



**SAINT LOUIS UNIVERSITY**

Uniform Guidance Single Audit Report

Year ended June 30, 2019

(With Independent Auditors' Reports Thereon)

**SAINT LOUIS UNIVERSITY**  
Uniform Guidance Single Audit Report  
Year ended June 30, 2019

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Saint Louis University's audited consolidated financial statements, as of and for the year ended June 30, 2019, are separately attached hereto.	



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

**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, 2019, 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 31, 2019.

*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 a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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

*Compliance and Other Matters*

As part of obtaining reasonable assurance about whether 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 Saint Louis University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

KPMG LLP

St. Louis, Missouri  
October 31, 2019



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 programs for the year ended June 30, 2019. Saint Louis University's major federal programs are 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 each of Saint Louis University'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 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 each 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 each of its major federal programs for the year ended June 30, 2019.

**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 a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

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

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

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

We have audited the consolidated financial statements of Saint Louis University as of and for the year ended June 30, 2019, and have issued our report thereon dated October 31, 2019, 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, 2020

**SAINT LOUIS UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CDA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Student Financial Assistance Cluster								
84 Department of Education								
Federal Supplemental Educational Opportunity Grant 2018-2019	Direct	84.007	P007A182375	\$ 1,330,597				
Total for CFDA Number 84.007								
Federal Work Study 2017-2018	Direct	84.033	P033A172375	147,166				
Federal Work Study 2018-2019	Direct	84.033	P033A182375	800,957				
Total for CFDA Number 84.033								
Federal Perkins Loan Program	Direct	84.038	P038A022375	13,574,006				
Pell Program 2017-2018	Direct	84.063	P063P181755	130,657				
Pell Program 2018-2019	Direct	84.063	P063P191755	6,239,359				
Total for CFDA Number 84.063								
Direct Loan Program 2017-2018	Direct	84.268	P268K181755	472,307				
Direct Loan Program 2018-2019	Direct	84.268	P268K191755	112,525,243				
Total for CFDA Number 84.268								
Total for Department of Education							135,220,292	
93 Department of Health and Human Services								
Nurse Faculty Loan Program	Direct	93.264	2 E01HP27037-03-00	242,552				
Loans for Disadvantaged Students	Direct	93.342	E36HP24351-01-02	321,301				
Primary Care Loans	Direct	93.342	E26HP17948-01-01	1,787,285				
Total for CFDA Number 93.342								
Nursing Student Loan Program	Direct	93.364	E4CHP27328-04-00	1,148,059				
Scholarships for Disadvantaged Students	Direct	93.925	5 T08HP30219-04-00	600,000				
Total for Department of Health and Human Services								
Total for Student Financial Assistance Cluster							4,099,197	139,319,489
Research and Development Cluster								
10 Department of Agriculture								
Investigating functions of transcription factor genes in plant seed development	Direct	10.001	58-5070-6-023	584				
Design, fabrication and field demonstration of an aerial pore sampling system	Direct	10.680	18-CA-11420004-071	8,811				
Subtotal for Department of Agriculture -Direct								
CRDF Global	Pass-Through	10.001	DA43-17-62994-1	(375)				
Board of Trustees University of Illinois	Pass-Through	10.310	2015-06396-01	10,068				
KUMC Research Institute Inc	Pass-Through	10.331	320915	10,782				
Subtotal for Department of Agriculture -Pass-Through								
Total for Department of Agriculture								
							29,871	
11 Department of Commerce								
Using reforecasts and historical observations to assess severe weather threat in the extended forecast period	Direct	11.468	NA16NWS4680008	3,762				
Subtotal for Department of Commerce -Direct								
The Texas A&M University System	Pass-Through	11.999	SUBAWARD NO. 16-43	6,229				
Subtotal for Department of Commerce -Pass-Through								
Total for Department of Commerce								
							9,991	
12 Department of Defense								
Capturing antibiotic resistant ribosomes	Direct	12.000	W81XWH-18-10-122	152,794				
Hepatitis B Virus ribonuclease H: Mechanisms of catalysis and inhibition	Direct	12.000	W81XWH-18-10-307	401,851				
Total for CFDA Number 12.000								
Connecting the DNA replication fork instability with novel chemotherapeutic strategies	Direct	12.420	W81XWH-16-1-0377	197,081				
Peripherally Restricted to REV-ERB Agonists for Treatment of Diabetes and Obesity	Direct	12.420	W81XWH-16-1-0236	190,112				
Novel Methods	Direct	12.420	W81XWH1910117	13,696				

**SAINT LOUIS UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
METRC FIXIT - Task Order #1	Direct	12.420	320191	\$ (2)				
Pre-Clinical Evaluation of Laminin-111 and Electrical Stimulation Therapies for Muscle Regeneration and Rehabilitation Following Volumetric Muscle Loss	Direct	12.420	W81XWH1810251	254,447				
Universal Influenza T Cell Targeted Mucosal Vaccines	Direct	12.420	W81XWH1810140	140,035	71,613			
Total for CFDA Number 12.420				795,369	71,613			
Subtotal for Department of Defense -Direct				1,350,014	71,613			
University of Portsmouth Higher Education Corporation	Pass-Through	12.000	321139	28,390				
Total for CFDA Number 12.000				28,390				
Johns Hopkins Bloomberg	Pass-Through	12.420	PO# 2001163201	1,212				
	Pass-Through	12.420	W81XWH-10-2-0090	227				
	Pass-Through	12.420	W81XWH-10-2-0133/VUMC37447	91				
Cedars-Sinai Medical Center	Pass-Through	12.420	AMEND 1, SUB 0001426800	27,276				
	Pass-Through	12.420	SUB #0001426800	10,562				
Total for CFDA Number 12.420				39,368				
Subtotal for Department of Defense -Pass-Through				67,758				
Total for Department of Defense					71,613		1,417,772	
15 Department of The Interior								
Operation of the Mid-America Integrated Seismic Network	Direct	15.807	G15AC00041, SPPL # 0002	244,008				
Subtotal for Department of The Interior -Direct and Total for CFDA Number 15.807				244,008				
Total for Department of The Interior								244,008
16 Department of Justice								
Immunological Profiling to Distinguish Virus (Monkeypox) Infection from (Smallpox)	Direct	16.000	DJF-16-1200-D-0001356	559,976				
Subtotal for Department of Justice -Direct and Total for CFDA Number 16.000				559,976				
Total for Department of Justice								559,976
19 National Endowment for Democracy								
Times of Change and the New Role for Different Sectors of Cuba	Direct	19.345	2018-0924	40,353				
Subtotal for National Endowment for Democracy -Direct and Total for CFDA Number 19.345				40,353				
Total for National Endowment for Democracy								40,353
20 Department of Transportation								
Board of Trustees University of Illinois	Pass-Through	20.205	SUB# 087795-16556 GRNT D5823	60,423				
	Pass-Through	20.205	SUB# 087795-16576 GRNT D5821	48,722				
Subtotal for Department of Transportation -Pass-Through and Total for CFDA Number 20.205				109,145				
Total for Department of Transportation								109,145
43 National Aeronautics and Space Administration								
Mission Success in Cubesats: Case Studies in Success and Failure	Direct	43.008	80NSSC18K0637	66,360				
Remote Sensing from Unmanned Aerial Systems (UAS) to Support Research and Education	Direct	43.008	SUBAWRD NO. 00050027-08	14,649				
Subtotal for National Aeronautics and Space Administration -Direct Total for CFDA Number 43.008				81,009				
Smithsonian Astrophysical Observatory	Pass-Through	43.000	SV3-83017	35,779				
Curators of the University of Missouri	Pass-Through	43.001	C00051845-1	29,020				
Curators of the University of Missouri	Pass-Through	43.008	SUBAWARD NO. 00050027-04	33,529				
Subtotal for National Aeronautics and Space Administration -Pass-Through				98,328				
Total for National Aeronautics and Space Administration								179,337
45 National Endowment of the Arts								
Missouri Humanities Council - Inside Out Speaker Series 2018-19	Direct	45.129	GRANT # 2152	9,600				
The Arabic Voices of the Spanish Monarchy (1492-1700)	Direct	45.160	FA-252088-17	1,179				
Subtotal for National Endowment of the Arts -Direct				10,779				



**SAINT LOUIS UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CDA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Arts Midwest	Pass-Through	45.024	0021839	\$ 16,034				
St Mary's University	Pass-Through	45.169	HK-250616-16	7,105				
Subtotal for National Endowment of the Arts -Pass-Through				23,140				
Total for National Endowment of the Arts							33,919	
47 National Science Foundation								
Collaborative Research: Investigation of Material Removal in Impact Machining by Loose Abrasives	Direct	47.041	1562533	10,139				
GOALI/Collaborative Research: Human Maintenance - A Prognostics Framework to Model Changes in Drivers' Safety Performance and Optimize Dispatching Policies	Direct	47.041	1634992	7,912				
Total for CFDA Number 47.041				18,051				
CAREER: Photoactive atomic oxygen precursors for the rapid, selective oxidation of biological thiols to sulfenic acids	Direct	47.049	CHE-1255270	60,563				
Chemical Connectomics: Nonlinear Dynamics of Electrochemical Reaction Networks	Direct	47.049	1465013	97,010				
Total for CFDA Number 47.049				157,573				
Collaborative Research: A joint mineral physics and nano-seismological study on high-pressure faulting in metastable olivine and harzburgite with implications to deep earthquakes	Direct	47.050	1661519	46,000				
Mechanisms of Mantle Wedge and Intraslab Earthquakes Beneath Southwestern Colombia from Analysis of Earthquake Source Properties	Direct	47.050	1760802	64,258				
Total for CFDA Number 47.050				110,259				
Accelerating Human Microbiome Analysis using Lighting-Fast Cloud Computing	Direct	47.070	156692	71,940				
AF: Small: Extending algorithms for topological notions of similarity	Direct	47.070	1614562	91,482				
CHS: Small: Collaborative Research: Increasing Social Connectedness in Telerobotic Platforms through Adding Gesture Capabilities	Direct	47.070	1618926	79,244				
Collaborative Research: Resilient Virtual Path Management for Scalable Data-intensive Computing at Network-Edges	Direct	47.070	1647084	64,885				
ICE-T: Rt: A Knowledge-Defined Platform for Real-Time Management of Transmission	Direct	47.070	1836906	9,797				
STEM Literacy through Infographics	Direct	47.070	IIS-1441471	5,393				
Type I: Saint Louis University I-Corps Site	Direct	47.070	1829150	5,246				
Total for CFDA Number 47.070				327,987				
CAREER: Integrative Physiology of Anoxia Tolerance in Turtles	Direct	47.074	IOS-1253939	149,049				
Collaborative Research: ABI Development: HydroClim: Empowering aquatic research in North America with data from high-resolution streamflow and water temperature GIS modeling	Direct	47.074	1564896	137,249				
Collaborative Research: Life out of Water: Possibility of Evolution in Non-Aqueous Environments	Direct	47.074	1724348	76,460				
IOS: Scaling of Unsteady Locomotor Performance and Maneuverability	Direct	47.074	1656656	66,523				
NSF Graduate Research Fellowship	Direct	47.074	FELLOW ID 2017232757	14,833				
	Direct	47.074	FELLOW ID 2017237108	35,066				
NSF IOS #7690676: Genetic change and genetic accommodation allow singing insects	Direct	47.074	1656818	219,856				
RESEARCH-PGR: Adapting perennial crops for climate change: Graft transmissible effects of rootstocks on grapevine shoots	Direct	47.074	1546869	855,499	591,847			
Total for CFDA Number 47.074				1,554,536	591,847			
CAREER: The Influence of Social Problems on Healthcare and Legal Institutions	Direct	47.075	1753308	73,190				
What You See is What You Feel: Sign Language Phonology in a Protactile World	Direct	47.075	1651100	63,336				
Total for CFDA Number 47.075				136,526				
Perceptual and Implementation Strategies for Knowledge Acquisition of Digital Tactile Graphics for Blind and Visually Impaired Students	Direct	47.076	1644538	59,527				
Bioinformatics Training with Industry Support and Engagement (BITWISE)	Direct	47.076	1564894	110,751				
Collaborative Research: A National Consortium for Synergistic Undergraduate Mathematics via Multi-Institutional Interdisciplinary Teaching Partnerships	Direct	47.076	1625222	31,291				
Collaborative research: From the learner's perspective: Unpacking the why and how of model-based learning about biological systems	Direct	47.076	DRL-1420320	11,240				
IUSE: EHR - Full-scale Experimental Learning Opportunities in Structural Engineering	Direct	47.076	1726621	287,870	52,250			
Total for CFDA Number 47.076				500,679	52,250			
Total for National Science Foundation-Direct				2,805,611	644,097			
Michigan Technological University Accounts Payable	Pass-Through	47.041	1711076Z1	40,037				
Georgia Tech	Pass-Through	47.049	RG173-G8	85,229				

**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Regents of the University of CA, San Diego	Pass-Through	47.049	SUBAWARD NO. 99634763	\$ 5,288				
University of California San Diego	Pass-Through	47.049	60585079, PO# S9000966	758				
Total for CFDA Number 47.049				91,274				
Indiana University	Pass-Through	47.074	IN4826944SLU	34,360				
North Carolina State University	Pass-Through	47.074	SUBAWARD NO. 2017-1452-01	49,504				
Total for CFDA Number 47.074				83,864				
Curators of the University of Missouri	Pass-Through	47.079	PROJECT NO. 00052854-2	4,016				
Curators of the University of Missouri	Pass-Through	47.083	C00052854-7	52,893				
	Pass-Through	47.083	SUBAWARD NO. C0005284-10	62,687				
Total for CFDA Number 47.083				115,580				
Total for National Science Foundation-Pass-Through				334,771				
Total for National Science Foundation					644,097		3,140,382	
64 Department of Veterans Affairs								
VA Innovation Network-Formalized and Integrated Clinical Supervision	Direct	64.000	657D75004; VA225-17-P-6122	1,067				
IPA Agreement - DG	Direct	64.000	6578D0092	19,003				
IPA Agreement - EC	Direct	64.000	554D85065	79,466				
IPA Agreement - JD	Direct	64.000	6579D0013	50,607				
IPA Agreement - SD	Direct	64.000	6579D0013	12,946				
IPA Agreement Between Donald Lawrence, SLU and the St. Louis VA	Direct	64.000	PO# 6579D0013	69,822				
Subtotal for Department of Veterans Affairs -Direct and Total for CFDA Number 64.000				232,911				
Total for Department of Veterans Affairs								232,911
66 Environmental Protection								
Evaluation of Bringing as Chloride Best Management Practice (BMP) in St. Louis Region	Direct	66.440	97755501	3,214				
Subtotal for Environmental Protection -Direct				3,214				
Curators of the University of Missouri	Pass-Through	66.468	SUBAWARD NO. 00063000-01	2,893				
Subtotal for Environmental Protection -Pass-Through				2,893				
Total for Environmental Protection								6,107
81 Department of Energy								
Curators of the University of Missouri	Pass-Through	81.087	SUBAWARD NO. 00054578-1	2,210				
Donald Danforth Plant Science Center	Pass-Through	81.135	22815-S	220,401				
Subtotal for Department of Energy -Pass-Through				222,611				
Total for Department of Energy								222,611
84 Department of Education								
Doubling up? Understanding The Long-Term Effects of 9th-Grade Algebra Reform on College Persistence and Graduation	Direct	84.305	R305A170602	206,944	136,761			
GEAR UP - Professional Development for Math Teachers	Direct	84.334	DEPT.CONTRACT; 198719	14,310				
Subtotal for Department of Education -Direct				221,254	136,761			
Harris-Stowe State University	Pass-Through	84.120A	321125	38,651				
Lafayette Parish School system	Pass-Through	84.334	ERS# 19313	55,350				
Subtotal for Department of Education -Pass-Through				94,001				
Total for Department of Education					136,761			315,255
93 Department Of Health And Human Services								
11-0033 Lab Assays Extension	Direct	93.000	10D-11-0033	386,199				
11-0033 Trial	Direct	93.000	HHNS272000018	911				
14-0107 Task Area C Option 1 Protocol Implementation	Direct	93.000	14-0107.B1C1D1.0023	20,835				
14-0107 Task Area C-2 Protocol Implementation	Direct	93.000	14-0107.B1C1D1.0023	(45)				
14-0112 Task Area D-7	Direct	93.000	14-0012.B1C1D1.0029	81,212				
15-0037 Task C	Direct	93.000	15-0037.B1C1.0089	13,001				
15-0037-B1C1.0089 - Renal PK Study	Direct	93.000	15-0037.B1C1.0089	85,721				
15-0064 Task Area C - Base Protocol Implementation	Direct	93.000	15-0064.C1.0039	251				
15-0066 C-1 Avian Flu ASO	Direct	93.000	15-0066.B1C1D1.0041	9,605				

**SAINT LOUIS UNIVERSITY**  
Schedule of Expenditures of Federal Awards  
Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
16-0033 Zika in PR, Task Area C-1	Direct	93.000	16-0033.B1C1.0046	\$ 34,337				
16-0033 Zika in PR, Task Area C-3	Direct	93.000	16-0033.B1C1.0046	186,761	140,964			
16-0033.D1.0086	Direct	93.000	16-0033.D1.0086	94,048				
17-0012 Task C Option 4.2 (FluGen) FY.2018.A1B1C1D1.0077	Direct	93.000	FY.2018.A1B1C1D1.0077	321,943				
17-0012 Task D (FluGen) - FY2018-A1B1C1D1.0077	Direct	93.000	FY.2018.A1B1C1D1.0077	52,558				
17-0086 Task B Option 3A-Phase 1	Direct	93.000	FY.2018.A1B1C1D1.0077	73,902				
18-0010 Task B Flu Challenge	Direct	93.000	75N93019F00131-18-0010.B1C1.01	16,636				
18-0011 - 75N93019F00083	Direct	93.000	75N93019F00083 - 18-0011	69,192				
18-0011 - Task C	Direct	93.000	75N93019F00083-18-0011.B1C1.001	11,689				
FY.2015.D1B1C1.0032 01-351 Substudy	Direct	93.000	2015.D1B1C1.0032	34,976				
FY.2015.D1B1C1.0032 01-643 Substudy	Direct	93.000	FY.2015.D1.B1.C1.0032	100,014				
FY.2015.D1B1C1.0032 08-0066 Substudy	Direct	93.000	FY.2015.D1B1C1.0032	(0)				
FY.2018.A1B1C1D1.0077 Task A	Direct	93.000	FY.2018.A1B1C1D1.0077	9,391				
FY.2019.A1B1C1D1.0103 Task A Base	Direct	93.000	FY.2019.A1B1C1D1.0103	355,171				
Oimes D-1b FY.2015.A3D12.0031	Direct	93.000	FY.2015.A3D12.0031	21,394				
Task Area B Base 16-0004.B1C1D1.0055	Direct	93.000	16-0004.B1C1D1.0055	53,948	41,073			
Task Area D-6A FY.2017.A1B1C1D1.0048	Direct	93.000	FY.2017.A1B1C1D1.0048	(4,478)				
Ti Than AIDS	Direct	93.000	FY.2017.A1B1C1D1.0048	(0)				
Task Area D-7A FY.2017.A1B1C1D1.0048	Direct	93.000	FY.2017.A1B1C1D1.0048	11,525				
V Than AIDS	Direct	93.000	FY.2017.B8C2.0080	60,405				
VTEU TO20 H7N9 Task C	Direct	93.000	FY.2017.B8C12.0080	1,026,110				
Zika 16-0017 D-4 Task Area	Direct	93.000	16-0017.B1C1D1.0043	116,078				
Total for CFDA Number 93.000				3,243,889	182,037			
Pediatric Migraine Registry: A National Registry of Children and Adolescents with Migraines	Direct	93.103	7259 PEDS MIGRAINE_STL01	864				
Health Equity and Perinatal Periods of Risk: Considering a Changing Landscape	Direct	93.110	R40MC31761	74,780	11,896			
Mechanistic Insights of BME Mediated Inhibition of Head and Neck Cancer Growth	Direct	93.121	1R01DE025141-01	282,076				
Behavioral Health Workforce Education and Training for Professionals and Paraprofessionals	Direct	93.243	G02HP27959	6,858				
Exercise: Addressing Stress in Relapse Prevention-Substance Use Disorders	Direct	93.279	4R01DA033411-03	180,865				
Pathways from Chronic Prescription Opioid Use to New Onset Mood Disorder	Direct	93.279	1R01DA043811-01A1	12,211	1,178			
Preserving opioid analgesia using a novel adenosinergic approach	Direct	93.279	1R21DA040305-01	6,285				
Role of opioid-induced S1P/S1PR1 axis activation in neuroinflammatory responses	Direct	93.279	1R01DA043543-01A1	309,647	17,338			
Total for CFDA Number 93.279				509,007	18,516			
Breast Cancer Prevention Using Bitter Melon as a Natural Product	Direct	93.393	1R21CA198382-01	(493)				
Racial Disparity of microRNA in Hepatitis C Virus Mediated Hepatocellularcarcinoma	Direct	93.393	5R21CA188472-02	101,071				
Total for CFDA Number 93.393				100,578				
A3AR agonists as a novel approach to mitigate chemotherapy induced neurotoxicity	Direct	93.395	1R01CA230512-01	379,266	139,320			
A3AR Agonists to Prevent Chemotherapy-Induced Painful Peripheral Neuropathy	Direct	93.395	4R01CA169519-04	6,277				
Replication fork repriming versus reversal	Direct	93.395	1R01CA237263-01	62,627				
Total for CFDA Number 93.395				448,170	139,320			
Gamma/Delta Treg Cells and Human Breast Cancer	Direct	93.396	1R01CA184379-01A1	341,365				
The Role of Tristetrapolin in Control of Breast Cancer Progression	Direct	93.396	4R01CA163808-05	26,086				
Treating prostate cancer by pharmacological coinhibition of the Warburg effect and lipogenesis	Direct	93.396	1R21CA205096-01A1	161,292				
Total for CFDA Number 93.396				528,743				
Allosteric equilibria of thrombin and its precursors	Direct	93.837	1R01HL147821-01	36,532				
Control of Sterol and Lipoprotein Homeostasis by miRNA	Direct	93.837	2R01HL107794-06	523,363				
Importance and Regulation of Cardiac Mitochondrial Pyruvate Transport	Direct	93.837	4R00HL136658-03	56,784				
PTSD Treatment: Effects on Health Behavior, Cardiovascular and Metabolic Disease	Direct	93.837	5R01HL125424-04	524,742	138,933			
Structural determination of prothrombin activation (A1 submission)	Direct	93.837	2R01HL049413-20A1	432,890				
Total for CFDA Number 93.837				1,574,311	138,933			
Plasmalogen-Derived Chlorinated Lipids: Mediators of Acute Lung Injury in Sepsis	Direct	93.838	1F30HL142193-01	28,263				
Molecular mechanism of protein C activation	Direct	93.839	1R01HL139554-01A1	399,021				
A negative feedback loop between Osteoclasts and CD8 T-cells	Direct	93.846	1R01AR0642821-01A1	263,899	14,956			
High Throughput Screening to Identify Small Molecule Rank Agonists	Direct	93.846	1R01AR068438-01	203,801	4,461			
Total for CFDA Number 93.846				467,700	19,417			
Glucose transporters and cellular antioxidant potential	Direct	93.847	1R15DK102122-01A1	86,681				
ApoL1 and its kidney disease associated variants: ion permease activity, molecular structure, and podocyte injury	Direct	93.847	1R01DK120651-01	65,454				

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HCV infection, cross-talk among liver cells, and liver disease progression	Direct	93.847	5R01DK081817-07	\$ 243,777				
Hepatitis C Virus Infection and Mechanism of Liver Disease Progression	Direct	93.847	1R01DK113645-01	290,325				
Inositol hexakisphosphate kinase-1 As a Novel Target in Obesity	Direct	93.847	7R01DK103746-04	450,418				
Integrative Physiology of Obesity: Role of GPR160	Direct	93.847	1R01DK118340-01	286,025				
Midwest Hepatitis B Consortium	Direct	93.847	5U01DK082871-12	365,657	68,951			
Regulation of Nephron Progenitor Cell Self-Renewal and Differentiation	Direct	93.847	1R01DK098563-01A1	82				
Role of gut microbiota in total parenteral nutrition associated injury	Direct	93.847	1R03DK121046-01	28,661				
Role of the Bile acid activated receptors FXR and TGR5 in Total Parenteral Nutrition associated hepatic and gut disease	Direct	93.847	1K08DK098623-01A1	169,898				
The Role of EBI3 in Regulating Gastritis and Gastric Carcinogenesis	Direct	93.847	1R01DK110406-01	445,491	151,825			
The Role of Epstein-Barr Virus-Induced Gene 3 (EBI3) in Preventing Gastric Atrophy and Metaplasia	Direct	93.847	1F30DK118873-01A1	20,273				
The Saint Louis University Component of the NASH Clinical Research Network	Direct	93.847	5U01DK061718-17	525,836	179,872			
Total for CFDA Number 93.847				2,978,578	400,649			
Convergent Versus Parallel Striatal Afferents	Direct	93.853	4R01NS023805-27	202,568				
Dissecting the Contribution of Viral Genetic Variation to HSV-1 Neuropathogenesis	Direct	93.853	1R21NS096104-01	97,138	48,461			
Role of adropin in maintaining cognitive function	Direct	93.853	1R21NS108138-01	159,292				
Structural studies of PARK14	Direct	93.853	1R21NS094854-01A1	63,148				
Total for CFDA Number 93.853				522,146	48,461			
Antenatal Inflammation and Infant Immunity	Direct	93.855	1R21AI138096-01	146,237				
Assembly of HIV Intasomes	Direct	93.855	1R21AI127196-01	96,987				
Defining approaches for improving HIV and HPD compounds as BHV RNaseH	Direct	93.855	1R21AI124672-01A1	180,361				
Frequency and pattern of resistance mutations to novel inhibitors of HSV-1	Direct	93.855	1R03AI115321-01A1	(100)				
Functions in Hoxp in Immune Tolerance in a Model of Multiple Sclerosis	Direct	93.855	1R01AI113903-01	270,913				
New R03 application (NIH/NIAID): Enhanced Virome Sequencing in Human Blood	Direct	93.855	1R03AI139835-01	53,381				
Nucleotidyl transferase antagonists as inhibitors of HSV replication	Direct	93.855	1R21AI135311-01	178,179				
Optimization of alpha-hydroxytropilones as novel inhibitors of the HBV RNaseH	Direct	93.855	1R01AI122669-01	326,888	92,142			
Protective and pathologic effects of Th17 cells specific for an intracellular pathogen	Direct	93.855	1R21AI128270-01	145,209				
R21 Resubmission: Viral Categorization and Discovery in Acute Liver Failure and Unknown Etiology	Direct	93.855	1R21AI117128-01A1	160,785				
Role of gamma/delta T cells in vaccine induced immunity	Direct	93.855	2R01AI048391-09	848,072	600,511			
Total for CFDA Number 93.855				2,407,522	692,653			
Structural studies of the HBV ribonuclease H	Direct	93.856	1R03AI123689-01	23,300				
A Systems Biology Approach to Investigate the Structure Changes of Biological Network	Direct	93.859	1R15GM129696-01A1	6,695				
Biomimetic Platform for Metabolic Analysis	Direct	93.859	1R15GM113153-01	40,681				
Chlorinated Lipids in Sepsis	Direct	93.859	1R01GM115553-01	522,160	128,671			
Cohesion and Enhancers	Direct	93.859	1R01GM108714-01A1	383,888				
Cohesion Polycomb	Direct	93.859	1R01GM108972-01	49,018				
Immunomodulatory therapy for complex musculoskeletal trauma	Direct	93.859	1R1GM129731-01	76,169				
Microchip-based Cell Reactor	Direct	93.859	2R15GM084470-5A1	9,219				
Microchip-based Cell Reactor/Analysis System	Direct	93.859	2R15GM084470-04A1	64,766				
Neutrophil-dependent mediators of sepsis	Direct	93.859	1R01GM129508-01	148,194				
New bioanalytical methods based on next generation sequencing	Direct	93.859	1R01GM109974-01A1	154,391				
New Mechanisms of Replication Stress Response	Direct	93.859	1R01GM108648-01	161,648				
Novel Function and Regulation of G Alpha Protein	Direct	93.859	1R15GM128047-01	78,390				
Pharmacological Sciences Training Grant	Direct	93.859	5T32GM008306-29	168,054				
Regulation and function of bacterial 100S ribosome	Direct	93.859	1R01GM1121359-01A1	319,629				
Selective regulation of the calcium component of the ATP-gated P2X7 current	Direct	93.859	1R01GM112188-01A1	294,075				
Understanding the thermodynamics and structure of RNA secondary structure motifs	Direct	93.859	2R15GM085699-03	149,194				
Total for CFDA Number 93.859				2,626,171	128,671			
ITEST: Innovative Tools to Expand Youth-Friendly HIV Self-Testing	Direct	93.865	5UG3HD096929-02	787,550				
A Big Data Research Study on the Relationship Between Metformin Use and Dementia	Direct	93.866	R21AG055604	228,722	123,274			
Investigation of neural mechanisms of late life cognition and emotion regulation	Direct	93.866	7K01AG049075-02	120,505				
Mapping Programulin's Bioactivity: Implications for Disease and Potential Therapies	Direct	93.866	4R00AG047339-03	280,914				
Replication stress in laminopathies: causes and consequences	Direct	93.866	1R01AG058714-01A1	295,301				
Total for CFDA Number 93.866				925,442	123,274			
Regulation of retinal rod transducin	Direct	93.867	1R01EY028914-01	203,328				
Subtotal for Department of Health and Human Services-Direct				18,138,296	2,243,585			
Atox Bio, Ltd.	Pass-Through	93.000	321114	2,816				
Bavarian Nordic A/S	Pass-Through	93.000	POX-MVA-031	36,119				

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Board of Trustees of Southern Illinois University	Pass-Through	93.000	716820-005	\$ 13,390				
	Pass-Through	93.000	761820-003	5,217				
	Pass-Through	93.000	761820-004 OPTION 1	9,787				
Eastern Virginia Medical School	Pass-Through	93.000	S270151-23	6,168				
Infectious Disease Research Institute	Pass-Through	93.000	Q20SUB005-SLU2018	461,867				
Johns Hopkins Bloomberg	Pass-Through	93.000	320606	379				
Utah State University	Pass-Through	93.000	201267-608	408,886				
Total for CFDA Number 93.000				944,629				
University of Texas Health Science Center - Houston	Pass-Through	93.080	AMEND #2 SUBAWARD 0011472K	4,653				
	Pass-Through	93.080	AMEND #3 SUB #0011472K	17,326				
	Pass-Through	93.080	SUB 0011472M AMEND 2	17,515				
Total for CFDA Number 93.080				39,494				
University of Texas Health Science Center - Houston	Pass-Through	93.110	AMEND #1, SUB# 0012728E	26,743				
	Pass-Through	93.110	SUB #0012728M	(2,682)				
Total for CFDA Number 93.110				24,061				
Board of Trustees for the University of Alabama	Pass-Through	93.113	000501087-002	(0)				
	Pass-Through	93.113	000507395-001	113,628				
	Pass-Through	93.113	000510923-001	105,577				
	Pass-Through	93.113	000514504-01	2,638				
	Pass-Through	93.113	000514504-001	28,072				
Total for CFDA Number 93.113				249,915				
West Virginia University	Pass-Through	93.136	04-441-SLU	4,507				
The University of Wisconsin-Madison Research and Spon Prog	Pass-Through	93.173	SUBAWARD NO. 809K130	34,972				
University of Utah	Pass-Through	93.173	10041913025	1,230				
Total for CFDA Number 93.173				36,202				
St Louis College of Pharmacy	Pass-Through	93.242	SUBAWARD #804-2-01	72,666				
Curators of the University of Missouri	Pass-Through	93.243	00050377-1	18,871				
University of Iowa	Pass-Through	93.262	W001064249/PO1001974980	5,321				
Morehouse School of Medicine	Pass-Through	93.307	TCCPP20	5,702				
Washington University	Pass-Through	93.350	CTRP2019-11, PO#2934920G	18,449				
	Pass-Through	93.350	SUB AWARD NO: WU-18-47	(466)				
	Pass-Through	93.350	SUB# WU-18-336, PO# 2935268E	33,835				
	Pass-Through	93.350	SUB# WU-19-387, PO# 2935013G	6,066				
	Pass-Through	93.350	WU-18-328	24,505	6,069			
	Pass-Through	93.350	WU-18-333; PO2935262E	38,549				
	Pass-Through	93.350	WU-18-334, PO#2935266E	48,543				
	Pass-Through	93.350	WU-18-335; PO2935267E	22,652				
	Pass-Through	93.350	WU-18-369, PO# 2935375E	33,878				
	Pass-Through	93.350	WU-18-370	44,705				
	Pass-Through	93.350	WU-18-371, PO#2935481E	26,709				
	Pass-Through	93.350	WU-19-315, PO2934992G	5,747				
	Pass-Through	93.350	WU-19-331	5,509				
	Pass-Through	93.350	WU-19-388	13,226				
Total for CFDA Number 93.350				321,907	6,069			
University of Massachusetts	Pass-Through	93.393	OSP2018129	29,264				
Washington University	Pass-Through	93.393	WU-18-412; PO#2935437E	10,924				
Total for CFDA Number 93.393				40,188				
Childrens Hospital of Philadelphia	Pass-Through	93.395	9500080215-12C	41,428				
John Wayne Cancer Institute at Saint Johns Health Center	Pass-Through	93.395	308801	2,049				
Washington University	Pass-Through	93.395	AWARD# WE-19-120, PO#2934538G	13,895				
Total for CFDA Number 93.395				57,373				
Curators of the University of Missouri	Pass-Through	93.788	SUBAWARD# 00063353-1	71,699				
	Pass-Through	93.788	SUBAWARD# 00066028-4	16,643				
Total for CFDA Number 93.788				88,342				

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Brigham & Women's Hospital	Pass-Through	93.837	FUND 114117	\$ 7,804				
	Pass-Through	93.837	PS #107223	2,505				
Cornell University	Pass-Through	93.837	SUBAWARD #190602	20,832				
Duke University	Pass-Through	93.837	177494	576				
	Pass-Through	93.837	200464	253				
	Pass-Through	93.837	A03-9006	130,570				
	Pass-Through	93.837	A03-9033	20,170				
	Pass-Through	93.837	EPM 6718	10,944				
	Pass-Through	93.837	SUB #203-7680	28,004				
	Pass-Through	93.837	SUB #203-7682	88,102				
Emory University	Pass-Through	93.837	SUBAWARD T948697	1,577				
Georgetown University	Pass-Through	93.837	410627, GR410606, MOD 2	(10,845)				
	Pass-Through	93.837	GR411196, GR411104, MOD 1	(195)				
New York University School of Medicine	Pass-Through	93.837	AMD#7,10-01703,PO# M160048763	2,268				
Washington University	Pass-Through	93.837	WU-18-379, PO# 2935338E	3,966				
	Pass-Through	93.837	WU-18-380 PO#2935339E	9,194				
Total for CFDA Number 93.837				315,925				
Case Western Reserve University	Pass-Through	93.838	RESS12113	7,425				
	Pass-Through	93.838	RESS13836	38,844				
Seattle Childrens Hospital	Pass-Through	93.838	10928SUB, MOD #2	103,082				
Total for CFDA Number 93.838				149,351				
Medical University of South Carolina	Pass-Through	93.839	MUSC17-051-8C868	20,520				
Rutgers The State University	Pass-Through	93.839	SUB0972 PO1143033 PROJ825827	4,724				
	Pass-Through	93.839	SUB# 0463, PO#898082	66,398				
Washington University	Pass-Through	93.839	WU-18-5	198,502				
Total for CFDA Number 93.839				290,143				
Kwame Nkrumah Univ of Science & Technology	Pass-Through	93.840	819CH0505	(4,200)				
	Pass-Through	93.840	819CHS0508	18,969				
	Pass-Through	93.840	819CHS05010	29,824				
Total for CFDA Number 93.840				44,593				
Board of Trustees University of Illinois	Pass-Through	93.846	16285	11,774				
Regents of the University of Minnesota	Pass-Through	93.846	N000188506	(2,861)				
St Louis College of Pharmacy	Pass-Through	93.846	SUBAWARD #805-2-01, AMD #1	81,305				
Total for CFDA Number 93.846				90,218				
George Washington University	Pass-Through	93.847	SUBAWARD # 17-D10	21,317				
	Pass-Through	93.847	SUBAWARD #16-D10	183,859				
Johns Hopkins University	Pass-Through	93.847	AMD1 SUBAWARD 2003726644	27,317				
	Pass-Through	93.847	AMEND#2, SUB#2003862778	2,092				
	Pass-Through	93.847	PO# 2003402850	(1)				
	Pass-Through	93.847	SUB# 2003726644	4,755				
	Pass-Through	93.847	SUB# 2004407481	18,296				
Medomics LLC	Pass-Through	93.847	ERS# 41819	5,161				
Regents of the University of California San Francisco	Pass-Through	93.847	SUBAWARD NO. 11305SC	3,382				
Research Institute at Nationwide Childrens Hospital	Pass-Through	93.847	AMENDMENT 4 SUB 700043-0518-00	5,100				
Washington University	Pass-Through	93.847	321181	1,882				
	Pass-Through	93.847	AM3 WU-15-65-MOD-2,PO#2922328Y	(0)				
	Pass-Through	93.847	WU-15-130-MOD 3, PO #2922554Y	221,944				
Total for CFDA Number 93.847				495,105				
Fred Hutchinson Cancer Research Center	Pass-Through	93.853	0000920391	19,171				
	Pass-Through	93.853	0000959983	34,642				
Los Angeles Biomedical Research	Pass-Through	93.853	AMENDS, 20954-SLU PO#18001601	2,386				
Michigan State University	Pass-Through	93.853	SUBAWARD NO. RC10845	93,002				
University of Florida	Pass-Through	93.853	SUB # UFDSP00011959	42,635				
	Pass-Through	93.853	UFDSP00012212	99,746				
Washington University	Pass-Through	93.853	WU-19-127	19,671				
Total for CFDA Number 93.853				311,253				

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Casterbridge Pharmaceuticals Inc	Pass-Through	93.855	ERS #21367	\$ 62,377				
Fred Hutchinson Cancer Research Center	Pass-Through	93.855	ERS #41364	25,268				
George Washington University	Pass-Through	93.855	SUB #0000924819	1,519				
Johns Hopkins University	Pass-Through	93.855	16-S06	28,518				
Medionics LLC	Pass-Through	93.855	PTCL 01	32,973				
Northeastern University	Pass-Through	93.855	ERS# 40709	7,718				
	Pass-Through	93.855	ERS# 40960	14,106				
	Pass-Through	93.855	500535-78050	(832)				
	Pass-Through	93.855	500599	67,050				
Pennsylvania State University	Pass-Through	93.855	#5231-SLU-DHHS-5818	23,023				
University of Oklahoma	Pass-Through	93.855	AMD #1, SUB #2018-27	218,828				
University of Oklahoma Post Award Financial Services	Pass-Through	93.855	AMD3.SUB2015-10,PO4000430479	148,664				
University of Southern California	Pass-Through	93.855	115541778	32,155				
University of Vermont and State Agricultural College	Pass-Through	93.855	33041SUB52631	18,007				
Washington University	Pass-Through	93.855	33442SUB52789	45,278				
	Pass-Through	93.855	WU-14-358-MOD1	8,562				
	Pass-Through	93.855	WU-16-324-MOD-3	90,221				
Total for CFDA Number 93.855								823,433
Regents of the University of Minnesota	Pass-Through	93.859	H005083801	106,049				
Washington University	Pass-Through	93.859	WU-19-139	38,215				
Total for CFDA Number 93.859								144,264
Childrens Hospital Medical Center	Pass-Through	93.865	130245 AMEND #3 PO#3100474690	(64)				
	Pass-Through	93.865	SUBAWARD NO. 136785	15,401				
Duke University	Pass-Through	93.865	SUBJ 6941 ANA01, SITE#CGC99	758				
Rectors and Visitors of the University of Virginia	Pass-Through	93.865	GB10318 POW#2113030	84,638				
Washington University	Pass-Through	93.865	WU-19-335; PO	1,356				
	Pass-Through	93.865	WU-19-339; PO	17,624				
Total for CFDA Number 93.865								119,713
Board of Trustees of Southern Illinois University	Pass-Through	93.866	SUBAWARD #761815-004	35,127				
	Pass-Through	93.866	SUBAWARD#	409				
Moai Technologies L.L.C.	Pass-Through	93.866	2R44AG049548-02A1	48,125				
Pennsylvania State University	Pass-Through	93.866	5643-SLU-DHHS-4425	18,342				
Seattle Institute for Biomedical & Clinical Research	Pass-Through	93.866	SUB# BW29-SLU-6	67,100				
University of California	Pass-Through	93.866	64946772	17,584				
	Pass-Through	93.866	68213713, AMEND 4, PO 9001267	28,539				
Total for CFDA Number 93.866								215,226
Board of Trustees University of Illinois	Pass-Through	93.867	SUBAWARD #17318-00	10,601				
Childrens Hospital of Philadelphia	Pass-Through	93.867	AMEND #5, SUB 3209850817	2,750				
JAEB Center for Health Research Inc	Pass-Through	93.867	321151	659				
	Pass-Through	93.867	JAEB-PEDIG 1XT1	275				
University of Pittsburgh	Pass-Through	93.867	SUB # 0054645 (129454-1), AMD2	115,963				
Total for CFDA Number 93.867								130,247
Washington University	Pass-Through	93.918	WU-19-406	1,442				
Northwestern University	Pass-Through	93.994	SUB 60048464 SLU	3,368				
	Pass-Through	93.994	SUB 60052420 STL	22,304				
Total for CFDA Number 93.994								25,672
Subtotal for Department of Health and Human Services-Pass-Through				5,065,762	6,069			
Total for Department of Health and Human Services					2,249,654		23,204,058	
Total Research and Development Cluster					3,102,125			29,745,696
TRIO Cluster								
Student Support Services Grants	Direct	84.042	P042A151598	288,024				
TRIO-Talent Search	Direct	84.044	P044A160669	233,287				
Ronald E. McNair Postbaccalaureate Achievement Program	Direct	84.217	P127A170146	236,305				
Total for TRIO Cluster				757,616				757,616

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Other Programs								
14 Department of Housing and Urban Development								
St. Louis Housing Authority	Pass-Through	14.897	320787	\$ 5,386				
Subtotal for Department of Housing and Urban Development -Pass-Through				5,386				
Total for CFDA Number 14.897						5,386		
Total for Department of Housing and Urban Development							5,386	
66 Environmental Protection Agency								
St. Louis Community College	Pass-Through	66.815	320968	39,886				
	Pass-Through	66.815	320706	14,329				
Subtotal for Environmental Protection Agency -Pass-Through				54,215				
Total for CFDA Number 66.815						54,215		
Total for Environmental Protection Agency							54,215	
93 Department Of Health And Human Services								
Nursing Workforce Diversity								
	Direct	93.178	D19HP30852	216,332				
Subtotal for Department of Health And Human Services -Direct				216,332				
Health Resources and Services Administration								
	Pass-Through	93.178	D19HP30852	45,439	37,811			
Subtotal for Department of Health And Human Services -Pass-Through				45,439	37,811			
Total for CFDA Number 93.178						261,771		
ARRA - Nurse Faculty Loan Program								
	Direct	93.408	E0AHP15402-01-00	19,033				
Subtotal for Department of Health And Human Services -Direct				19,033				
Total for CFDA Number 93.408						19,033		
Primary Care Training and Enhancement Program								
	Direct	93.884	T0BHP30018	539,926	242,752			
Subtotal for Department of Health And Human Services -Direct				539,926	242,752			
Total for CFDA Number 93.884						539,926		
Gateway Geriatric Education Center Geriatrics Work Force Enhancement Program								
	Direct	93.969	4 U1HP28716-03-02	875,128	283,188			
Subtotal for Department of Health And Human Services -Direct				875,128	283,188			
Total for CFDA Number 93.969						875,128		
City of St. Louis - Case Mgmt Ryan White								
City of St. Louis	Pass-Through	93.914	HD CONTRACT #19-33	94,488				
City of St. Louis	Pass-Through	93.914	321146	53,647				
City of St. Louis	Pass-Through	93.914	HD CONTRACT 18-44	179,428				
City of St. Louis	Pass-Through	93.914	HD CONTRACT #18-39	185,703				
City of St. Louis	Pass-Through	93.914	HD#17-67	(156)				
Subtotal for Department of Health And Human Services -Pass-Through				513,110				
Total for CFDA Number 93.914						513,110		
Hennepin Healthcare Research Institute								
Minneapolis Medical Research Foundation	Pass-Through	93.000	AMD2 SUB HSH25020150009C	4,291				
	Pass-Through	93.000	AMD1 SUB HSH25020150009C	1,472				
	Pass-Through	93.000	HRSA-SRTR OPTION 2	26,595				
Subtotal for Department of Health And Human Services -Pass-Through				32,358				
Total for CFDA Number 93.000						32,358		



**SAINT LOUIS UNIVERSITY**  
 Schedule of Expenditures of Federal Awards  
 Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CFDA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Washington University	Pass-Through	93.153	SUB#WU-19-97, PO#2934302G	\$ 9,130				
	Pass-Through	93.153	WU-18-103, PO# 2934772E	3,656				
	Pass-Through	93.153	WU-18-106	5,300				
	Pass-Through	93.153	WU-18-418	51,581				
	Pass-Through	93.153	WU-18-XX	5,385				
	Pass-Through	93.153	WU-19-82	<u>80,719</u>				
Subtotal for Department of Health And Human Services -Pass-Through				155,772				
Total for CFDA Number 93.153						<u>155,772</u>		
Partners HealthCare Systems Inc	Pass-Through	93.173	320488	<u>10,511</u>				
Subtotal for Department of Health And Human Services -Pass-Through				10,511				
Total for CFDA Number 93.173						<u>10,511</u>		
University of Iowa	Pass-Through	93.516	S00588-01	67,966				
	Pass-Through	93.516	W001024504; 1001949649	<u>12,084</u>				
Subtotal for Department of Health And Human Services -Pass-Through				80,050				
Total for CFDA Number 93.516						<u>80,050</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.758	DH160017001, AMEND 02	1,303				
	Pass-Through	93.758	DH190039001	<u>7,109</u>				
Subtotal for Department of Health And Human Services -Pass-Through				8,412				
Total for CFDA Number 93.758						<u>8,412</u>		
Washington University	Pass-Through	93.918	WU-18-418	12,233				
	Pass-Through	93.918	WU-19-406	<u>15,232</u>				
Subtotal for Department of Health And Human Services -Pass-Through				27,465				
Total for CFDA Number 93.918						<u>27,465</u>		
Missouri Department of Health & Senior Services	Pass-Through	93.919	ERS16118072	2,712				
	Pass-Through	93.919	ERS16119079	<u>7,921</u>				
Subtotal for Department of Health And Human Services -Pass-Through				10,633				
Total for CFDA Number 93.919						<u>10,633</u>		
Hennepin Healthcare Research Institute	Pass-Through	93.994	HRSA-SRTR	92,579				
Missouri Department of Health & Senior Services	Pass-Through	93.994	CS171489002	<u>(98)</u>				
Subtotal for Department of Health And Human Services -Pass-Through				92,481				
Total for CFDA Number 93.994						<u>92,481</u>		
AT Still University of Health Science	Pass-Through	93.107	321-375	10,054				
	Pass-Through	93.107	322-375	32,774				
	Pass-Through	93.107	ERS18619001	<u>43,591</u>				
Subtotal for Department of Health And Human Services -Pass-Through				86,419				
Total for CFDA Number 93.107						<u>86,419</u>		
Curators of the University of Missouri	Pass-Through	93.243	C00060570-1	<u>9,223</u>				
Subtotal for Department of Health And Human Services -Pass-Through				9,223				
Total for CFDA Number 93.243						<u>9,223</u>		
Total for Department of Health and Human Services						<u>563,751</u>	<u>2,722,292</u>	
Total Other Programs						<u>563,751</u>		<u>2,781,893</u>
Grand Total						<u>\$ 3,665,676</u>		<u>\$ 172,604,694</u>

See accompanying independent auditors' report and notes to schedule of expenditures of federal awards.

**SAINT LOUIS UNIVERSITY**

Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2019

**(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, 2019. 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 Uniform Guidance, Subpart E-Cost Principles. 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, 2019, 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. The University has not elected to use a 10% de minimis cost rate provided for in the Uniform Guidance.

**(3) Loan Programs**

The University participates in various loan programs. Certain 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, 2019:

	<b>CFDA number</b>	<b>Outstanding balance</b>
Federal Perkins Loan Program	84.038	\$ 11,642,807
Loans for Disadvantaged Students	93.342	297,806
Primary Care Loans	93.342	1,538,064
Nursing Student Loan Program	93.364	729,161
Nurse Faculty Loan Program	93.264	222,593
Total – Student Financial Assistance Cluster Loans Outstanding		\$ 14,430,431

**SAINT LOUIS UNIVERSITY**  
Notes to Schedule of Expenditures of Federal Awards  
Year ended June 30, 2019

The following schedule represents loans disbursed by the University for the year ended June 30, 2019:

	<u>CFDA number</u>	<u>Loans disbursed</u>
Primary Care Loans	93.342	\$ 166,347
Loans for Disadvantaged Students	93.342	50,000
Nursing Student Loan Program	93.364	127,200
Nurse Faculty Loan Program	93.264	<u>17,711</u>
Total – Student Financial Assistance Cluster Loans Disbursed		\$ <u><u>361,258</u></u>

The University claimed an administrative cost allowance of \$133,138 on its Federal Work Study Program during 2019, which is included in the amounts on the Schedule.

**SAINT LOUIS UNIVERSITY**  
Schedule of Findings and Questioned Costs  
Year ended June 30, 2019

**(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: **None Reported**
- (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): **No**
- (g) Major programs:
  - Research and Development Cluster: Various CFDA numbers
  - Student Financial Assistance Cluster: Various CFDA numbers
- (h) Dollar threshold used to distinguish between Type A and Type B programs: **\$997,985**
- (i) Auditee qualified as a low-risk auditee: **Yes**

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

None

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

None