



**SAINT LOUIS UNIVERSITY**

Uniform Guidance Single Audit Report

Year ended June 30, 2016

(With Independent Auditors' Reports Thereon)

**SAINT LOUIS UNIVERSITY**  
Uniform Guidance Single Audit Report  
Year ended June 30, 2016

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Saint Louis University's audited consolidated financial statements, as of and for the year ended June 30, 2016, are separately attached hereto.	



KPMG LLP  
Suite 900  
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**Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With *Government Auditing Standards***

The Board of Trustees  
Saint Louis University:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the consolidated financial statements of Saint Louis University, which comprise the consolidated statement of financial position as of June 30, 2016, and the related consolidated statements of activities and cash flows for the year then ended, and the related notes to the consolidated financial statements, and have issued our report thereon dated October 28, 2016.

*Internal Control Over Financial Reporting*

In planning and performing our audit of the consolidated financial statements, we considered Saint Louis University's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the consolidated financial statements, but not for the purpose of expressing an opinion on the effectiveness of Saint Louis University's internal control. Accordingly, we do not express an opinion on the effectiveness of Saint Louis University'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 combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

*Compliance and Other Matters*

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



*Purpose of this Report*

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Saint Louis University'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 Saint Louis University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

KPMG LLP

St. Louis, Missouri  
October 28, 2016



KPMG LLP  
Suite 900  
10 South Broadway  
St. Louis, MO 63102-1761

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

The Board of Trustees  
Saint Louis University:

### **Report on Compliance for Each Major Federal Program**

We have audited Saint Louis University's compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on Saint Louis University's major federal program for the year ended June 30, 2016. Saint Louis University's major federal program is identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

#### *Management's Responsibility*

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

#### *Auditors' Responsibility*

Our responsibility is to express an opinion on compliance for Saint Louis University's major federal program 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 Saint Louis University'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 Saint Louis University's compliance.

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

In our opinion, Saint Louis University 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 Saint Louis University 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 Saint Louis University's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Saint Louis University'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 and therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we identified a certain deficiency in internal control over compliance, as described in the accompanying schedule of findings and questioned costs as item 2016-001, which we consider to be a significant deficiency.

Saint Louis University's response to the internal control over compliance finding identified in our audit is described in the accompanying schedule of findings and questioned costs. Saint Louis University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

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



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

We have audited the consolidated financial statements of Saint Louis University as of and for the year ended June 30, 2016, and have issued our report thereon dated October 28, 2016, which contained an unmodified opinion on those consolidated financial statements. Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the consolidated 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 consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the consolidated financial statements as a whole.

*KPMG LLP*

St. Louis, Missouri  
March 31, 2017

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Student Financial Assistance Cluster</b>							
<b>84 Department Of Education</b>							
FSEOG Program 2015-2016	Direct	84.007	P007A152375	976,519			
FWS Program 2014-2015	Direct	84.033	P033A142375	-133,764			
FWS Program 2015-2016	Direct	84.033	P033A152375	962,284			
Federal Perkins Loan Program	Direct	84.038	P038A022375	16,203,048			
Pell Program 2011-2012	Direct	84.063	P063P111755	-525			
PELL Program 2014-2015	Direct	84.063	P063P141755	7,087			
PELL Program 2015-2016	Direct	84.063	P063P151755	6,248,839			
Direct Loan Program 2013-2014	Direct	84.268	P268K141755	-232			
Direct Loan Program 2014-2015	Direct	84.268	P268K151755	231,958			
Direct Loan Program 2015-2016	Direct	84.268	P268K161755	110,969,197			
Direct Loan Program 2016-2017	Direct	84.268	P268K161755	5,291,589			
<b>Subtotal for Department Of Education -Direct</b>				<b>140,756,000</b>			
<b>Total for Department Of Education</b>						<b>140,756,000</b>	
<b>93 Department Of Health And Human Services</b>							
Nurse Faculty Loan Program	Direct	93.264	E01HP12987-01-00	338,572			
Primary Care Loans	Direct	93.342	7056101H-00	2,973,442			
Loans for Disadvantaged Students	Direct	93.342	7056108-06	324,266			
Nursing Student Loan Program	Direct	93.364	7056831-08	839,469			
<b>Subtotal for Department Of Health And Human Services -Direct</b>				<b>4,475,749</b>			
<b>93 ARRA Funding for Department Of Health And Human Services</b>							
ARRA - Nurse Faculty Loan Program ARRA Award	Direct	93.264	E0AHP15402-01-00	28,638			
<b>Subtotal for ARRA Funding for Department Of Health And Human Services -Direct</b>				<b>28,638</b>			
<b>Total for Department Of Health And Human Services</b>						<b>4,504,387</b>	

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**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>93 Department Of Health And Human Services (Continued):</b>							
<b>Total for Student Financial Assistance Cluster</b>							<b>145,260,387</b>
<b>Research and Development Cluster</b>							
<b>10 United States Department Of Agriculture</b>							
LMS Module Maintenance- Personnel Expenses	Direct	10.560	320471	16			
Exploring How Student Preferences Impact Their Milk Selection in School	Direct	10.587	USM-GR04592-04	8,471			
<b>Subtotal for United States Department Of Agriculture -Direct</b>				<b>8,487</b>			
<b>Total for United States Department Of Agriculture</b>						<b>8,487</b>	
<b>11 United States Department Of Commerce</b>							
Central U.S. Abnormality in Climate Change and its Response to Global Warming	Direct	11.431	NA11OAR4310094	8,859			
Using Reforecasts and Historical Observations to Assess Severe Weather Threat in the Extended Forecast Period	Direct	11.468	NA16NWS4680008	19,207			
<b>Subtotal for United States Department Of Commerce -Direct</b>				<b>28,066</b>			
South Carolina Sea Grant Consortium	Pass-Through	11.431	AWARD NO. NA15OAR4310111	9,864			
<b>Subtotal for United States Department Of Commerce -Pass-Through</b>				<b>9,864</b>			
<b>Total for United States Department Of Commerce</b>						<b>37,930</b>	
<b>12 United States Department of Defense</b>							
Investigation of Similitude and Distortion in Large-Scale moveable Bed Models View	Direct	12.000	W912P9-14-P-1139	34,701			
Evidence-Based Multimodal Neurodiagnostic Imaging of Traumatic Brain Injury and Post-Traumatic Stress Disorder at SANIC	Direct	12.420	W81XWH0820191	186,400	20,400		

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**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>12 United States Department of Defense (Continued):</b>							
Stabilization of 53BP1 in Triple-Negative & BRCA-deficient Breast Tumors	Direct	12.420	W81XWH-12-1-0354	4,115			
Relevancy of Serum Calcium in Predicting Blood Product Transfusion in Trauma	Direct	12.800	FA8650-14-2-6C02	14,588			
Thromboelastography (TEG) and Platelet Mapping (PM) Patterns in Traumatic Brain Injury	Direct	12.800	FA8650-15-2-6J01	18,892			
<b>Subtotal for United States Department of Defense -Direct</b>				<b>258,696</b>			
Inhibikase Therapeutics Inc	Pass-Through	12.000	320302	1,012			
Indiana University	Pass-Through	12.000	BL-4326920-SLU	26,842			
Emory University	Pass-Through	12.000	T506377	27,929			
Johns Hopkins Bloomberg	Pass-Through	12.420	W81WXH1020090	20,550			
<b>Subtotal for United States Department of Defense -Pass-Through</b>				<b>76,333</b>			
<b>Total for United States Department of Defense</b>						<b>335,029</b>	
<b>15 United States Department Of The Interior</b>							
Operation of the Mid-America Integrated Seismic Network	Direct	15.807	G10AC00092	-400			
Operation of the Mid-America Integrated Seismic Network	Direct	15.807	G15AC00041	143,918			
Operation of the Mid-America Integrated Seismic Network	Direct	15.807	G15AC00041, SPPL # 0002	98,402			
<b>Subtotal for United States Department Of The Interior -Direct</b>				<b>241,920</b>			
The University of Missouri	Pass-Through	15.805	C00053653-1	7,248			
<b>Subtotal for United States Department Of The Interior -Pass-Through</b>				<b>7,248</b>			
<b>Total for United States Department Of The Interior</b>						<b>249,168</b>	
<b>16 United States Department of Justice</b>							
Immunological Profiling to Distinguish Virus (Monkeypox) Infection from (Smallpox)	Direct	16.000	DJF-15-1200-P-0001007	1,503,071			

(Continued)

**SAINT LOUIS UNIVERSITY**  
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Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>16 United States Department of Justice (Continued):</b>							
<b>Subtotal for United States Department of Justice -Direct</b>				<u>1,503,071</u>			
<b>Total for United States Department of Justice</b>						<u>1,503,071</u>	
<b>20 United States Department Of Transportation</b>							
Center for Aviation Safety Research-Comprehensive Job Task Analysis and Building an Appropriate Curriculum for a Future Aerospace Workforce	Direct	20.108	08 G-014	240			
Center for Aviation Safety Research	Direct	20.108	08-G-014	<u>68,000</u>	68,000		
<b>Subtotal for United States Department Of Transportation -Direct</b>				<b>68,240</b>			
East-West Gateway Council of Governments	Pass-Through	20.200	320590	<u>26,760</u>			
<b>Subtotal for United States Department Of Transportation -Pass-Through</b>				<b>26,760</b>			
<b>Total for United States Department Of Transportation</b>						<u>95,000</u>	
<b>43 National Aeronautics and Space Administration</b>							
AQAST-Studies of the Relationship between Satellite-Derived Trace Gas Measurements and Surface Observations: A Proposal for Membership and Leadership of the Air Quality Applied Sciences Team	Direct	43.000	NNX11AJ63G	186,276			
Participation in Tropospheric Emissions: Monitoring of Pollution: (TEMPO) Program	Direct	43.000	SV3-83017	1,329			
Mission Success in Cubesats: Improving the Data Collection	Direct	43.008	GRANT NUMBER: NNX15AV50G	<u>18,616</u>			
<b>Subtotal for National Aeronautics and Space Administration -Direct</b>				<b>206,221</b>			
The University of Missouri	Pass-Through	43.001	00029558-06	6,791			
The University of Missouri	Pass-Through	43.008	00039711-07	5,628			
The University of Missouri	Pass-Through	43.008	SUBAWARD NO. 00050027-04	6,200			
The University of Missouri	Pass-Through	43.008	SUBAWARD NO. 00050287-02	14,135			

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**SAINT LOUIS UNIVERSITY**  
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Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>43 National Aeronautics and Space Administration (Continued):</b>							
<b>Subtotal for National Aeronautics and Space Administration -Pass-Through</b>				<b>32,754</b>			
<b>Total for National Aeronautics and Space Administration</b>						<b>238,975</b>	
<b>45 National Endowment of the Arts</b>							
Missouri Humanities Council - PAEP 2015	Direct	45.129	320613	8,001			
Mary Gladstone and the Victorian Salon, 1876-1883	Direct	45.160	320566	22,167			
James I of Aragon (1213-76) and His People	Direct	45.160	FB-57977-15	50,398			
<b>Subtotal for National Endowment of the Arts -Direct</b>				<b>80,566</b>			
<b>Total for National Endowment of the Arts</b>						<b>80,566</b>	
<b>47 National Science Foundation</b>							
I-CORPS L: Real-Time Graphical Presentation for Visually Impaired STEM Student	Direct	47.041	320684	19,232			
Development and Application of the AMOEBA Polarizable Force Field	Direct	47.049	320135	8,466			
Chemical Connectomics: Nonlinear Dynamics of Electrochemical Reaction Networks	Direct	47.049	320660	13,034			
Computational Tools for Dynamical Systems	Direct	47.049	320700	24,971			
NSF: DMS: Workshops for Women in Shape Analysis in Turkey	Direct	47.049	320780	1,671			
CAREER: Emergent Reactive Properties of Far-From-Equilibrium Electrochemical Systems	Direct	47.049	CHE0955555	156,024			
CAREER: Photoactive Atomic Oxygen Precursors for the Rapid, Selective Oxidation of Biological Thiols to Sulfenic Acids	Direct	47.049	CHE-1255270	55,994			
Nonlinear Geometry of Banach Spaces and Metric Spaces	Direct	47.049	DMS-1301591	27,056			
CGV: Small: Collaborative Research: Theories, algorithms, and applications of medial forms for shape analysis	Direct	47.049	IIS-131944	53,937			
Supplemental funds to enhance United States graduate student participation at River Flow 2016	Direct	47.050	320755	800			

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>47 National Science Foundation (Continued):</b>							
Collaborative Research: Northern Embayment Lithosphere Experiment (NELE)	Direct	47.050	EAR1053363	57,876			
Intermediate Deep Earthquakes: Investigations of the Predominance and Cause of Subhorizontal Faults	Direct	47.050	EAR-1141905	34,027			
Collaborative Research: Wabash Valley Seismic Experiment	Direct	47.050	EAR-1249701	57,769			
Accelerating Human Microbiome Analysis using Lighting-Fast Cloud Computing	Direct	47.070	320745	13,294			
CAREER: Generalizing Planar Algorithms	Direct	47.070	CCF-1054779	47,767			
STEM Literacy through Infographics	Direct	47.070	IIS-1441471	48,108			
CAREER: Development of GIS Applications for the Study of Aquatic Biodiversity: Assessing Environmental Factors regulating fish	Direct	47.074	DEB0844644	51,412			
Collaborative PBI: All Cypriniformes Species - Phase II of an Inventory of the Otophysi	Direct	47.074	DEB-1021840	190			
DISSERTATION RESEARCH: Accounting for Spatial Autocorrelation in Species Distribution Models Using a Bayesian Framework Consequences for Predictions Across Space and Time	Direct	47.074	DEB-1404187	2,681			
CAREER: Integrative Physiology of Anoxia Tolerance in Turtles	Direct	47.074	IOS-1253939	117,204			
Web Corpora and Computational Resources for Endangered Languages	Direct	47.075	BCS-1159174	5,307			
	Direct	47.076	DRL-1420320	48,758			
Collaborative Research: From the Learner's Perspective: Unpacking the Why and How of Model-based Learning About Biological Systems.	Direct	47.076	DUE-1245410	20,702			
Collaborative Research: Distributing the Load: Using the Structure-Behavior -Function Framework to Inform Instructional Design in Introductory Biology				_____			
<b>Subtotal for National Science Foundation -Direct</b>				<b>866,280</b>			
University of California San Diego	Pass-Through	47.049	320610	21,308			
University of California	Pass-Through	47.049	PO#10322410-SUB	5,436			
Regents of University of Colorado	Pass-Through	47.070	320217	-827			
University of Notre Dame du Lac	Pass-Through	47.075	320547	13,461			
The University of Missouri	Pass-Through	47.079	PROJECT NO. 00052854-2	66,556			
The University of Missouri	Pass-Through	47.083	C00052854-7	46,520			

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**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>47 National Science Foundation (Continued):</b>							
<b>Subtotal for National Science Foundation -Pass-Through</b>				<b>152,454</b>			
<b>Total for National Science Foundation</b>						<b>1,018,734</b>	
<b>64 Department of Veterans Affairs</b>							
Colonoscopy vs Fecal Immunochemical Test in Reducing Mortality from Colorectal Cancer ( CONFIRM)	Direct	64.000	320615	19,138			
Veterans Administration- Trauma Infectious Disease Outcomes Study (TIDOS)	Direct	64.000	320757	5,141			
Clinical Epidemiology Center at the St.Louis VA Health Care System	Direct	64.000	657-5D0015	16,103			
IPA Agreement	Direct	64.000	6576D0009	10,428			
Clinical Epidemiology Center at the St.Louis VA Health Care System	Direct	64.000	6576D0016	28,824			
Colonoscopy vs Fecal Immunochemical Test in Reducing Mortality from Colorectal Cancer ( CONFIRM)	Direct	64.000	6576D0017	57,415			
IPA Agreement	Direct	64.000	6576D0068	2,781			
IPA Agreement	Direct	64.000	6756D0018	22,468			
A Virtual Pediatric Simulator for Emergency Scenario Training of Military Medica	Direct	64.000	N00014-14-0046	221,632	84,418		
Longitudinal Changes in Auditory Functions Among Disabled Veterans with Diabetes	Direct	64.000	PO # 648-D54050	35,833			
IPA Agreement	Direct	64.000	PO 657 5D0129	10,428			
IPA Agreement	Direct	64.000	PO 657 5D0157	7,414			
IPA Agreement	Direct	64.000	PO# 6576D0012	40,390			
IPA Agreement	Direct	64.000	PO# 657-6D0048	52,407			
IPA Agreement	Direct	64.000	PO# 657-6D0049	49,770			
<b>Subtotal for Department of Veterans Affairs -Direct</b>				<b>580,172</b>			
Vandeventer Place Research Foundation	Pass-Through	64.000	320440	10,807			
<b>Subtotal for Department of Veterans Affairs -Pass-Through</b>				<b>10,807</b>			

(Continued)

**SAINT LOUIS UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>64 Department of Veterans Affairs (Continued):</b>							
<b>Total for Department of Veterans Affairs</b>						<u>590,979</u>	
<b>66 Environmental Protection Agency</b>							
Midwest Clean Air Stewardship: Building upon the St. Louis Ozone Gardens	Direct	66.951	320719	21,838			
<b>Subtotal for Environmental Protection Agency -Direct</b>						<u>21,838</u>	
Health Effects Institute	Pass-Through	66.001	4971-RFA09-2/10-5	2,731			
<b>Subtotal for Environmental Protection Agency -Pass-Through</b>						<u>2,731</u>	
<b>Total for Environmental Protection Agency</b>						<u>24,569</u>	
<b>81 United States Department of Energy</b>							
Washington University	Pass-Through	81.089	SUB AWARD NO: WU-16-107	1,227			
<b>Subtotal for United States Department of Energy -Pass-Through</b>						<u>1,227</u>	
<b>Total for United States Department of Energy</b>						<u>1,227</u>	
<b>84 Department Of Education</b>							
Making Success "Algebra for All": Fleet of National Experiments in Urban Curricular	Direct	84.305	R305A130703	14,522			
<b>Subtotal for Department Of Education -Direct</b>						<u>14,522</u>	
University of Chicago	Pass-Through	84.305	5834-SLU	23,266			
Lafayette Parish School System	Pass-Through	84.334	ERS# 19313	36,551			
<b>Subtotal for Department Of Education -Pass-Through</b>						<u>59,817</u>	
<b>Total for Department Of Education</b>						<u>74,339</u>	

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
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Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
<b>93 Department Of Health And Human Services</b>							
14-0107 Task Area C Option 1 Protocol Implementation	Direct	93.000	14-0107.B1C1D1.0023	92,145			
14-0112 Task Area B - Base Protocol Implementation	Direct	93.000	14-0112.B1C1D1.0029	15,107			
15-0064 Task Area C - Base Protocol Implementation	Direct	93.000	15-0064.C1.0039	58,962			
Zika 16-0017 B Base	Direct	93.000	16-0017.B1C1D1.0043	4,337			
16-00333 Zika in PR, Task Area B Base	Direct	93.000	16-0033.B1C1.0046	23,433			
FY.2015.D1B1C1.0032 01-351 Substudy	Direct	93.000	2015.D1B1C1.0032	17,510			
Omics A-Base FY.2015.A3D12.0031	Direct	93.000	FY.2015.A3D12.0031	43,970			
Omics D-5a FY.2015.A3D12.0031	Direct	93.000	FY.2015.A3D12.0031	20,475			
Omics D-3a FY.2015.A3D12.0031	Direct	93.000	FY.2015.A3D12.0031	26,937			
Omics D-4a FY.2015.A3D12.0031	Direct	93.000	FY.2015.A3D12.0031	17,732			
FY.2015.D1B1C1.0032 01-643 Substudy	Direct	93.000	FY.2015.D1.B1.C1.0032	23,728			
FY.2015.D1B1C1.0032 08-0066 Substudy	Direct	93.000	FY.2015.D1B1C1.0032	70,587			
FY.2015.D1B1C1.0032 04-0101 Substudy	Direct	93.000	FY.2015.D1BC1.0032	61,789			
Task Area A - Base - FY.2016.A1B1C1D1.0026	Direct	93.000	FY.2016.A1B1C1D1.0026	191,514			
Omics D-2a FY.2015.A3D12.0031	Direct	93.000	FY2015.A3D12.0031	27,487			
VTEU 14.0062.B1C1D1.0020 Contract HHSN272201300021I	Direct	93.000	HHSN27200003-14-0062.B1C1D1	29,260			
VTEU 14-0107 B Contract HHSN272204	Direct	93.000	HHSN2720000414-0107B1C1D1.0023	52,774			
VTEU - Core-1A, Contract HHSN272201300021I, Task Order HHSN27200001	Direct	93.000	HHSN27201300021I	39,938			
7C-13-0033-Vaccine and Treatment Evaluation Unit	Direct	93.000	HHSN272200080003C	2,921			
9A-12-0096- Vaccine and Treatment	Direct	93.000	HHSN272200080003C	45,412			
10A-08-0030 - Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	13,713			
10E-12-0106 Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Thand AIDS	Direct	93.000	HHSN272200800003C	75,283			
11E-11-0033L Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	20,277			

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
6A-08-0066 - Vaccine and Treatment Evaluation Units (VTEU's): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	7,932			
6E-11-0033 Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	305,219			
6F-12-0016 Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	2,317			
6G-11-0021 Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	2,689			
7B-11-0034 Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	606			
7D-13-0034 Vaccine and Treatment	Direct	93.000	HHSN272200800003C	58,663			
8A-09-0065 - Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	355,590			
10D-11-0033 Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	113,710			
Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other Than AIDS	Direct	93.000	HHSN272200800003C	7,310			
Animal Models of Infectious Disease Task Order A11	Direct	93.000	HHSN272201000021I	199,778			
Hamster Model for Human Adenovirus - Task Order A84	Direct	93.000	HHSN272201000021I	530,372			
VTEU Core-1 A, Contract HHSN272201300021I, Task Order HHSN27200001	Direct	93.000	HHSN272201300021I	-186			
Description of Supplies/Services: Disaster Health Information Outreach and Collaboration Project 2015: "The Value of Improved and Sustained Information access by Library Expertise (VISIBLE) in Missouri".	Direct	93.000	HHSN276201500660P	17,316			
Hemophilia Treatment Center at the John Bouhasin Center for Children with Bleeding Disorders	Direct	93.110	0010176 M	-545			
Mechanistic Insights of BME Mediated Inhibition of Head and Neck Cancer Growth	Direct	93.121	1R01DE025141-01	220,638			
Understanding African Americans' Receptivity to Genetic Medicine and Research	Direct	93.172	5R03HG006154-02	-1,160			

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
Prescription Opioid Analgesics and Risk and Major Depression	Direct	93.242	1R21MH101389-01A1	120,708	25,208		
Development of RORalpha and RORgamma Ligands for Treatment of Behavioral Disorders	Direct	93.242	2R01MH092769-06A1	167,145			
Development of ROR Ligands for Treatment of Circadian Rhythm Disorders	Direct	93.242	7R01MH092769-05	72,835			
REV-ERB Ligands for Treatment of Anxiety Disorders	Direct	93.242	7R01MH093429-03	738,364	3,883		
Behavioral Health Workforce Education and Training for Professionals and Paraprofessionals	Direct	93.243	G02HP27959	116,918			
Behavioral Health Workforce Education and Training for Professionals and Paraprofessionals	Direct	93.243	G02HP27959	55,759			
Treatment of Alcohol Induced Hepatic Injury with REV-ERB Ligands	Direct	93.273	7R21AA021298-03	8,448			
Using Ecological Momentary Assessment to Define Alcohol's Impact on HIV Outcomes	Direct	93.273	R21AA022064	157,447	93,206		
Exercise: Addressing Stress in Relapse Prevention- Substance Use Disorders	Direct	93.279	1R01DA033411-01A1	172,643			
Preserving Opioid Analgesia Using a Novel Adenosinergic Approach	Direct	93.279	1R21DA040305-01	121,415			
Exercise: Addressing Stress in Relapse Prevention-Substance Use Disorders	Direct	93.279	4R01DA033411-03	115,287	7,947		
Geographic Disparities in Colorectal Cancer Survival	Direct	93.393	1430653611A1	85,162	19,720		
Implementation Climate in Public Health Settings for Obesity and Cancer Control	Direct	93.393	1R03CA172735-01	33,095	1,939		
Human HDAC3: Mechanism of Activation and Proteasomal Degradation	Direct	93.393	1R21CA178513-01A1	136,079			
Racial Disparity of MicroRNA in Hepatitis C Virus Mediated Hepatocellularcarinoma	Direct	93.393	1R21CA188472-01A1	126,547			
Breast Cancer Prevention Using Bitter Melon as a Natural Product	Direct	93.393	1R21CA198382-01	79,548			
Apoptosis Regulation by Adenovirus and Cellular Genes	Direct	93.393	2R01CA033616	242,116			
A3AR Agonists to Prevent Chemotherapy-Induced Painful Peripheral Neuropathy	Direct	93.395	1R01CA169519-01A1	278,228	2,354		
Contract with the Gynecological Oncology Group through the University of Iowa	Direct	93.395	305823	5,957			
A3AR Agonists to Prevent Chemotherapy-Induced Painful Peripheral Neuropathy	Direct	93.395	4R01CA169519-04	23,134			

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
The Role of Tristetraprolin in Control of Breast Cancer Progression	Direct	93.396	1R01CA163808-01	314,308			
Gamma/Delta Treg Cells and Human Breast Cancer	Direct	93.396	1R01CA184379-01A1	337,761			
Defining the Role of T-bet and Eomes in T Cell Tolerance Versus Immunity	Direct	93.398	5F30CA180375-03	48,120			
Control of Sterol and Lipoprotein Homeostasis by miRNA	Direct	93.837	1R01HL10779401	290,477			
PTSD Treatment: Effects on Health Behavior, Cardiovascular and Metabolic Disease	Direct	93.837	1R01HL125424-01A1	23,116			
Structural Determination of Prothrombin Activation (A1 Submission)	Direct	93.837	2R01HL049413-20A1	136,521			
Control of Sterol and Lipoprotein Homeostasis by miRNA	Direct	93.837	2R01HL107794-06	69,775			
Plasmalogen-derived Bioactive Lipids in Atherosclerosis	Direct	93.837	5R01HL074214-08	1,194			
Serpin Regulation of Coagulation Proteases	Direct	93.839	2R01HL062565	303,301			
Studies on Anticoagulant Properties of Thrombin	Direct	93.839	2R01HL073813-11	255,229			
Protease Activated Signaling by Coagulation Proteases	Direct	93.839	2R01HL101917-05A1	315,128	23,899		
Studies on Thrombin Allostery	Direct	93.839	5R01HL049413	22,807			
Aberrant Hematopoiesis: E proteins and AML1-ETO in Leukemogenesis	Direct	93.839	7R01HL093195-06	187,355			
A Negative Feedback Loop Between Osteoclasts and CD8 T-cells	Direct	93.846	1R01AR0642821-01A1	308,270		29,633	
High Throughput Screening to Identify Small Molecule Rank Agonists	Direct	93.846	1R01AR068438-01	237,464			
Therapeutic Application of Small Molecule MIF Inhibitors in Rheumatoid Arthritis	Direct	93.846	5K01AR060300-02	62,529			
Investigating Synthetic Ligands for the Treatment of NASH	Direct	93.847	1F32DK105845-01	54,002			
Mitochondrial Carbonic Anhydrases and Diabetic Blood-Brain Barrier Disruption	Direct	93.847	1R01DK08348501	4,490			
Regulatory Role of Transferrin in Erythropoiesis and Iron Metabolism	Direct	93.847	1R01DK095112-01A1	438,474		290,543	
Regulation of Nephron Progenitor Cell Self-Renewal and Differentiation	Direct	93.847	1R01DK098563-01A1	530,620			
Stable Isotopic and Metabolic Studies in a Model of Lactic Acidosis Tolerance	Direct	93.847	1R15DK097700-01	51,519			
Glucose Transporters and Cellular Antioxidant Potential	Direct	93.847	1R15DK102122-01A1	103,378			
Role of GPR30 in Hepatic Lipid Metabolism	Direct	93.847	1R56DK101793-01A1	35,779			

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
The Saint Louis University Component of the NASH Clinical Research Network	Direct	93.847	2U01DK061718-13, 3U01DK - 13S1	37,819	36,166		
Prospects for HBV Ribonuclease H Inhibitors as Practical Antiviral Drugs	Direct	93.847	3U01DK082871-07S1	189			
Mechanisms of Liver Disease Progression by Hepatitis C Virus	Direct	93.847	5R01DK080812	371,867			
Innate Immunity and Hepatitis C Virus Infection	Direct	93.847	5R01DK081817	330,334			
Melanocortin-3 Receptor Regulation of Physical Activity and Metabolism	Direct	93.847	7R01DK073189-09	263,671			
The Role of TDP-43 Phosphorylation in Protein Function and Neurodegeneration	Direct	93.853	1K01NS082391-01	113,510			
Peripheral Glial Response to Sensory Nerve Degeneration	Direct	93.853	1R21NS087574-01A1	188,284			
Dissecting the Contribution of Viral Genetic Variation to HSV-1 Neuropathogenesis	Direct	93.853	1R21NS098104-01	10,641			
Convergent Versus Parallel Striatal Afferents	Direct	93.853	2R01NS023805-24A1	261,984			
Convergent Versus Parallel Striatal Afferents	Direct	93.853	4R01NS023805-27	21,207			
Immune Control of West Nile Virus Quasispecies Dynamics	Direct	93.855	1K22AI04794-01A1	76,268			
Development of a Vaccine for Prevention of Haemophilus Influenzae Otitis Media	Direct	93.855	1R01AI081887	123,123			
T Cell Activation by Immune Complexes and Complement in Autoimmunity	Direct	93.855	1R01AI098114-01A1	265,570			
A Screen for Antiviral Compounds Targeting the Hepatitis B Virus Ribonuclease H	Direct	93.855	1R01AI104494-01A1	358,331			
Aspartic Protease Inhibitors as Novel Antimalarials	Direct	93.855	1R01AI106498-01	184,838			
Functions in Hopx in Immune Tolerance in a Model of Multiple Sclerosis	Direct	93.855	1R01AI113903-01	397,309			
Optimization of Alpha-hydroxytropolones as Novel Inhibitors of the HBV RNaseH	Direct	93.855	1R01AI122669-01	215,318	14,468		
Hepatitis B Virus Diversity and Ribonuclease H Inhibitor Efficacy	Direct	93.855	1R03AI109460-01A1	65,291			
A High Throughput Reverse Genetics System for Hepatitis C Virus	Direct	93.855	1R03AI111047-01A1	81,980			
Frequency and Pattern of Resistance Mutations to Novel Inhibitors of HSV-1	Direct	93.855	1R03AI115321-01A1	56,328			
Mechanisms of IL28B Genetic Variation- Mediated Clearance of Hepatitis C Virus	Direct	93.855	1R21AI099780-01A1	167,635			
Universal T Cell Targeted Influenza Vaccine	Direct	93.855	1R21AI105605-01	52,216			

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
Next Generation Sequencing based on analysis of RNA Polymerase Functions	Direct	93.855	1R21AI112919-01A1	197,979			
Assembly of HIV Intasomes	Direct	93.855	1R21AI127196-01	473			
Role of Gamma/Delta T Cells in Vaccine Induced Immunity	Direct	93.855	2R01AI048391-09	122,490	42,669		
Biochemistry of Viral Replication	Direct	93.855	4K06AI004739-51	33,778			
T cell Activation by Immune Complexes and Complement in Autoimmunity	Direct	93.855	4R01AI098114-05	85,222			
Exploiting Dual-TCR for Rescue of CD8 T Cell Tolerance in Adaptive Immunotherapy	Direct	93.855	5R01AI087764	3,755			
Structural Studies of the HBV Ribonuclease H	Direct	93.856	1R03AI123689-01	3,990			
New Mechanisms of Replication Stress Response	Direct	93.859	1R01GM108648-01	318,678			
Cohesion and Enhancers	Direct	93.859	1R01GM108714-01A1	202,889			
Cohesion Polycomb	Direct	93.859	1R01GM108872-01	230,359			
New Bioanalytical Methods Based on Next Generation Sequencing	Direct	93.859	1R01GM109974-01A1	246,115			
Chlorinated Lipids in Sepsis	Direct	93.859	1R01GM115553-01	359,886	96,332		
Identification of DNA aptazymes for small molecule-sensors	Direct	93.859	1R15GM101595-01	68,414			
New Mechanisms in Regulating Ras and Protein Kinase A Signaling	Direct	93.859	1R15GM1060330-01	79,761			
Biomimetic Platform for Metabolomic Analysis	Direct	93.859	1R15GM113153-01	83,634			
Microchip-based Cell Reactor/Analysis System	Direct	93.859	2R15GM084470-04A1	32,901			
Understanding the Thermodynamics and Structure of RNA Secondary Structure	Direct	93.859	2R15GM085699-02	59,977			
Mechanisms of Nascent Polypeptide-Mediated Translational Regulation	Direct	93.859	4R00GM094212	27,474			
Mechanisms Responsible for Genomic Instability in Premature Aging Laminopathies	Direct	93.859	7R01GM094513-03	36,463			
Functional Characterization of Membrane-Anchored Ubiquitin-Fold Protein Complexes	Direct	93.859	R15GM096279	23,964			
Newborn Screening and Biomarkers for Mucopolysaccharidoses	Direct	93.865	1R01HD065767-01A1	490,056	257,971		
Buden of Late-Preterm Births throughout the First Year of Life	Direct	93.865	5K08HD061484	21,465			
Colonoscopy in Colorectal Cancer Patients with Multiple Chronic Conditions (R56)	Direct	93.866	1R56AG049503-01A1	193,731	96,267		

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
Strategic Processes and Age-Related Changes in Prefrontal Activity Patterns	Direct	93.866	5K01AG031301-05	13,247	10,874		
Investigation of Neural Mechanisms of Late Life Cognition and Emotion Regulation	Direct	93.866	7K01AG049075-02	67,942			
Pediatric Eye Disease Investigator Group Coordinating Center	Direct	93.867	2U10EY011751	7,614			
Mechanisms of HSK amelioration	Direct	93.867	5R01EY021247	8,940			
Primary Care Training Centers: Academic Administrative Units in Primary Care Program	Direct	93.884	D54HP232860100	36,168			
Academic Administrative Units in Primary Care	Direct	93.884	D54HP232860400	113,335			
Residency Training in Primary Care Program	Direct	93.884	D58HP232290200	33,186	13,707		
Residency Training in Primary Care	Direct	93.884	D58HP23229-04	115,463	58,725		
Public Health Traineeships for Maternal Child Health	Direct	93.964	1A03HP27852-01	11,638			
<b>Subtotal for Department Of Health And Human Services -Direct</b>				<b>16,758,692</b>			
Southern Illinois University	Pass-Through	93.000	761820-001	10,824			
Southwest Oncology Group Clinical Trials Initiative LLC	Pass-Through	93.000	CALGB 80405	3,999			
Clinical Research Management Inc	Pass-Through	93.000	CEL-11-01	9,189			
Southwest Oncology Group Clinical Trials Initiative LLC	Pass-Through	93.000	CTSU/C10404	51			
Southwest Oncology Group Clinical Trials Initiative LLC	Pass-Through	93.000	CTSUCALGB50604	2,000			
Southwest Oncology Group Clinical Trials Initiative LLC	Pass-Through	93.000	E3805	2,000			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-30	849			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-31	100			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-33	250			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-34	1,400			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-35	200			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-36	1,450			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-40	900			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-42	300			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP B-43	400			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP C-08	150			
National Surgical Adjuvant Breast and Bowel Project	Pass-Through	93.000	NSABP R-04	150			
Southwest Oncology Group Clinical Trials Initiative LLC	Pass-Through	93.000	S0518	3,000			
Southwest Oncology Group Clinical Trials Initiative LLC	Pass-Through	93.000	SWOG S0709	50			

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<b>93 Department Of Health And Human Services (Continued):</b>							
Emory University	Pass-Through	93.000	T461953	205,662			
Washington University	Pass-Through	93.000	WU-17-5	3,555			
Washington University	Pass-Through	93.085	WU-15-201	13,924			
University of Kansas Medical Center	Pass-Through	93.103	QB859730	13,094			
The University of Missouri	Pass-Through	93.110	00049067-1	17,708			
University of Texas Health Science Center - Houston	Pass-Through	93.110	0010176E	23,641			
University of Texas Health Science Center - Houston	Pass-Through	93.110	0010176M - 5H30MC24051-04	19,390			
University of Texas Health Science Center - Houston	Pass-Through	93.110	320773	29			
Board of Trustees for the University of Alabama	Pass-Through	93.113	000501087-001	167,447			
Board of Trustees for the University of Alabama	Pass-Through	93.113	000507395-001	158,925			
West Virginia University	Pass-Through	93.136	04-441-SLU	12,101			
Washington University	Pass-Through	93.153	WU-15-169	4,999			
University of Texas Health Science Center - Houston	Pass-Through	93.184	0008622/8757K	1			
University of Texas Health Science Center - Houston	Pass-Through	93.184	0008622K	7,746			
University of Texas Health Science Center - Houston	Pass-Through	93.184	0008622M	9,138			
University of Texas Health Science Center - Houston	Pass-Through	93.184	320670	12,593			
The University of Missouri	Pass-Through	93.243	00050377-1	87,349			
University of Iowa	Pass-Through	93.262	PO#: 1001559504	27,475			
Washington University	Pass-Through	93.273	WU-14-149-MOD-2	85,680			
Johns Hopkins University	Pass-Through	93.286	320714	5,332			
Michigan State University	Pass-Through	93.286	RCI030565SLU	25,434			
Washington University	Pass-Through	93.350	WU-15-32 PO#2922169Y	-1,415			
Washington University	Pass-Through	93.350	WU-16-100	9,473			
Washington University	Pass-Through	93.350	WU-16-11	46,129			
Washington University	Pass-Through	93.350	WU-16-12 PO 2928044A	31,349			
Washington University	Pass-Through	93.350	WU-16-24	9,366			
Washington University	Pass-Through	93.393	WU-14-157	13,029			
University of Maryland	Pass-Through	93.393	Z035601	31,725			
University of Texas Southwestern	Pass-Through	93.394	GMO130206/RGC0000000404	10,359			
John Wayne Cancer Institute at Saint Johns Health Center	Pass-Through	93.395	308801	2,488			
Northwestern University	Pass-Through	93.395	60023304 SLU	-8,775			
Children's Hospital of Philadelphia	Pass-Through	93.395	9500080215-12C	226			

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<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
NorthShore University HealthSystem	Pass-Through	93.396	320284	521			
Nurses for Newborns Foundation	Pass-Through	93.505	HRSA-10-275	50,619			
Nurses for Newborns Foundation	Pass-Through	93.505	HRSA-13-215	55,369			
University of Iowa	Pass-Through	93.516	UB6HP27879	28,908			
University of Iowa	Pass-Through	93.516	W000762480- PO #1001533466	99,493			
Queen of Peace Center	Pass-Through	93.605	320543	23,425			
Missouri Health Connection	Pass-Through	93.718	90HT0012/01	19,155	16,818		
New York University School of Medicine	Pass-Through	93.837	10-01073	3,023			
Duke University	Pass-Through	93.837	203-8799	103,194			
Duke University	Pass-Through	93.837	203-8823	19,973			
Duke University	Pass-Through	93.837	203-9532	-268			
Duke University	Pass-Through	93.837	320551	28,959			
Duke University	Pass-Through	93.837	320557	735			
Duke University	Pass-Through	93.837	320572	22,096			
Duke University	Pass-Through	93.837	320716	47,427			
Duke University	Pass-Through	93.837	320747	3,419			
Georgetown University	Pass-Through	93.837	410627_GR410606-SLU	291,807			
Georgetown University	Pass-Through	93.837	GR411196	23,700			
Brigham & Women's Hospital	Pass-Through	93.837	PS #107223	7,097			
Emory University	Pass-Through	93.837	T397197	41,427			
Emory University	Pass-Through	93.837	T594891 AMEND #2	46,255			
Washington University	Pass-Through	93.837	WU14-313/ PO#2923436X	-2,125			
Washington University	Pass-Through	93.837	WU-15-279	1,904			
Washington University	Pass-Through	93.837	WU-15-304 PO# 2922948Y	10,086			
Washington University	Pass-Through	93.837	WU-16-1	228,775			
Washington University	Pass-Through	93.837	WU-16-279, PO# 2929011A	2,774			
Washington University	Pass-Through	93.837	WU-16-280, PO# 2929012A	6,216			
Washington University	Pass-Through	93.837	WU-16-384	38,013			
Seattle Childrens Hospital	Pass-Through	93.838	10928SUB	6,817			
Case Western Reserve University	Pass-Through	93.838	RES508387	135,142			
Regents of the University of Minnesota	Pass-Through	93.846	N000188506	7,070			
University of Cincinnati	Pass-Through	93.847	009621-002	72,714			

(Continued)



**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
Childrens Mercy Hospital	Pass-Through	93.847	13-0020	1,973			
National Institute of Diabetes & Digestive & Kidney Diseases	Pass-Through	93.847	1K08DK098623-01A1	46,729			
National Institute of Diabetes & Digestive & Kidney Diseases	Pass-Through	93.847	1R01DK106249-01	239,514			
Johns Hopkins University	Pass-Through	93.847	320447	121,936			
Research Institute at Nationwide Children's Hospital Resear	Pass-Through	93.847	320574	14,361			
Multimeric Biotherapeutics, Inc	Pass-Through	93.847	320665	7,312			
University of Cincinnati	Pass-Through	93.847	320743	522			
National Institute of Diabetes & Digestive & Kidney Diseases	Pass-Through	93.847	5U01DK061718-14	487,730	169,358		
National Institute of Diabetes & Digestive & Kidney Diseases	Pass-Through	93.847	5U01DK082871-08	487,244	133,913		
George Washington University	Pass-Through	93.847	SUBAWARD #13-D21	194,506			
Washington University	Pass-Through	93.847	WU-13-184/PO 2917222W	-338			
Washington University	Pass-Through	93.847	WU-13-184/PO#2917222W	25,837			
Washington University	Pass-Through	93.847	WU-15-130	175,407			
Washington University	Pass-Through	93.847	WU-15-65-MOD-2, PO #2922328Y	25,243			
Los Angeles Biomedical Research	Pass-Through	93.853	20954-SLU PO#14003199	17,730			
Childrens Hospital Medical Center	Pass-Through	93.853	320287	711			
Fred Hutchinson Cancer Research Center	Pass-Through	93.853	320710	38,863			
Yale University	Pass-Through	93.853	A08580	-3,400			
Pennsylvania State University	Pass-Through	93.855	#5231-SLU-DHHS-5818	21,987			
Fred Hutchinson Cancer Research Center	Pass-Through	93.855	0000818149, PRJ # 214241	7,576			
George Washington University	Pass-Through	93.855	16-S06	15,402			
Regents of the University of California San Francisco	Pass-Through	93.855	320578	2,400			
Northeastern University	Pass-Through	93.855	500426-78050	14,469			
Northeastern University	Pass-Through	93.855	500469-78050	2,228			
Kansas State University	Pass-Through	93.855	S15011.01	34,550			
Fred Hutchinson Cancer Research Center	Pass-Through	93.855	SUB #0000851954, PRJ #214241	4,264			
University of Oklahoma	Pass-Through	93.855	SUBCONTRACT #2015-10	64,344			
Washington University	Pass-Through	93.855	WU-14-261	34,490			
Washington University	Pass-Through	93.855	WU-14-358-MOD1	8,710			
Washington University	Pass-Through	93.855	WU-15-1	-6,569			
Washington University	Pass-Through	93.855	WU-16-324	39,111			
Clinical Research Management Inc	Pass-Through	93.856	HHSN272200800026C, CEL-11-01	7,721			

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>93 Department Of Health And Human Services (Continued):</b>							
Washington University	Pass-Through	93.856	WU-16-341	10,044			
DNA Polymerase Technology Inc	Pass-Through	93.859	320502	30,055			
University of Cincinnati	Pass-Through	93.859	COEUS# 008601-005	14,976			
Regents of the University of Minnesota	Pass-Through	93.859	H003737501	102,905			
Childrens Hospital Medical Center	Pass-Through	93.865	130245, PO #3100417358	95,972			
Children's Hospital of Philadelphia	Pass-Through	93.865	ACTIVITY #3017X	121,652			
University of Houston	Pass-Through	93.865	R-12-0058	18,051			
Childrens Hospital Medical Center	Pass-Through	93.865	SUBAWARD NO. 136785	1,354			
University of California	Pass-Through	93.866	1R01AG050595	27,917			
Regents of the University of Michigan	Pass-Through	93.866	320014	12,748			
University of California	Pass-Through	93.866	320679	25,760			
Seattle Institute for Biomedical & Clinical Research	Pass-Through	93.866	320742	5,446			
Southern Illinois University	Pass-Through	93.866	320744	4,799			
Southern Illinois University	Pass-Through	93.866	761815-001	48,874			
Seattle Institute for Biomedical & Clinical Research	Pass-Through	93.866	BW29-SLU-2	91,524			
University of Iowa	Pass-Through	93.866	W000729883 PO 1001496890	12,141			
Washington University	Pass-Through	93.866	WU-15-328	34,154			
Children's Hospital of Philadelphia	Pass-Through	93.867	320621	4,591			
Children's Hospital of Philadelphia	Pass-Through	93.867	3209850814/PO#960880-RSUB	614			
Children's Hospital of Philadelphia	Pass-Through	93.867	3209850815/PO#961270-RSUB	1,027			
City of St Louis	Pass-Through	93.914	HD CONTRACT #16-46	89,736			
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>				<b>5,393,062</b>			
<b>93 ARRA Funding for Department Of Health And Human Services</b>							
ARRA - Emmes Corporation	Pass-Through	93.000	3501-001-03	52			
ARRA - Emmes Corporation	Pass-Through	93.000	3501-001-04	1			
<b>Subtotal for ARRA Funding for Department Of Health And Human Services -Pass-Through</b>				<b>53</b>			
<b>Total for Department Of Health And Human Services</b>						<b>22,151,807</b>	
<b>94 Corporation For National And Community Service</b>							

(Continued)

**SAINT LOUIS UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>Research and Development Cluster (Continued):</b>							
<b>94 Corporation For National And Community Service (Continued):</b>							
St Louis Effort for AIDS	Pass-Through	94.019	320599	14,950			
<b>Subtotal for Corporation For National And Community Service -Pass-Through</b>				<b>14,950</b>			
<b>Total for Corporation For National And Community Service</b>						<b>14,950</b>	
<b>Total for Research and Development Cluster</b>							<b>26,424,831</b>
<b>Child Nutrition Cluster</b>							
<b>10 United States Department Of Agriculture</b>							
Missouri Department of Health & Senior Services	Pass-Through	10.555	320506	-2,143			
<b>Subtotal for United States Department Of Agriculture -Pass-Through</b>				<b>-2,143</b>			
<b>Total for CFDA Number 10.555</b>						<b>-2,143</b>	
<b>Total for United States Department Of Agriculture</b>						<b>-2,143</b>	
<b>Total for Child Nutrition Cluster</b>							<b>-2,143</b>
<b>Highway Planning and Construction Cluster</b>							
<b>20 United States Department Of Transportation</b>							
Structural Investigation of the Missouri Approach to the Poplar Street Bridge: Phase 2	Direct	20.205	PROJECT NO. TR201602	49,764			
<b>Subtotal for United States Department Of Transportation -Direct</b>				<b>49,764</b>			
University of Illinois	Pass-Through	20.205	2011-05776-25	92,375			
University of Illinois	Pass-Through	20.205	2011-05776-32	92,244	24,200		
<b>Subtotal for United States Department Of Transportation -Pass-Through</b>				<b>184,619</b>			
<b>Total for CFDA Number 20.205</b>						<b>234,383</b>	
<b>Total for United States Department Of Transportation</b>						<b>234,383</b>	
<b>Total for Highway Planning and Construction Cluster</b>							<b>234,383</b>

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>TRIO Cluster</b>								
<b>84 Department Of Education</b>								
Trio - Student Support Services	Direct	84.042	P042A101382	46,153				
Student Support Services Grants	Direct	84.042	P042A151598	209,448				
<b>Subtotal for Department Of Education -Direct</b>				<b>255,601</b>				
<b>Total for CFDA Number 84.042</b>						<b>255,601</b>		
TRIO - Talent Search	Direct	84.044	POA44110876	198,822				
<b>Subtotal for Department Of Education -Direct</b>				<b>198,822</b>				
<b>Total for CFDA Number 84.044</b>						<b>198,822</b>		
<b>Total for Department Of Education</b>							<b>454,423</b>	
<b>Total for TRIO Cluster</b>								<b>454,423</b>
<b>Other Programs</b>								
<b>10 United States Department Of Agriculture</b>								
Missouri Department of Agriculture	Pass-Through	10.170	320182	1,368				
<b>Subtotal for United States Department Of Agriculture -Pass-Through</b>				<b>1,368</b>				
<b>Total for CFDA Number 10.170</b>						<b>1,368</b>		
MDA Local Food Matching Grant Program (#2)	Direct	10.225	310383	5,998				
<b>Subtotal for United States Department Of Agriculture -Direct</b>				<b>5,998</b>				
<b>Total for CFDA Number 10.225</b>						<b>5,998</b>		
<b>Total for United States Department Of Agriculture</b>							<b>7,366</b>	
<b>12 United States Department of Defense</b>								
Swank Healthcare	Pass-Through	12.000	DOE2-101111	4				
<b>Subtotal for United States Department of Defense -Pass-Through</b>				<b>4</b>				

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>CFDA Number 12.000 (Continued):</b>								
<b>12 United States Department of Defense (Continued):</b>								
<b>Total for CFDA Number 12.000</b>						4		
CDM Federal Programs Corporation	Pass-Through	12.114	SUBCONTRACT # 6437-005-001- CS	6,664				
<b>Subtotal for United States Department of Defense -Pass-Through</b>						<b>6,664</b>		
<b>Total for CFDA Number 12.114</b>						<b>6,664</b>		
<b>Total for United States Department of Defense</b>							<b>6,668</b>	
<b>19 United States Department of State</b>								
Institute of International Education	Pass-Through	19.432	E-ECAGD-13-CA-029(CB)	38,041				
<b>Subtotal for United States Department of State -Pass-Through</b>						<b>38,041</b>		
<b>Total for CFDA Number 19.432</b>						<b>38,041</b>		
<b>Total for United States Department of State</b>							<b>38,041</b>	
<b>66 Environmental Protection Agency</b>								
St Louis Community College	Pass-Through	66.815	320431	11,630				
St Louis Community College	Pass-Through	66.815	320706	33,518				
<b>Subtotal for Environmental Protection Agency -Pass-Through</b>						<b>45,148</b>		
<b>Total for CFDA Number 66.815</b>						<b>45,148</b>		
Lead Inspector Risk Assessor Training MDNR 2014	Direct	66.818	320554	2,608				
<b>Subtotal for Environmental Protection Agency -Direct</b>						<b>2,608</b>		
<b>Total for CFDA Number 66.818</b>						<b>2,608</b>		
<b>Total for Environmental Protection Agency</b>							<b>47,756</b>	
<b>93 Department Of Health And Human Services</b>								

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>CFDA Number 93.069 (Continued):</b>								
<b>93 Department Of Health And Human Services (Continued):</b>								
St Louis County Department of Health	Pass-Through	93.069	320230	-1,781				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>				<b>-1,781</b>				
<b>Total for CFDA Number 93.069</b>						<b>-1,781</b>		
Area Health Education Centers Point of Service and Enhancement	Direct	93.107	U77HP23070-04-00	18,797	18,043			
Area Health Education Centers Point of Service and Enhancement	Direct	93.107	U77HP23070--05-00	84,892	64,734			
<b>Subtotal for Department Of Health And Human Services -Direct</b>				<b>103,689</b>				
<b>Total for CFDA Number 93.107</b>						<b>103,689</b>		
Washington University	Pass-Through	93.153	WU-15-170	1,090				
Washington University	Pass-Through	93.153	WU-15-338	15,325				
Washington University	Pass-Through	93.153	WU-16-277	19,533				
Washington University	Pass-Through	93.153	WU-16-79	4,000				
Washington University	Pass-Through	93.153	WU-16-81	22,231				
Washington University	Pass-Through	93.153	WU-16-81	36,385				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>				<b>98,564</b>				
<b>Total for CFDA Number 93.153</b>						<b>98,564</b>		
The University of Missouri	Pass-Through	93.243	C00050312-1	6,929				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>				<b>6,929</b>				
<b>Total for CFDA Number 93.243</b>						<b>6,929</b>		
Geriatric Academic Career Awards	Direct	93.250	5K01HP20479-05-00	13,206				
Geriatric Academic Career Awards	Direct	93.250	5K01HP20510-05-00	12,196				
<b>Subtotal for Department Of Health And Human Services -Direct</b>				<b>25,402</b>				
<b>Total for CFDA Number 93.250</b>						<b>25,402</b>		
Washington University	Pass-Through	93.350	WU-16-16 PO#2928045A	23,620				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>				<b>23,620</b>				

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>CFDA Number 93.350 (Continued):</b>								
<b>93 Department Of Health And Human Services (Continued):</b>								
<b>Total for CFDA Number 93.350</b>						<u>23,620</u>		
Advance Education Nursing Traineeships 2015	Direct	93.358	5 A10HP25153	298,322				
<b>Subtotal for Department Of Health And Human Services -Direct</b>						<u>298,322</u>		
<b>Total for CFDA Number 93.358</b>						<u>298,322</u>		
Kentucky Population Health Institute	Pass-Through	93.516	KPHI302	2,074				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>2,074</u>		
<b>Total for CFDA Number 93.516</b>						<u>2,074</u>		
Coram Alternate Site Services Inc	Pass-Through	93.526	304990	33,479				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>33,479</u>		
<b>Total for CFDA Number 93.526</b>						<u>33,479</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.752	ERS16116083/41482	10,809				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>10,809</u>		
<b>Total for CFDA Number 93.752</b>						<u>10,809</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.758	DH160077001	7,589				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>7,589</u>		
<b>Total for CFDA Number 93.758</b>						<u>7,589</u>		
HRSA - The St. Louis University Urban Underserved MD/MPH Program	Direct	93.884	1 T8SHP24467-01	29,304	9,042			
HRSA - The St. Louis University Urban Underserved MD/MPH Program	Direct	93.884	5T8SHP24467-05-00	240,698	24,303			
<b>Subtotal for Department Of Health And Human Services -Direct</b>						<u>270,002</u>		
<b>Total for CFDA Number 93.884</b>						<u>270,002</u>		
City of St Louis	Pass-Through	93.914	HD CONTRACT #15-40	177,149				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>177,149</u>		

(Continued)

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
<b>CFDA Number 93.914 (Continued):</b>								
<b>93 Department Of Health And Human Services (Continued):</b>								
<b>Total for CFDA Number 93.914</b>						<u>177,149</u>		
Washington University	Pass-Through	93.918	WU-15-338	10,648				
Washington University	Pass-Through	93.918	WU-16-277	10,849				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>21,497</u>		
<b>Total for CFDA Number 93.918</b>						<u>21,497</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.919	320573	3,024				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>3,024</u>		
<b>Total for CFDA Number 93.919</b>						<u>3,024</u>		
Geriatric Education Centers	Direct	93.969	5UB4HP19060	74,485				
Gateway Geriatric Education Center Geriatrics Work Force Enhancement Program	Direct	93.969	U1HP28716-02-00	706,654	165,375			
<b>Subtotal for Department Of Health And Human Services -Direct</b>						<u>781,139</u>		
<b>Total for CFDA Number 93.969</b>						<u>781,139</u>		
Evidence Based Decision Making Course	Direct	93.991	320584	5,994				
<b>Subtotal for Department Of Health And Human Services -Direct</b>						<u>5,994</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.991	320509	695				
Missouri Department of Health & Senior Services	Pass-Through	93.991	DH140016001	99				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>794</u>		
<b>Total for CFDA Number 93.991</b>						<u>6,788</u>		
(HRSA) Scientific Registry of Transplant Recipients - Option Period 9	Direct	93.994	HRSA - SRTR	34,904				
<b>Subtotal for Department Of Health And Human Services -Direct</b>						<u>34,904</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.994	C313163001 AMENDMENT 002	3,387				
Missouri Department of Health & Senior Services	Pass-Through	93.994	C313163001, AMENDMENT 003	238				
Minneapolis Medical Research Foundation	Pass-Through	93.994	HRSA-SRTR	86,763				
<b>Subtotal for Department Of Health And Human Services -Pass-Through</b>						<u>90,388</u>		

(Continued)



**SAINT LOUIS UNIVERSITY**

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2016

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY 2016 Expenditures	Awards passed through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
CFDA Number 93.994 (Continued):								
93 Department Of Health And Human Services (Continued):								
						<u>125,292</u>		
							<u>1,993,587</u>	
								<u>2,093,418</u>
								<u>\$ 174,465,299</u>

See accompanying Independent Auditors' report and notes to the Schedule of Expenditures of Federal Awards

**SAINT LOUIS UNIVERSITY**

Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2016

**(1) Summary of Significant Accounting Policies and Basis of Presentation**

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) summarizes the expenditures of Saint Louis University (the University) under programs funded by the federal government for the year ended June 30, 2016. The information in this schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200 *Uniform Guidance Administration Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). The Schedule has been prepared on the accrual basis of accounting. Because the Schedule presents only a selected portion of the operations of the University, it is not intended to and does not present the financial position or changes in net assets of the University.

For purposes of the Schedule, federal awards include all grants and contracts entered into directly between the University and agencies and departments of the federal government, as well as federal funds passed through to the University by other recipients.

**(2) Indirect Cost Rates**

Expenditures for federal programs are recognized using the cost accounting principles contained in the OMB Circular A-21, Cost Principles for Educational Institutions. Under those cost principles, certain types of expenditures are not allowable or are limited as to reimbursement. Expenditures include a portion of costs associated with general University activities (facilities and administrative costs or indirect costs), which are allocated to federal awards under negotiated formulas commonly referred to as facilities and administrative cost rates. Facilities and administrative costs allocated to such awards for the year ended June 30, 2016, were based on predetermined fixed rates up to 51.5% negotiated with the University's cognizant federal agency, the U.S. Department of Health and Human Services, and are included as a component of the expenditures in the Schedule.

**(3) Loan Programs**

The University participates in various loan programs. Certain of these loan programs are considered to be a component of the student financial assistance cluster. The following schedule represents loans outstanding of the University as of June 30, 2016:

	CFDA number	Outstanding balance
Federal Perkins Loan Program	84.038	\$ 13,434,807
Loans for Disadvantaged Students	93.342	297,503
Primary Care Loans	93.342	2,469,325
Nursing Student Loan Program	93.364	708,801
Nurse Faculty Loan Program – ARRA	93.264	28,460
Nurse Faculty Loan Program	93.264	219,640
Total – Student Financial Assistance Cluster Loans Outstanding		\$ 17,158,536

**SAINT LOUIS UNIVERSITY**  
Notes to Schedule of Expenditures of Federal Awards  
Year ended June 30, 2016

The following schedule represents loans advanced by the University for the year ended June 30, 2016:

	<u>CFDA number</u>		<u>Loans advanced</u>
Federal Perkins Loan Program	84.038	\$	1,426,066
Loans for Disadvantaged Students	93.342		40,000
Nursing Student Loan Program	93.364		149,706
Nurse Faculty Loan Program	93.264		<u>14,118</u>
Total – Student Financial Assistance Cluster Loans Advanced		\$	<u><u>1,629,890</u></u>

The University did not charge an administrative cost allowance to the Federal Work Study Program for 2016. However, the University did charge an administrative cost allowance of \$185,035 on its Federal Perkins Loan Program during 2016, which is included in the amounts on the Schedule.

**SAINT LOUIS UNIVERSITY**  
Schedule of Findings and Questioned Costs  
Year ended June 30, 2016

**(1) Summary of Auditors' Results:**

- (a) Type of report issued on whether the consolidated financial statements were prepared in accordance with generally accepted accounting principles: **Unmodified**
- (b) Internal control deficiencies over financial reporting disclosed by the audit of the consolidated financial statements:
  - Material weaknesses: **No**
  - Significant deficiencies: **None Reported**
- (c) Noncompliance material to the consolidated financial statements: **No**
- (d) Internal control deficiencies over major programs disclosed by the audit:
  - Material weaknesses: **No**
  - Significant deficiencies: **Yes**
- (e) Type of report issued on compliance for major programs: **Unmodified**
- (f) Audit findings that are required to be reported in accordance with 2 CFR 200.516(a): **Yes**
- (g) Major Programs:
  - Student Financial Assistance Cluster:
    - CFDA No. 84.007 – Federal Supplemental Educational Opportunity Grants
    - CFDA No. 84.033 – Federal Work-Study Program
    - CFDA No. 84.038 – Federal Perkins Loan Program
    - CFDA No. 84.063 – Federal Pell Grant Program
    - CFDA No. 84.268 – Federal Direct Loan Program
    - CFDA No. 93.264 – Nurse Faculty Loan Program
    - CFDA No. 93.264 – Nursing Faculty Loan Program – ARRA
    - CFDA No. 93.342 – Primary Care Loans/Loans for Disadvantaged Students
    - CFDA No. 93.364 – Nursing Student Loans Program
- (h) Dollar threshold used to distinguish between Type A and Type B programs: **\$876,147**
- (i) Auditee qualified as a low-risk auditee: **Yes**

**(2) Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards*:**

None

**SAINT LOUIS UNIVERSITY**  
Schedule of Findings and Questioned Costs  
Year ended June 30, 2016

**(3) Findings and Questioned Costs Relating to Federal Awards**

**Finding 2016-001 – Inaccurate Reporting of Federal Expenditures on the Schedule of Expenditures of Federal Awards (SEFA)**

**Federal Agency:** U.S. Department of Education  
U.S. Department of Health and Human Services

**Program Name:** Student Financial Assistance Cluster

**CFDA No. and Program Expenditures:** 84.038 – \$16,203,048  
84.268 – \$116,492,744  
93.264 / 93.342/93.364 - \$4,504,387

**Award Numbers:** P038A022375 (84.038)  
P268K151755 (84.268)/P268K161755 (84.268)  
E01HP12987-01-00 (93.264)/7056101H-00 (93.342)/  
7056108-06 (93.342)/7056831-08 (93.364)/  
E0AHP15402-01-00 (93.364)

**Federal Award Years:** 7/1/15–6/30/16 (84.038, 84.268, 93.264, 93.342, 93.364)  
7/1/14 – 6/30/15 (84.268)  
7/1/16 – 6/30/17 (84.268)

**Condition Found**

The University did not accurately report Federal expenditures on the Schedule of Expenditures of Federal Awards (SEFA) under the Student Financial Assistance Cluster, specifically the Federal Perkins Loan Program, Direct Loan Program, Nurse Faculty Loan Program, Primary Care Loans, Loans for Disadvantaged Students and Nursing Student Loan Program.

Federal expenditures reported on the initial draft SEFA did not agree to the University’s financial records. Specifically, we noted the following differences for the year-ended June 30, 2016, which were corrected by management on the final SEFA:

<u>Program</u>	<u>CFDA No.</u>	<u>Federal Expenditures Initially Reported on the SEFA</u>	<u>Actual Amount</u>	<u>Overstatement/ (Understatement)</u>
Federal Perkins Loan Program	84.038	\$ 19,180,170	16,203,048	2,977,122
Federal Direct Loan Program 2014-2015	84.268	373,181	231,958	141,223
Federal Direct Loan Program 2015-2016	84.268	115,300,486	110,969,197	4,331,289
Federal Direct Loan Program 2016-2017	84.268	—	5,291,589	(5,291,589)
Nurse Faculty Loan Program	93.264	381,567	338,572	42,995
Nursing Faculty Loan Program – ARRA	93.264	28,994	28,638	358
Primary Care Loans	93.342	3,171,301	2,973,442	197,859

**SAINT LOUIS UNIVERSITY**  
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<u>Program</u>	<u>CFDA No.</u>	<u>Federal Expenditures Initially Reported on the SEFA</u>	<u>Actual Amount</u>	<u>Overstatement/ (Understatement)</u>
Loans for Disadvantaged Students	93.342	\$ 344,890	342,266	2,624
Nursing Student Loan Program	93.364	950,044	839,469	110,575

**Criteria or Requirement**

According to 2 CFR 200.510(b), a recipient of federal awards is required to prepare a schedule of expenditures of Federal awards (SEFA) for the period covered by the entity's financial statements which must include the total Federal awards expended. At a minimum, the schedule must include (1) a list of individual Federal programs by Federal agency. For federal programs included in a cluster of programs, list individual Federal programs within a cluster of programs; (2) for Federal awards received as a subrecipient, the name of the pas-through entity and identifying number assigned by the pass-through entity shall be included; (3) provide total Federal awards expended for each individual Federal program and the CFDA number or other identifying number when the CFDA information is not available; (4) include total amount provided to subrecipients for each Federal Program; (5) includes notes that describe the significant accounting policies used in preparing the schedule.

In addition, 2 CFR 200.303 requires nonfederal entities to, among other things, establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. Effective internal controls should include procedures to ensure expenditures and amounts passed through to subrecipients are properly reported on the schedule of expenditures of Federal awards.

**Cause**

In discussing the condition with University management, they stated the initial errors in the Federal expenditures reported on the SEFA were due to oversight and misunderstanding of what was required to be reported.

**Possible Asserted Effect**

Failure to accurately report federal expenditures prohibits the completion of an audit in accordance with the Uniform Guidance, which may result in the suspension of federal funding. Additionally, the completeness and accuracy of the SEFA is critical in reporting the proper amount of federal expenditures during a fiscal year.

**Questioned Costs**

None

**Repeat Finding**

No

**SAINT LOUIS UNIVERSITY**  
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Year ended June 30, 2016

**Statistical Sampling**

The sample was not intended to be, and was not, a statistically valid sample.

**Recommendation**

We recommend the University review its current procedures to ensure the schedule of expenditures of Federal awards is accurately prepared and reflects the federal expenditures relating to the correct accounting/fiscal period.

**Views of University Management**

The University concurs with the recommendation and will develop procedures to accurately report federal expenditures on the SEFA in the current accounting period and ensure amounts are supported by financial activity in the general ledger. Accounting personnel have been trained and instructed in modified procedures to properly record federal expenditures.