDERBILT UNIVERSITY	3762-018203	-	19
INVESTING IN INNOVATION (I3) FUND	84.411				

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ARRA - NURSE FACULTY LOAN PROGRAM	93.408			\$ -	\$ 117,387
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			-	1,738,823
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504			-	76,340
HEAD START	93.600			-	174,196
HEALTH CARE INNOVATION AWARDS (HCIA)	93.610			20,000	21,547
AFFORDABLE CARE ACT INITIATIVE TO REDUCE AVOIDABLE HOSPITALIZATIONS AMONG NURSING FACILITY RESIDENTS	93.621			548,394	4,745,611
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631			91,518	227,572
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632			-	578,505
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647			-	97,931
HEALTH INFORMATION TECHNOLOGY REGIONAL EXTENSION CENTERS PROGRAM	93.718			-	(9,699)
CARDIOVASCULAR DISEASES RESEARCH	93.837			151,095	6,298,543
LUNG DISEASES RESEARCH	93.838			-	260,479
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			74,396	1,515,554
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			232,153	2,715,810
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			-	1,514,497
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			958,969	5,714,016
MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH	93.856			-	183,600
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			300,100	6,061,517
CFL80WHEALTH IND RHUMA DEVELOPMENTS EXTRAMURAL					

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SICKLE CELL TREATMENT DEMONSTRATION PROGRAM	93.365	WASHINGTON UNIVERSITY	WU-16-207		
CANCER CAUSE AND PREVENTION RESEARCH	93.393	WASHINGTON UNIVERSITY	WU-17-287	\$ -	50,206
		UNIVERSITY OF KANSAS	FY2014-081	-	154,863
		UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC			
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INC	1R21CA204767	-	41,239
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	DUQUESNE UNIVERSITY	QR864360 250080	-	25,712
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD516825A	-	33,735
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD516825B	-	4,823
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	SURGISENSE CORPORATION	N/A	-	2,094
CANCER TREATMENT RESEARCH	93.395	WASHINGTON UNIVERSITY	WU-16-310	-	(9,035)
CANCER TREATMENT RESEARCH	93.395	ALLIANCE FOR CLINICAL TRIALS IN ONCOLOG	MO036	-	(30)
		CHILDRENS HOSPITAL OF PHILADELPHIA	CCOP: U10CA095861	-	
CANCER TREATMENT RESEARCH	93.395	CHILDRENS HOSPITAL OF PHILADELPHIA	9500080215-12C	-	7,208
CANCER TREATMENT RESEARCH	93.395	CHILDRENS HOSPITAL OF PHILADELPHIA	NCORP FP00017458_SUB142	-	(526)
		ISO THERAPEUTIC GROUP, LLC	N/A	-	
CANCER TREATMENT RESEARCH	93.395	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD517367	-	55,366
CANCER TREATMENT RESEARCH	93.395	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD517367B	-	1,472
CANCER TREATMENT RESEARCH	93.395	ONCOVIR INC	ONC2014-001	-	48,096
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF IOWA	W000651422	-	2,100
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2013-069-M2	-	60,697
CANCER BIOLOGY RESEARCH	93.396	FLORIDA ATLANTIC UNIVERSITY	RJ86	-	143,680
		MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD518793	-	
		MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD518793A	-	
CANCER CENTERS SUPPORT GRANTS NON-ACA/PPHF BUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.424	ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	N/A	-	4,073
PREGNANCY ASSISTANCE FUND PROGRAM	93.433	UNIVERSITY OF ILLINOIS SYSTEM	90DT5020	5,000	14,378
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.500	PARENTS AS TEACHERS NATIONAL CENTER	N/A	-	39,444
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505	CHILDREN'S MERCY HOSPITAL	16-0001	-	67
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380162	-	131,730
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC13380090	-	
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380166	-	
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC16380067	-	
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH1616B0001	-	304,660
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM THE AFFORDABLE CARE ACT: BUILDING EPIDEMIOLOGY, LABORATORY, AND HEALTH INFORMATION SYSTEMS CAPACITY IN THE EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASE (ELC) AND EMERGING INFECTIONS PROGRAM (EIP) COOPERATIVE AGREEMENTS;PPHF	93.521	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380133	-	46,700
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC15380152	-	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.558	MISSOURI DEPARTMENT OF SOCIAL SERVICES	DC11-02863 (TANF)	605,095	642,046
	93.575	COLUMBIA PUBLIC SCHOOLS	N/A	-	54,173
		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	-	331,631
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380146	-	
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380011	-	
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380146	-	
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC15380293	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	93.575	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC17380029	-	2,046,516
CHILD CARE AND DEVELOPMENT FUND HEALTH CARE INNOVATION AWARDS (HCIA)	93.590	CHILDRENS TRUST FUND	N/A	34,500	72,197
	93.596	MISSOURI DEPARTMENT OF SOCIAL SERVICES	DC11-02863 (CCDF)	-	7,179
	93.610	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	GMS-1C1-12-001	-	74,923
		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	AOC11380081	-	
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630	MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	AOC14380023	-	185,905
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	PGA10-08001	-	63,720
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	NATIONAL ASSOCIATION OF STATE DIRECTORS OF DEVELOPMENTAL DISABILITIES	N/A	-	18,701
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	SELF ADVOCATES BECOMING EMPOWERED	90DNRC0001	-	20,138
		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	90DM0001-03-00	-	
		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2016-097	-	
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG271500015	-	2,252
CHILDREN'S JUSTICE GRANTS TO STATES	93.643	MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG271500016	-	134,697
		NATIONAL CHILD WELFARE WORKFORCE INSTITUTE	15-52	-	624
		NATIONAL CHILD WELFARE WORKFORCE INSTITUTE	90CT7002	-	8,679
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION FOSTER CARE_TITLE IV-E	93.648	NATIONAL CHILD WELFARE WORKFORCE INSTITUTE	SUBCONTRACT #14-59	-	624
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT HEALTH INFORMATION TECHNOLOGY REGIONAL EXTENSION CENTERS PROGRAM	93.658	MISSOURI DEPARTMENT OF SOCIAL SERVICES	N/A	-	8,679
	93.701	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	HHSN271200900019C	-	46,165
	93.718	T49AM	93.718STANCILD-143A3ION CENTERS PROGRAMN.6 # (9F SOCIAL-HIT/094- SU697249[(-	6316.3(20,138))TJ 9.0211 0 TD7,07

AROC15380162N CENTERS PRO9-M2)31)TJ 1.20ALGG 81998 0 T4 ((46.89161)-6316.3(20,138))TJ 9.0211 0 TD7,07

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INTERGOVERNMENTAL PERSONNEL ACT AGREEMENT EXECUTIVE OFFICE OF THE PRESIDENT TOTAL	95.U01	COUNCIL OF ECONOMIC ADVISERS	N/A	\$ - \$	115,724 <u>115,724</u>
DEPARTMENT OF HOMELAND SECURITY					
DEPARTMENT OF HOMELAND SECURITY DIRECT PROGRAMS					
STATE FIRE TRAINING SYSTEMS GRANTS	97.043			-	(193)
ASSISTANCE TO FIREFIGHTERS GRANT	97.044			-	<u>155,477</u>
DEPARTMENT OF HOMELAND SECURITY DIRECT PROGRAMS TOTAL					
				-	<u>155,284</u>
DEPARTMENT OF HOMELAND SECURITY PASS THROUGH PROGRAMS					
NATIONAL DAM SAFETY PROGRAM	97.041	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	-	65,866
EMERGENCY MANAGEMENT PERFORMANCE GRANTS	97.042	STATE EMERGENCY MANAGEMENT AGENCY	2080160001	-	41,300
CENTERS FOR HOMELAND SECURITY	97.061	KANSAS STATE UNIVERSITY	S15080	-	36,068
HOMELAND SECURITY GRANT PROGRAM	97.067	EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	49587005-MUFRTI-012716	-	10,300
NATIONAL NUCLEAR FORENSICS EXPERTISE DEVELOPMENT PROGRAM	97.130	UNIVERSITY OF SOUTH CAROLINA	15-2858	-	48,599
DEPARTMENT OF HOMELAND SECURITY PASS THROUGH PROGRAMS TOTAL					
				-	<u>202,133</u>
DEPARTMENT OF HOMELAND SECURITY TOTAL					
				-	<u>357,417</u>
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT					
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT DIRECT PROGRAMS					
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001			-	2,925
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT DIRECT PROGRAMS TOTAL					
				-	<u>2,925</u>
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT PASS THROUGH PROGRAMS					
ADAPTATION OF SOYBEAN IN TROPICAL CLIMATES FOR SMALLHOLDER FARMERS	98.U02	PURDUE UNIVERSITY	8000069611	-	16,255
RYAN DIBALA: INTERSPECIFIC INTERACTIONS AMONG TREES, SHRUBS, AND GRASS IN A DRY TROPICAL SILVOPASTORAL SYSTEM ON THE AZUERO PENINSULA, PANAMA	98.RD	PURDUE UNIVERSITY	8000069606	-	9,294
USAID AGRICULTURE AND RURAL DEVELOPMENT SUPPORT	98.U01	CHEMONICS INTERNATIONAL INC	SUB-325	-	2,737
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	LINC LLC	LINC-SUB-UM-17-0001	-	2,974
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	MICHIGAN STATE UNIVERSITY	RC102095BHEARD	-	56,847
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	PENNSYLVANIA STATE UNIVERSITY	4933-UM-AID-0077	-	88,244
		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-05		
		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-13		
		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-14	70,505	342,760
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT PASS THROUGH PROGRAMS TOTAL					
				70,505	519,111
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT TOTAL					
				<u>70,505</u>	<u>522,036</u>
TOTAL EXPENDITURES OF FEDERAL AWARDS				\$ 24,016,659	\$ 746,907,654

Federal

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University of Missouri System
 Schedule of Expenditures of Federal Awards
 Summary of Program Clusters
 Year Ended June 30, 2017

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Total Federal Expenditures
OAK WOODLANDS & FOREST FIRE CONSORTIUM	10.RD		16-JV-11242311-074	\$ 72,739
OAK WOODLANDS & FORESTS FIRE CONSORTIUM	10.RD		14-JV-11242311-095	4,077
POPULATION ESTIMATE FOR BLACK-BACKED WOODPECKERS (PICOD)	10.RD		14-JV-11221632-104	32,447
RECRUITMENT DYNAMICS IN NATURALLY REGENERATED LONGLEAF PINE	10.RD		15-JV-11330123-051	8,024
RESPONSE OF SONGBIRDS TO PINE SAVANNA AND WOODLAND RESTORATION	10.RD		13-CR-11242311-047	49,408
RUPRI TECHNICAL ASSISTANCE TO EASTERN KENTUCKY'S SOAR INITIATIVE	10.RD		RBS-14-01	(2,483)
SCAR CLOSURE FROM PRESCRIBED FIRE IN OAK SAVANNA	10.RD		14-JV-11242316-061	2,167
SONGBIRD DEMOGRAPHIC RESPONSES TO LANDSCAPE AND CLIMATE	10.RD		14-CR-11242311-064	23,969
THE SURVIVAL AND PERFORMANCE OF IMPROVED SHORTLEAF PINE SEEDLINGS	10.RD		16-JV-11242311-080	8,161
TREE REGENERATION ADEQUACY METRICS FOR THE CENTRAL STATE	10.RD		15-JV-11242311-090	52,456
ECONOMIC ADJUSTMENT ASSISTANCE	11.307			28,523
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS COLLABORATIVE RESEARCH AND DEVELOPMENT	11.609			238,565
ELECTRONIC ABSENTEE SYSTEMS FOR ELECTIONS	12.114			151,665
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.217	BOONE COUNTY	N/A	(27)
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	INNOVATIVE VETERINARY MEDICINE INC	7001-03	3,344
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	RADIATION DETECTION TECH INC	N00014-15-P-1181	19,644
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			1,592,106
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	BROWN UNIVERSITY	00000683	10,439
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	PENNSYLVANIA STATE UNIVERSITY	5015-MUST-STRA-0085	(7,576)
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	UNIVERSITY OF TENNESSEE	A16-0325-S001	123,522
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351			634,346
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	COLUMBIA UNIVERSITY	1GG009710	114,736
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	FOUNDATION FOR ADVANCING VETERANS HEALTH RESEARCH	PUGDODEP150013-UMSL	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	FOUNDATION FOR ADVANCING VETERANS HEALTH RESEARCH	ROYALLDOD/UMO	84,317
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HENRY M JACKSON FOUNDATION	3671	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HENRY M JACKSON FOUNDATION	825012	97,829
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	STANFORD UNIVERSITY	61151604 - 118921	72,755
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	VIRGINIA COMMONWEALTH UNIVERSITY	PT108802-SC107143	220,740
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			1,945,040
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TE691	189,743
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF MARYLAND	31590-Z8415101	78,690
BASIC SCIENTIFIC RESEARCH	12.431			2,201,240
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	AUDUBON MISSOURI	N/A	1,794
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	CATERPILLAR INC	0044273	171,573
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630			63,274
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	ARRAY INFO TECH	SUB A016-2014 0047369	36,850
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	EWI	0048952	28,824
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INDIANA UNIVERSITY	BL-4331206-MS	30,029
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INTELLIGENT FUSION TECHNOLOGIE	010-2	(91,075)
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	OHIO STATE UNIVERSITY	60051333	19,979
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TC133	33,083
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	086337-16354	19,823
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF NEW HAMPSHIRE	16-053	49,389
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			1,471,892
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901			23,872
GENCYBER GRANTS PROGRAM	12.903			104,086
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			64
A FULLY INTEGRATED MEMBRANE BIOREACTOR SYSTEM FOR WASTEWATER	12.RD	UNIVERSITY OF SOUTHERN CALIFORNIA	59843551	74,426
ACUTE MRI CHANGES IN ASSOCIATION WITH A SINGLE HYPOBARIC EXPOSURE	12.RD	WYLE LAB INC	T72708	91,026
ADDITIVE MANUFACTURING OF GRIN OPTICS	12.RD		FA8650-16-C-5412	55,549
ASSESS T-CELL MEDIATED IMMUNOGENICITY AND CLINICAL PROTEIN CASTING AND ADVANCED STEEL TECHNOLOGY (CAST)	12.RD	STEEL FOUNDERS' SOCIETY OF AMERICA	N32398-13-P-0354	6
COMPACT 500KV, HIGH ENERGY DENSITY CAPACITOR FOR PULSED POWER APPLICATIONS	12.RD		CAST-001	37,567
COMPACT HIGH POWER, NANODIELECTRIC MICROWAVE ANTENNA FOR MAN PORTABLE SYSTEMS	12.RD	ADVANCED TECH INTL	DOTC-17-01-INIT051	124,277
DELAY TOLERANT NETWORK SOFTWARE AND HARDWARE SYSTEM	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT00	(2,813)
DESIGN AND PROTOTYPING OF A REAL-TIME MILLIMETER WAVE COMMUNICATOR	12.RD		FA8750-16-C-0148	76,090
COMPRESSIVE SENSING IMAGE	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7605-400-16-SC1608	212,078

University of Missouri System
Schedule of Expenditures of Federal Awards
Summary of Program Clusters
Year Ended June 30, 2017

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Total Federal Expenditures
IMPROVED HEAD-NECK FINITE ELEMENT MODEL FOR DYNAMIC HEAD IMPACT SIMULATION	12.RD	JOHNS HOPKINS UNIVERSITY	134558	\$ 19,870
INCORPORATION OF SURFACE RESIDUAL STRESS ENGINEERING	12.RD	BOEING CO	1110264	80,173
IPA AGREEMENT FOR MR. LEE BUNCH WITH DEPT OF ARMY (FLW)	12.RD		0048507	46,173
MANUFACTURING EFFICIENCY AND CAPABILITY: IMPROVEMENT OF FLOW PROPERTIES OF THERMAL BATTERY COMPONENT POWDERS	12.RD	CFD RESEARCH CORPORATION	20160532	11,617
MICROWAVE METHODOLOGY DEVELOPMENT FOR EVALUATING DEGRADATION	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7119-400-12-SC1511	6,647
MULTIMODAL NONDESTRUCTIVE EVALUATION OF INTERNAL SURFACES OF HOLES IN STEEL STRUCTURES	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	F7622-SC1636	30,000
MULTI-MODE MICROPROPULSION CUBESAT TECHNOLOGY DEMONSTRATION	12.RD	UTAH STATE UNIVERSITY	CP0039814	34,956
NEXT GENERATION NANO-ELECTRONIC CIRCUIT ELEMENTS USING GRAPHENE	12.RD	NANO-ELECTROMAGNETICS LLC	N/A	47,945
NEXT GENERATION NANO-ELECTRONIC CIRCUIT ELEMENTS USING GRAPHENE	12.RD	RADIATION DETECTION TECHNOLOGY INC	N/A	114,123
NEXT GENERATION NANO-ELECTRONIC CIRCUIT ELEMENTS USING GRAPHENE	12.RD	TECHNICAL DATA ANALYSIS INC	N/A	26,751
NON-CHROMATE PASSIVATION FOR LHE ZNN	12.RD		W912HQ-15-C-0065	11,203
NOVEL MULTI-SCALE/MULTI-PHYSICS INTEGRATED TOOL FOR THE ONBOARD WIDE AREA MOTION IMAGERY (WAMI) DETECTION AND TRACKING IN URBAN SCENES	12.RD	TECHNICAL DATA ANALYSIS INC	2038-001-01	28,000
RAPID AND RELIABLE IDENTIFICATION DETECTIONS OF COUNTERFEIT ELECTRONIC COMPONENTS	12.RD	KITWARE INC	K000977-00S02	(3,974)
REGION A DO19 LOT 1	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	F7623-SC1637	45,000

University of Missouri System
 Schedule of Expenditures of Federal Awards
 Summary of Program Clusters
 Year Ended June 30, 2017

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Total Federal Expenditures
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	MICHIGAN STATE UNIVERSITY	RC103369UMSL	\$ 8,994
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	UNIVERSITY OF VIRGINIA	GG11811 147780	15,903
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560			515,497
SPECIAL DATA COLLECTIONS AND STATISTICAL STUDIES	16.734			85,386
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	KANSAS CITY MISSOURI POLICE DEPARTMENT	2016-WY-BX-0006	29,882
EDWARD BYRNE MEMORIAL COMPETITIVE GRANT PROGRAM	16.751	CITY OF ST LOUIS METRO POLICE DEPARTMENT	2016-DG-BX-K001	4,171
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817	CITY OF ST LOUIS DEPARTMENT OF HEALTH	HD CONTRACT #16-27	66,883
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817	KANSAS CITY METRO CRIME COMMISSION	N/A	7,642
ATF EXPLOSIVE ENGINEERING COURSE	16.RD		DJA-15-AHDQ-K-018	419,909
PHELPS COUNTY SHERIFF DEPT DESIGN PROTOTYPE AND BUILD SHELVES	16.RD	PHELPS COUNTY SHERIFF'S DEPARTMENT	N/A	2,150
VICTIM-OFFENDER OVERLAP SURVEY (VOOS)	16.RD		2016-BJ-R-1280	54,570

Cluster Name/Prgram Title	Federal CFDA Number	Pass-Through Entit	Pass-Through Entity or Other	Total Federal
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University of Missouri System
 Schedule of Expenditures of Federal Awards
 Summary of Program Clusters
 Year Ended June 30, 2017

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Total Federal Expenditures
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008			\$ 867,853
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MASSACHUSETTS INSTITUTE OF TECHNOLOG	5710004152	65,858
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MISSOURI SCIENCE CORPORATIO	00050313	166,482
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	NORTH CAROLINA STATE UNIVERSIT	2015-2076-01	87,644
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PHDS CO	N/A	1,962

University of Missouri System
 Schedule of Expenditures of Federal Awards
 Summary of Program Clusters
 Year Ended June 30, 2017

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Total Federal Expenditures
RAPID DEDUCTION AND COMPARATIVE GENOMICS OF SURVIVAL MECHANISMS OF METAL-REDUCING MICROBES. FY 2012, 2013 & 2014 WALL PROJECT TITLE: GENETICS AND PHYSIOLOGY OF ANAEROBIC MICROBES	81.RD	LAWRENCE BERKELEY NATIONAL LABORATORY	6700892	\$ 555,430
S3TEC ENERGY FRONTIER RESEARCH CENTER - UNIVERSITY OF MISSOURI	81.RD	OAK RIDGE NATIONAL LABORATORY HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	4000142104	47,012
SUMMER RESEARCH EXPERIENCE IN ADDITIVE MANUFACTURING THIN CURVED PLATE HYDRAULIC TEST	81.RD	ARGONNE NATIONAL LABORATORY	N/A	3,000
TRAVEL, HOUSING, AND SUBSISTENCE FOR VISITORS RUIQIYYA KARIMOVA AND YEGANA MURADOVA	81.RD	LAWRENCE LIVERMORE NATIONAL LABORATORY	6J-00005-000	44,423
UNDERGRADUATE INTERNATIONAL STUDIES AND FOREIGN LANGUAGE PROGRAMS	81.RD	LAWRENCE LIVERMORE NATIONAL LABORATORY	B618520	11,484
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.016	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION		11,735
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	1,756
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.200			867,825
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	JOHNS HOPKINS UNIVERSITY	2002639185	75,500
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			2,053,991
RESEARCH IN SPECIAL EDUCATION	84.324	IOWA STATE UNIVERSITY	432-28-02	8,296
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF MINNESOTA	A003348601	78,738
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF SOUTH FLORIDA	5810-1021-00A	69,497
RESEARCH IN SPECIAL EDUCATION	84.324			305,689
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325			86,116
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	ST LOUIS PUBLIC SCHOOLS	10137960	19,892
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF HIGH EDUCATION	N/A	13,152
STATE FISCAL STABILIZATION FUND (SFSF) - RACE-TO-THE-TOP INCENTIVE GRANTS	84.395	VANDERBILT UNIVERSITY	3762-018203	19
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103			23,892
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	ARKANSAS CHILDRENS HOSPITAL RESEARCH INSTITUTE	034492	43
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			7,132
ENVIRONMENTAL HEALTH	93.113	INDIANA UNIVERSITY	BL-4645301-UM	9,496
ENVIRONMENTAL HEALTH	93.113	NORTH CAROLINA STATE UNIVERSITY	2011-1830-01	(1,499)
ENVIRONMENTAL HEALTH	93.113			1,567,212
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CLEMSON UNIVERSITY	1723-209-2008855	6,813
ORAL DISEASES AND DISORDERS RESEARCH	93.121	WASHINGTON UNIVERSITY	WU-17-285	45,561
ORAL DISEASES AND DISORDERS RESEARCH	93.121			3,179,476
NIH SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143			13,300
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	INDIANA UNIVERSITY	BL-4635515-UMC	78,381
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	NUVIANT MEDICAL INC	15-NIDCD-001	5,291
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			106,369
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213			123,608
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	OREGON HEALTH SCIENCE UNIVERSITY	1005865_CUMISSOUR	45,395
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	RUTGERS UNIVERSITY	5879	47,987
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	RUTGERS UNIVERSITY	6117	4,630
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	UNIVERSITY OF PITTSBURGH	0042771(125364-2)	3,740
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	WASHINGTON UNIVERSITY	WU-15-123	1,600,359
MENTAL HEALTH RESEARCH GRANTS	93.242	BRANDEIS UNIVERSITY	403000	169,099
MENTAL HEALTH RESEARCH GRANTS	93.242	EXOCYTRONICS LLC	00047734	76,578
MENTAL HEALTH RESEARCH GRANTS	93.242	RAND CORPORATION	9920170010	18,746
MENTAL HEALTH RESEARCH GRANTS	93.242	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	1R34MH103835-01A1	19,692
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF HAWAII	KA150022	11,161
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF PITTSBURGH	0024980 (120775-1)	18,275
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF PITTSBURGH	0024980 127564-1	2,125,980
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			397,917
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247			620,495
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	UNIVERSITY OF NEBRASKA MEDICAL CENTER	34-5420-2006-126	20,577
ALCOHOL RESEARCH PROGRAMS	93.273	UNIVERSITY OF MEMPHIS	UNIVERSITY INDEX 5-4	159,858
ALCOHOL RESEARCH PROGRAMS	93.273	UNIVERSITY OF PITTSBURGH	0030254 (123938-1)	29,044
ALCOHOL RESEARCH PROGRAMS	93.273	WASHINGTON UNIVERSITY	WU-17-150	34,821
ALCOHOL RESEARCH PROGRAMS	93.273			2,619,150
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276	PARWAY MISSOURI SCHOOL DISTRICT	N/A	5,541
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5-30995	73,678
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			589,842
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND	93.283	WASHINGTON UNIVERSITY	WU-17-80	68,004
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND	93.283			124,979
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	OHIO STATE UNIVERSITY	60053590	88,324
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	OHIO STATE UNIVERSITY	60054616	88,324
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			350,724
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			50,193
TRANS-NIH RESEARCH SUPPORT	93.310	UNIVERSITY OF IOWA	W000922465	59,995
TRANS-NIH RESEARCH SUPPORT	93.310			363,466
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCE RESEARCH INFRASTRUCTURE PROGRAMS	93.350	WASHINGTON UNIVERSITY	WU-17-4	30,527
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCE RESEARCH INFRASTRUCTURE PROGRAMS	93.351	WASHINGTON UNIVERSITY CRYOCRATE LLC	WU-17-89 N/A	7,171

Federal

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University of Missouri System
Schedule of Expenditures of Federal Awards
Summary of Program Clusters
Year Ended June 30, 2017

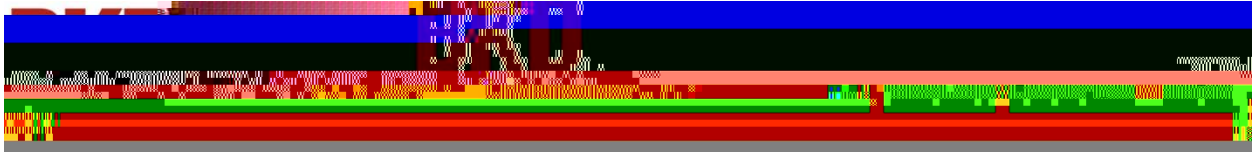
Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Total Federal Expenditures
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SNAP CLUSTER TOTAL	10.561	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICE	AOC10380257 AOC16380120	\$ 10,407,536 <u>\$ 10,407,536</u>
SPECIAL EDUCATION CLUSTER (IDEA)				
SPECIAL EDUCATION_GRANTS TO STATES	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	\$ 1
SPECIAL EDUCATION_GRANTS TO STATES SPECIAL EDUCATION CLUSTER (IDEA) TOTAL	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A N/A	3,224,635 <u>\$ 3,224,636</u>
STUDENT FINANCIAL AID				
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007			\$ 1,761,167
FEDERAL WORK-STUDY PROGRAM	84.033			2,771,609
PERKINS LOAN PROGRAM	84.038			36,461,284
FEDERAL PELL GRANT PROGRAM	84.063			52,944,247
FEDERAL DIRECT STUDENT LOANS	84.268			389,106,465
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379			218,967
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264			1,883,314
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342			18,290,408
NURSING STUDENT LOANS	93.364			1,562,504
ARRA - NURSE FACULTY LOAN PROGRAM	93.408			117,387
STUDENT FINANCIAL AID TOTAL				<u>\$ 505,117,352</u>
TANF CLUSTER				
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TANF CLUSTER TOTAL	93.558	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICE	AOC15380152 DC11-02863 (TANF)	\$ 642,046 <u>\$ 642,046</u>
TRIO CLUSTER				
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$ 238,617
TRIO_STUDENT SUPPORT SERVICES	84.042			610,934
TRIO CLUSTER TOTAL				<u>\$ 849,551</u>
WIA CLUSTER				
WIA DISLOCATED WORKER FORMULA GRANTS WIA CLUSTER TOTAL	17.278	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	99-21-16-16 99-21-16-17	\$ 227,183 <u>\$ 227,183</u>

University of Missouri System
Notes to the Schedules of Expenditures of Federal Awards
Year Ended June 30, 2017

Notes to Schedules

1. The accompanying schedule of expenditures of federal awards and schedule of expenditures of federal awards – summary of program clusters (the “Schedules”) include the federal award activity of University of Missouri System (the System) under programs of the federal government for the year ended June 30, 2017. The accompanying notes are an integral part of these Schedules. The information in these Schedules 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 Schedules present only a selected portion of the operations of the System, they are not intended to and do not present the financial position, changes in net position or cash flows of the System.
2. Expenditures reported on the Schedules 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 Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedules 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 Schedules. The balance of loans outstanding at June 30, 2017, consists of:

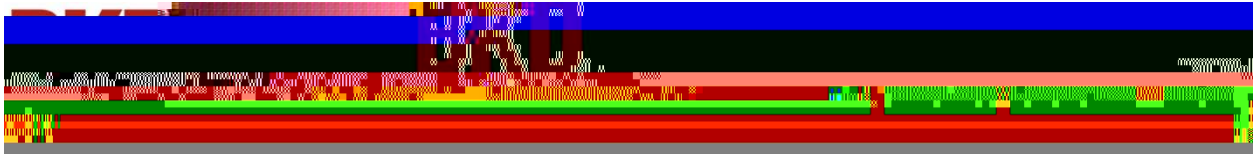
Federal Grantor/Program Title	Federal CFDA Number	Outstanding Balance at June 30, 2017
DEPARTMENT OF EDUCATION LOAN PROGRAMS		
PERKINS LOAN PROGRAM	84.038	\$ 30,615,709
FEDERAL DIRECT STUDENT LOANS	84.268	N/A
DEPARTMENT OF HEALTH AND HUMAN SERVICES LOAN PROGRAMS		
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264	\$ 1,737,035
ARRA - NURSE FACULTY LOAN PROGRAM	93.408	78,444
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	16,101,579
NURSING STUDENT LOANS	93.364	1,279,376



Independent Auditor's Report on Internal Control Over

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the System's financial statements are free of 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



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

Independent Auditor's Report

Board of Curators
University of Missouri System
Columbia, Missouri

Report on Compliance for Each Major Federal Program

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, 2017.

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 our 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 combination of deficiencies, in internO

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are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other

University of Missouri System
Schedule of Findings and Questioned Costs
Year Ended June 30, 2017

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

University of Missouri System
 Schedule of Findings and Questioned Costs (Continued)
 Year Ended June 30, 2017

7. The System's major programs were:

Cluster/Program	CFDA Number
Student Financial Assistance Cluster	
Federal Supplemental Educational Opportunity Grants	84.007
Federal Work Study Program	84.033
Perkins Loan Program	84.038
Federal Pell Grant Program	84.063
Federal Direct Student Loans	84.268
Teacher Education Assistance for College and Higher Education Grants	84.379
Nurse Faculty Loan Program	93.264
ARRA – Nurse Faculty Loan Program	93.408
Health Professional Student Loans	93.342
Nursing Student Loans	93.364
Cooperative Extension Service	10.500
Defense Nuclear Nonproliferation Research	81.113
Rehabilitation Services – Vocational Rehabilitation Grants to States	84.126
Education Innovation and Research	84.411

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?

University of Missouri System