University of Missouri System

Single Audit Reports

June 30, 2016

BKD LLP
CPAs & Advisors

University of Missouri System

Single Audit Reports and Schedule of Expenditures of Federal Awards

Year Ended June 30, 2016

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University of Missouri System
Schedule of Expenditures of Federal Awards
Year Ended June 30, 2016

Federal Grantor/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
DEPARTMENT OF AGRICULTURE					
DEPARTMENT OF AGRICULTURE DIRECT PROGRAMS					
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001				$ 19,311
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001				3,570,898
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025				86,534
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025				23,860
FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	10.156				25,071
FARMERS' MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.168				21,629
COOPERATIVE FORESTRY RESEARCH	10.202				585,990
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203				5,730,159
ANIMAL HEALTH AND DISEASE RESEARCH	10.207				73,114
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217			$ 95,246	139,063
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250				81,167
CONSUMER DATA AND NUTRITION RESEARCH	10.253				73,143
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290			414,667	1,016,516
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291			70,823	839,588
INTEGRATED PROGRAMS	10.303				208,069
INTERNATIONAL SCIENCE AND EDUCATION GRANTS	10.305				26,024
INITIATIVE	10.307				192,665
SPECIALTY CROP RESEARCH INITIATIVE	10.309				17,149
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310				59,071
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			1,284,969	4,675,210
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311			75,064	80,317
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319			188,112	240,699
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329			48,180	174,138
RISK MANAGEMENT EDUCATION PARTNERSHIPS	10.460			16,611	32,449
COOPERATIVE EXTENSION SERVICE	10.500			231,492	11,343,423
FARM TO SCHOOL GRANT PROGRAM	10.575				24,046
SCIENTIFIC COOPERATION EXCHANGE PROGRAM WITH CHINA	10.614				50,533
FORESTRY RESEARCH	10.652				947
FOREST HEALTH PROTECTION	10.680				64,017
RURAL BUSINESS ENTERPRISE GRANTS	10.769				47,032
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777				52,210
RURAL ENERGY FOR AMERICA PROGRAM	10.868			47,424	59,081
SOIL AND WATER CONSERVATION	10.902				13,974
SOIL AND WATER CONSERVATION	10.902				89,306
SOIL SURVEY	10.903				3,728
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912			34,107	585,510
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912				44,430
WILDLIFE HABITAT INCENTIVE PROGRAM	10.914				16,900
CONSERVATION STEWARDSHIP PROGRAM	10.924				159
TECHNICAL AGRICULTURAL ASSISTANCE	10.960				1,851,520
COCHRAN FELLOWSHIP PROGRAM-INTERNATIONAL TRAINING-FOREIGN PARTICIPANT	10.962			1,884	421,821
EFFECTS OF WIND ENERGY ON SUSTAINABILITY OF GREATER SAGE	10.RD		10-JV-11221632-215		(70)
COMPARING THE EFFECTS OF PRESCRIBED BURNING AND THINNING	10.RD		10-JV-11242311-123		14
PROFESSIONAL AND TECHNICAL ASSISTANCE FOR RESEARCH IN NAT	10.RD		11-CR-11242311-031		21,884
FIRE HISTORY FOR MANAGERS IN EASTERN NORTH AMERICA	10.RD		11-JV-11242311-054		67,781
IMPACTS OF WNS: EASTERN BAT SPECIES	10.RD		099		94,695
DEVELOPING A STRATEGY AND PROTOCOLS FOR MONITORING OAK R	10.RD		12-CS-11242311-141		12,310

University of Missouri System
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	Federal Expenditures
AGENT-BASED MODELING OF PRIVATE LANDOWNERS	10.RD		070		$ 15,369
LOCALIZED SPATIAL ESTIMATION OF FOREST ATTRIBUTES IN THE	10.RD		12-JV-11242305-120		12,649
EFFECTS OF SAVANNA-WOODLAND RESTORATION ON BAT ABUNDANCE	10.RD		12-JV-11242311-068		71,082
CHARACTERIZING AND COMPARING OAK FORESTS IN COLOMBIAN HI	10.RD		12-JV-11242311-072		3,657
FORECASTING LANDSCAPE CHANGE UNDER SAVANNAH AND WOODLAND	10.RD		12-JV-11242311-091		7,526
MILL CREEK WATERSHED ASSESSMENT	10.RD		018		19,282
RESPONSE OF SONGBIRDS TO PINE SAVANNA AND WOODLAND RESTO	10.RD		13-CR-11242311-047		77,621
ECOLOGY OF MALE GREATER SAGE-GROUSE	10.RD		046		26,848
ECONOMIC IMPLICATIONS OF LANDSCAPE-SCALE FOREST DISTURBA	10.RD		13-JV-11242311-063		44,696
AGROFORESTRY AS A CLIMATE CHANGE MITIGATION AND ADAPTATI	10.RD		13-JV-11330152-058		1,690
SONGBIRD DEMOGRAPHIC RESPONSES TO LANDSCAPE AND CLIMATE	10.RD		14-CR-11242311-064		32,945
POPULATION ESTIMATE FOR BLACK-BACKED WOODPECKERS (PICOID	10.RD		14-JV-11221632-104		44,032
APPLIED HISTORICAL ECOLOGY OF FIRE IN REMNANT PINE FORES	10.RD		14-JV-11242302-143		2,582
HABITAT AND LANDSCAPE EFFECTS ON BIRD DEMOGRAPHICS	10.RD		14-JV-11242311-059		8,238
MORPHOLOGICAL CHARACTERIZATION OF HICKORY AND BLACK WALN	10.RD		14-JV-11242311-063		882
EFFECTS OF STAND DENSITY AND COMPOSITION ON MITIGATION A	10.RD		14-JV-11242311-065		38,217
GENETIC VARIATION IN ADAPTIVE TRAITS TO REDUCED LIGHT FO	10.RD		14-JV-11242311-073		57,307
OAK WOODLANDS & FORESTS FIRE CONSORTIUM	10.RD		095		135,400
COMBINING LANDIS-II AND LANDIS-PRO INTO A COMMON FRAMEWO	10.RD		14-JV-11242311-116		74,549
COMPARING THE EFFECTS OF PRESCRIBED BURNING AND THINNING	10.RD		14-JV-11242311-122		25,124
EFFECTS OF FUELS TREATMENTS ON REDUCTION OF FIRE RISK AN	10.RD		14-JV-11242311-123		10,932
EFFECTS OF FUELS TREATMENTS ON REDUCTION OF FIRE RISK AN	10.RD		14-JV-11242311-131		21,260
SCAR CLOSURE FROM PRESCRIBED FIRE IN OAK	10.RD		061		1,762
EFFECTS OF CLIMATE CHANGE, DROUGHT AND INSECTS ON OAK PI	10.RD		14-JV-11330134-049		18,458
FIRE RESTORATION BAT MONITORING AND HABITAT MODELING	10.RD		15-CS-11051100-008		74,005
TREE REGENERATION ADEQUACY METRICS FOR THE CENTRAL STATE	10.RD		15-JV-11242311-090		39,971
RECRUITMENT DYNAMICS IN NATURALLY REGENERATED LONGLEAF P	10.RD		15-JV-11330123-051		15,869
ADULT SURVIVAL VIABILITY OF A GOLDEN-CHEEKED WARBLER POP	10.RD		16-JV-11242311-044		4,966
FSA--GREAT RIVERS CESU 2013-2018	10.U01		N/A		1,792
2014 FARM BILL -PRODUCER EDUCATION - UNIV OF MO EXTENSIO	10.U02		58-0510-4-036 N		55,704
TOTAL DEPARTMENT OF AGRICULTURE DIRECT PROGRAMS				$ 2,508,579	33,801,500
DEPARTMENT OF AGRICULTURE PASS THROUGH PROGRAMS					
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	MISSOURI DEPARTMENT OF AGRICULTURE	N/A		13,206
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	14-SCBGP-MO-0029		7,149

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SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	N/A		$ 6,012
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI VEGETABLE GROWERS ASSOCIATION	N/A		3,724
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	14-SCBGP-MO-0029		17,970
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	LINCOLN UNIVERSITY	2015-3570		2,511
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	N/A		37,032
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200	PURDUE UNIVERSITY PURDUE UNIVERSITY	8000064758-AG 8000071292-AG		76,042
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215	NORTH CENTRAL REGIONAL SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION NORTH CENTRAL REGIONAL SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA	H004403701 H004991204 H003679413 H004403715 H004991201 H004991217	$ 2,618	148,429 166,986
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215	NORTH CENTRAL REGION SUSTAINABLE AG RESEARCH & EDUCATION	H002484801		7,619
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216	LINCOLN UNIVERSITY LINCOLN UNIVERSITY LINCOLN UNIVERSITY LINCOLN UNIVERSITY LINCOLN UNIVERSITY	2014-3555 2014-3556 3510B 3511 3529A		161,930
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217	SOUTH DAKOTA STATE UNIVERSITY	3TG607		14,083
CONSUMER DATA AND NUTRITION RESEARCH	10.253	UNIVERSITY OF KENTUCKY	3048110944-15-178		2,277
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255	UNIVERSITY OF WISCONSIN MADISON	613K756		11,064
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255	RIDGE CENTER FOR TARGETED STUDIES	8000069782	16,543	18,197
INTEGRATED PROGRAMS	10.303	MICHIGAN STATE UNIVERSITY	RC102887A		(210)
HOMELAND SECURITY_AGRICULTURAL	10.304	MICHIGAN STATE UNIVERSITY	RC101676MO		55,050
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	MICHIGAN STATE UNIVERSITY	RC103692A		14,192
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	PURDUE UNIVERSITY PURDUE UNIVERSITY	8000041932-AG 8000067462-AG		129,679
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	SOUTH DAKOTA STATE UNIVERSITY	3TC462		76,865
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-6226-0395-002		17,228
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	TEXAS A&M UNIVERSITY TEXAS A&M UNIVERSITY	06-S160685 S110071		15,621
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LOUISIANA STATE UNIVERSITY	100075		67,737
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WYOMING	1001391-MISSOURI		28,304
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	AUBURN UNIVERSITY	13-AGR-373036-UM		9,469
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF SOUTH CAROLINA	15-2783		46,184
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF CALIFORNIA - DAVIS	201015718-23		32,828
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY IOWA STATE UNIVERSITY	416-40-63H 416-41-54A		106,016
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LINCOLN UNIVERSITY LINCOLN UNIVERSITY LINCOLN UNIVERSITY	2014-3553 2014-3560 3537A		102,475
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	NORTH CAROLINA STATE UNIVERSITY	2015-0097-01		39,742

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AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF GEORGIA	RC294-343/S001056		$ 16,170
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-1215-0117-002		59,319
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WISCONSIN MADISON	627K152		23,660
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	VIRGINIA TECH UNIVERSITY	422262-19228		4,882
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	UNIVERSITY OF VERMONT	29903SUB51956		10,119
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	UNIVERSITY OF ARKANSAS	UA AES 91132-02		14,026
BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE COMPETITIVE GRANTS PROGRAM (BRDI)	10.312	UNIVERSITY OF MINNESOTA	H001353202		197
FARM BUSINESS MANAGEMENT AND BENCHMARKING COMPETITIVE GRANTS PROGRAM	10.319	NORTH DAKOTA STATE UNIVERSITY	FAR-0022959	$ 8,330	17,628
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326	MISSOURI STATE UNIVERSITY	16041-001		8,501
COOPERATIVE EXTENSION SERVICE	10.500	CENTER FOR RURAL AFFAIRS IN NEBRASKA	NCRC14		1,824
COOPERATIVE EXTENSION SERVICE	10.500	PENNSYLVANIA STATE UNIVERSITY	5155-UM-USDA-2628		2,310
COOPERATIVE EXTENSION SERVICE	10.500	UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA	H002484604 H003044602 H003703701 H003703715		36,762
COOPERATIVE EXTENSION SERVICE	10.500	UNIVERSITY OF NEBRASKA - LINCOLN UNIVERSITY OF NEBRASKA - LINCOLN UNIVERSITY OF NEBRASKA - LINCOLN UNIVERSITY OF NEBRASKA - LINCOLN	25-6324-0119-308 25-6324-0119-315 25-6324-0150-012 25-6329-0086-307		74,351
FARMERS MARKET SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SUPPORT GRANTS	10.545	SUSTAINABLE FARMS AND COMMUNITIES	N/A		4,725
SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC14380012		26,323
CHILD AND ADULT CARE FOOD PROGRAM	10.558	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	ERS46110020 ERS4611511		13,798
STATE ADMINISTRATIVE EXPENSES FOR CHILD NUTRITION	10.560	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		2,539
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC10380257 AOC14380055 AOC16380120 N/A	55,792	11,400,543
TEAM NUTRITION GRANTS	10.574	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC14380041 AOC14380067		24,995
FARM TO SCHOOL GRANT PROGRAM	10.575	COLUMBIA PUBLIC SCHOOLS	N/A		15,203

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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	Federal Expenditures
CHILD NUTRITION DISCRETIONARY GRANTS LIMITED AVAILABILITY	10.579	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		$ 204,397
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	MICHIGAN STATE UNIVERSITY	RC102547B		2,842
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912	WORLD RESOURCES INSTITUTE	P1490		1,310
AGRICULTURAL STATISTICS REPORTS	10.950	NATIONAL INSTITUTE OF STATISTICAL SCIENCE	MOU 10-01		73
MRBI STUDY - GLADB	10.RD	RICKY JAMES GLADBACH	2008 746424106XT		(262)
MRBI STUDY - TRUST	10.RD	GV & JS GLADBACH TRUST	2008 746424106Z1		6,409
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	C&J PATKE FAMILY LP	2008 7464241112K5		(6,719)
MRBI STUDY - MECHLIN	10.RD	MARY E MECHLIN	2008 746424112JR		(489)
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	TRIPLETT FARMS INC	2008 746424112KN		64
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	CHARLES W COCHRAN REVOCABLE TRUST	2008 746424114V1		308
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	ALITA ANN JOHNSON REVOCABLE TRUST	2008 7464241154S		13,417
MRBI STUDY - PRATT	10.RD	DONNIE PRATT	N/A		(4,108)
MRBI STUDY - MORRIS	10.RD	ORA CLAY MORRIS JR.	N/A		1,321
STRONGER ECONOMIES TOGETHER (SET) - MISSOURI	10.U03	MISSISSIPPI STATE UNIVERSITY	018000.340753.04		42,890
AGRICULTURAL INNOVATION PROGRAM - PAKISTAN	10.U04	UNIVERSITY OF CALIFORNIA DAVIS	201400223-11		31,273
2016 MU BIOTECHNOLOGY REGULATION IMMERSION COURSE (MUBRI	10.U05	US SOYBEAN EXPORT COUNCIL	16TH08F14A		403
TOTAL DEPARTMENT OF AGRICULTURE PASS THROUGH PROGRAMS				$ 83,283	13,486,415
TOTAL DEPARTMENT OF AGRICULTURE				$ 2,591,862	$ 47,287,915
DEPARTMENT OF COMMERCE					
DEPARTMENT OF COMMERCE DIRECT PROGRAMS					
CLUSTER GRANTS	11.020				$ 252,762
ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.303				444,242
ECONOMIC ADJUSTMENT ASSISTANCE	11.307				155,401
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313				1,134,526
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609			$ (587)	243,683
TOTAL DEPARTMENT OF COMMERCE DIRECT PROGRAMS				(587)	2,230,614
DEPARTMENT OF COMMERCE PASS THROUGH PROGRAMS					
STATE BROADBAND DATA AND DEVELOPMENT GRANT PROGRAM	11.558	MISSOURI OFFICE OF ADMINISTRATION	ARRA RIN-0660-ZA29		(1)
MANUFACTURING EXTENSION PARTNERSHIP	11.611	MISSOURI ENTERPRISE BUS ASSISTANCE	N/A		720,858
TOTAL DEPARTMENT OF COMMERCE PASS THROUGH PROGRAMS					720,857
TOTAL DEPARTMENT OF COMMERCE				$ (587)	$ 2,951,471
DEPARTMENT OF DEFENSE					
DEPARTMENT OF DEFENSE DIRECT PROGRAMS					
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002				$ 651,163
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114				20,502
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114				67,315
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				1,162,082
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351				220,156
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			$ 335,415	1,525,999
BASIC SCIENTIFIC RESEARCH	12.431			838,626	2,264,487
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630				104,719

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AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			$ 450,309	$ 2,011,207
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901				18,874
GENCYBER GRANTS PROGRAM	12.903				85,455
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			45,000	128,148
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910				18,180
IPA AGREEMENT FOR MR. LEE BUNCH WITH DEPT OF ARMY (FLW)	12.RD		0048507		8,826
ADDITIVE MANUFACTURING OF GRIN OPTICS	12.RD		FA8650-16-C-5412		85
REGIONAL PHASE ATTENUATION ACROSS THE ZAGROS: A DETAILE	12.RD		FA9453-14-C-0216	80,898	139,462
HRM REPLACEMENT	12.RD		N00014-14-P-1115		2,382
ASSESS T-CELL MEDIATED IMMUNOGENICITY AND CLINICAL PROTE	12.RD		N32398-13-P-0354		(8,562)
MULTI-SCALE APPROACH TO MANAGING SOURCE-SINKS DYNAMICS	12.RD		W912HQ-11-C-0077		31,745
NON-CHROMATE PASSIVATION FOR LHE ZNNI	12.RD		W912HQ-15-C-0065		138,797
TOTAL DEPARTMENT OF DEFENSE DIRECT PROGRAMS				1,750,248	8,591,022
DEPARTMENT OF DEFENSE PASS THROUGH PROGRAMS					
ELECTRONIC ABSENTEE SYSTEMS FOR ELECTIONS	12.217	BOONE COUNTY	N/A		(26)
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	RADIATION DETECTION TECH INC.	N00014-15-P-1181		25,326
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	BROWN UNIVERSITY	00000683		51,149
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	PENNSYLVANIA STATE UNIVERSITY	5015-MUST-STRA-0085		147,583
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	UNIVERSITY OF TENNESSEE	A16-0325-S001		39,239
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	COLUMBIA UNIVERSITY	1GG009710		19,602
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	STANFORD UNIVERSITY	61151604-118921		36,782
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HENRY M JACKSON FOUNDATION	825012		36,695
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	VIRGINIA COMMONWEALTH UNIVERSITY	PT108802-SC107143		249,178
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	FOUNDATION FOR ADVANCING VETERANS HEALTH RESEARCH	ROYALLDOD/UMO		18,245
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TE691		99,153
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF MARYLAND	31590-Z8415101		68,617
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	CATERPILLAR INC	0044273		31,792
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	AUDUBON MISSOURI	N/A		27,216
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	EWI	0047369		7,912
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	EWI	0048952		3,544
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TC133		7,531
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF NEW HAMPSHIRE	16-053		13,176
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	OHIO STATE UNIVERSITY	60051333		8,938
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INDIANA UNIVERSITY INDIANA UNIVERSITY	BL-4331200-MUS BL-4331206-MST		17,720
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	ARRAY INFORMATION TECH	SUB A016-2014		34,698
QUANTIFICATION OF UNCERTAINTY FOR ADVANCED DEAD RECKONIN	12.RD	APPLIED TECHNOLOGY ASSOC	150052		42,137

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ICECOOL APPLICATIONS	12.RD	BAE SYSTEMS	861556		$ (12,625)
INCORPORATION OF SURFACE RESIDUAL STRESS ENGINEERING INT	12.RD	BOEING CO	1110264		116,800
IFSP - OPTION YEAR 2 (2014-2015)	12.RD	BOOZ ALLEN HAMILTON	105087SBOT		122,852
NEXT GENERATION NANOELECTRONIC CIRCUIT ELEMENTS USING GR	12.RD	DIGITAL OPTICS TECH INC	N/A		28,530
SCALE UP OF DIELECTRIC FILMS FOR HIGH ENERGY DENSITY CAP	12.RD	GENERAL ATOMICS	4500054937		47,415
HARRIS REGION C COSTING PROPOSAL	12.RD	HARRIS CORP	A000332424		739,400
DEVELOPMENT OF HIGH ENERGY DENSITY CAPACITORS FOR MAN-PO	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT005	$ 29,085	354,824
SBIR ARMY'S PHASE I: PROPOSAL, RADIOLYTIC ATOMIC CELL FO	12.RD	INFINITY POWER LLC	A151-018-0600		31,884
HPC-MTT: HIGH PERFORMANCE COMPUTING ENABLED MULTIPLE-TAR	12.RD	INTELLIGENT FUSION TECH	012-2		(4,888)
PROCESSING OF INFRARED EMITTER MATERIALS FOR THERMOPHOTO	12.RD	JX CRYSTALS INC	51366		5,190
MEASUREMENTS AND TESTING OF NANOELECTROMAGNETICS COMPACT	12.RD	NANOELECTROMAGNETICS LLC	N/A		27,900
PORTABLE NEUTRON SPECTROMETER	12.RD	RADIATION DETECTION TECH INC	N/A		14,066
CASTING AND ADVANCED STEEL TECHNOLOGY (CAST)	12.RD	STEEL FOUNDERS SOCIETY OF AMERICA	CAST-001		31,324
COMPENDIUM OF WORLDWIDE RESEARCH IN THE AREA OF HYPERVEL	12.RD	SURVICE ENGINEERING CO	085001.026.0222.2015.03		24,801
NOVEL MULTI-SCALE/MULTI-PHYSICS INTEGRATED TOOL FOR THE	12.RD	TECHNICAL DATA ANALYSIS INC	2038-001-01		32,000
INVESTIGATION OF LATERAL CONTROL AUTHORITY OF ROTATING C	12.RD	THE CHARLES STARK DRAPER LABORATORY, INC	SC001-940		27,772
NEXT GENERATION MICRO-CHIP CARRIER FOR COOLING OF SATELL	12.RD	THERMAVANT TECH, LLC	0039678		12,859
VACCINE CANDIDATES FOR Q FEVER	12.RD	TEXAS A&M UNIVERSITY	23-S142344/M1402336		366,545
MICROWAVE METHODOLOGY DEVELOPMENT FOR EVALUATING DEGRADA	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7119-400-12-SC1511		23,991
STTR: NEXT GENERATION TRACKING ARCHITECTURES FOR URBAN	12.RD	ULTRAHINET LLC	N/A		35,584
A FULLY INTEGRATED MEMBRANE BIOREACTOR SYSTEM FOR WASTEW	12.RD	UNIVERSITY OF SOUTHERN CALIFORNIA	59843551		52,626
VERIFICATION AND VALIDATION OF ADAPTIVE SYSTEMS FOR HYPE	12.RD	UNIVERSAL TECH CORP	15-S2606-04-C27		24,615
SAMPLING FOR KEYPORT PHYTOREMEDIATION SITE	12.RD	URS GROUP INC	317657US		58,071
MULTI-MODE MICROPROPULSION CUBESAT TECHNOLOGY DEMONSTRAT	12.RD	UTAH STATE UNIVERSITY	CP0039814		17,983
FLW ENVIRONMENTAL SUPPORT RESEARCH	12.RD	VERSARWALLER	009552		8,079
ACUTE MRI CHANGES IN ASSOCIATION WITH A SINGLE HYPOBARIC	12.RD	WYLE LAB INC	T72708		71,367
TESLA 9: SYSTEM LEVEL FAILURE PREDICTION FROM IC MODELS	12.RD	XL SCIENTIFIC LLC	1020-001		18,838
DEVELOPMENT AND TESTING OF AN AUTONOMOUSLY CONTROLLED RO	12.RD	THE CHARLES STARK DRAPER LABORATORY, INC	W911QY-15-C-0006		2,982
DESIGN AND PROTOTYPING OF A REAL-TIME MILLIME	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7605-400-16-SC1608		67,438
TRAJECTORY RECONSTRUCTION ALGORITHMS FOR CONSISTENT EVEN	12.RD	APPLIED TECHNOLOGY ASSOC	150187		9,734
RESEARCH AND DEVELOPMENT OF RESILIENT SOLAR CELL COVER G	12.RD	APPLIED TECHNOLOGY ASSOC	160300		7,502
GEOINT DATA SERVICES (GDS) - FOUNDATION GEOINT CONTENT M	12.RD	HARRIS CORP	A000358080		278,978
HARRIS REGION A, DELIVERY ORDER 4 (BURMA)	12.RD	HARRIS CORP	A000372688		3,562

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COMPACT HIGH POWER, NANODIELECTRIC MICROWAVE ANTENNA FOR	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT006	$ 28,125	$ 240,815
IMS AFFILIATE MEMBER - TECHNICAL DATA ANALYSIS, INC.	12.RD	TECHNICAL DATA ANALYSIS INC	N/A		13,249
TETRA TECH ARSENIC BIAVAILABILITY STUDY	12.U01	TETRA TECHNOLOGIES, INC	1110134		26,952
TOTAL DEPARTMENT OF DEFENSE PASS THROUGH PROGRAMS				57,210	3,915,222
TOTAL DEPARTMENT OF DEFENSE				$ 1,807,458	$ 12,506,244
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT					
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT PASS THROUGH PROGRAMS					
COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	14.218	FERGUSON COMMISSION	N/A		$ 1,875
SUSTAINABLE COMMUNITIES REGIONAL PLANNING GRANT PROGRAM	14.703	MID AMERICA REGIONAL COUNCIL	N/A		341
DEMOLITION AND REVITALIZATION OF SEVERELY DISTRESSED PUBLIC HOUSING	14.866	URBAN STRATEGIES INC	N/A		6,587
CHOICE NEIGHBORHOODS PLANNING GRANTS	14.892	H3 STUDIO INC	014/UD/WPH/001-006		17,609
HEALTHY HOMES TECHNICAL STUDIES GRANTS	14.906	CHILDRENS MERCY HOSPITAL	13-0032		68,212
TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT					$ 94,624
DEPARTMENT OF THE INTERIOR					
DEPARTMENT OF THE INTERIOR DIRECT PROGRAMS					
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231				$ 1,711
RESEARCH GRANTS (GENERIC)	15.650				39,488
MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION	15.655				20,665
NATURAL RESOURCE DAMAGE ASSESSMENT, RESTORATION AND IMPLEMENTATION	15.658				15,478
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805			$ 7,248	107,739
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807				76,978
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				11,713
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808			11,769	333,900
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810				13,587
COOPERATIVE RESEARCH UNITS PROGRAM	15.812				379,302
NATURAL RESOURCE STEWARDSHIP	15.944				4,588
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				8,784
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				34,066
NATIONAL ATMOSPHERIC DEPOSITION PROGRAM	15.U01		G11PX00203		13,690
TOTAL DEPARTMENT OF THE INTERIOR DIRECT PROGRAMS				19,017	1,061,689
DEPARTMENT OF THE INTERIOR PASS THROUGH PROGRAMS					
SPORT FISH RESTORATION PROGRAM	15.605	MISSOURI DEPARTMENT OF CONSERVATION	380		38,049
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	STATE OF NEBRASKA	N/A		52,890

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		MISSOURI DEPARTMENT OF CONSERVATION			
		MISSOURI DEPARTMENT OF CONSERVATION			
		MISSOURI DEPARTMENT OF CONSERVATION	339		
			369		
		MISSOURI DEPARTMENT OF	373		
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	CONSERVATION	377	$ 44,847	$ 1,255,510
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	PENNSYLVANIA GAME COMMISSION	PO4300410870		125,323
COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND	15.615	MISSOURI DEPARTMENT OF CONSERVATION	375		8,200
MULTISTATE CONSERVATION GRANT PROGRAM	15.628	WESTERN NATIVE TROUT INITIATIVE	UM-UCRB-2014		5
STATE WILDLIFE GRANTS	15.634	TEXAS PARKS & WILDLIFE DEPARTMENT	N/A		28,563
STATE WILDLIFE GRANTS	15.634	OKLAHOMA DEPT OF WILDLIFE CONSERVATION	F13AF01165 (T-67-1)		18,166
MIGRATORY BIRD JOINT VENTURES	15.637	MISSISSIPPI STATE UNIVERSITY	191000.331290.09	17,653	112,991
COOPERATIVE LANDSCAPE CONSERVATION	15.669	TEXAS A&M UNIVERSITY	06-S140631	32,417	36,911
ADAPTIVE SCIENCE	15.670	STATE OF NEBRASKA	N/A		65,882
ADAPTIVE SCIENCE	15.670	MISSISSIPPI STATE UNIVERSITY	191000.331341.01		35,775
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820	UNIVERSITY OF MASSACHUSETTS	12 007036 E		88,054
NATIONAL HERITAGE AREA FEDERAL FINANCIAL ASSISTANCE	15.939	FREEDOM'S FRONTIER NATIONAL HERITAGE AREA	N/A		4,491
WATERFOWL HABITAT AND POPULATION MODELING TOOLS FOR HABI	15.RD	MISSOURI DEPARTMENT OF CONSERVATION	375		40,085
TOTAL DEPARTMENT OF THE INTERIOR PASS THROUGH PROGRAMS				94,917	1,910,895
TOTAL DEPARTMENT OF THE INTERIOR				$ 113,934	$ 2,972,584
DEPARTMENT OF JUSTICE					
DEPARTMENT OF JUSTICE DIRECT PROGRAMS					
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				$ 134,369
SPECIAL DATA COLLECTIONS AND STATISTICAL STUDIES	16.734				43,108
VICTIM-OFFENDER OVERLAP SURVEY (VOOS)	16.RD		2016-BJ-R-1280		36,689
ATF EXPLOSIVE ENGINEERING COURSES	16.RD		DJA-15-AHDQ-K-0184		474,897
TOTAL DEPARTMENT OF JUSTICE DIRECT PROGRAMS					689,063
DEPARTMENT OF JUSTICE PASS THROUGH PROGRAMS					
EDUCATION, TRAINING, AND ENHANCED SERVICES TO END VIOLENCE AGAINST AND ABUSE OF WOMEN WITH DISABILITIES	16.529	METROPOLITAN ORGANIZATION TO COUNTER SEXUAL ASSAULT	N/A		32,887
STATE JUSTICE STATISTICS PROGRAM FOR STATISTICAL ANALYSIS CENTERS	16.550	MISSOURI DEPARTMENT OF PUBLIC SAFETY	N/A		47,553
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	UNIVERSITY OF VIRGINIA	GG11811 147780		14,830
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	MICHIGAN STATE UNIVERSITY	RC103369UMSL		35,873
		MISSOURI DEPARTMENT OF PUBLIC SAFETY	2012-VOCA-032-SE		
CRIME VICTIM ASSISTANCE	16.575	MISSOURI DEPARTMENT OF PUBLIC SAFETY	2013-VOCA-019-STL		21,414
JUVENILE MENTORING PROGRAM	16.726	NATIONAL 4-H COUNCIL	N/A		360,339

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EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	MISSOURI DEPARTMENT OF NATURAL RESOURCES MISSOURI DEPARTMENT OF NATURAL RESOURCES	C311157001 C315216001		$ 65,124
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	PENNSYLVANIA COMMISSION ON CRIME & DELINQUENCY	2010-JG-06-23698	$ 108,838	113,112
IMPROVING THE INVESTIGATION AND PROSECUTION OF CHILD ABUSE AND THE REGIONAL AND LOCAL CHILDREN'S ADVOCACY CENTERS	16.758	MISSOURI KIDSFIRST	18-STLOU-MO-SA15		9,000
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817	KANSAS CITY METRO CRIME COMMISSION	N/A		9,227
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817	KANSAS CITY MISSOURI METRO CRIME COMMISSION	N/A		10,417
TOTAL DEPARTMENT OF JUSTICE PASS THROUGH PROGRAMS				108,838	719,776
TOTAL DEPARTMENT OF JUSTICE				$ 108,838	$ 1,408,839
DEPARTMENT OF LABOR					
DEPARTMENT OF LABOR DIRECT PROGRAMS					
DISABILITY EMPLOYMENT POLICY DEVELOPMENT	17.720				$ 137,012
TOTAL DEPARTMENT OF LABOR DIRECT PROGRAMS					137,012
DEPARTMENT OF LABOR PASS THROUGH PROGRAMS					
WIA ADULT PROGRAM	17.258	ST LOUIS AGENCY ON TRAINING AND EMPLOYMENT	N/A		9,867
WIA ADULT PROGRAM	17.258	SACRAMENTO EMPLOYMENT AND TRAINING AGENCY	PO #P601552		12,000
H-1B JOB TRAINING GRANTS	17.268	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	99-21-17-14		212,933
WIA DISLOCATED WORKER FORMULA GRANTS	17.278	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	99-21-16-15 99-21-16-16		195,505
TOTAL DEPARTMENT OF LABOR PASS THROUGH PROGRAMS					430,305
TOTAL DEPARTMENT OF LABOR					$ 567,317
DEPARTMENT OF STATE					
DEPARTMENT OF STATE DIRECT PROGRAMS					
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021				$ 36,760
AEECA/ESF PD PROGRAMS	19.900				23,069
TOTAL DEPARTMENT OF STATE DIRECT PROGRAMS					59,829
DEPARTMENT OF STATE PASS THROUGH PROGRAMS					
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021	IREX IREX IREX IREX IREX IREX	2FY14-IULP-UMC-06 FY14-IULP-UMC-01 FY14-IULP-UMC-03 FY14-IULP-UMC-04 FY16-IULP-UMC-01 FY16-IULP-UMC-02 FY16-IULP-UMC-03		138,911

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AEECA/ESF PD PROGRAMS	19.900	SUPPORTER OF CIVIL SOCIETY IN RUSSIA	N/A		$ 2,566
TOTAL DEPARTMENT OF STATE PASS THROUGH PROGRAMS					141,477
TOTAL DEPARTMENT OF STATE					$ 201,306
DEPARTMENT OF TRANSPORTATION					
DEPARTMENT OF TRANSPORTATION DIRECT PROGRAMS					
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109			$ 570,657	$ 1,361,252
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200			966	16,537
HIGHWAY TRAINING AND EDUCATION	20.215				9,284
PUBLIC TRANSPORTATION RESEARCH	20.514				21,841
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701			357,933	739,248
PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	20.724				36,061
TRANSPORTATION PLANNING, RESEARCH AND EDUCATION	20.931				136,229
TOTAL DEPARTMENT OF TRANSPORTATION DIRECT PROGRAMS				929,556	2,320,452
DEPARTMENT OF TRANSPORTATION PASS THROUGH PROGRAMS					
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	UNIVERSITY OF WISCONSIN MADISON	583K295		34,219
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	IOWA STATE UNIVERSITY IOWA STATE UNIVERSITY	17970 17972		1,218
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	PURDUE UNIVERSITY PURDUE UNIVERSITY	4108-68289 4202-61322		6,878
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD	HR 20-05(47-03) HR20-05(46-04) NCHRP--179	12,810	96,703
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	WAYNE STATE UNIVERSITY	WSU14056		39,745
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	OJT FY16001 OJT-FY15(4) TR201601 TTYY1101		556,405
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MARQUETTE UNIVERSITY	0092-16-01		31,968
HIGHWAY PLANNING AND CONSTRUCTION	20.205	EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	16221-MORAP-063016		30,881
HIGHWAY PLANNING AND CONSTRUCTION	20.205	IOWA DEPARTMENT OF TRANSPORTATION	16334		20,242
HIGHWAY PLANNING AND CONSTRUCTION	20.205	IOWA DEPARTMENT OF TRANSPORTATION	16336		11,236
HIGHWAY PLANNING AND CONSTRUCTION	20.205	IOWA STATE UNIVERSITY	17118		38,297
HIGHWAY PLANNING AND CONSTRUCTION	20.205	UNIVERSITY OF OKLAHOMA	2015-38		50,147
HIGHWAY PLANNING AND CONSTRUCTION	20.205	HDR ENGINEERING INC	N/A		4,877
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201405		7,116
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201417		5,247
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201501		8,272
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201502		38,706
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR2015-03		39,018
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201504		30,231

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HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR2015-05		$ 39,387
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201506	$ 137,401	183,340
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201510		39,550
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201512		71,892
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201515		19,937
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201518		30,783
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201603		6,313
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201605		14,940
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201607		20,000
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201612		31,458
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201613		812
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201615		70,758
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201616		609
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TRYY1144		34,753
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TRYY1236		60,826
METROPOLITAN TRANSPORTATION PLANNING AND STATE AND NON-METROPOLITAN PLANNING AND RESEARCH	20.505	EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	16221-MORAP-063016		130,805
FORMULA GRANTS FOR RURAL AREAS	20.509	MISSOURI DEPARTMENT OF TRANSPORTATION	N/A		325,456
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	15-CP-09-003 15-DE-02-003 16-CP-09-002 16-DE-02-004 16-EM-02-001 16-RS-11-0033	44,506	603,298
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	MISSOURI DEPARTMENT OF TRANSPORTATION	16-DL-02-001		32,047
ALCOHOL OPEN CONTAINER REQUIREMENTS	20.607	MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	15-154-AL-009 16-154-AL-051		354,677
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	IOWA STATE UNIVERSITY	436-77-40		770,169
INTERAGENCY HAZARDOUS MATERIALS PUBLIC SECTOR TRAINING AND PLANNING GRANTS	20.703	MISSOURI OFFICE OF ADMINISTRATION	CS3160215002		2,300
BIOBASED TRANSPORTATION RESEARCH	20.761	OKLAHOMA STATE UNIVERSITY	AB-5-66090.UMO1	23,344	23,344
COLUMBIA NMTP EVALUATION PHASE 3	20.RD	ALTA PLANNING & DESIGN	2013-079		5,949
ENHANCING SAFETY RISK MANAGEMENT WITH QUANTITATIVE MEASU	20.RD	VIRGINIA SPACE GRANT CONSORTIUM	N/A		7,109
EVALUATION OF ALTERNATIVE WORK ZONE SIGNING (TOPIC 3)	20.RD	UNIVERSITY OF WISCONSIN MADISON	604K085		2,696
NCHRP 12-104: GUIDELINES TO IMPROVE THE QUALITY OF ELEM	20.RD	TRANSPORTATION RESEARCH BOARD	HR 12-104	1,516	34,561
NCHRP 14-29: ASSESSING, CODING, AND MARKING OF HIGHWAY S	20.RD	OREGON STATE UNIVERSITY	J1857A-B		7,132

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TASK ORDER PROPOSAL REQUEST (TOPR) NO. 14 - TOOLS FOR TA	20.RD	LEIDOS INC	P010156947		$ 40,866
NCHRP18-17 ENTRAINED AIR VOID SYSTEM FOR DURABLE HIGHWAY	20.RD	IOWA STATE UNIVERSITY	428-17-14A		23,190
EVALUATION OF POST-GROUTING FOR DRILLED SHAFTS	20.U01	INTERNATIONAL ASSOCIATION OF FOUNDATION DRILLING	N/A		55,391
TASK ORDER NO. 02 - PROFESSIONAL SERVICES	20.U02	PARSONS BRINCKERHOFF INC	186601 TASK ORDER NO. 02		23,690
TASK ORDER NO. 1-PROFESSIONAL SERVICES	20.U03	PARSONS BRINCKERHOFF INC	5011		15,160
TOTAL DEPARTMENT OF TRANSPORTATION PASS THROUGH PROGRAMS				$ 219,577	4,134,604
TOTAL DEPARTMENT OF TRANSPORTATION				$ 1,149,133	$ 6,455,056
DEPARTMENT OF TREASURY					
DEPARTMENT OF TREASURY DIRECT PROGRAMS					
LOW INCOME TAXPAYER CLINICS	21.008				$ 59,984
VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.009			$ 4,785	61,753
TOTAL DEPARTMENT OF TREASURY				$ 4,785	$ 121,737
NATIONAL AERONAUTICS & SPACE ADMINISTRATION					
NATIONAL AERONAUTICS & SPACE ADMINISTRATION DIRECT PROGRAMS					
SCIENCE	43.001				$ 118,222
SCIENCE	43.001			$ 218,346	1,037,228
EXPLORATION	43.003				11,523
EDUCATION	43.008				32,939
EDUCATION	43.008			373,957	919,060
CROSS AGENCY SUPPORT	43.009			118,123	250,056
SPACE TECHNOLOGY	43.012				36,078
FUNDAMENTALS OF ESTIMATION	43.RD		NNX15TC83P		10,000
ORBIT DETERMINATION	43.RD		NNX15TE35P		10,000
NUMERICAL METHODS IN ESTIMATION AND NAVIGATION	43.RD		NNX15TF10P		10,000
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION DIRECT PROGRAMS				710,426	2,435,106
NATIONAL AERONAUTICS & SPACE ADMINISTRATION PASS THROUGH PROGRAMS					
		JET PROPULSION LAB	1445905		
		JET PROPULSION LAB	1515795		
		JET PROPULSION LAB	1541372		
		JET PROPULSION LAB	1545559		
SCIENCE	43.001	JET PROPULSION LAB	1549171		104,332
SCIENCE	43.001	RENSSELAER POLYTECHNIC INSTITUTE	A12294 (NNS11AG44G)		15,149
SCIENCE	43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO6-17130X		604
		SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12060.46-A		
		SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12060.95-A		
		SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12190.42-A		
SCIENCE	43.001				9,540
SCIENCE	43.001	UNIVERSITY OF FLORIDA	NNX12AE15G		26,335
		NATIONAL INSTITUTE OF AEROSPACE	2974-MST		
		NATIONAL INSTITUTE OF AEROSPACE	C13-2900-MST		
EDUCATION	43.008		2A40		26,823
EDUCATION	43.008	WICHITA STATE UNIVERSITY	WSUSUB10430		20,224
CROSS AGENCY SUPPORT	43.009	ICS ASSOCIATES INC	00052713		1,000
SUPPLY OF NANOSTRUCTURED SILICON CARBIDE AEROGEL POWDER	43.RD	SD MILLER AND ASSOCIATES PLLC	00049604		24,990

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MULTIDISCIPLINARY ANALYSIS AND OPTIMIZATION OF INTEGRATE	43.RD	M4 ENGINEERING INC	00049606		$ 29,618
DEMONSTRATION OF OPTICAL MINING FOR ASTEROID EXCAVATION	43.RD	ICS ASSOCIATES INC	00051148		2,500
QUANTIFYING VARIATIONS OF TROPICAL FOREST STRUCTURE AND	43.RD	JET PROPULSION LAB	1474528		12,227
PLASMA PLUME CHARACTERIZATION OF GEM THRUSTERS	43.RD	DIGITAL SOLID STATE PROPULSION LLC	2015698		35,000
CLIMATIC AND SOCIOECONOMIC DRIVERS OF LAND-COVER AND LAN	43.RD	SCIENCE SYSTEMS AND APPLICATIONS INC	21512-16-003		636
X-RAY OBSERVATIONS OF IDCS J1426.5+3508: A VERY MASSIVE,	43.RD	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO3-14135A		34,101
A LENSING STUDY OF IDCS J1426.5+3508: A MASSIVE GALAXY C	43.RD	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12994.07-A		24,275
SNAPSHOTS OF MASSIVE GALAXY CLUSTERS AT Z~1 FROM THE MASSIVE AND DISTANT CLUSTERS OF WISE SURVEY	43.RD	JET PROPULSION LAB	1540175		27,459
TRACING THE EVOLUTION OF STAR FORMATION ACTIVITY IN HIGH	43.RD	JET PROPULSION LAB	RSA 1472134		3,096
SEE CHANGE: TESTING TIME-VARYING DARK ENERGY WITH Z > 1	43.RD	SPACE TELESCOPE SCI INST	HST-GO-13677.015-A		27,652
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION PASS THROUGH PROGRAMS					425,561
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION				$ 710,426	$ 2,860,667
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				$ 69,889
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024				22,900
PROMOTION OF THE HUMANITIES_CHALLENGE GRANTS	45.130				300,000
PROMOTION OF THE HUMANITIES_RESEARCH	45.161				112,342
PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS	45.164				12,027
MUSEUMS FOR AMERICA	45.301				46,137
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313				94,390
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES DIRECT PROGRAMS					657,685
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		110,456
PROMOTION OF THE ARTS_PARTNERSHIP AGREEMENTS	45.025	MISSOURI ARTS COUNCIL MISSOURI ARTS COUNCIL	15ADS00019 16ADS00146		18,030
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129	MISSOURI HUMANITIES COUNCIL MISSOURI HUMANITIES COUNCIL MISSOURI HUMANITIES COUNCIL MISSOURI HUMANITIES COUNCIL MISSOURI HUMANITIES COUNCIL	1899 1938 1945 1950 1987		21,304
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129	MISSOURI HUMANITIES COUNCIL	N/A		16,110

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PROMOTION OF THE HUMANITIES_RESEARCH	45.161	LAFAYETTE COLLEGE	152363 SUB		$ 302
PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS	45.164	AMERICAN LIBRARY ASSOCIATION	LA105045		5,825
MUSEUMS FOR AMERICA	45.301	MAGIC HOUSE	N/A		8,175
GRANTS TO STATES	45.310	MISSOURI STATE LIBRARY MISSOURI STATE LIBRARY	2016-LCE5-SHMC5CN5-8340 2016-LSD6-DIG16CN6-8296		8,518
GRANTS TO STATES	45.310	MISSOURI STATE LIBRARY	2015-LSD5-DIGC5CN5-7		74,497
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES PASS THROUGH PROGRAMS					263,217
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES					$ 920,902
NATIONAL SCIENCE FOUNDATION					
NATIONAL SCIENCE FOUNDATION DIRECT PROGRAMS					
ENGINEERING GRANTS	47.041			$ 26,006	$ 3,927,149
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				170,900
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			118,021	4,061,426
GEOSCIENCES	47.050				873,548
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			30,841	3,053,148
BIOLOGICAL SCIENCES	47.074			1,597,234	6,462,715
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			65,030	1,641,781
EDUCATION AND HUMAN RESOURCES	47.076				509,063
EDUCATION AND HUMAN RESOURCES	47.076			272,515	3,469,059
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			933,872	2,631,299
OFFICE OF CYBERINFRASTRUCTURE	47.080				144,015
TRANS-NSF RECOVERY ACT RESEARCH SUPPORT	47.082				(43,097)
OFFICE OF INTEGRATIVE ACTIVITIES	47.083			685,497	2,129,702
IPA ASSIGNMENT FOR DR. CHENGSHAN XIAO TO A PROGRAM DIREC	47.RD		1539316		161,894
TOTAL NATIONAL SCIENCE FOUNDATION DIRECT PROGRAMS				3,729,016	29,192,602
NATIONAL SCIENCE FOUNDATION PASS THROUGH PROGRAMS					
ENGINEERING GRANTS	47.041	BROWN UNIVERSITY	00000653		59,890
ENGINEERING GRANTS	47.041	MISSISSIPPI STATE UNIVERSITY	060100.362600.01		64,627
ENGINEERING GRANTS	47.041	TUFTS UNIVERSITY	100854-00001		15,419
ENGINEERING GRANTS	47.041	CARNEGIE MELLON UNIVERSITY	1122191-351314		2,732
ENGINEERING GRANTS	47.041	NORTH CAROLINA STATE UNIVERSITY	2008-1015-03		354,764
ENGINEERING GRANTS	47.041	UNIVERSITY OF TEXAS ARLINGTON	26-1005-6561		44,145
ENGINEERING GRANTS	47.041	LIGNOLINK INC	N/A		15
ENGINEERING GRANTS	47.041	UNIVERSITY OF ARKANSAS	SA1610096		46,810
ENGINEERING GRANTS	47.041	UNIVERSITY OF ALABAMA	UA14-050		5,069
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	PHYSTEC	N/A		22,565
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	VIRGINIA TECH UNIVERSITY	479342-19228		40,798
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	CATHOLIC UNIVERSITY OF AMERICA	AST-1211362		30,210
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	NORTHWESTERN UNIVERSITY	SP0013743-PROJ000365		34,493
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF FLORIDA	UF12309/ UFDSP00010919		3,132
GEOSCIENCES	47.050	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2015-091		10,599

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GEOSCIENCES	47.050	CONSORTIUM FOR OCEAN LEADERSHIP	T348A58		$ 553
GEOSCIENCES	47.050	RESEARCH CORPORATION OF THE UNIVERSITY OF HAWAII	Z10076061		1,994
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	BBN TECHNOLOGIES CORP	14563		49,658
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	RAYTHEON BBN TECHNOLOGIES	1937	$ 13,900	13,900
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	WRIGHT STATE UNIVERSITY	PO# P0025758		20,718
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	ARKANSAS STATE UNIVERSITY	SA15-704-15-2		9,983
BIOLOGICAL SCIENCES	47.074	WORCESTER POLYTECHNIC INSTITUTE	16-203730-00		21,943
BIOLOGICAL SCIENCES	47.074	WASHINGTON STATE UNIVERSITY	118996 G003358		213,200
BIOLOGICAL SCIENCES	47.074	INSTITUTE OF ECOSYSTEM STUDIES	3161/200201409		7,073
BIOLOGICAL SCIENCES	47.074	PENNSYLVANIA STATE UNIVERSITY	4371-UM-NSF-5974		20,326
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF RHODE ISLAND	4451/102615		138,026
BIOLOGICAL SCIENCES	47.074	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE INC	6200		86,578
BIOLOGICAL SCIENCES	47.074	CORNELL UNIVERSITY	67183-10109		236,070
BIOLOGICAL SCIENCES	47.074	SOUTHWESTERN OKLAHOMA STATE UNIVERSITY	FY14-004		25,350
BIOLOGICAL SCIENCES	47.074	COLORADO STATE UNIVERSITY	G-4023-1		207,687
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA	H001895401 H004551101 RC371-229/4941836 RC371-288/S000904 RR167-540/4694598 RR167-629/S000817		32,322 379,039
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	RESEARCH FOUNDATION OF SUNY	15-15		22,342
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	WAKE FOREST UNIVERSITY	16-002		17,947
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	UNIVERSITY OF MARYLAND	20269-Q2753001		9,959
EDUCATION AND HUMAN RESOURCES	47.076	UNIVERSITY OF COLORADO AT BOULDER	1550703		64,181
EDUCATION AND HUMAN RESOURCES	47.076	DREXEL UNIVERSITY	235819-3629		116
EDUCATION AND HUMAN RESOURCES	47.076	VENTUREWELL	N/A		2,250
EDUCATION AND HUMAN RESOURCES	47.076	HUNTER COLLEGE OF THE CITY UNIVERSITY OF NEW YORK	40A70-B		65,880
EDUCATION AND HUMAN RESOURCES	47.076	ED LAB GROUP FNDTN	EQ2013-67		857
OFFICE OF CYBERINFRASTRUCTURE	47.080	OHIO STATE UNIVERSITY	60036515		24,902
TOTAL NATIONAL SCIENCE FOUNDATION PASS THROUGH PROGRAMS				13,900	2,408,122
TOTAL NATIONAL SCIENCE FOUNDATION				$ 3,742,916	$ 31,600,724
SECURITIES AND EXCHANGE COMMISSION					
SECURITIES AND EXCHANGE COMMISSION DIRECT PROGRAMS					
IPA AGREEMENT	58.U01		MOD15CFIPA		$ 234,389
TOTAL SECURITIES AND EXCHANGE COMMISSION					$ 234,389

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SMALL BUSINESS ADMINISTRATION					
SMALL BUSINESS ADMINISTRATION DIRECT PROGRAMS					
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			$ 786,684	$ 2,640,660
SCALEUP AMERICA	59.U01		SBAHQ-14-C-0025		310,447
TOTAL SMALL BUSINESS ADMINISTRATION				$ 786,684	$ 2,951,107
DEPARTMENT OF VETERANS AFFAIRS					
DEPARTMENT OF VETERANS AFFAIRS DIRECT PROGRAMS					
VETERANS ADMINISTRATION IPA	64.RD		N/A		$ 695,714
ENGINEERING GAMIFICATION FOR SUCCESSFUL USER ENGAGEMENT	64.RD		636-C41281		37,907
DEVELOPMENT OF A BED MANAGEMENT "CONTROL TOWER"	64.RD		636-C41282		22,381
VETERANS ADMINISTRATION IPA	64.U01		N/A		86,007
TOTAL DEPARTMENT OF VETERANS AFFAIRS					$ 842,009
ENVIRONMENTAL PROTECTION AGENCY					
ENVIRONMENTAL PROTECTION AGENCY DIRECT PROGRAMS					
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461				$ 79,833
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509			$ 33,419	241,653
P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY	66.516				14,404
POLLUTION PREVENTION GRANTS PROGRAM	66.708				(17,821)
TOTAL ENVIRONMENTAL PROTECTION AGENCY DIRECT PROGRAMS				33,419	318,069
ENVIRONMENTAL PROTECTION AGENCY PASS THROUGH PROGRAMS					
		MISSOURI DEPARTMENT OF NATURAL RESOURCES			
		MISSOURI DEPARTMENT OF NATURAL RESOURCES			
		MISSOURI DEPARTMENT OF NATURAL RESOURCES			
		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G12-NPS-01		
		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G13-NPS-07		
		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G15-NPS-01		
		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G15-NPS-02		
		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G15-NPS-03		
		MISSOURI DEPARTMENT OF NATURAL RESOURCES	G16-NPS-02		
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460	MISSOURI DEPARTMENT OF NATURAL RESOURCES	G16-NPS-03		421,304
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		2,655
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460	SCHUYLER COUNTY SOIL & WATER CONSERVATION DISTRICT	G14-NPS-01		6,063
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460	MISSOURI DEPARTMENT OF NATURAL RESOURCES	G13-NPS-08		59,306
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	MISSOURI DEPARTMENT OF CONSERVATION	384		51,946
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		49,790
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	6,500	157,251
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	UNIVERSITY OF SOUTHERN CALIFORNIA	62098330		84,347
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	LINCOLN UNIVERSITY UNIVERSITY OF GEORGIA	8188B 83517301		26,050
PERFORMANCE PARTNERSHIP GRANTS	66.605	MISSOURI DEPARTMENT OF AGRICULTURE	N/A		37,459

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TECHNOLOGY ASSISTANCE TO MISSOURI UTILITIES TO MEET DBPS	66.U01	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		$ 83,073
TECHNOLOGY ASSISTANCE TO MISSOURI UTILITIES TO MEET DBPS	66.U02	MISSOURI WATER RESOURCES RESEARCH CENTER	N/A		20,042
TOTAL ENVIRONMENTAL PROTECTION AGENCY PASS THROUGH PROGRAMS				$ 6,500	999,286
TOTAL ENVIRONMENTAL PROTECTION AGENCY				$ 39,919	$ 1,317,355
NUCLEAR REGULATORY COMMISSION					
NUCLEAR REGULATORY COMMISSION DIRECT PROGRAMS					
U.S. NUCLEAR REGULATORY COMMISSION NUCLEAR EDUCATION GRANT PROGRAM	77.006				$ 13,205
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008				453,272
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008				663,859
TOTAL NUCLEAR REGULATORY COMMISSION					$ 1,130,336
DEPARTMENT OF ENERGY					
DEPARTMENT OF ENERGY DIRECT PROGRAMS					
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			$ 71,085	$ 465,079
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			174,379	1,444,998
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			814	272,026
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087				(468,702)
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			739,021	912,262
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089			705,283	1,229,819
ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL ANALYSIS/ASSISTANCE	81.117			1,861	344,424
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121				164,836
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121			257,927	730,419
TOTAL DEPARTMENT OF ENERGY DIRECT PROGRAMS				1,950,370	5,095,161
DEPARTMENT OF ENERGY PASS THROUGH PROGRAMS					
STATE ENERGY PROGRAM	81.041	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	0048473 N/A		31,349
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	INNOCIT LLC	00049652		47,499
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MISSOURI SCIENCE CORP	00050313		127,142
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF MASSACHUSETTS	007216A03		140,469
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	NORTH CAROLINA STATE UNIVERSITY	2015-2076-01		71,081
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PNEUMATICOAT TECHNOLOGIES LLC	N/A		37,059
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	HUNTER COLLEGE OF THE CITY UNIVERSITY OF NEW YORK	47824-A		17,019
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF SOUTHERN CALIFORNIA	68291175		57,677
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SAMRAKSH COMPANY	DE-SC0007531-MU		64,419
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF TEXAS AUSTIN	UTA15-001186		74,876
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	US AUTOMOTIVE MATERIALS PARTNERSHIP	15-2911-AMP		25,198
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	MIDWEST RENEWABLE ENERGY ASSOCIATION	0042853		58,057
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	HRL LAB	13083-403263-DS		24,921

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RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	AMES LABORATORY	SC-15-433		$ 41,650
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	UNIVERSITY OF FLORIDA	UF13014 > UFDSP00011010		(85,397)
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	UNIVERSITY OF LOUISIANA AT LAFAYETTE	112-1132-1		68,221
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	N/A		44,189
DEFENSE NUCLEAR NONPROLIFERATION RESEARCH	81.113	GENERAL ATOMICS GENERAL ATOMICS	4500057254 4500059143		1,027,305
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DONALD DANFORTH PLANT SCIENCE CENTER	21018-UM		124,110
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	ADVANCED COOLING TECHNOLOGIES INC	24019		222,781
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	SHARP LAB OF AMERICA	SLA-UM DE-AR0000465		236,525
THIN CURVED PLATE HYDRAULIC TEST	81.RD	ARGONNE NATIONAL LABORATORY	6J-00005-0007A		23,772
A RESEARCH PROGRAM FOR PISSION PRODUCT/DUST TRANSPORT	81.RD	BATTELLE ENERGY ALLIANCE LLC	00118411		150,914
BEHAVIOR OF IMPLANTED HELIUM BELOW TUNGSTEN SURFACES, AS	81.RD	BATTELLE OAK RIDGE NATIONAL LABORATORY	4000135920		47,407
NEW MESOSCALE MULIT-MODAL IMAGING OF CELLULAR	81.RD	BROOKHAVEN NATIONAL LABORATORY	275256		52,290
R&D AIRBORNE DUST EXPLOSION EVALUATION	81.RD	CONSOLIDATED NUCLEAR SECURITY LLC	4300096259		246,790
PO NUMBER N000161188 - REPAIR REVERSIBLE HELICAL ELECTRO	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000161188		9,597
DEVELOP A PHASE FIELD MODEL FOR HYDRIDE FORMATION IN ZIR	81.RD	IDAHO NATIONAL LABORATORY	00151503		11,597
RAPID DEDUCTION AND COMPARATIVE GENOMICS OF SURVIVAL MEC	81.RD	LAWRENCE BERKELEY NATIONAL LABORATORY	06700892		540,526
DEVELOPING A METHODOLOGY FOR ESTIMATING BUILDING VARIANT	81.RD	LAWRENCE LIVERMORE NATIONAL LABORATORY	NO. B614443		38,128
LANL/MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY CYBER	81.RD	LOS ALAMOS NATIONAL LABORATORY	259565		82,815
ECOLOGY OF MALE GREATER SAGE-GROUSE IN RELATION TO WIND	81.RD	NATIONAL RENEWABLE ENERGY LABORATORY	XFT-1-11321-01		47,515
MISSOURI OZARK AMERIFLUX PROJECT PHASE THREE	81.RD	OAK RIDGE NATIONAL LABORATORY	4000090462		98,317
NUCLEAR REACTOR UPGRADE	81.RD	PACIFIC NORTHWEST NATIONAL LABORATORY	234597		7,080
INTERFACIAL AREA TRANSPORT STUDY IN GAS-DISPERSED FLOW U	81.RD	PURDUE UNIVERSITY	4105-63200		20,658
STUDY AND PILOT TEST OF PREFORMED PARTICLE GEL CONFORMAN	81.RD	RESEARCH PARTNER TO SECURE ENERGY FOR AMERICA	11123-14		66,616
ADVANCED GLASS AND GLASS COMPOSITE SCIENCE AND TECHNOLOG	81.RD	SANDIA NATIONAL LABORATORY	1463534		49,009
WATER MANAGEMENT IN MATURE OIL FIELDS USING ADVANCED PAR	81.RD	UNIVERSITY OF TEXAS AUSTIN	UTA13-000124		82,872
SYSTEMS ENGINEERING TRAINING FOR INCOSE EXAM PREPARATION	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000161541		683
METAL ADDITIVE MANUFACTURING MATERIALS ANALYSIS FOR MISS	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000161663		499,490
SUMMER PACKAGING AND RADIO FREQUENCY RESEARCH SYMPOSIUM	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000169728		1,048
TEM ANALYSIS SEAL INTERFACES	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000172962		3,660
A LARGE MASS REVERSIBLE HELICAL ELECTROMAGNETIC LAUNCHE	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000174953		85,353

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FREQUENCY RESPONSE INSPECTION OF ADDITIVELY MANUFACTURED	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000182444		$ 11,293
DEVELOPMENT AND FABRICATION OF THIN FILM PASSIVE DEVICES	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000185613		46,168
ADDITIVE MANUFACTURING RAW MATERIAL ANALYSIS	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	PO# N000186386		16,835
COUNTERING PATHOGEN INTERFACES WITH HUMAN DEFENSES	81.RD	LOS ALAMOS NATIONAL LABORATORY	363436		15,518
GENETICS OF MERCURY METHYLATION BY THE SULFATE-REDUCING	81.RD	OAK RIDGE NATIONAL LABORATORY	4000099787		50,000
S3TEC ENERGY FRONTIER RESEARCH CENTER - UNIVERSITY OF MI	81.RD	OAK RIDGE NATIONAL LABORATORY	4000142104		87,988
MOLECULAR MECHANISMS GOVERNING MERCURY	81.RD	OAK RIDGE NATIONAL LABORATORY	4000147581		15,058
HYPER-HEURISTICS FOR SOLVING REAL-WORLD PROBLEMS ON DIVE	81.RD	SANDIA NATIONAL LABORATORY	1498184		59,914
GLASS VISCOSITY CHARACTERIZATION	81.RD	SANDIA NATIONAL LABORATORY	1502003		11,178
FLOW INDUCED DEFORMATION OF COMPOSITE, THIN WALLED, PARA	81.U01	ARGONNE NATIONAL LABORATORY	6J-00005-0003A		13,096
SP2016 SENIOR DESIGN PROJECT	81.U02	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N/A		594
ARGONNE WORK ORDER #6	81.U03	ARGONNE NATIONAL LABORATORY	6J-00005-0006A		78,997
TOTAL DEPARTMENT OF ENERGY PASS THROUGH PROGRAMS					5,028,926
TOTAL DEPARTMENT OF ENERGY				$ 1,950,370	$ 10,124,087
DEPARTMENT OF EDUCATION					
DEPARTMENT OF EDUCATION DIRECT PROGRAMS					
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007				$ 1,713,837
FEDERAL WORK-STUDY PROGRAM	84.033				2,701,974
PERKINS LOAN PROGRAM	84.038				34,065,499
TRIO_STUDENT SUPPORT SERVICES	84.042				554,944
FEDERAL PELL GRANT PROGRAM	84.063				57,387,736
FUND FOR THE IMPROVEMENT OF POSTSECONDARY	84.116			$ 5,001	5,001
NATIONAL INSTITUTE ON DISABILITY AND REHABILITATION RESEARCH	84.133			26,568	26,568
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200				472,609
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200				340,530
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217				250,509
FEDERAL DIRECT STUDENT LOANS	84.268				397,843,227
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305				346
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			73,394	1,864,316
RESEARCH IN SPECIAL EDUCATION	84.324			23,936	635,536
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325				479,416
TEACHER QUALITY PARTNERSHIP GRANTS	84.336				91,894
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365				473,318
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379				266,301
STATE FISCAL STABILIZATION FUND (SFSF) - INVESTING IN INNOVATION (I3) FUND, RECOVERY ACT	84.396			75,302	110,347
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	84.407				200,680
INVESTING IN INNOVATION (I3) FUND	84.411			101,828	755,530
TOTAL DEPARTMENT OF EDUCATION DIRECT PROGRAMS				306,029	500,240,118

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DEPARTMENT OF EDUCATION PASS THROUGH PROGRAMS					
ADULT EDUCATION - BASIC GRANTS TO STATES	84.002	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		$ 356,442
TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES	84.010	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		(3,850)
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		43,800
SPECIAL EDUCATION_GRANTS TO STATES	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		689,581
SPECIAL EDUCATION_GRANTS TO STATES	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		3,348,004
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		2,014,259
SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES_NATIONAL PROGRAMS	84.184	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		381,092
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	BOONSLICK HEARTLAND YMCA	N/A		40
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	COLUMBIA HOUSING AUTHORITY LOW INCOME SERVICES	N/A		22,267
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	LOCAL INVESTMENT COMMISSION LOCAL INVESTMENT COMMISSION	LNC-15-E101838 LNC-16-E102178		525,136
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		318,679
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	QUINCY PUBLIC SCHOOL DISTRICT 172	N/A		5,000
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	JOHNS HOPKINS UNIVERSITY	2002639185		65,568
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	UNIVERSITY OF CHICAGO	FP049620		16,486
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		955,585
RESEARCH IN SPECIAL EDUCATION	84.324	IOWA STATE UNIVERSITY	432-28-02		93,583
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF SOUTH FLORIDA	5810-1021-00-A		50,430
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF MINNESOTA	A003348601		211,978
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF TEXAS AUSTIN	UTA12-000731		14,067
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		134
SPECIAL EDUCATION_TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326	UNIVERSITY OF OREGON	224440A		402,515
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		19,172
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		175,756
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF HIGHER EDUCATION	N/A	44,865	618,461

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		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-MO02-SEED2012		
IMPROVING TEACHER QUALITY STATE GRANTS	84.367				$ 15,680
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF HIGHER EDUCATION	N/A	$ 10,560	31,284
GRANTS FOR STATE ASSESSMENTS AND RELATED ACTIVITIES	84.369	MISSOURI DEPARTMENT OF HIGHER EDUCATION	N/A		1,250
STATEWIDE LONGITUDINAL DATA SYSTEMS	84.372	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	DESE CC FY14		(49)
TEACHER INCENTIVE FUND	84.374	KCITY MISSOURI SCHOOL DISTRICT	N/A		35,651
SCHOOL IMPROVEMENT GRANTS	84.377	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		115,448
SCHOOL IMPROVEMENT GRANTS	84.377	MISSOURI DEPARTMENT OF HIGHER EDUCATION	DESE CADRE FY15		53
STATE FISCAL STABILIZATION FUND (SFSF) - RACE-TO-THE-TOP INCENTIVE GRANTS, RECOVERY ACT	84.395	VANDERBILT UNIVERSITY	3762-018203		100,885
RACE TO THE TOP - DISTRICT GRANTS	84.416	SPRINGDALE PUBLIC SCHOOLS	N/A		335,577
REL MIDWEST	84.U01	AMERICAN INSTITUTE FOR RESEARCH	01113-03175		75,462
TOTAL DEPARTMENT OF EDUCATION PASS THROUGH PROGRAMS				$ 55,425	11,040,426
TOTAL DEPARTMENT OF EDUCATION				$ 361,454	$ 511,280,544
NATIONAL ARCHIVES & RECORDS ADMINISTRATION					
NATIONAL ARCHIVES & RECORDS ADMINISTRATION DIRECT PROGRAMS					
PROJECT WHISTLESTOP	89.U01		NAR14TFLC-005		$ 93,574
TOTAL NATIONAL ARCHIVES & RECORDS ADMINISTRATION					$ 93,574
DEPARTMENT OF HEALTH AND HUMAN SERVICES					
DEPARTMENT OF HEALTH AND HUMAN SERVICES DIRECT PROGRAMS					
BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE	93.073			$ 170,596	$ 321,701
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086			293,601	667,824
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103				22,588
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107			141,733	194,910
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110				569,646
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			22,607	49,058
ENVIRONMENTAL HEALTH	93.113			198,277	1,514,348
ORAL DISEASES AND DISORDERS RESEARCH	93.121			344,880	1,991,191
NURSE ANESTHETIST TRAINEESHIPS	93.124				23,076
COMMUNITY PROGRAMS TO IMPROVE MINORITY HEALTH GRANT PROGRAM	93.137			81,139	274,097
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173				25,813
GRADUATE PSYCHOLOGY EDUCATION PROGRAM AND PATIENT NAVIGATOR AND CHRONIC DISEASE PREVENTION PROGRAM	93.191				357,346
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213			9,735	395,596

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RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226			$ 59,222	$ 1,609,845
MENTAL HEALTH RESEARCH GRANTS	93.242			988,713	2,648,075
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			334,515	3,534,504
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243				307,405
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247			35,953	530,110
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247				549,035
GERIATRIC ACADEMIC CAREER AWARDS	93.250				13,664
FAMILY PLANNING_PERSONNEL TRAINING	93.260				780,643
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264				1,719,944
ALCOHOL RESEARCH PROGRAMS	93.273				3,506
ALCOHOL RESEARCH PROGRAMS	93.273			160,617	2,961,739
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			70,926	973,577
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283			28,036	88,933
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				204,906
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			60,786	314,171
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342				19,687,641
RESEARCH INFRASTRUCTURE PROGRAMS	93.351				5,872,424
ADVANCED EDUCATION NURSING TRAINEESHIPS	93.358				171,655
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359			468,405	715,757
NURSING RESEARCH	93.361			104,882	843,117
NURSING STUDENT LOANS	93.364				1,543,078
NATIONAL CENTER FOR RESEARCH RESOURCES	93.389			56,923	245,881
CANCER CAUSE AND PREVENTION RESEARCH	93.393			31,743	103,803
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				57,441
CANCER TREATMENT RESEARCH	93.395			103,167	869,586
CANCER BIOLOGY RESEARCH	93.396			31,413	647,577
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			37,491	100,268
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504				93,375
AFFORDABLE CARE ACT (ACA) PRIMARY CARE RESIDENCY EXPANSION PROGRAM	93.510				954,850
HEAD START	93.600				173,620
HEALTH CARE INNOVATION AWARDS (HCIA)	93.610			92,864	408,970
AFFORDABLE CARE ACT INITIATIVE TO REDUCE AVOIDABLE HOSPITALIZATIONS AMONG NURSING FACILITY RESIDENTS	93.621			680,155	4,373,139
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631			157,324	591,373
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632				558,439
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647				98,876
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701				(2,892)
HEALTH INFORMATION TECHNOLOGY REGIONAL EXTENSION CENTERS PROGRAM	93.718			48,980	342,003
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732				6,548
CARDIOVASCULAR DISEASES RESEARCH	93.837			24,134	6,089,814
LUNG DISEASES RESEARCH	93.838				90,846
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			80,127	485,742
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			392,121	2,626,161
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			16,132	1,275,094
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			977,993	6,060,389
MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH	93.856				25,141
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				284,147
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			37,033	4,714,026

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CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				$ 2,285,253
AGING RESEARCH	93.866			$ 161,991	1,701,908
VISION RESEARCH	93.867			20,014	1,895,754
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884				192,820
SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM DISADVANTAGED BACKGROUNDS	93.925				661,722
HIV PREVENTION ACTIVITIES_NON-GOVERNMENTAL ORGANIZATION BASED	93.939			237,784	1,416,374
ENGINEERED SOLUTIONS: DUMP TRUCK VIBRATIONS AND IMPACT	93.RD		200-2011-40817		73,608
LABORATORY DIABETES ANALYSIS FOR NHANES 2012-2017 SOLIC	93.RD		200-2012-51278		50,992
PLASMA SELENIUM AND RISK OF ESOPHAGEAL SQUAMOUS CELL CAR	93.RD		HHSN261201400327P		2,472
MEASUREMENT OF SELENIUM, MERCURY, IRON, ZINC AND SCANDIU	93.RD		HHSN261201500234P		42,164
TASK A31- DEVELOPMENT OF THE RAT ANIMAL MODEL FOR PROOF	93.RD		HHSN27200001	10,445	72,499
R&D IN COMPUTER-ASSISTED PROCESSING OF DIGITIZED HISTOLO	93.RD		HHSN276201200028C		8,278
COMPUTER METHODS FOR DIGITIZED HISTOLOGY IMAGE ANALYSIS	93.RD		HHSN276201500691P		25,708
SMARTPHONE PLATFORM FOR MALARIA DIAGNOSIS	93.RD		HHSN276201500705P		23,753
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES DIRECT PROGRAMS				6,772,457	91,208,445
DEPARTMENT OF HEALTH AND HUMAN SERVICES PASS THROUGH PROGRAMS					
PUBLIC AWARENESS CAMPAIGNS ON EMBRYO ADOPTION	93.007	UNIVERSITY OF ILLINOIS SYSTEM	2010-01561-04-01		(223)
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC12380160 AOC15380018 AOC15380109 AOC15380109-002		148,754
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070	NATIONAL ENVIRONMENT EDUCATION & TRAINING FOUNDATION	N/A		(27)
COOPERATIVE AGREEMENTS TO PROMOTE ADOLESCENT HEALTH THROUGH SCHOOL-BASED HIV/STD PREVENTION AND SCHOOL-BASED SURVEILLANCE	93.079	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		11,000
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0011472N		12,423
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC14380044		132,946
WELL-INTEGRATED SCREENING AND EVALUATION FOR WOMEN ACROSS THE NATION	93.094	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC14380111		19,033
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	SAINT LOUIS MENTAL HEALTH BOARD SAINT LOUIS MENTAL HEALTH BOARD SAINT LOUIS MENTAL HEALTH BOARD SAINT LOUIS MENTAL HEALTH BOARD	15013-SOC 16045C-16 16055SOC 16057SOC		96,720

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MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MASSACHUSETTS GENERAL HOSPITAL MASSACHUSETTS GENERAL HOSPITAL MASSACHUSETTS GENERAL HOSPITAL	220039 226861 226858		$ 179,918
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC14380027		34,852
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0010176N		22,891
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	ARKANSAS CHILDRENS HOSPITAL RESEARCH INSTITUTE	034492		2,259
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MASSACHUSETTS GENERAL HOSPITAL	220043		6,166
ENVIRONMENTAL HEALTH	93.113	NORTH CAROLINA STATE UNIVERSITY	2011-1830-01		36,636
ENVIRONMENTAL HEALTH	93.113	INDIANA UNIVERSITY	BL-4645301-UM		(3,618)
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CLEMSON UNIVERSITY	1723-209-2008855		48,501
GRANTS TO INCREASE ORGAN DONATIONS	93.134	UNIVERSITY OF CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA LOS ANGELES	1561GRB070 3 NO.1561GRB070 AM 1		32,605
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380068		69,824
AIDS EDUCATION AND TRAINING CENTERS	93.145	HEALTH RESEARCH INC HEALTH RESEARCH INC	15-0696-03 5100-01		35,746
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	NUVIANT MEDICAL INC	15-NIDCD-001		57,776
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	INDIANA UNIVERSITY	BL-4635515-UMC		96,960
DISABILITIES PREVENTION	93.184	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0008622N		4,378
TELEHEALTH PROGRAMS	93.211	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC	QS851854 QS851855		84,759
DEVELOPMENT AND COORDINATION OF RURAL HEALTH SERVICES	93.223	UNIVERSITY OF NORTH DAKOTA UNIVERSITY OF NORTH DAKOTA	UND10300 UND10354		12,068
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	UNIVERSITY OF OKLAHOMA	RS20140542-02		73,610
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	UNIVERSITY OF PITTSBURGH	0042771(125364-2)		44,265
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	OREGON HEALTH SCIENCE UNIVERSITY	1005865_CUMISSOURI		3,443
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	RUTGERS UNIVERSITY RUTGERS UNIVERSITY	5878 5879		61,167
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	WASHINGTON UNIVERSITY	WU-15-123		23,549
TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380035	$ 35,000	183,541
MENTAL HEALTH RESEARCH GRANTS	93.242	EXOCYTRONICS LLC	00047734		30,710
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF PITTSBURGH	0024980 (120775-1)		20,198

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MENTAL HEALTH RESEARCH GRANTS	93.242	MOUNT SINAI MEDICAL CENTER	0253-6142-4609		$ 6,847
MENTAL HEALTH RESEARCH GRANTS	93.242	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	1R34MH103835-01A1		13,142
MENTAL HEALTH RESEARCH GRANTS	93.242	JOHNS HOPKINS UNIVERSITY	2000948893		23,168
MENTAL HEALTH RESEARCH GRANTS	93.242	BRANDEIS UNIVERSITY	403000		141,753
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	6191SC		11,673
MENTAL HEALTH RESEARCH GRANTS	93.242	CORNELL UNIVERSITY	63611-9676		42,056
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF HAWAII	KA150022		22,273
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	45TH JUDICIAL CIRCUIT OF MISSOURI	N/A		81,679
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	ALLEGHENY-SINGER RESEARCH INSTITUTE	N/A		1,200
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	AMERICAN ACADEMY OF ADDICTION PSYCHIATRY	1H79TI025595-01		3,755
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	CITY UNIVERSITY OF NEW YORK	7F044-D		9,000
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	HARRIS STOWE STATE COLLEGE	00052612		30,138
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098 AOC12380226 AOC13380092 AOC13380097 AOC15360080		608,450
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	NATIONAL ALLIANCE FOR THE MENTALLY ILL MISSOURI CHAPTER	N/A		19,943
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	OZARK CENTER	N/A		129,637
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	PREFERRED FAMILY HEALTHCARE	N/A		111,547
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	SAINT LOUIS MENTAL HEALTH BOARD	11016-15		3,249
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	UNIVERSITY OF WISCONSIN MADISON UNIVERSITY OF WISCONSIN MADISON	436K586 5UR1TI024236		358,942
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	YOUTH COMMUNITY COALITION	N/A		7,380
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	UNIVERSITY OF ARKANSAS	N/A		3,000
HEALTH SYSTEMS STRENGTHENING AND HIV/AIDS PREVENTION, CARE AND TREATMENT UNDER THE PRESIDENT'S EMERGENCY PLAN FOR AIDS RELIEF	93.266	RUTGERS UNIVERSITY	5461		5,397
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380018		11,212
ALCOHOL RESEARCH PROGRAMS	93.273	UNIVERSITY OF PITTSBURGH	0030254 (123938-1)		28,008
ALCOHOL RESEARCH PROGRAMS	93.273	ST LOUIS UNIVERSITY	N/A		58,088
ALCOHOL RESEARCH PROGRAMS	93.273	UNIVERSITY OF MEMPHIS	UNIVERSITY INDEX 5-4		179,139
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276	COLUMBIA HOUSING AUTHORITY	N/A		1,091

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DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RTI INTERNATIONAL	52090L	$ 10,071	$ 36,824
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5-30995		121,105
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC13380001 AOC15380018 AOC15380201		85,129
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	UNIVERSITY OF KENTUCKY	3048111723-15-013		43,982
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	OHIO STATE UNIVERSITY	60053590		32,288
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	ASSOCIATION OF AMERICAN MEDICAL COLLEGES	N/A		109,571
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	ASSOCIATION OF PUBLIC & LAND GRANT UNIVERSITIES	N/A		2,000
BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM	93.336	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380018		209,497
BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM	93.336	STATE OF MONTANA	15-07-1-01-022-0		197,288
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC	N/A 5UL1TR000001-05 QB85444U		89,874
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	CRYOCRATE LLC	N/A		42,829
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	MICHIGAN STATE UNIVERSITY	RC103190UM		44,788
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360	JOHNS HOPKINS UNIVERSITY	2001837727		111,480
NURSING RESEARCH	93.361	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	8648		18,099
NURSING RESEARCH	93.361	UNIVERSITY OF FLORIDA	UFDSP00010644		13,031
NURSING RESEARCH	93.361	UNIVERSITY OF WASHINGTON	UWSC4334		20,745
NURSING RESEARCH	93.361	WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY	WU-11-142 WU-12-21 WU-12-21-MOD-5 WU-14-86 WU-14-86-MOD-3 WU-15-341 WU-16-301 WU-15-239		87,759
SICKLE CELL TREATMENT DEMONSTRATION PROGRAM	93.365	WASHINGTON UNIVERSITY	WU-16-207		81,109
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC	FY2014-081		143,529
CANCER CAUSE AND PREVENTION RESEARCH	93.393		QR864360		26,412

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CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	DUQUESNE UNIVERSITY	250080		$ 25,677
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	SURGISENSE CORPORATION	N/A		20,878
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD516825 BD516825A		50,330
CANCER TREATMENT RESEARCH	93.395	CHILDRENS HOSPITAL OF PHILADELPHIA CHILDRENS HOSPITAL OF PHILADELPHIA	N/A CCOP: U10CA095861		(49,721)
CANCER TREATMENT RESEARCH	93.395	WASHINGTON UNIVERSITY	N/A		16,335
CANCER TREATMENT RESEARCH	93.395	ISO THERAPEUTIC GROUP, LLC	N/A		7,406
CANCER TREATMENT RESEARCH	93.395	VIEWPOINT MOLECULAR TARGETING, LLC	N/A		25,057
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	9500080215-12C		2,568
CANCER TREATMENT RESEARCH	93.395	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD517367		52,763
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2013-069-M2		3,142
CANCER TREATMENT RESEARCH	93.395	ALLIANCE FOR CLINICAL TRIALS IN ONCOLOGY	MO036		86,742
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	NCORP FP00017458_SUB 142		994
CANCER TREATMENT RESEARCH	93.395	NATIONAL SURGICAL ADJUVANT BREAST AND BOWEL	TFED40		3,734
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF IOWA	W000651422		52,733
CANCER BIOLOGY RESEARCH	93.396	FLORIDA ATANTIC UNIVERSITY	RJ86		57,688
CANCER CENTERS SUPPORT GRANTS	93.397	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD518793		82,009
CANCER CONTROL	93.399	WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	N/A		5,500
NON-ACA/PPHFÑBUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS	93.424	ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES	N/A		862
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	ADMINISTRATION FOR COMMUNITY LIVING ADMINISTRATION FOR COMMUNITY LIVING	90DP0020 90DP0020-02-00		1,653,339
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	UNIVERSITY OF ILLINOIS SYSTEM	90DT5020		5,497
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC13380090 AOC15380166 AOC16380067	$ 97,524	925,031
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505	CHILDREN'S MERCY HOSPITAL CHILDREN'S MERCY HOSPITAL	15-0002 16-0001		50,529

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AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380162		$ 567,300
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		50,574
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC15380152		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	MISSOURI DEPARTMENT OF SOCIAL SERVICES	DC11-02863 (TANF)	$ 371,604	390,592
COMMUNITY SERVICES BLOCK GRANT	93.569	FERGUSON COMMISSION	N/A		36,336
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A		339,346
		MISSOURI DEPARTMENT OF SOCIAL SERVICES			
		MISSOURI DEPARTMENT OF SOCIAL SERVICES			
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380146 AOC14380011		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380146 AOC15380293		1,529,739
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COLUMBIA PUBLIC SCHOOLS	N/A		56,193
		CHILDRENS TRUST FUND	N/A		
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	CHILDRENS TRUST FUND	CTF-G-1615	34,500	137,917
		MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380011		
CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	93.596	MISSOURI DEPARTMENT OF SOCIAL SERVICES	DC11-02863 (CCDF)		15,280
THE AFFORDABLE CARE ACT Ð MEDICAID ADULT QUALITY GRANTS	93.609	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC13380145		64,292
HEALTH CARE INNOVATION AWARDS (HCIA)	93.610	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	CMS-1C1-12-001		21,851
		MISSOURI DEPARTMENT OF MENTAL HEALTH			
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630	MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC14380156 AOC15380114		14,934
		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL			
		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL			
		MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	AOC11380081 AOC14380015		
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630	MISSOURI DEVELOPMENTAL DISABILITIES COUNCIL	AOC14380023 PGA10-08001		251,719
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	STATE DIRECTORS OF DEVELOPMENT	N/A		101,680
		UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC			
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2015-044 FY2016-097		16,918
		MISSOURI DEPARTMENT OF SOCIAL SERVICES			
CHILDREN'S JUSTICE GRANTS TO STATES	93.643	MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG271500015 PG271500016		72,474
		NATIONAL CHILD WELFARE WORKFORCE INSTITUTE			
		NATIONAL CHILD WELFARE WORKFORCE INSTITUTE	SUBCONTRACT #14-59		
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648	NATIONAL CHILD WELFARE WORKFORCE INSTITUTE	15-52 N/A		133,365

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FOSTER CARE_TITLE IV-E	93.658	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC11380043 AOC11380045		$ (3,554)
CHILD ABUSE AND NEGLECT STATE GRANTS	93.669	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	PG271500015 PG271500016		2,087
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	HHSN271200900019C		27,328
HEALTH INFORMATION TECHNOLOGY REGIONAL EXTENSION CENTERS PROGRAM	93.718	NEW YORK EHEALTH COLLABORATIVE	#15-MISSOURI-HIT/SUB-REC	$ 21,000	112,602
HEALTH INFORMATION TECHNOLOGY REGIONAL EXTENSION CENTERS PROGRAM	93.718	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0007548H	8,000	23,375
EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIES THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION PROGRAMS Ð FINANCED BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.734	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC13380095	2,898	92,489
STATE PUBLIC HEALTH ACTIONS TO PREVENT AND CONTROL DIABETES, HEART DISEASE, OBESITY AND ASSOCIATED RISK FACTORS AND PROMOTE SCHOOL HEALTH FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH FUNDING (PPHF)	93.757	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380270-00 AOC16380117	99,208	193,098
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 MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380018 AOC15380095 AOC15380126 AOC15380126-02 AOC16380154 AOC15380018		355,537
CHILDREN'S HEALTH INSURANCE PROGRAM	93.767	MISSOURI DIVISION OF MEDICAL SERVICES	AOC15380036		6
MEDICAL ASSISTANCE PROGRAM	93.778	MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC12380077 AOC13380059 AOC13380107 AOC14380047 AOC16380086		498,974
MEDICAL ASSISTANCE PROGRAM	93.778	MISSOURI DIVISION OF MEDICAL SERVICES	AOC15380036		(35,387)
MEDICAL ASSISTANCE PROGRAM	93.778	MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC15380134 AOC16380085		180,721
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC11380275		234,416
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	PRIMARIS	N/A		6,950
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791	MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC11380275	105,665	117,537
DOMESTIC EBOLA SUPPLEMENT TO THE EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.815	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC16380088		53,476

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CARDIOVASCULAR DISEASES RESEARCH	93.837	BRIGHAM AND WOMENS HOSPITAL	PS# 107223		$ 8,227
CARDIOVASCULAR DISEASES RESEARCH	93.837	DUKE UNIVERSITY DUKE UNIVERSITY	200464 HL105565		50,328
CARDIOVASCULAR DISEASES RESEARCH	93.837	GEORGIA HEALTH SCIENCES UNIVERSITY	27616-2		2,016
CARDIOVASCULAR DISEASES RESEARCH	93.837	NANOVA, INC	N/A		3,434
CARDIOVASCULAR DISEASES RESEARCH	93.837	TUFTS UNIVERSITY	5010929-SERV		135,910
CARDIOVASCULAR DISEASES RESEARCH	93.837	TEXAS A&M UNIVERSITY	23-S152308/M150003 3		84,075
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	8034SC		106,938
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF FLORIDA	UFDSP00010723		66,105
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF MICHIGAN	3003532896		21,717
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF ROCHESTER	415620-G		7,632
CARDIOVASCULAR DISEASES RESEARCH	93.837	WASHINGTON UNIVERSITY	WU-16-41		28,874
LUNG DISEASES RESEARCH	93.838	AMERICAN LUNG ASSOCIATION	N/A		25,391
LUNG DISEASES RESEARCH	93.838	UNIVERSITY OF IOWA UNIVERSITY OF IOWA	W000574145 W000741745		94,071
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	SOUTHWEST MEDICAL CENTER OF DALLAS	150118		174,337
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	INDIANA UNIVERSITY	IU4685203UMC		107,491
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	SPIDERTEK	N/A		896
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	DUKE UNIVERSITY	203-5349		22,663
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	DAVIS	5R01AR043052		12,888
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	KANSAS STATE UNIVERSITY	7R01AR060788		21,200
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	LURIE CHILDREN'S HOSPITAL OF CHICAGO	PRIME R01DK090030		19,348
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF SOUTH FLORIDA UNIVERSITY OF SOUTH FLORIDA	6119-1276-00-X 6119-1276-00-X 01		30,089
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	TUFTS UNIVERSITY	PO5011759		146,563
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	CASE WESTERN UNIVERSITY CASE WESTERN UNIVERSITY CASE WESTERN UNIVERSITY CASE WESTERN UNIVERSITY	RES508613 RES509264 RES509467 RES510017		149,517
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	EMORY UNIVERSITY	T521105		31,570
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF FLORIDA	UFDSP00010752		16,691
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	MAYO CLINIC	UNI-203449		73,659
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY	WU-14-103 WU-14-103-MOD-2 WU-15-359		33,487
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	LOUISIANA STATE UNIVERSITY LOUISIANA STATE UNIVERSITY	14-17-108 16-17-104		240,202
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	TECHSHOT, INC	N/A		228,552
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	ROCKEFELLER UNIVERSITY	5R01A1099284-04		95,684
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	INDIANA UNIVERSITY	BL-4624218-UM		47,043
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	KANSAS STATE UNIVERSITY KANSAS STATE UNIVERSITY	R21AI113552 S13115		154,239
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF UTAH	10027535-15-M		93,421
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF NEBRASKA - LINCOLN	24-6230-0152-002		132,157

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BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	DONALD DANFORTH PLANT SCIENCE CENTER	N/A		$ 32,540
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	B-TECH CONSULTING	2R44GM097902		80,437
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF MICHIGAN	3002869733		160,688
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	VIRGINIA TECH UNIVERSITY	431648-19228		57,120
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SCRIPPS RESEARCH INSTITUTE	5-52462		76,882
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	LAWRENCE BERKELEY NATIONAL LABORATORY	7115870		113,042
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	ST LOUIS UNIVERSITY	ERS 37360		130,967
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF PITTSBURGH	0038508(125093-1)		85,245
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	JOHNS HOPKINS UNIVERSITY	2002181008		14,539
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	STANFORD UNIVERSITY	26135580-28747-A		(33,386)
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	MICHIGAN PUBLIC HEALTH INSTITUTE	K-30209-116-504200		35,579
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF MICHIGAN	R03HD077909		3,196
AGING RESEARCH	93.866	EMMYON INC	N/A		1,240
AGING RESEARCH	93.866	UNIVERSITY OF MICHIGAN	3003497027		19,999
AGING RESEARCH	93.866	NORTHWESTERN UNIVERSITY	60040682 UMKC		4,397
AGING RESEARCH	93.866	UNIVERSITY OF SOUTH FLORIDA	6201-1118-00-B		1,833
AGING RESEARCH	93.866	UNIVERSITY OF NORTH TEXAS	RN0088-2013-001		121,797
VISION RESEARCH	93.867	UNIVERSITY OF FLORIDA	UFDSP00010642		37,745
RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER QUALITY IMPROVEMENT PROGRAM	93.912	FREEMAN HEALTH CENTER	HRSA-SO-0512		305
RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER QUALITY IMPROVEMENT PROGRAM	93.912	HEALTH CARE COALITION OF LAFAYETTE COUNTY	N/A		35,670
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	NEXTGEN REVENUE-CYCLE-MANAGEMENT SERVICES	N/A		23,067
COOPERATIVE AGREEMENTS FOR STATE-BASED COMPREHENSIVE BREAST AND CERVICAL CANCER EARLY DETECTION PROGRAMS	93.919	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC13380001 AOC15380018 DH160029001		1,023,633
HEALTHY START INITIATIVE	93.926	MATERNAL AND CHILD HEALTH COALITION	N/A		106,065
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	93.945	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	N/A AOC12380249 AOC14380052 AOC14380093 AOC16380048 C312161005 DH160016001		205,545
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	93.945	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380257		187,795
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946	CONNECTICUT DEPARTMENT OF PUBLIC HEALTH	DPHM1-0000055263		23,709

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COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946	IOWA DEARTMENT OF HEALTH IOWA DEARTMENT OF HEALTH	5885MH41 5886MH41		$ 57,266
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380250		44,341
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946	RHODE ISLAND DEPARTMENT OF ADMINISTRATION	N/A		41,175
COOPERATIVE AGREEMENTS TO SUPPORT STATE-BASED SAFE MOTHERHOOD AND INFANT HEALTH INITIATIVE PROGRAMS	93.946	STATE OF FLORIDA	ACB6CA		20,182
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959	ACT MISSOURI	N/A		1,102
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE ABUSE	93.959	MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC01380098		436,162
PPHF GERIATRIC EDUCATION CENTERS	93.969	ST LOUIS UNIVERSITY	N/A		12,978
COOPERATIVE AGREEMENTS FOR STATE-BASED DIABETES CONTROL PROGRAMS AND EVALUATION OF SURVEILLANCE SYSTEMS	93.988	STATE OF MONTANA	15-07-1-01-022-0		130,071
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	CONNECTICUT DEPARTMENT OF PUBLIC HEALTH	DPHM1-0000054002		11,700
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	MINNESOTA DEPARTMENT OF HEALTH	66561		38,059
		MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC13380072 AOC14380012 AOC14380093 AOC15380095 C313163002 C313163002-002 C314051003		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	DH130009001 DH160016001		65,453
A PRECLINICAL COMPARISON OF THREE INDENOISOQUINOLINES CA	93.RD	LEIDOS, INC	14X103		11,443
NEEDS ASSESSMENT FOR LEAD POISONING IN JACKSON AND CLAY	93.RD	CHILDREN'S MERCY HOSPITAL	N/A		22,692
TYPE 1 DIABETES TRIALNET - USF	93.RD	UNIVERSITY OF SOUTH FLORIDA	TRIALNET SITE #224		5,814
COMPREHENSIVE PATIENT SAFETY AND MEDICAL LIABILITY COMMU	93.U01	HEALTH RESEARCH AND EDUCATIONAL TRUST	80323		24,262
USABILITY TESTING ON COMMUNITY COMMONS-FEDERAL	93.U02	INSTITUTE FOR PEOPLE, PLACE AND POSSIBILITY	N/A		7,500
MO MEDICAID DATA PROJECT	93.U03	MISSOURI DIVISION OF MEDICAL SERVICES	AOC15380036		184,779
OUT, PROUD AND HEALTHY FITNESS PROJECT	93.U04	NATIONAL OPINION RESEARCH CENTER	7424.MISSOURI.01		36,019
NATIONAL NETWORK OF LIBRARIES OF MEDICINE	93.U05	UNIVERSITY OF UTAH	10019930-04		103,596
UA: NATIONAL NETWORK OF LIB	93.U06	UNIVERSITY OF UTAH	RFP NN/LM 2011-16		$ (55)
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES PASS THROUGH PROGRAMS				$ 785,470	20,021,797
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES				$ 7,557,927	$ 111,230,242
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE					
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE DIRECT PROGRAMS					
AMERICORPS	94.006				$ 517,538
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE DIRECT PROGRAMS					517,538
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE PASS THROUGH PROGRAMS					

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AMERICORPS	94.006	JUMPSTART	500200		$ 131,304
SOCIAL INNOVATION FUND	94.019	PATHWAYS FUND - NEW PROFIT INC	N/A		109,695
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE PASS THROUGH PROGRAMS					240,999
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE					$ 758,537
DEPARTMENT OF HOMELAND SECURITY					
DEPARTMENT OF HOMELAND SECURITY DIRECT PROGRAMS					
STATE FIRE TRAINING SYSTEMS GRANTS	97.043				$ 21,108
ASSISTANCE TO FIREFIGHTERS GRANT	97.044				88,349
TOTAL DEPARTMENT OF HOMELAND SECURITY DIRECT PROGRAMS					109,457
DEPARTMENT OF HOMELAND SECURITY PASS THROUGH PROGRAMS					
NATIONAL DAM SAFETY PROGRAM	97.041	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A		34,295
EMERGENCY MANAGEMENT PERFORMANCE GRANTS	97.042	MISSOURI STATE EMERGENCY MANAGEMENT AGENCY	2080160001		57,200
ASSISTANCE TO FIREFIGHTERS GRANT	97.044	NATIONAL FIRE PROTECTION ASSOCIATION	N/A		20,000
CENTERS FOR HOMELAND SECURITY	97.061	KANSAS STATE UNIVERSITY	S15080		33,858
HOMELAND SECURITY GRANT PROGRAM	97.067	EAST-WEST GATEWAY COUNCIL OF GOVERNMENT EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	49587005-MUFRTI-012716 49587005-MUFRTI-123115		44,300
NATIONAL NUCLEAR FORENSICS EXPERTISE DEVELOPMENT PROGRAM	97.130	UNIVERSITY OF SOUTH CAROLINA	15-2858		84,430
TOTAL DEPARTMENT OF HOMELAND SECURITY PASS THROUGH PROGRAMS					274,083
TOTAL DEPARTMENT OF HOMELAND SECURITY					$ 383,540
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT					
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT PASS THROUGH PROGRAMS					
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	MICHIGAN STATE UNIVERSITY	RC102095BHEARD		$ 29,895
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	PENNSYLVANIA STATE UNIVERSITY	4933-UM-AID-0077		31,205
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-13 2013-04026-14		186,105
FOUNDATIONS FOR SOYBEANS IN AFRICA PROJECT MRA #2 UIUC	98.RD	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-05	$ 7,762	$ 190,011
RYAN DIBALA: INTERSPECIFIC INTERACTIONS AMONG TREES, SHR	98.RD	PURDUE UNIVERSITY	8000069606		14,720
CHEMONICS INTERNATIONAL - UKRAINE AGROINVEST	98.U01	CHEMONICS INTERNATIONAL INC	AID121C1100001 UM01		65,815
ADAPTATION OF SOYBEAN IN TROPICAL CLIMATES FOR SMALLHOLD	98.U02	PURDUE UNIVERSITY	8000069611		4,208
TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT				$ 7,762	$ 521,959
TOTAL EXPENDITURES OF FEDERAL AWARDS				$ 20,932,881	$ 750,817,065

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Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
CCDF CLUSTER PROGRAMS				
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	$ 339,346
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380146 AOC14380011 AOC14380146 AOC15380293	1,529,739
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COLUMBIA PUBLIC SCHOOLS	N/A	56,193
CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	93.596	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC14380011 DC11-02863 (CCDF)	15,280
TOTAL CCDF CLUSTER PROGRAMS				$ 1,940,558
CDBG - ENTITLEMENT GRANTS CLUSTER PROGRAMS				
COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	14.218	FERGUSON COMMISSION	N/A	$ 1,875
TOTAL CDBG - ENTITLEMENT GRANTS CLUSTER PROGRAMS				$ 1,875
DRINKING WATER STATE REVOLVING FUND CLUSTER PROGRAMS				
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	$ 49,790
TOTAL DRINKING WATER STATE REVOLVING FUND CLUSTER PROGRAMS				$ 49,790
HIGHWAY PLANNING AND CONSTRUCTION CLUSTER PROGRAMS				
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION MISSOURI DEPARTMENT OF TRANSPORTATION	OJT FY16001 OJT-FY15(4) TR201601 TTYY1101	$ 556,405
TOTAL HIGHWAY PLANNING AND CONSTRUCTION CLUSTER PROGRAMS				$ 556,405
HIGHWAY SAFETY CLUSTER PROGRAMS				
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	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	15-CP-09-003 15-DE-02-003 16-CP-09-002 16-DE-02-004 16-EM-02-001 16-RS-11-0033	$ 603,298
TOTAL HIGHWAY SAFETY CLUSTER PROGRAMS				$ 603,298
MEDICAID CLUSTER PROGRAMS				

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		MISSOURI DEPARTMENT OF MENTAL HEALTH		
		MISSOURI DEPARTMENT OF MENTAL HEALTH		
		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC12380077	
		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC13380059	
		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC13380107	
		MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC14380047	
MEDICAL ASSISTANCE PROGRAM	93.778	MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC16380086	$ 498,974
MEDICAL ASSISTANCE PROGRAM	93.778	MISSOURI DIVISION OF MEDICAL SERVICES	AOC15380036	(35,387)
TOTAL MEDICAID CLUSTER PROGRAMS				$ 463,587
RESEARCH AND DEVELOPMENT PROGRAMS				
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001			$ 3,570,898
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025			23,860
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025	MISSOURI DEPARTMENT OF AGRICULTURE	N/A	13,206
FEDERAL-STATE MARKETING IMPROVEMENT PROGRAM	10.156			25,071
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	14-SCBGP-MO-0029	17,970
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	LINCOLN UNIVERSITY	2015-3570	2,511
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170	MISSOURI DEPARTMENT OF AGRICULTURE	N/A	37,032
COOPERATIVE FORESTRY RESEARCH	10.202			585,990
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT	10.203			5,730,159
ANIMAL HEALTH AND DISEASE RESEARCH	10.207			73,114
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215	NORTH CENTRAL REGION SUSTAINABLE AG RESEARCH & EDUCATION	H002484801	7,619
		LINCOLN UNIVERSITY	2014-3555	
		LINCOLN UNIVERSITY	2014-3556	
		LINCOLN UNIVERSITY	3510B	
		LINCOLN UNIVERSITY	3511	
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216	LINCOLN UNIVERSITY	3529A	161,930
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250			81,167
CONSUMER DATA AND NUTRITION RESEARCH	10.253	UNIVERSITY OF KENTUCKY	3048110944-15-178	2,277
CONSUMER DATA AND NUTRITION RESEARCH	10.253			73,143
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255	UNIVERSITY OF WISCONSIN MADISON	613K756	11,064
RESEARCH INNOVATION AND DEVELOPMENT GRANTS IN ECONOMIC (RIDGE)	10.255	RIDGE CENTER FOR TARGETED STUDIES	8000069782	18,197
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290			1,016,516
AGRICULTURAL AND FOOD POLICY RESEARCH CENTERS	10.291			839,588
INTEGRATED PROGRAMS	10.303			208,069
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307			192,665
SPECIALTY CROP RESEARCH INITIATIVE	10.309			17,149

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AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	TEXAS A&M UNIVERSITY TEXAS A&M UNIVERSITY	06-S160685 S110071	$ 15,621
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LOUISIANA STATE UNIVERSITY	100075	67,737
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WYOMING	1001391-MISSOURI	28,304
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	AUBURN UNIVERSITY	13-AGR-373036-UM	9,469
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF SOUTH CAROLINA	15-2783	46,184
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF CALIFORNIA - DAVIS	201015718-23	32,828
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY IOWA STATE UNIVERSITY	416-40-63H 416-41-54A	106,016
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	LINCOLN UNIVERSITY LINCOLN UNIVERSITY LINCOLN UNIVERSITY	2014-3553 2014-3560 3537A	102,475
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	NORTH CAROLINA STATE UNIVERSITY	2015-0097-01	39,742
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF GEORGIA	RC294-343/S001056	16,170
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF NEBRASKA - LINCOLN	25-1215-0117-002	59,319
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WISCONSIN MADISON	627K152	23,660
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	VIRGINIA TECH UNIVERSITY	422262-19228	4,882
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			4,675,210
BEGINNING FARMER AND RANCHER DEVELOPMENT PROGRAM	10.311	UNIVERSITY OF ARKANSAS	UA AES 91132-02	14,026
BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE COMPETITIVE GRANTS PROGRAM (BRDI)	10.312	UNIVERSITY OF MINNESOTA	H001353202	197
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326	MISSOURI STATE UNIVERSITY	16041-001	8,501
FORESTRY RESEARCH	10.652			947
FOREST HEALTH PROTECTION	10.680			64,017
RURAL BUSINESS ENTERPRISE GRANTS	10.769			47,032
SOIL AND WATER CONSERVATION	10.902			89,306
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912			44,430
CONSERVATION STEWARDSHIP PROGRAM	10.924			159
EFFECTS OF WIND ENERGY ON SUSTAINABILITY OF GREATER SAGE	10.RD		10-JV-11221632-215	(70)
COMPARING THE EFFECTS OF PRESCRIBED BURNING AND THINNING	10.RD		10-JV-11242311-123	14
PROFESSIONAL AND TECHNICAL ASSISTANCE FOR RESEARCH IN NAT	10.RD		11-CR-11242311-031	21,884
FIRE HISTORY FOR MANAGERS IN EASTERN NORTH AMERICA	10.RD		11-JV-11242311-054	67,781
IMPACTS OF WNS: EASTERN BAT SPECIES	10.RD		11-JV-11242311-099	94,695
DEVELOPING A STRATEGY AND PROTOCOLS FOR MONITORING OAK R	10.RD		12-CS-11242311-141	12,310
AGENT-BASED MODELING OF PRIVATE LANDOWNERS	10.RD		12-JV-11242305-070	15,369
LOCALIZED SPATIAL ESTIMATION OF FOREST ATTRIBUTES IN THE	10.RD		12-JV-11242305-120	12,649

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EFFECTS OF SAVANNA-WOODLAND RESTORATION ON BAT ABUNDANCE	10.RD		12-JV-11242311-068	$ 71,082
CHARACTERIZING AND COMPARING OAK FORESTS IN COLOMBIAN HI	10.RD		12-JV-11242311-072	3,657
FORECASTING LANDSCAPE CHANGE UNDER SAVANNAH AND WOODLAND	10.RD		12-JV-11242311-091	7,526
MILL CREEK WATERSHED ASSESSMENT	10.RD		12-PA-11090500-018	19,282
RESPONSE OF SONGBIRDS TO PINE SAVANNA AND WOODLAND RESTO	10.RD		13-CR-11242311-047	77,621
ECOLOGY OF MALE GREATER SAGE-GROUSE	10.RD		13-JV-11221632-046	26,848
ECONOMIC IMPLICATIONS OF LANDSCAPE-SCALE FOREST DISTURBA	10.RD		13-JV-11242311-063	44,696
AGROFORESTRY AS A CLIMATE CHANGE MITIGATION AND ADAPTATI	10.RD		13-JV-11330152-058	1,690
SONGBIRD DEMOGRAPHIC RESPONSES TO LANDSCAPE AND CLIMATE	10.RD		14-CR-11242311-064	32,945
POPULATION ESTIMATE FOR BLACK-BACKED WOODPECKERS (PICOID	10.RD		14-JV-11221632-104	44,032
APPLIED HISTORICAL ECOLOGY OF FIRE IN REMNANT PINE FORES	10.RD		14-JV-11242302-143	2,582
HABITAT AND LANDSCAPE EFFECTS ON BIRD DEMOGRAPHICS	10.RD		14-JV-11242311-059	8,238
MORPHOLOGICAL CHARACTERIZATION OF HICKORY AND BLACK WALN	10.RD		14-JV-11242311-063	882
EFFECTS OF STAND DENSITY AND COMPOSITION ON MITIGATION A	10.RD		14-JV-11242311-065	38,217
GENETIC VARIATION IN ADAPTIVE TRAITS TO REDUCED LIGHT FO	10.RD		14-JV-11242311-073	57,307
OAK WOODLANDS & FORESTS FIRE CONSORTIUM	10.RD		14-JV-11242311-095	135,400
COMBINING LANDIS-II AND LANDIS-PRO INTO A COMMON FRAMEWO	10.RD		14-JV-11242311-116	74,549
COMPARING THE EFFECTS OF PRESCRIBED BURNING AND THINNING	10.RD		14-JV-11242311-122	25,124
EFFECTS OF FUELS TREATMENTS ON REDUCTION OF FIRE RISK AN	10.RD		14-JV-11242311-123	10,932
EFFECTS OF FUELS TREATMENTS ON REDUCTION OF FIRE RISK AN	10.RD		14-JV-11242311-131	21,260
SCAR CLOSURE FROM PRESCRIBED FIRE IN OAK	10.RD		14-JV-11242316-061	1,762
EFFECTS OF CLIMATE CHANGE, DROUGHT AND INSECTS ON OAK PI	10.RD		14-JV-11330134-049	18,458
FIRE RESTORATION BAT MONITORING AND HABITAT MODELING	10.RD		15-CS-11051100-008	74,005
TREE REGENERATION ADEQUACY METRICS FOR THE CENTRAL STATE	10.RD		15-JV-11242311-090	39,971
RECRUITMENT DYNAMICS IN NATURALLY REGENERATED LONGLEAF P	10.RD		15-JV-11330123-051	15,869
ADULT SURVIVAL VIABILITY OF A GOLDEN-CHEEKED WARBLER POP	10.RD		16-JV-11242311-044	4,966
MRBI STUDY - GLADB	10.RD	RICKY JAMES GLADBACH	2008 746424106XT	(262)
MRBI STUDY - TRUST	10.RD	GV & JS GLADBACH TRUST	2008 746424106Z1	6,409
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	C&J PATKE FAMILY LP	2008 7464241112K5	(6,719)

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MRBI STUDY - MECHLIN	10.RD	MARY E MECHLIN	2008 746424112JR	$ (489)
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	TRIPLETT FARMS INC	2008 746424112KN	64
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	CHARLES W COCHRAN REVOCABLE TRUST	2008 746424114V1	308
MISSISSIPPI RIVER BASIN HEALTHY WATERSHED INITIATIVE (MR	10.RD	ALITA ANN JOHNSON REVOCABLE TRUST	2008 7464241154S	13,417
MRBI STUDY - PRATT	10.RD	DONNIE PRATT	N/A	(4,108)
MRBI STUDY - MORRIS	10.RD	ORA CLAY MORRIS JR.	N/A	1,321
ECONOMIC ADJUSTMENT ASSISTANCE	11.307			155,401
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609			243,683
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114			67,315
ELECTRONIC ABSENTEE SYSTEMS FOR ELECTIONS	12.217	BOONE COUNTY	N/A	(26)
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			1,162,082
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	RADIATION DETECTION TECH INC.	N00014-15-P-1181	25,326
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	BROWN UNIVERSITY	00000683	51,149
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	PENNSYLVANIA STATE UNIVERSITY	5015-MUST-STRA-0085	147,583
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	UNIVERSITY OF TENNESSEE	A16-0325-S001	39,239
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351			220,156
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	COLUMBIA UNIVERSITY	1GG009710	19,602
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	STANFORD UNIVERSITY	61151604-118921	36,782
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HENRY M JACKSON FOUNDATION	825012	36,695
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	VIRGINIA COMMONWEALTH UNIVERSITY	PT108802-SC107143	249,178
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	FOUNDATION FOR ADVANCING VETERANS HEALTH RESEARCH	ROYALLDOD/UMO	18,245
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			1,525,999
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TE691	99,153
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF MARYLAND	31590-Z8415101	68,617
BASIC SCIENTIFIC RESEARCH	12.431			2,264,487
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	CATERPILLAR INC	0044273	31,792
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	AUDUBON MISSOURI	N/A	27,216
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630			104,719
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	EWI	0047369	7,912
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	EWI	0048952	3,544
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF CALIFORNIA LOS ANGELES	1000 G TC133	7,531
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF NEW HAMPSHIRE	16-053	13,176
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	OHIO STATE UNIVERSITY	60051333	8,938
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INDIANA UNIVERSITY INDIANA UNIVERSITY	BL-4331200-MUS BL-4331206-MST	17,720
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	ARRAY INFORMATION TECH	SUB A016-2014	34,698
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			2,011,207
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901			18,874
GENCYBER GRANTS PROGRAM	12.903			85,455

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RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			$ 18,180
IPA AGREEMENT FOR MR. LEE BUNCH WITH DEPT OF ARMY (FLW)	12.RD		0048507	8,826
ADDITIVE MANUFACTURING OF GRIN OPTICS	12.RD		FA8650-16-C-5412	85
REGIONAL PHASE ATTENUATION ACROSS THE ZAGROS: A DETAILE	12.RD		FA9453-14-C-0216	139,462
HRM REPLACEMENT	12.RD		N00014-14-P-1115	2,382
ASSESS T-CELL MEDIATED IMMUNOGENICITY AND CLINICAL PROTE	12.RD		N32398-13-P-0354	(8,562)
MULTI-SCALE APPROACH TO MANAGING SOURCE-SINKS DYNAMICS	12.RD		W912HQ-11-C-0077	31,745
NON-CHROMATE PASSIVATION FOR LHE ZNNI	12.RD		W912HQ-15-C-0065	138,797
QUANTIFICATION OF UNCERTAINTY FOR ADVANCED DEAD RECKONIN	12.RD	APPLIED TECHNOLOGY ASSOC	150052	42,137
ICECOOL APPLICATIONS	12.RD	BAE SYSTEMS	861556	(12,625)
INCORPORATION OF SURFACE RESIDUAL STRESS ENGINEERING INT	12.RD	BOEING CO	1110264	116,800
IFSP - OPTION YEAR 2 (2014-2015)	12.RD	BOOZ ALLEN HAMILTON	105087SBOT	122,852
NEXT GENERATION NANOELECTRONIC CIRCUIT ELEMENTS USING GR	12.RD	DIGITAL OPTICS TECH INC	N/A	28,530
SCALE UP OF DIELECTRIC FILMS FOR HIGH ENERGY DENSITY CAP	12.RD	GENERAL ATOMICS	4500054937	47,415
HARRIS REGION C COSTING PROPOSAL	12.RD	HARRIS CORP	A000332424	739,400
DEVELOPMENT OF HIGH ENERGY DENSITY CAPACITORS FOR MAN-PO	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT005	354,824
SBIR ARMY'S PHASE I: PROPOSAL, RADIOLYTIC ATOMIC CELL FO	12.RD	INFINITY POWER LLC	A151-018-0600	31,884
HPC-MTT: HIGH PERFORMANCE COMPUTING ENABLED MULTIPLE-TAR	12.RD	INTELLIGENT FUSION TECH	012-2	(4,888)
PROCESSING OF INFRARED EMITTER MATERIALS FOR THERMOPHOTO	12.RD	JX CRYSTALS INC	51366	5,190
MEASUREMENTS AND TESTING OF NANOELECTROMAGNETICS COMPACT	12.RD	NANOELECTROMAGNETICS LLC	N/A	27,900
PORTABLE NEUTRON SPECTROMETER	12.RD	RADIATION DETECTION TECH INC	N/A	14,066
CASTING AND ADVANCED STEEL TECHNOLOGY (CAST)	12.RD	STEEL FOUNDERS SOCIETY OF AMERICA	CAST-001	31,324
COMPENDIUM OF WORLDWIDE RESEARCH IN THE AREA OF HYPERVEL	12.RD	SURVICE ENGINEERING CO	085001.026.0222.2015.03	24,801
NOVEL MULTI-SCALE/MULTI-PHYSICS INTEGRATED TOOL FOR THE	12.RD	TECHNICAL DATA ANALYSIS INC	2038-001-01	32,000
INVESTIGATION OF LATERAL CONTROL AUTHORITY OF ROTATING C	12.RD	THE CHARLES STARK DRAPER LABORATORY, INC	SC001-940	27,772
NEXT GENERATION MICRO-CHIP CARRIER FOR COOLING OF SATELL	12.RD	THERMAVANT TECH, LLC	0039678	12,859
VACCINE CANDIDATES FOR Q FEVER	12.RD	TEXAS A&M UNIVERSITY	23-S142344/M1402336	366,545
MICROWAVE METHODOLOGY DEVELOPMENT FOR EVALUATING DEGRADA	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7119-400-12-SC1511	23,991
STTR: NEXT GENERATION TRACKING ARCHITECTURES FOR URBAN	12.RD	ULTRAHINET LLC	N/A	35,584
A FULLY INTEGRATED MEMBRANE BIOREACTOR SYSTEM FOR WASTEW	12.RD	UNIVERSITY OF SOUTHERN CALIFORNIA	59843551	52,626
VERIFICATION AND VALIDATION OF ADAPTIVE SYSTEMS FOR HYPE	12.RD	UNIVERSAL TECH CORP	15-S2606-04-C27	24,615
SAMPLING FOR KEYPORT PHYTOREMEDIATION SITE	12.RD	URS GROUP INC	317657US	58,071
MULTI-MODE MICROPROPULSION CUBESAT TECHNOLOGY DEMONSTRAT	12.RD	UTAH STATE UNIVERSITY	CP0039814	17,983

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FLW ENVIRONMENTAL SUPPORT RESEARCH	12.RD	VERSARWALLER	009552	$ 8,079
ACUTE MRI CHANGES IN ASSOCIATION WITH A SINGLE HYPOBARIC	12.RD	WYLE LAB INC	T72708	71,367
TESLA 9: SYSTEM LEVEL FAILURE PREDICTION FROM IC MODELS	12.RD	XL SCIENTIFIC LLC	1020-001	18,838
DEVELOPMENT AND TESTING OF AN AUTONOMOUSLY CONTROLLED RO	12.RD	THE CHARLES STARK DRAPER LABORATORY, INC	W911QY-15-C-0006	2,982
DESIGN AND PROTOTYPING OF A REAL-TIME MILLIME	12.RD	TEXAS RESEARCH INSTITUTE AT AUSTIN	A7605-400-16-SC1608	67,438
TRAJECTORY RECONSTRUCTION ALGORITHMS FOR CONSISTENT EVEN	12.RD	APPLIED TECHNOLOGY ASSOC	150187	9,734
RESEARCH AND DEVELOPMENT OF RESILIENT SOLAR CELL COVER G	12.RD	APPLIED TECHNOLOGY ASSOC	160300	7,502
GEOINT DATA SERVICES (GDS) - FOUNDATION GEOINT CONTENT M	12.RD	HARRIS CORP	A000358080	278,978
HARRIS REGION A, DELIVERY ORDER 4 (BURMA)	12.RD	HARRIS CORP	A000372688	3,562
COMPACT HIGH POWER, NANODIELECTRIC MICROWAVE ANTENNA FOR	12.RD	ADVANCED TECH INTL	DOTC-14-06-INIT006	240,815
IMS AFFILIATE MEMBER - TECHNICAL DATA ANALYSIS, INC.	12.RD	TECHNICAL DATA ANALYSIS INC	N/A	13,249
DEMOLITION AND REVITALIZATION OF SEVERELY DISTRESSED PUBLIC HOUSING	14.866	URBAN STRATEGIES INC	N/A	6,587
CHOICE NEIGHBORHOODS PLANNING GRANTS	14.892	H3 STUDIO INC	014/UD/WPH/001-006	17,609
HEALTHY HOMES TECHNICAL STUDIES GRANTS	14.906	CHILDRENS MERCY HOSPITAL	13-0032	68,212
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231			1,711
SPORT FISH RESTORATION PROGRAM	15.605	MISSOURI DEPARTMENT OF CONSERVATION	380	38,049
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	STATE OF NEBRASKA	N/A	52,890
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	MISSOURI DEPARTMENT OF CONSERVATION MISSOURI DEPARTMENT OF CONSERVATION MISSOURI DEPARTMENT OF CONSERVATION MISSOURI DEPARTMENT OF CONSERVATION	339 369 373 377	1,255,510
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	PENNSYLVANIA GAME COMMISSION	PO4300410870	125,323
MULTISTATE CONSERVATION GRANT PROGRAM	15.628	WESTERN NATIVE TROUT INITIATIVE	UM-UCRB-2014	5
STATE WILDLIFE GRANTS	15.634	TEXAS PARKS & WILDLIFE DEPARTMENT	N/A	28,563
STATE WILDLIFE GRANTS	15.634	OKLAHOMA DEPT OF WILDLIFE CONSERVATION	F13AF01165 (T-67-1)	18,166
MIGRATORY BIRD JOINT VENTURES	15.637	MISSISSIPPI STATE UNIVERSITY	191000.331290.09	112,991
RESEARCH GRANTS (GENERIC)	15.650			39,488
MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION	15.655			20,665
NATURAL RESOURCE DAMAGE ASSESSMENT, RESTORATION AND IMPLEMENTATION	15.658			15,478
COOPERATIVE LANDSCAPE CONSERVATION	15.669	TEXAS A&M UNIVERSITY	06-S140631	36,911
ADAPTIVE SCIENCE	15.670	STATE OF NEBRASKA	N/A	65,882

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ADAPTIVE SCIENCE	15.670	MISSISSIPPI STATE UNIVERSITY	191000.331341.01	$ 35,775
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805			107,739
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807			76,978
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808			333,900
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810			13,587
COOPERATIVE RESEARCH UNITS PROGRAM	15.812			379,302
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820	UNIVERSITY OF MASSACHUSETTS	12 007036 E	88,054
NATURAL RESOURCE STEWARDSHIP	15.944			4,588
COOPERATIVE RESEARCH AND TRAINING PROGRAMS Ð RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			34,066
WATERFOWL HABITAT AND POPULATION MODELING TOOLS FOR HABI	15.RD	MISSOURI DEPARTMENT OF CONSERVATION	375	40,085
STATE JUSTICE STATISTICS PROGRAM FOR STATISTICAL ANALYSIS CENTERS	16.550	MISSOURI DEPARTMENT OF PUBLIC SAFETY	N/A	47,553
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560			134,369
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	UNIVERSITY OF VIRGINIA	GG11811 147780	14,830
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560	MICHIGAN STATE UNIVERSITY	RC103369UMSL	35,873
SPECIAL DATA COLLECTIONS AND STATISTICAL STUDIES	16.734			43,108
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	PENNSYLVANIA COMMISSION ON CRIME & DELINQUENCY	2010-JG-06-23698	113,112
BYRNE CRIMINAL JUSTICE INNOVATION PROGRAM	16.817	KANSAS CITY MISSOURI METRO CRIME COMMISSION	N/A	10,417
VICTIM-OFFENDER OVERLAP SURVEY (VOOS)	16.RD		2016-BJ-R-1280	36,689
ATF EXPLOSIVE ENGINEERING COURSES	16.RD		DJA-15-AHDQ-K-0184	474,897
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109			1,361,252
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	IOWA STATE UNIVERSITY IOWA STATE UNIVERSITY	17970 17972	1,218
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	PURDUE UNIVERSITY PURDUE UNIVERSITY	4108-68289 4202-61322	6,878
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD TRANSPORTATION RESEARCH BOARD	HR 20-05(47-03) HR20-05(46-04) NCHRP--179	16,537 96,703
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	WAYNE STATE UNIVERSITY	WSU14056	39,745
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MARQUETTE UNIVERSITY	0092-16-01	31,968
HIGHWAY PLANNING AND CONSTRUCTION	20.205	EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	16221-MORAP-063016	30,881
HIGHWAY PLANNING AND CONSTRUCTION	20.205	IOWA DEPARTMENT OF TRANSPORTATION	16334	20,242
HIGHWAY PLANNING AND CONSTRUCTION	20.205	IOWA DEPARTMENT OF TRANSPORTATION	16336	11,236
HIGHWAY PLANNING AND CONSTRUCTION	20.205	IOWA STATE UNIVERSITY	17118	38,297
HIGHWAY PLANNING AND CONSTRUCTION	20.205	UNIVERSITY OF OKLAHOMA	2015-38	50,147
HIGHWAY PLANNING AND CONSTRUCTION	20.205	HDR ENGINEERING INC	N/A	4,877

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HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201405	$ 7,116
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201417	5,247
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201501	8,272
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201502	38,706
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR2015-03	39,018
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201504	30,231
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR2015-05	39,387
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201506	183,340
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201510	39,550
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201512	71,892
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201515	19,937
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201518	30,783
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201603	6,313
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201605	14,940
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201607	20,000
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201612	31,458
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201613	812
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201615	70,758
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TR201616	609
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TRYY1144	34,753
HIGHWAY PLANNING AND CONSTRUCTION	20.205	MISSOURI DEPARTMENT OF TRANSPORTATION	TRYY1236	60,826
METROPOLITAN TRANSPORTATION PLANNING AND STATE AND NON-METROPOLITAN PLANNING AND RESEARCH	20.505	EAST-WEST GATEWAY COUNCIL OF GOVERNMENT	16221-MORAP-063016	130,805
PUBLIC TRANSPORTATION RESEARCH	20.514			21,841
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	MISSOURI DEPARTMENT OF TRANSPORTATION	16-DL-02-001	32,047
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	IOWA STATE UNIVERSITY	436-77-40	770,169
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701			739,248
PIPELINE SAFETY RESEARCH COMPETITIVE ACADEMIC AGREEMENT PROGRAM (CAAP)	20.724			36,061
BIOBASED TRANSPORTATION RESEARCH	20.761	OKLAHOMA STATE UNIVERSITY	AB-5-66090.UMO1	23,344
TRANSPORTATION PLANNING, RESEARCH AND EDUCATION	20.931			136,229
COLUMBIA NMTP EVALUATION PHASE 3	20.RD	ALTA PLANNING & DESIGN	2013-079	5,949

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ENHANCING SAFETY RISK MANAGEMENT WITH QUANTITATIVE MEASU	20.RD	VIRGINIA SPACE GRANT CONSORTIUM	N/A	$ 7,109
EVALUATION OF ALTERNATIVE WORK ZONE SIGNING (TOPIC 3)	20.RD	UNIVERSITY OF WISCONSIN MADISON	604K085	2,696
NCHRP 12-104: GUIDELINES TO IMPROVE THE QUALITY OF ELEM	20.RD	TRANSPORTATION RESEARCH BOARD	HR 12-104	34,561
NCHRP 14-29: ASSESSING, CODING, AND MARKING OF HIGHWAY S	20.RD	OREGON STATE UNIVERSITY	J1857A-B	7,132
TASK ORDER PROPOSAL REQUEST (TOPR) NO. 14 - TOOLS FOR TA	20.RD	LEIDOS INC	P010156947	40,866
NCHRP18-17 ENTRAINED AIR VOID SYSTEM FOR DURABLE HIGHWAY	20.RD	IOWA STATE UNIVERSITY	428-17-14A	23,190
		JET PROPULSION LAB	1445905	
		JET PROPULSION LAB	1515795	
		JET PROPULSION LAB	1541372	
		JET PROPULSION LAB	1545559	
SCIENCE	43.001	JET PROPULSION LAB	1549171	104,332
SCIENCE	43.001	RENSSELAER POLYTECHNIC INSTITUTE	A12294 (NNS11AG44G)	15,149
SCIENCE	43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO6-17130X	604
		SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12060.46-A	
		SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12060.95-A	
SCIENCE	43.001	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12190.42-A	9,540
SCIENCE	43.001	UNIVERSITY OF FLORIDA	NNX12AE15G	26,335
SCIENCE	43.001			1,037,228
EXPLORATION	43.003			11,523
		NATIONAL INSTITUTE OF AEROSPACE	2974-MST	
EDUCATION	43.008	NATIONAL INSTITUTE OF AEROSPACE	C13-2900-MST 2A40	26,823
EDUCATION	43.008	WICHITA STATE UNIVERSITY	WSUSUB10430	20,224
EDUCATION	43.008			919,060
CROSS AGENCY SUPPORT	43.009	ICS ASSOCIATES INC	00052713	1,000
CROSS AGENCY SUPPORT	43.009			250,056
SPACE TECHNOLOGY	43.012			36,078
SUPPLY OF NANOSTRUCTURED SILICON CARBIDE AEROGEL POWDER	43.RD	SD MILLER AND ASSOCIATES PLLC	00049604	24,990
MULTIDISCIPLINARY ANALYSIS AND OPTIMIZATION OF INTEGRATE	43.RD	M4 ENGINEERING INC	00049606	29,618
DEMONSTRATION OF OPTICAL MINING FOR ASTEROID EXCAVATION	43.RD	ICS ASSOCIATES INC	00051148	2,500
QUANTIFYING VARIATIONS OF TROPICAL FOREST STRUCTURE AND	43.RD	JET PROPULSION LAB	1474528	12,227
PLASMA PLUME CHARACTERIZATION OF GEM THRUSTERS	43.RD	DIGITAL SOLID STATE PROPULSION LLC	2015698	35,000
CLIMATIC AND SOCIOECONOMIC DRIVERS OF LAND-COVER AND LAN	43.RD	SCIENCE SYSTEMS AND APPLICATIONS INC	21512-16-003	636
X-RAY OBSERVATIONS OF IDCS J1426.5+3508: A VERY MASSIVE,	43.RD	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO3-14135A	34,101
A LENSING STUDY OF IDCS J1426.5+3508: A MASSIVE GALAXY C	43.RD	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-12994.07-A	24,275

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FUNDAMENTALS OF ESTIMATION	43.RD		NNX15TC83P	$ 10,000
ORBIT DETERMINATION	43.RD		NNX15TE35P	10,000
NUMERICAL METHODS IN ESTIMATION AND NAVIGATION	43.RD		NNX15TF10P	10,000
SNAPSHOTS OF MASSIVE GALAXY CLUSTERS AT Z~1 FROM THE MASSIVE AND DISTANT CLUSTERS OF WISE SURVEY	43.RD	JET PROPULSION LAB	1540175	27,459
TRACING THE EVOLUTION OF STAR FORMATION ACTIVITY IN HIGH	43.RD	JET PROPULSION LAB	RSA 1472134	3,096
SEE CHANGE: TESTING TIME-VARYING DARK ENERGY WITH Z > 1	43.RD	SPACE TELESCOPE SCI INST	HST-GO-13677.015-A	27,652
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024			22,900
PROMOTION OF THE HUMANITIES_RESEARCH	45.161	LAFAYETTE COLLEGE	152363 SUB	302
PROMOTION OF THE HUMANITIES_RESEARCH	45.161			112,342
PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS	45.164			12,027
GRANTS TO STATES	45.310	MISSOURI STATE LIBRARY	2015-LSD5-DIGC5CN5-7	74,497
ENGINEERING GRANTS	47.041	BROWN UNIVERSITY	00000653	59,890
ENGINEERING GRANTS	47.041	MISSISSIPPI STATE UNIVERSITY	060100.362600.01	64,627
ENGINEERING GRANTS	47.041	TUFTS UNIVERSITY	100854-00001	15,419
ENGINEERING GRANTS	47.041	CARNEGIE MELLON UNIVERSITY	1122191-351314	2,732
ENGINEERING GRANTS	47.041	NORTH CAROLINA STATE UNIVERSITY	2008-1015-03	354,764
ENGINEERING GRANTS	47.041	UNIVERSITY OF TEXAS ARLINGTON	26-1005-6561	44,145
ENGINEERING GRANTS	47.041	LIGNOLINK INC	N/A	15
ENGINEERING GRANTS	47.041	UNIVERSITY OF ARKANSAS	SA1610096	46,810
ENGINEERING GRANTS	47.041	UNIVERSITY OF ALABAMA	UA14-050	5,069
ENGINEERING GRANTS	47.041			3,927,149
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			4,061,426
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	VIRGINIA TECH UNIVERSITY	479342-19228	40,798
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	CATHOLIC UNIVERSITY OF AMERICA	AST-1211362	30,210
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	NORTHWESTERN UNIVERSITY	SP0013743-PROJ000365	34,493
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF FLORIDA	UF12309/ UFDSP00010919	3,132
GEOSCIENCES	47.050			873,548
GEOSCIENCES	47.050	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2015-091	10,599
GEOSCIENCES	47.050	CONSORTIUM FOR OCEAN LEADERSHIP	T348A58	553
GEOSCIENCES	47.050	RESEARCH CORPORATION OF THE UNIVERSITY OF HAWAII	Z10076061	1,994
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			3,053,148
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	BBN TECHNOLOGIES CORP	14563	49,658
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	RAYTHEON BBN TECHNOLOGIES	1937	13,900
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	WRIGHT STATE UNIVERSITY	PO# P0025758	20,718
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	ARKANSAS STATE UNIVERSITY	SA15-704-15-2	9,983
BIOLOGICAL SCIENCES	47.074			6,462,715
BIOLOGICAL SCIENCES	47.074	WORCESTER POLYTECHNIC INSTITUTE	16-203730-00	21,943

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BIOLOGICAL SCIENCES	47.074	WASHINGTON STATE UNIVERSITY	118996 G003358	$ 213,200
BIOLOGICAL SCIENCES	47.074	INSTITUTE OF ECOSYSTEM STUDIES	3161/200201409	7,073
BIOLOGICAL SCIENCES	47.074	PENNSYLVANIA STATE UNIVERSITY	4371-UM-NSF-5974	20,326
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF RHODE ISLAND	4451/102615	138,026
BIOLOGICAL SCIENCES	47.074	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE INC	6200	86,578
BIOLOGICAL SCIENCES	47.074	CORNELL UNIVERSITY	67183-10109	236,070
BIOLOGICAL SCIENCES	47.074	SOUTHWESTERN OKLAHOMA STATE UNIVERSITY	FY14-004	25,350
BIOLOGICAL SCIENCES	47.074	COLORADO STATE UNIVERSITY	G-4023-1	207,687
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF MINNESOTA UNIVERSITY OF MINNESOTA	H001895401 H004551101	32,322
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA	RC371-229/4941836 RC371-288/S000904 RR167-540/4694598 RR167-629/S000817	379,039
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			1,641,781
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	RESEARCH FOUNDATION OF SUNY	15-15	22,342
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	WAKE FOREST UNIVERSITY	16-002	17,947
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	UNIVERSITY OF MARYLAND	20269-Q2753001	9,959
EDUCATION AND HUMAN RESOURCES	47.076			3,469,059
EDUCATION AND HUMAN RESOURCES	47.076	UNIVERSITY OF COLORADO AT BOULDER	1550703	64,181
EDUCATION AND HUMAN RESOURCES	47.076	DREXEL UNIVERSITY	235819-3629	116
EDUCATION AND HUMAN RESOURCES	47.076	VENTUREWELL	N/A	2,250
EDUCATION AND HUMAN RESOURCES	47.076	HUNTER COLLEGE OF THE CITY UNIVERSITY OF NEW YORK	40A70-B	65,880
EDUCATION AND HUMAN RESOURCES	47.076	ED LAB GROUP FNDTN	EQ2013-67	857
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERINC	47.079			2,631,299
OFFICE OF CYBERINFRASTRUCTURE	47.080			144,015
OFFICE OF CYBERINFRASTRUCTURE	47.080	OHIO STATE UNIVERSITY	60036515	24,902
OFFICE OF INTEGRATIVE ACTIVITIES	47.083			2,129,702
IPA ASSIGNMENT FOR DR. CHENGSHAN XIAO TO A PROGRAM DIREC	47.RD		1539316	161,894
VETERANS ADMINISTRATION IPA	64.RD		N/A	695,714
ENGINEERING GAMIFICATION FOR SUCCESSFUL USER ENGAGEMENT	64.RD		636-C41281	37,907
DEVELOPMENT OF A BED MANAGEMENT "CONTROL TOWER"	64.RD		636-C41282	22,381
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460	MISSOURI DEPARTMENT OF NATURAL RESOURCES	G13-NPS-08	59,306
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461			79,833
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	MISSOURI DEPARTMENT OF CONSERVATION	384	51,946
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	157,251
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509			241,653

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SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	UNIVERSITY OF SOUTHERN CALIFORNIA	62098330	$ 84,347
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	LINCOLN UNIVERSITY UNIVERSITY OF GEORGIA	8188B 83517301	26,050
P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY	66.516			14,404
U. S. NUCLEAR REGULATORY COMMISSION NUCLEAR EDUCATION GRANT PROGRAM	77.006			13,205
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008			663,859
STATE ENERGY PROGRAM	81.041	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	0048473 N/A	31,349
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			1,444,998
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	INNOCIT LLC	00049652	47,499
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MISSOURI SCIENCE CORP	00050313	127,142
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF MASSACHUSETTS	007216A03	140,469
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	NORTH CAROLINA STATE UNIVERSITY	2015-2076-01	71,081
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PNEUMATICOAT TECHNOLOGIES LLC	N/A	37,059
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	HUNTER COLLEGE OF THE CITY UNIVERSITY OF NEW YORK	47824-A	17,019
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF SOUTHERN CALIFORNIA	68291175	57,677
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SAMRAKSH COMPANY	DE-SC0007531-MU	64,419
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF TEXAS AUSTIN	UTA15-001186	74,876
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			272,026
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	US AUTOMOTIVE MATERIALS PARTNERSHIP	15-2911-AMP	25,198
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			(468,702)
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			912,262
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	MIDWEST RENEWABLE ENERGY ASSOCIATION	0042853	58,057
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	HRL LAB	13083-403263-DS	24,921
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	AMES LABORATORY	SC-15-433	41,650
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	UNIVERSITY OF FLORIDA	UF13014 > UFDSP00011010	(85,397)
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089			1,229,819
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	UNIVERSITY OF LOUISIANA AT LAFAYETTE	112-1132-1	68,221
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	N/A	44,189
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121			730,419
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	DONALD DANFORTH PLANT SCIENCE CENTER	21018-UM	124,110
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	ADVANCED COOLING TECHNOLOGIES INC	24019	222,781
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	SHARP LAB OF AMERICA	SLA-UM DE-AR0000465	236,525

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THIN CURVED PLATE HYDRAULIC TEST	81.RD	ARGONNE NATIONAL LABORATORY	6J-00005-0007A	$ 23,772
A RESEARCH PROGRAM FOR PISSION PRODUCT/DUST TRANSPORT	81.RD	BATTELLE ENERGY ALLIANCE LLC	00118411	150,914
BEHAVIOR OF IMPLANTED HELIUM BELOW TUNGSTEN SURFACES, AS	81.RD	BATTELLE OAK RIDGE NATIONAL LABORATORY	4000135920	47,407
NEW MESOSCALE MULIT-MODAL IMAGING OF CELLULAR	81.RD	BROOKHAVEN NATIONAL LABORATORY	275256	52,290
R&D AIRBORNE DUST EXPLOSION EVALUATION	81.RD	CONSOLIDATED NUCLEAR SECURITY LLC	4300096259	246,790
PO NUMBER N000161188 - REPAIR REVERSIBLE HELICAL ELECTRO	81.RD	HONEYWELL FEDERAL MANUFATURING AND TECHNOLOGIES	N000161188	9,597
DEVELOP A PHASE FIELD MODEL FOR HYDRIDE FORMATION IN ZIR	81.RD	IDAHO NATIONAL LABORATORY	00151503	11,597
RAPID DEDUCTION AND COMPARATIVE GENOMICS OF SURVIVAL MEC	81.RD	LAWRENCE BERKELEY NATIONAL LABORATORY	06700892	540,526
DEVELOPING A METHODOLOGY FOR ESTIMATING BUILDING VARIANT	81.RD	LAWRENCE LIVERMORE NATIONAL LABORATORY	NO. B614443	38,128
LANL/MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY CYBER	81.RD	LOS ALAMOS NATIONAL LABORATORY	259565	82,815
ECOLOGY OF MALE GREATER SAGE-GROUSE IN RELATION TC WIND	81.RD	NATIONAL RENEWABLE ENERGY LABORATORY	XFT-1-11321-01	47,515
MISSOURI OZARK AMERIFLUX PROJECT PHASE THREE	81.RD	OAK RIDGE NATIONAL LABORATORY	4000090462	98,317
NUCLEAR REACTOR UPGRADE	81.RD	PACIFIC NORTHWEST NATIONAL LABORATORY	234597	7,080
INTERFACIAL AREA TRANSPORT STUDY IN GAS-DISPERSED FLOW U	81.RD	PURDUE UNIVERSITY	4105-63200	20,658
STUDY AND PILOT TEST OF PREFORMED PARTICLE GEL CONFORMAN	81.RD	RESEARCH PARTNER TO SECURE ENERGY FOR AMERICA	11123-14	66,616
ADVANCED GLASS AND GLASS COMPOSITE SCIENCE AND TECHNOLOG	81.RD	SANDIA NATIONAL LABORATORY	1463534	49,009
WATER MANAGEMENT IN MATURE OIL FIELDS USING ADVANCED PAR	81.RD	UNIVERSITY OF TEXAS AUSTIN	UTA13-000124	82,872
SYSTEMS ENGINEERING TRAINING FOR INCOSE EXAM PREPARATION	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000161541	683
METAL ADDITIVE MANUFACTURING MATERIALS ANALYSIS FOR MISS	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000161663	499,490
SUMMER PACKAGING AND RADIO FREQUENCY RESEARCH SYMPOSIUM	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000169728	1,048
TEM ANALYSIS SEAL INTERFACES	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000172962	3,660
A LARGE MASS REVERSIBLE HELICAL ELECTROMAGNETIC LAUNCHE	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000174953	85,353
FREQUENCY RESPONSE INSPECTION OF ADDITIVELY MANUFACTURED	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000182444	11,293
DEVELOPMENT AND FABRICATION OF THIN FILM PASSIVE DEVICES	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	N000185613	46,168

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ADDITIVE MANUFACTURING RAW MATERIAL ANALYSIS	81.RD	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES	PO# N000186386	$ 16,835
COUNTERING PATHOGEN INTERFACES WITH HUMAN DEFENSES	81.RD	LOS ALAMOS NATIONAL LABORATORY	363436	15,518
GENETICS OF MERCURY METHYLATION BY THE SULFATE-REDUCING	81.RD	OAK RIDGE NATIONAL LABORATORY	4000099787	50,000
S3TEC ENERGY FRONTIER RESEARCH CENTER - UNIVERSITY OF MI	81.RD	OAK RIDGE NATIONAL LABORATORY	4000142104	87,988
MOLECULAR MECHANISMS GOVERNING MERCURY	81.RD	OAK RIDGE NATIONAL LABORATORY	4000147581	15,058
HYPER-HEURISTICS FOR SOLVING REAL-WORLD PROBLEMS ON DIVE	81.RD	SANDIA NATIONAL LABORATORY	1498184	59,914
GLASS VISCOSITY CHARACTERIZATION	81.RD	SANDIA NATIONAL LABORATORY	1502003	11,178
SPECIAL EDUCATION_GRANTS TO STATES	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	689,581
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116			5,001
NATIONAL INSTITUTE ON DISABILITY AND REHABILITATION RESEARCH	84.133			26,568
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			340,530
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			1,864,316
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	JOHNS HOPKINS UNIVERSITY	2002639185	65,568
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	UNIVERSITY OF CHICAGO	FP049620	16,486
RESEARCH IN SPECIAL EDUCATION	84.324			635,536
RESEARCH IN SPECIAL EDUCATION	84.324	IOWA STATE UNIVERSITY	432-28-02	93,583
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF SOUTH FLORIDA	5810-1021-00-A	50,430
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF MINNESOTA	A003348601	211,978
RESEARCH IN SPECIAL EDUCATION	84.324	UNIVERSITY OF TEXAS AUSTIN	UTA12-000731	14,067
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	ST LOUIS PUBLIC SCHOOLS	10137960	19,172
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	MISSOURI DEPARTMENT OF HIGHER EDUCATION	N/A	31,284
STATE FISCAL STABILIZATION FUND (SFSF) - RACE-TO-THE-TOP INCENTIVE GRANTS, RECOVERY ACT	84.395	VANDERBILT UNIVERSITY	3762-018203	100,885
PUBLIC AWARENESS CAMPAIGNS ON EMBRYO ADOPTION	93.007	UNIVERSITY OF ILLINOIS SYSTEM	2010-01561-04-01	(223)
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103			22,588
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			49,058
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	ARKANSAS CHILDRENS HOSPITAL RESEARCH INSTITUTE	034492	2,259
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MASSACHUSETTS GENERAL HOSPITAL	220043	6,166
ENVIRONMENTAL HEALTH	93.113			1,514,348
ENVIRONMENTAL HEALTH	93.113	NORTH CAROLINA STATE UNIVERSITY	2011-1830-01	36,636
ENVIRONMENTAL HEALTH	93.113	INDIANA UNIVERSITY	BL-4645301-UM	(3,618)
ORAL DISEASES AND DISORDERS RESEARCH	93.121			1,991,191
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CLEMSON UNIVERSITY	1723-209-2008855	48,501

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RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			$ 25,813
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	NUVIANT MEDICAL INC	15-NIDCD-001	57,776
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	INDIANA UNIVERSITY	BL-4635515-UMC	96,960
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213			395,596
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226			1,609,845
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	UNIVERSITY OF PITTSBURGH	0042771(125364-2)	44,265
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	OREGON HEALTH SCIENCE UNIVERSITY	1005865_CUMISSO URI	3,443
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	RUTGERS UNIVERSITY RUTGERS UNIVERSITY	5878 5879	61,167
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	WASHINGTON UNIVERSITY	WU-15-123	23,549
MENTAL HEALTH RESEARCH GRANTS	93.242			2,648,075
MENTAL HEALTH RESEARCH GRANTS	93.242	EXOCYTRONICS LLC	00047734	30,710
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF PITTSBURGH	0024980 (120775-1)	20,198
MENTAL HEALTH RESEARCH GRANTS	93.242	MOUNT SINAI MEDICAL CENTER	0253-6142-4609	6,847
MENTAL HEALTH RESEARCH GRANTS	93.242	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	1R34MH103835-01A1	13,142
MENTAL HEALTH RESEARCH GRANTS	93.242	JOHNS HOPKINS UNIVERSITY	2000948893	23,168
MENTAL HEALTH RESEARCH GRANTS	93.242	BRANDEIS UNIVERSITY	403000	141,753
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	6191SC	11,673
MENTAL HEALTH RESEARCH GRANTS	93.242	CORNELL UNIVERSITY	63611-9676	42,056
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF HAWAII	KA150022	22,273
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			307,405
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247			549,035
HEALTH SYSTEMS STRENGTHENING AND HIV/AIDS PREVENTION, CARE AND TREATMENT UNDER THE PRESIDENT'S EMERGENCY PLAN FOR AIDS RELIEF	93.266	RUTGERS UNIVERSITY	5461	5,397
ALCOHOL RESEARCH PROGRAMS	93.273			2,961,739
ALCOHOL RESEARCH PROGRAMS	93.273	UNIVERSITY OF PITTSBURGH	0030254 (123938-1)	28,008
ALCOHOL RESEARCH PROGRAMS	93.273	ST LOUIS UNIVERSITY	N/A	58,088
ALCOHOL RESEARCH PROGRAMS	93.273	UNIVERSITY OF MEMPHIS	UNIVERSITY INDEX 5-4	179,139
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			973,577
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RTI INTERNATIONAL	52090L	36,824
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	5-30995	121,105
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283			88,933
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			204,906
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	UNIVERSITY OF KENTUCKY	3048111723-15-013	43,982

University of Missouri System
Schedule of Expenditures of Federal Awards - Summary of Program Clusters
Year Ended June 30, 2016

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	OHIO STATE UNIVERSITY	60053590	$ 32,288
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			314,171
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	ASSOCIATION OF AMERICAN MEDICAL COLLEGES	N/A	109,571
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	ASSOCIATION OF PUBLIC & LAND GRANT UNIVERSITIES	N/A	2,000
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC	N/A 5UL1TR000001-05 QB85444U	89,874
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			5,872,424
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	CRYOCRATE LLC	N/A	42,829
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	MICHIGAN STATE UNIVERSITY	RC103190UM	44,788
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360	JOHNS HOPKINS UNIVERSITY	2001837727	111,480
NURSING RESEARCH	93.361			843,117
NURSING RESEARCH	93.361	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	8648	18,099
NURSING RESEARCH	93.361	UNIVERSITY OF FLORIDA	UFDSP00010644	13,031
NURSING RESEARCH	93.361	UNIVERSITY OF WASHINGTON	UWSC4334	20,745
NURSING RESEARCH	93.361	WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	WU-11-142 WU-12-21 WU-12-21-MOD-5 WU-14-86 WU-14-86-MOD-3 WU-15-341 WU-16-301	87,759
NATIONAL CENTER FOR RESEARCH RESOURCES	93.389			245,881
CANCER CAUSE AND PREVENTION RESEARCH	93.393			103,803
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF KANSAS	FY2014-081	143,529
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE, INC	QR864360	26,412
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			57,441
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	DUQUESNE UNIVERSITY	250080	25,677
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	SURGISENSE CORPORATION	N/A	20,878
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD516825 BD516825A	50,330
CANCER TREATMENT RESEARCH	93.395			869,586

University of Missouri System
Schedule of Expenditures of Federal Awards - Summary of Program Clusters
Year Ended June 30, 2016

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
CANCER TREATMENT RESEARCH	93.395	WASHINGTON UNIVERSITY	N/A	$ 16,335
CANCER TREATMENT RESEARCH	93.395	ISO THERAPEUTIC GROUP, LLC	N/A	7,406
CANCER TREATMENT RESEARCH	93.395	VIEWPOINT MOLECULAR TARGETING, LLC	N/A	25,057
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	9500080215-12C	2,568
CANCER TREATMENT RESEARCH	93.395	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD517367	52,763
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	FY2013-069-M2	3,142
CANCER TREATMENT RESEARCH	93.395	ALLIANCE FOR CLINICAL TRIALS IN ONCOLOGY	MO036	86,742
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	NCORP FP00017458_SUB142	994
CANCER TREATMENT RESEARCH	93.395	NATIONAL SURGICAL ADJUVANT BREAST AND BOWEL	TFED40	3,734
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF IOWA	W000651422	52,733
CANCER BIOLOGY RESEARCH	93.396			647,577
CANCER BIOLOGY RESEARCH	93.396	FLORIDA ATANTIC UNIVERSITY	RJ86	57,688
CANCER CENTERS SUPPORT GRANTS	93.397	MEMORIAL SLOAN-KETTERING INSTITUTE FOR CANCER	BD518793	82,009
CANCER CONTROL	93.399	WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	N/A	5,500
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			100,268
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505	CHILDREN'S MERCY HOSPITAL CHILDREN'S MERCY HOSPITAL	15-0002 16-0001	50,529
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380162	567,300
HEALTH CARE INNOVATION AWARDS (HCIA)	93.610	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	CMS-1C1-12-001	21,851
AFFORDABLE CARE ACT INITIATIVE TO REDUCE AVOIDABLE HOSPITALIZATIONS AMONG NURSING FACILITY RESIDENTS	93.621			4,373,139
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647			98,876
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701			(2,892)
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701	THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	HHSN271200900019C	27,328
MEDICAL ASSISTANCE PROGRAM	93.778	MISSOURI DEPARTMENT OF MENTAL HEALTH MISSOURI DEPARTMENT OF MENTAL HEALTH	AOC15380134 AOC16380085	180,721
CARDIOVASCULAR DISEASES RESEARCH	93.837			6,089,814
CARDIOVASCULAR DISEASES RESEARCH	93.837	BRIGHAM AND WOMENS HOSPITAL	PS# 107223	8,227
CARDIOVASCULAR DISEASES RESEARCH	93.837	DUKE UNIVERSITY DUKE UNIVERSITY	200464 HL105565	50,328
CARDIOVASCULAR DISEASES RESEARCH	93.837	GEORGIA HEALTH SCIENCES UNIVERSITY	27616-2	2,016
CARDIOVASCULAR DISEASES RESEARCH	93.837	NANOVA, INC	N/A	3,434
CARDIOVASCULAR DISEASES RESEARCH	93.837	TUFTS UNIVERSITY	5010929-SERV	135,910

University of Missouri System
Schedule of Expenditures of Federal Awards - Summary of Program Clusters
Year Ended June 30, 2016

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
CARDIOVASCULAR DISEASES RESEARCH	93.837	TEXAS A&M UNIVERSITY	23-S152308/M1500033	$ 84,075
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF CALIFORNIA SAN FRANCISCO	8034SC	106,938
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF FLORIDA	UFDSP00010723	66,105
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF MICHIGAN	3003532896	21,717
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF ROCHESTER	415620-G	7,632
CARDIOVASCULAR DISEASES RESEARCH	93.837	WASHINGTON UNIVERSITY	WU-16-41	28,874
LUNG DISEASES RESEARCH	93.838			90,846
LUNG DISEASES RESEARCH	93.838	AMERICAN LUNG ASSOCIATION	N/A	25,391
LUNG DISEASES RESEARCH	93.838	UNIVERSITY OF IOWA UNIVERSITY OF IOWA	W000574145 W000741745	94,071
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	UNIVERSTIY OF TEXAS SOUTHWEST MEDICAL CENTER OF DALLAS	150118	174,337
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			485,742
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	DUKE UNIVERSITY	203-5349	22,663
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	UNIVERSTIY OF CALIFORNIA DAVIS	5R01AR043052	12,888
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	KANSAS STATE UNIVERSITY	7R01AR060788	21,200
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			2,626,161
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	TUFTS UNIVERSITY	PO5011759	146,563
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	CASE WESTERN UNIVERSITY CASE WESTERN UNIVERSITY CASE WESTERN UNIVERSITY CASE WESTERN UNIVERSITY	RES508613 RES509264 RES509467 RES510017	149,517
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	EMORY UNIVERSITY	T521105	31,570
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF FLORIDA	UFDSP00010752	16,691
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	MAYO CLINIC	UNI-203449	73,659
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY WASHINGTON UNIVERSITY	WU-14-103 WU-14-103-MOD-2 WU-15-359	33,487
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			1,275,094
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			6,060,389
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	LOUISIANA STATE UNIVERSITY LOUISIANA STATE UNIVERSITY	14-17-108 16-17-104	240,202
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	TECHSHOT, INC	N/A	228,552
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	ROCKEFELLER UNIVERSITY	5R01A1099284-04	95,684
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	INDIANA UNIVERSITY	BL-4624218-UM	47,043
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	KANSAS STATE UNIVERSITY KANSAS STATE UNIVERSITY	R21AI113552 S13115	154,239
MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH	93.856			25,141
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			4,714,026
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF UTAH	10027535-15-M	93,421

University of Missouri System
Schedule of Expenditures of Federal Awards - Summary of Program Clusters
Year Ended June 30, 2016

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF NEBRASKA - LINCOLN	24-6230-0152-002	$ 132,157
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	DONALD DANFORTH PLANT SCIENCE CENTER	N/A	32,540
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	B-TECH CONSULTING	2R44GM097902	80,437
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF MICHIGAN	3002869733	160,688
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	VIRGINIA TECH UNIVERSITY	431648-19228	57,120
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SCRIPPS RESEARCH INSTITUTE	5-52462	76,882
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	LAWRENCE BERKELEY NATIONAL LABORATORY	7115870	113,042
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	ST LOUIS UNIVERSITY	ERS 37360	130,967
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			2,285,253
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF PITTSBURGH	0038508(125093-1)	85,245
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	JOHNS HOPKINS UNIVERSITY	2002181008	14,539
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	STANFORD UNIVERSITY	26135580-28747-A	(33,386)
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	MICHIGAN PUBLIC HEALTH INSTITUTE	K-30209-116-504200	35,579
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF MICHIGAN	R03HD077909	3,196
AGING RESEARCH	93.866			1,701,908
AGING RESEARCH	93.866	EMMYON INC	N/A	1,240
AGING RESEARCH	93.866	UNIVERSITY OF MICHIGAN	3003497027	19,999
AGING RESEARCH	93.866	NORTHWESTERN UNIVERSITY	60040682 UMKC	4,397
AGING RESEARCH	93.866	UNIVERSITY OF SOUTH FLORIDA	6201-1118-00-B	1,833
AGING RESEARCH	93.866	UNIVERSITY OF NORTH TEXAS	RN0088-2013-001	121,797
VISION RESEARCH	93.867			1,895,754
VISION RESEARCH	93.867	UNIVERSITY OF FLORIDA	UFDSP00010642	37,745
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND CONTROL	93.945	MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES	AOC15380257	187,795
ENGINEERED SOLUTIONS: DUMP TRUCK VIBRATIONS AND IMPACT	93.RD		200-2011-40817	73,608
LABORATORY DIABETES ANALYSIS FOR NHANES 2012-2017 SOLIC	93.RD		200-2012-51278	50,992
PLASMA SELENIUM AND RISK OF ESOPHAGEAL SQUAMOUS CELL CAR	93.RD		HHSN261201400327 P	2,472
MEASUREMENT OF SELENIUM, MERCURY, IRON, ZINC AND SCANDIU	93.RD		HHSN261201500234 P	42,164
TASK A31- DEVELOPMENT OF THE RAT ANIMAL MODEL FOR PROOF	93.RD		HHSN27200001	72,499
R&D IN COMPUTER-ASSISTED PROCESSING OF DIGITIZED HISTOLO	93.RD		HHSN276201200028 C	8,278
COMPUTER METHODS FOR DIGITIZED HISTOLOGY IMAGE ANALYSIS	93.RD		HHSN276201500691 P	25,708
SMARTPHONE PLATFORM FOR MALARIA DIAGNOSIS	93.RD		HHSN276201500705 P	23,753
A PRECLINICAL COMPARISON OF THREE INDENOISOQUINOLINES CA	93.RD	LEIDOS, INC	14X103	11,443
NEEDS ASSESSMENT FOR LEAD POISONING IN JACKSON AND CLAY	93.RD	CHILDREN'S MERCY HOSPITAL	N/A	22,692
TYPE 1 DIABETES TRIALNET - USF	93.RD	UNIVERSITY OF SOUTH FLORIDA	TRIALNET SITE #224	5,814

University of Missouri System
Schedule of Expenditures of Federal Awards - Summary of Program Clusters
Year Ended June 30, 2016

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
NATIONAL DAM SAFETY PROGRAM	97.041	MISSOURI DEPARTMENT OF NATURAL RESOURCES	N/A	$ 34,295
NATIONAL NUCLEAR FORENSICS EXPERTISE DEVELOPMENT PROGRAM	97.130	UNIVERSITY OF SOUTH CAROLINA	15-2858	84,430
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-13 2013-04026-14	186,105
FOUNDATIONS FOR SOYBEANS IN AFRICA PROJECT MRA #2 UIUC	98.RD	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	2013-04026-05	190,011
RYAN DIBALA: INTERSPECIFIC INTERACTIONS AMONG TREES, SHR	98.RD	PURDUE UNIVERSITY	8000069606	14,720
TOTAL RESEARCH AND DEVELOPMENT PROGRAMS				$ 149,646,858
SNAP CLUSTER PROGRAMS				
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC10380257 AOC14380055 AOC16380120 N/A	$ 11,400,543
TOTAL SNAP CLUSTER PROGRAMS				$ 11,400,543
SPECIAL EDUCATION CLUSTER (IDEA) PROGRAMS				
SPECIAL EDUCATION_GRANTS TO STATES	84.027	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	N/A	$ 3,348,004
TOTAL SPECIAL EDUCATION CLUSTER (IDEA) PROGRAMS				$ 3,348,004
STUDENT FINANCIAL ASSISTANCE PROGRAMS				
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007			$ 1,713,837
FEDERAL WORK-STUDY PROGRAM	84.033			2,701,974
PERKINS LOAN PROGRAM	84.038			34,065,499
FEDERAL PELL GRANT PROGRAM	84.063			57,387,736
FEDERAL DIRECT STUDENT LOANS	84.268			397,843,227
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379			266,301
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264			1,719,944
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342			19,687,641
NURSING STUDENT LOANS	93.364			1,543,078
SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM DISADVANTAGED BACKGROUNDS	93.925			661,722
TOTAL STUDENT FINANCIAL ASSISTANCE PROGRAMS				$ 517,590,959
TANF CLUSTER PROGRAMS				
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	MISSOURI DEPARTMENT OF SOCIAL SERVICES MISSOURI DEPARTMENT OF SOCIAL SERVICES	AOC15380152 DC11-02863 (TANF)	$ 390,592
TOTAL TANF CLUSTER PROGRAMS				$ 390,592

University of Missouri System

Schedule of Expenditures of Federal Awards - Summary of Program Clusters

Year Ended June 30, 2016

Cluster Name/Program Title	Federal CFDA Number	Pass-Through Entity Name	Pass-Through Entity or Other Identifying Number	Federal Expenditures
TRIO CLUSTER PROGRAMS				
TRIO_STUDENT SUPPORT SERVICES	84.042			$ 554,944
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			250,509
TOTAL TRIO CLUSTER PROGRAMS				$ 805,453
WIA CLUSTER PROGRAMS				
WIA ADULT PROGRAM	17.258	ST LOUIS AGENCY ON TRAINING AND EMPLOYMENT	N/A	$ 9,867
WIA ADULT PROGRAM	17.258	SACRAMENTO EMPLOYMENT AND TRAINING AGENCY	PO #P601552	12,000
WIA DISLOCATED WORKER FORMULA GRANTS	17.278	MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT MISSOURI DEPARTMENT OF ECONOMIC DEVELOPMENT	99-21-16-15 99-21-16-16	195,505
TOTAL WIA CLUSTER PROGRAMS				$ 217,372

University of Missouri System

Notes to the Schedules of Expenditures of Federal Awards

Year Ended June 30, 2016

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, 2016. 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, 2016, consists of:

Federal Grantor/Program Title	Federal CFDA Number	Outstanding Balance at June 30, 2016
DEPARTMENT OF EDUCATION LOAN PROGRAMS		
PERKINS LOAN PROGRAM	84.038	$ 28,449,656
FEDERAL DIRECT STUDENT LOANS	84.268	N/A
DEPARTMENT OF HEALTH AND HUMAN SERVICES LOAN PROGRAMS		
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264	$ 1,569,103
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342	17,262,103
NURSING STUDENT LOANS	93.364	1,264,259

BKD LLP
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Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance with *Government Auditing Standards*

The Board of Curators
The University of Missouri System
Columbia, Missouri

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the business-type activities, the discretely presented component unit, and the aggregate remaining fund information of the University of Missouri System ("System"), a component unit of the State of Missouri, as of and for the year ended June 30, 2016, 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 13, 2016.

Internal Control Over Financial Reporting

Management of the System is responsible for establishing and maintaining effective internal control over financial reporting (internal control). In planning and performing our audit of the financial statements, we considered the System's internal control to determine the 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 System'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.

Praxity MEMBER GLOBAL ALLIANCE OF INDEPENDENT FIRMS

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 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 System's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

BKD, LLP

Kansas City, Missouri
October 13, 2016

BKD LLP
CPAs & Advisors

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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

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 the System's major federal program for the year ended June 30, 2016. The System's major federal program is 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, contracts 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 the major federal program. However, our audit does not provide a legal determination of the System's compliance.

Praxity MEMBER GLOBAL ALLIANCE OF INDEPENDENT FIRMS

Opinion on the 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 its major federal program for the year ended June 30, 2016.

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 the major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing our opinion on compliance for the 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 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.

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

We have audited the financial statements of the business-type activities, the discretely presented component units and the aggregate remaining fund information of the University of Missouri System as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the System's basic financial statements. We issued our report thereon dated October 13, 2016, which contained an unmodified opinion on those financial statements. Our audit was performed 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 and schedule of expenditures of federal awards – summary of program clusters are presented for purposes of additional

analysis as required by the Uniform Guidance and 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 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 schedules of expenditures of federal awards are fairly stated in all material respects in relation to the basic financial statements as a whole.

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.

BKD, LLP

Kansas City, Missouri
February 27, 2017

University of Missouri System
Schedule of Findings and Questioned Costs
Year Ended June 30, 2016

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, 2016

7. The Organization's major program was:

Cluster/Program	CFDA Number
Federal Student 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 Loans	84.268
Teacher Education Assistance for College and Higher Education Grants	84.379
Nursing Faculty Loans	93.264
Health Professional Student Loans	93.342
Nursing Student Loans	93.364
Scholarships for Health Profession Students from Disadvantaged Backgrounds	93.925

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

9. The Organization qualified as a low-risk auditee? ☒ Yes ☐ No

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
CURRENT STATUS OF PRIOR YEAR SCHEDULE OF FINDINGS
YEAR ENDED JUNE 30, 2016

Finding 2014-003

Federal Program Information — Research and Development Cluster – Equipment & Real Property Management

Status – Corrected

Contact Name: Eric Vogelweid, Assistant Vice President and Controller
Contact Telephone Number: (573) 882-6435

Finding 2015-001

Federal Program Information — Student Financial Assistance Cluster – Reporting – Special Reporting

Status – Corrected

Contact Name: Eric Vogelweid, Assistant Vice President and Controller
Contact Telephone Number: (573) 882-6435

Finding 2015-002

Federal Program Information — Research and Development Cluster – Equipment & Real Property Management

Status – Corrected

Contact Name: Eric Vogelweid, Assistant Vice President and Controller
Contact Telephone Number: (573) 882-6435

Finding 2015-003

Federal Program Information — Research and Development Cluster and Substance Abuse and Mental Health Services – Allowable Costs/Cost Principles

Status – Corrected

Contact Name: Eric Vogelweid, Assistant Vice President and Controller
Contact Telephone Number: (573) 882-6435