

Uniform Guidance Single Audit Report

Year ended June 30, 2019

(With Independent Auditors' Reports Thereon)

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.



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 is a deficiency, or a combination of deficiencies, in internal control over compliance 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 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.



St. Louis, Missouri March 31, 2020

Schedule of Expenditures of Federal Awards

	Payment	CDFA		FY2019	Awards Passed Through to	Subtotal	Subtotal	Subtotal By Cluster/ Other
Grant/Program Title Pass-Through Entity	Source	Number	Award Number	Expenditures	Subrecipients	By Program	By Agency	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	Diffect	04.007	10074102373	1,330,597				
Federal Work Study 2017-2018	Direct	84.033	P033A172375	147.166				
Federal Work Study 2017-2019	Direct	84.033	P033A182375	800,957				
Total for CFDA Number 84.033				948,123				
Federal Perkins Loan Program	Direct	84.038	P038A022375	13,574,006				
Pell Program 2017-2018 Pell Program 2018-2019	Direct	84.063 84.063	P063P181755 P063P191755	130,657 6,239,359				
	Direct	64.063	P003P191755					
Total for CFDA Number 84.063 Direct Loan Program 2017-2018	Direct	84.268	P268K181755	6,370,016				
Direct Loan Program 2017-2018 Direct Loan Program 2018-2019	Direct	84.268	P268K191755	472,307 112,525,243				
Total for CFDA Number 84.268				112,997,550				
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				2,108,586				
Nursing Student Loan Program Scholarships for Disadvantaged Students	Direct Direct	93.364 93.925	E4CHP27328-04-00 5 T08HP30219-04-00	1,148,059 600,000				
Total for Department of Health and Human Services							4,099,197	
Total for Student Financial Assistance Cluster								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				9,396				
CRDF Global Board of Trustees University of Illinois	Pass-Through Pass-Through	10.001 10.310	DAA3-17-62994-1 2015-06396-01	(375) 10,068				
KUMC Research Institute Inc	Pass-Through	10.331	320915	<u>10,782</u> 20,475				
Subtotal for Department of Agriculture -Pass-Through				20,475				
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				3,762				
The Texas A&M University System	Pass-Through	11.999	SUBAWARD NO. 16-43	6,229				
Subtotal for Department of Commerce -Pass-Through				6,229				
Total for Department of Commerce							9,991	
12 Department of Defense Capturing antibiotic resistant ribosomes Hepatitis D'furs riboruclease H: Mechanisms of catalysis and inhibition	Direct Direct	12.000 12.000	W81XWH-18-10-122 W81XWH-18-10-307	152,794 401,851				
Total for CFDA Number 12.000				554,645				
Connecting the DNA replication fork instability with novel chemotherapeutic strategies Peripherally Restricted to REV-ERB Agonists for Treatment of Diabetes and Obesity Novel Methods	Direct Direct Direct	12.420 12.420 12.420	W81XWH-16-1-0377 W81XWH-16-1-0236 W81XWH1910117	197,081 190,112 13,696				

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA 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 Pre-Clinical Evaluation of Laminin-111 and Electrical Stimulation Therapies for Muscle Regeneration and Rehabilitation Following Volumetric Muscle Loss	Direct Direct	12.420 12.420	320191 W81XWH1810251	\$ (2) 254,447				
Universal Influenza T Cell Targeted Mucosal Vaccines Total for CFDA Number 12.420	Direct	12.420	W81XWH1810140	140,035	71,613			
Subtotal for Department of Defense -Direct				795,369	71,613			
University of Portsmouth Higher Education Corporation	Pass-Through	12.000	321139	28,390	71,013			
Total for CFDA Number 12.000	1 doo 1110dgii	12.000	021100	28,390				
Johns Hopkins Bloomberg	Pass-Through Pass-Through Pass-Through	12.420 12.420 12.420	PO# 2001163201 W81XWH-10-2-0090 W81XWH-10-2-0133/VUMC37447	1,212 227 91				
Cedars-Sinal Medical Center	Pass-Through Pass-Through Pass-Through	12.420 12.420 12.420	AMEND 1, SUB 0001426800 SUB #0001426800	27,276				
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	Dirott	10.001	010/1000011,0/1 2 // 0002	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 Pass-Through	20.205 20.205	SUB# 087795-16556 GRNT D5823 SUB# 087795-16576 GRNT D5821	60,423 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 Remote Sensing from Urmanned Aerial Systems (UAS) to Support Research and Education	Direct Direct	43.008 43.008	80NSSC18K0637 SUBAWRD NO. 00050027-08	66,360 14,649				
Subtotal for National Aeronautics and Space Administration -Direct Total for CFDA Number 43.008				81,009				
Smithsonian Astrophysical Observatory Curators of the University of Missouri Curators of the University of Missouri	Pass-Through Pass-Through Pass-Through	43.000 43.001 43.008	SV3-83017 C00051845-1 SUBAWARD NO. 00050027-04	35,779 29,020 33,529				
Subtotal for National Aeronautics and Space Administration -Pass-Through				98,328			170.005	
Total for National Aeronautics and Space Administration 45 National Endowment of the Arts							179,337	
4o National Endowment of the Arts Missouri Humanities Council - Inside Out Speaker Series 2018-19 The Arabic Voices of the Spanish Monarchy (1492-1700) Subtotal for National Endowment of the Arts -Direct	Direct Direct	45.129 45.160	GRANT # 2152 FA-252088-17	9,600 <u>1,179</u> 10,779				

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Arts Midwest St Mary's University	Pass-Through	45.024 45.169	0021839 HK-250616-16	\$ 16,034 7,105				
St Mary's University Subtotal for National Endowment of the Arts -Pass-Through	Pass-Through	45.169	HK-200010-10	23.140				
•				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 GOALUCGlatorative Research: Human Maintenance - A Prognostics Framework to Model Changes in Drivers' Safety Performance and Optimize Dispatching Policies	Direct Direct	47.041 47.041	1562533 1634992	10,139 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 Chemical Connectomics: Nonlinear Dynamics of Electrochemical Reaction Networks	Direct Direct	47.049 47.049	CHE-1255270 1465013	60,563 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 Intrastab 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: RI: 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 accomodation allow singing insects	Direct	47.074	1656818	219,856	501.017			
RESEARCH-PGR: Adapting perennial crops for climate change: Graft transmissble 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 Total for CFDA Number 47.075	Direct	47.075	1651100	<u>63,336</u> 136,526				
Perceptual and Implementation Strategies for Knowledge Acquisition of Digital Tactile Graphics for Blind and Visially 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 IUSE: EHR - Full-scale Experimental Learning Opportunities in Structural Engineering	Direct	47.076 47.076	DRL-1420320 1726621	11,240 287,870	52,250			
Total for CEDA Number 47.076	Direct	47.070	1720021	500.679	52,250			
				2,805,611				
Total for National Science Foundation-Direct					644,097			
Michigan Technological University Accounts Payable Georgia Tech	Pass-Through Pass-Through	47.041 47.049	1711076Z1 RG173-G8	40,037 85,229				

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA 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 North Carolina State University	Pass-Through Pass-Through	47.074 47.074	IN4826944SLU SUBAWARD NO. 2017-1452-01	34,360 49,504				
Total for CFDA Number 47.074				83,864				
Curators of the University of Missouri Curators of the University of Missouri	Pass-Through Pass-Through Pass-Through	47.079 47.083 47.083	PROJECT NO. 00052854-2 C00052854-7 SUBAWARD NO. C0005284-10	4,016 52,893 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 IPA Agreement - BC IPA Agreement - EC IPA Agreement - SD IPA Agreement - SD IPA Agreement - State Sta	Direct Direct Direct Direct Direct	64.000 64.000 64.000 64.000 64.000 64.000	657D75004; VA225-17-P-6122 6578D0092 554D85065 6579D0013 6579D0013 PC# 6579D0013	1,067 19,003 79,466 50,607 12,946 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 Donald Danforth Pfant Science Center	Pass-Through Pass-Through	81.087 81.135	SUBAWARD NO. 00054578-1 22815-S	2,210 220,401				
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 GEAR UP - Professional Development for Math Teachers	Direct Direct	84.305 84.334	R305A170602 DEPT.CONTRACT; 198719	206,944 14,310	136,761			
Subtotal for Department of Education -Direct				221,254	136,761			
Harris-Stowe State University Lafayette Parish School system	Pass-Through Pass-Through	84.120A 84.334	321125 ERS# 19313	38,651 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 Trial 14-0033 Trial 14-0107 Task Area C Option 1 Protocol Implementation 14-0107 Task Area C-2 Protocol Implementation 14-0107 Task Area D-7 15-0037 Task C 15-0037 Task C 15-0037 Stak Area C - Base Protocol Implementation 15-0066 C-1 Avian Flu ASO	Direct Direct Direct Direct Direct Direct Direct Direct Direct	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	10D-11-0033 HHSN272000018 14-0107.B1C1D1.0023 14-0107.B1C1D1.0023 14-0107.B1C1D1.0029 15-0037.B1C1.0089 15-0087.B1C1.0089 15-0086.B1C1D1.0041	386,199 911 20,835 (45) 81,212 13,001 85,721 251 9,605				

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subto By Clus Othe Progra
16-0033 ZIka in PR, Task Area C-1	Direct	93.000	16-0033.B1C1.0046	\$ 34,337				
6-0033 Zika in PR, Task Area C-3	Direct	93.000	16-0033.B1C1.0046	186,761	140,964			
I6-0033.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				
7-0012 Task D (FluGen) - FY2018-A1B1C1D1.0077	Direct	93.000	FY.2018.A1B1C1D1.0077	52,558				
7-0086 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	75N93019F0083 - 18-0011	69,192				
18-0011 - Task C	Direct	93.000	7N93019F00083-18-0011.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)				
Y.2018.A1B1C1D1.0077 Task A	Direct	93.000	FY.2018.A1B1C1D1.0077	9,391				
Y.2019.A1B1C1D1.0103 Task A Base	Direct	93.000	FY.2019.A1B1C1D1.0103	355,171				
Dmics D-1b FY.2015.A3D12.0031	Direct	93.000	FY.2015.A3D12.0031	21,994				
ask Area B Base 16-0004.B1C1D1.0055	Direct	93.000	16-0004.B1C1D1.0055	53,948	41,073			
ask Area D-6A FY.2017.A1B1C1D1.0048	Direct	93.000	FY.2017.A1B1C1D1.0048	(4,478)				
; Than AIDS	Direct	93.000	FY.2017.A1B1C1D1.0048	(0)				
ask Area D-7A FY.2017.A1B1C1D1.0048	Direct	93.000	FY.2017.A1B1C1D1.0048	11,525				
Than AIDS	Direct	93.000	FY.2017.B8C2.0080	60,405				
TEU TO20 H7N9 Task C	Direct	93.000	FY.2017.B8C12.0080	1.026.110				
ika 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			
ediatric Migraine Registry: A National Registry of Children and Adolescents with Migraines	Direct	93.103	7259 PEDS MIGRAINE_STL01	864				
lealth Equity and Perinatal Periods of Risk: Considering a Changing Landscape	Direct	93,110	R40MC31761	74,780	11,896			
echanistic Insights of BME Mediated Inhibition of Head and Neck Cancer Growth	Direct	93.121	1R01DE025141-01	282.076	,			
ehavioral Health Workforce Education and Training for Preofessionals and Paraprefessionals	Direct	93.243	G02HP27959	6.858				
xercise: Addressing Stress in Relapse Prevention-Substance Use Disorders	Direct	93.279	4R01DA033411-03	180,865				
athways from Chronic Prescription Opioid Use to New Onset Mood Disorder	Direct	93.279	1R01DA043811-01A1	12,211	1,178			
reserving opioid analesia using a novel adenosinergic approach	Direct	93.279	1R21DA040305-01	6.285	1,170			
Role of opioid-induced S1P/S1PR1 axis activiation 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 Hepatocellularcarinoma	Direct	93.393	5R21CA188382-01	101,071				
Total for CFDA Number 93.393				100,578				
		93.395	100101000000000					
I3AR agonists as a novel approach to mitigate chemotherapy induced neurotoxicity	Direct		1R01CA230512-01	379,266	139,320			
3AR Agonists to Prevent Chemotherapy-Induced Painful Peripheral Neuropathy	Direct	93.395	4R01CA169519+04	6,277				
eplication fork repriming versus reversal	Direct	93.395	1R01CA237263-01	62,627				
Total for CFDA Number 93.395				448,170	139,320			
amma/Delta Treg Cells and Human Breast Cancer	Direct	93.396	1R01CA184379-01A1	341.365				
he Role of Tristetrapolin in Control of Breast Cancer Progression	Direct	93.396	4R01CA163808-05	26,086				
reating prostate cancer by pharmacological coinhibition of the Warburg effect and lipogenesis	Direct	93.396	1R21CA205096-01A1	161,292				
Total for CFDA Number 93.396	Direct	33.330	112104203030-0141	528,743				
Ilosteric equilibra of thrombin and its precursors	Direct	93.837	1R01HL147821-01	36,532				
ontrol of Sterol and Lipoprotein Homeostasis by miRNA	Direct	93.837	2R01HL107794-06	523,363				
nportance and Regulation of Cardiac Mitochondrial Pyruvate Transport	Direct	93.837	4R00HL136658-03	56,784				
TSD Treatment: Effects on Health Behavior, Cardiovascular and Metabolic Disease	Direct	93.837	5R01HL125424-04	524,742	138,933			
tructural determination of prothrombin activation (A1 submission)	Direct	93.837	2R01HL049413-20A1	432,890				
Total for CFDA Number 93.837				1,574,311	138,933			
lasmalogen-Derived Chlorinated Lipids: Mediators of Acute Lung Injury in Sepsis	Direct	93.838	1F30HL142193-01	28,263				
Advision Pointed Chemitated Epide: Intelatere of Nedeo Eding Injury In Copolo	Direct	93.839	1R01HL139554-01A1	399.021				
negative feedback loop between Osteoclasts and CD8 T-cells	Direct	93.846	1R01AR0642821-01A1	263.899	14.956			
ligh Throughput Screening to Identify Small Molecule Rank Agonists	Direct	93.846	1R01AR0642821-01A1	203,899	4,461			
	Direct	33.040						
Total for CFDA Number 93.846				467,700	19,417			
lucose transporters and cellular antioxidant potential	Direct	93.847	1R15DK102122-01A1	86,681				
poL1 and its kidney disease associated variants: ion permease activity, molecular structure, and podocyte injury	Direct	93.847	1R01DK120651-01	65,454				

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
			· · · · · · · · · · · · · · · · · · ·					
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 Role of out microbiota in total parenteral nutrition associated injury	Direct	93.847 93.847	1R01DK098563-01A1 1R03DK121046-01	82 28.661				
Role of the Bile acid activated receptors FXR and TGR5 in Total Parenteral Nutrition associated hepatic and out disease	Direct	93.847	1K03DK121046-01 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 (EB13) in Preventing Gastric Atrophy and Metaplasia	Direct	93.847	1F30DK118873-01A1	20,273	101,020			
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	1R21NS098104-01	97,138	48,461			
Role of adropin in maintaining cognitive function	Direct	93.853	1R21NS108138-01	159.292	-10,-101			
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	1R21Al127196-01	96,997				
Defining approaches for improving HID and HPD compounds as BHV RNaseH	Direct	93.855	1R21Al124672-01A1	180,961				
Frequency and pattern of resistance mutations to novel inhibitors of HSV-1	Direct	93.855	1R03Al115321-01A1	(100)				
Functions in Hopx 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	1R21Al135311-01	178,179				
Optimization of alpha-hydroxytropolones as novel inhibitors of the HBV RNaseH	Direct	93.855	1R01Al122669-01	326,888	92,142			
Protective and pathologic effects of Th17 cells specific for an intracellular pathogen	Direct	93.855	1R21Al128270-01	145,209				
R21 Resubmission: Viral Categorization and Discovery in Acute Liver Failure and Unknown Etiology Role of gamma/delta T cells in vaccine induced immunity	Direct Direct	93.855 93.855	1R21AI117128-01A1 2R01AI048391-09	160,785 848,072	600,511			
•	Direct	93.600	2K01Al046391-09					
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 Biomimetic Platform for Metabolomic Analysis	Direct	93.859 93.859	1R15GM129696-01A1	6,695 40,681				
			1R15GM113153-01		400.074			
Chlorinated Lipids in Sepsis Cohesion and Enhancers	Direct Direct	93.859 93.859	1R01GM115553-01 1R01GM108714-01A1	522,160 383,888	128,671			
Cohesion Polycomb	Direct	93.859	1R01GM108714-01A1	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 Regulation and function of bacterial 100S ribosome	Direct Direct	93.859 93.859	5T32GM008306-29 1R01GM121359-01A1	168,054 319,629				
Selective regulation of the calcium component of the ATP-gated P2X7 current	Direct	93.859	1R01GM121359-01A1 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	Direct	33.033	21(130)0000000000	2.626.171	128.671			
	Direct	00.005	FUC3UD000000 00		- , -			
ITEST: Innovative Tools to Expand Youth-Friendly HIV Self-Testing A Bio Data Research Study on the Relationship Between Metformin Use and Dementia	Direct Direct	93.865 93.866	5UG3HD096929-02 R21AG055604	787,550 228,722	339,758 123,274			
A Big Data Research Study on the Relationship Between Metrormin Use and Dementia Investigation of neural mechanisms of late life cognition and emotion regulation	Direct	93.866	7K01AG049075-02	228,722 120,505	123,214			
Mapping Progranulin'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			
		93.000	321114	2.816				
Atox Bio, Ltd.	Pass-Through							

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Grand rogram rule rass-rinough Endy	000100	Number	Award Humber	Experiatures	oubrecipients	Byrrogram	by Agency	Trograma
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				
University of Texas Realth Science Center - Houston	Pass-Through	93.110	SUB #0012728M	(2,682)				
	r doo rinodgir	00.110	000 100 12/2011					
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 Pass-Through	93.350 93.350	SUB# WU-19-387, PO# 2935013G WU-18-328	6,066 24,505	6.069			
	Pass-Through	93.350	WU-18-333; PO2935262E	38,549	0,009			
	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				
Total for CFDA Number 93.788	Pass-Through	93.788	SUBAWARD# 00066028-4	<u>16,643</u> 88,342				

Schedule of Expenditures of Federal Awards

Perior         0.837         Photopic 10022         2.58           Cond Listenary         0.837         S0140000         3.53           Cond Listenary         0.837         S0140000         3.53           Cond Listenary         0.837         S0140000         3.53           Pear Trongo         0.837         S01400000         3.53           Pear Trongo         0.837         S014000000000         3.56           Pear Trongo         0.837         S0140000000000         1.56           Pear Trongo         0.837         S014000000000000         1.56           Pear Trongo         0.837         S01400000000000000000000000000000000000	Grant/Program Title Pass-Through Entity	Payment Source	CDFA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
Cand Laberaty Data Laberaty Pail Trage Pail Trage	Brigham & Women's Hospital	Pass-Through	93.837	FUND 114117	\$ 7,804				
Data LawarayPacs Traing Pacs Trai									
Pair TradyPair Trady<									
Pair Truck         9.837         68/300         105/00           Geogram         9.837         68/307         105/00           Geogram         9.837         68/307         105/00         105/00           Var Ukuwak         Pair Trucky         9.837         64/307         105/00           Var Ukuwak         Pair Trucky         9.837         64/307         105/00           Var Ukuwak         Pair Trucky         9.837         64/307         105/00           Toll COTA Nerle 83.87         Toll COTA Nerle 83.87         105/00         105/00           Toll COTA Nerle 83.87         Pair Trucky         9.838         8.850.113         1.630           Toll COTA Nerle 83.87         Pair Trucky         105/00         105/00           Toll COTA Nerle 83.87         Pair Trucky         105/00         105/00           Toll COTA Nerle 83.84         Pair T	Duke University								
Pais-Triogn         9,037         90,737         10,947           Emy University Georgiansen University         90,837         90,837         10,847         10,847           Pais-Triogn         9,837         90,837         10,847         10,847           Registerin University Shord (Madeia Washingin Unive									
Pass Prough         Pass Prough         9.837         9.818 PC0.3786         9.8104           Grouphondy         Pass Prough         9.819         9.818 PC0.3786         9.8104           Ward Prough South Madres         Pass Prough         9.819         9.818 PC0.3786         9.819           Ward Prough South Madres         Pass Prough         9.819         VII-1937 PC2/2005 PC0         10.819           Construct Madres Prough         9.819         VII-1937 PC2/2005 PC0         10.819           Fast Prough         9.819         VII-1937 PC2/2005 PC0         10.819           Fast Prough         9.819         VII-1937 PC2/2									
Pase Throop         9.357         9.1370.202         9.1370.202           Geogram Lowering         9.367         9.1347.0020         9.1370.202           Not Vol. Usering School Madere         9.337         MADD To Origin The Mathematical School Madere           Not Vol. Usering School Madere         9.337         MADD To Origin The Mathematical School Madere           Not Vol. Usering School Madere         9.337         MADD To Origin The Mathematical School Mathema									
Emp University Graphon University Scool of Machine Washington University Scool Scool Machine Washington University Scool Machine Wash									
GeogeneryPear-Truck P	Emory University								
New Yook, Machange Manager, Markanger, Mark	Georgetown University								
Wahngo Unweniy         Past Trough         9.3.7         WU-H 37.0 POR 2853382         3.586           Tot for CFDA Namer 93.567         515.955         515.955           Cand to CFDA Namer 93.567         7.425         38.44           Cand to CFDA Namer 93.57         WU-H 37.0 POR 2853382         3.586           Cand to CFDA Namer 93.567         7.425         38.44           Statis Chickers Hough         9.83         RE55 1318         7.425           Statis Chickers Hough         0.838         RE55 1318         7.425           Statis Chickers Hough         0.838         RE55 1318         7.425           Statis Chickers Hough         0.838         RE55 1318         7.425           Manhgou University         Past Trough         0.838         RE55 1318         9.856           Manhgou University         Past Trough         0.838         SUBURISE (114330000000000000000000000000000000000									
Total or CPDA kunder 33.87         Wull 14.380 PC24353.58         9.194           Case Western Reserve Liveresty         Pase Through         9.338         RESS 121         7.425           State Charter 43.87         Pase Through         9.338         RESS 123         3.844           Total to CPDA kunder 3.8.9         US251U, MD 92	New York University School of Medicine								
Total for CPDA Number 93.837         35.837         35.837           Gand Neame Linivestry         Pase Through         93.83         RESUST 103         4.644           Sectio Children Stepstal         Pase Through         93.83         RESUST 103         4.644           Model University of South Carolina Ages Through         93.83         SUST 205 (6498)         20.935           Model University of South Carolina Ages Through         93.83         SUST 205 (6498)         20.935           Total for CPDA Number 93.830         SUST 205 (6498)         20.935         20.935           Total for CPDA Number 93.830         SUST 205 (6498)         20.935         20.936           Total for CPDA Number 93.830         SUST 205 (6498)         20.936         20.936           Total for CPDA Number 93.840         SUST 205 (6498)         20.936         20.936           Total for CPDA Number 93.840         SUST 205 (6498)         20.936         20.936           Total for CPDA Number 93.840         SUST 205 (6498)         20.937         20.937           Total for CPDA Number 93.840         SUST 205 (6498)         20.937         20.936           SUST 205 (CPDA Number 93.847         SUST 205 (6498)         20.937         20.937           Total for CPDA Number 93.847         SUST 205 (6498)         20.937 </td <td>Washington University</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Washington University								
Case Venter Reare University         Pairs Through         RESS 1313         7.45           Static Charlane 1020         Name         Name         Name         Name           Static Charlane 1020         Name         Name         Name         Name           Marka University of Static Cardina Reare         Pairs Through         Name         Name         Name         Name           Marka University of Static Cardina Reare         Pairs Through         Name         Name         Name         Name         Name           Marka University of Static Cardina Reare         Pairs Through         Name         Name <td></td> <td>Pass- mough</td> <td>93.037</td> <td>W0-18-360 FO#2933339E</td> <td></td> <td></td> <td></td> <td></td> <td></td>		Pass- mough	93.037	W0-18-360 FO#2933339E					
Pase Trrough         9.3.83         RES.1336.00 / 2         3.9.844           Toal for CFDA Number 93.83         VISED Toal for CFDA Number 93.83         VISED Toal for CFDA Number 93.83         NUSC 17.051-6268         20.500           Ruigen Toal for CFDA Number 93.83         NUSC 17.051-6268         20.500         47.24           Mach Ulwenting for CFDA Number 93.83         SUBB 06.7, 00496002         66.308         47.24           Toal for CFDA Number 93.83         SUBB 06.7, 00496002         66.308         47.24           Toal for CFDA Number 93.83         SUBB 06.7, 00496002         66.308         47.24           Toal for CFDA Number 93.83         SUBB 06.7, 00496002         66.308         47.24           Regen To mouth 93.840         SUBB 06.67, 0049602         66.308         47.24           Regen To mouth 93.840         SUBB 06.67, 0049602         66.308         47.24           Regen To mouth 93.840         SUBB 06.67, 0040         28.961         48.969           Toal for CFDA Number 93.840         SUBB 06.67, 0040         28.961         48.969           Regen To mouth 93.840         Pase Trrough 93.840         NUSC 95.261, AUD 1         21.347           Toal for CFDA Number 93.840         Pase Trrough 93.845         NUSC 97.2664         47.355           Regen To mouth 93.847         Res	Total for CFDA Number 93.837								
Santia Childrina Hoopida         Pairs Trong (P 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	Case Western Reserve University								
Total for CFDA Number 93.838         149.351           Medical University         Pass Through         93.839         NUSC17/26140C888         20.530           Maginar Tucksala University         Pass Through         93.839         NUSC17/26140C888         20.530           Total for CFDA Number 93.840         Pass Through         93.839         WUL18.5         200.143           Total for CFDA Number 93.840         Pass Through         93.840         810CH0005         (4.200)           Watehingon University         Pass Through         93.840         810CH0005         (4.200)           Watehingon University         Pass Through         93.840         810CH0005         (4.200)           Total for CFDA Number 93.840         Pass Through         93.840         810CH0005         (2.801)           Total for CFDA Number 93.840         Pass Through         93.846         10285         (1.774)           Regents of the University of Ilmose         Pass Through         93.847         SUBAWARD 815-201, AND 91         81.365           Total for CFDA Number 93.840         Pass Through         93.847         SUBAWARD 815-201         81.365           Group CFDA Number 93.846         Pass Through         93.847         SUBAWARD 815-201         81.365           Groal for CFDA Number 93.846	Seattle Childrens Hospital								
Madeed         Pack Truncy         93.89         MUSC 17281.40389         20.50           Rulpm The State University         93.89         MUSC 17281.40389         20.52         45.80           Wahngen University         93.89         SUB 4 643, POPERSD22         46.30         45.80           Total for CFDA Number 93.830         Total for CFDA Number 93.840         150/C4555         15.800         15.800           Board Trunces Number 90.8100         Pass Truncy         93.840         150/C4555010         29.824           Board Trunces Number 90.8100         93.840         150/C4555010         29.824           Board Trunces Number 90.8100         93.840         150/C455010         29.824           Stoard College Nambers 90.8100         93.840         150/C455010         29.824           Stoard College Nambers 90.8100         93.847         N001185506         (2.861)           Stoard College O Hammory         93.847         N00118506         10.305           Total for CFDA Number 93.840         18.847         MMSD 180/WARD 18/5010         138.359           Jashs Board Trunce Number 90.81100         93.847         N00118506         2,282           Georg Wanngen University of Mammark 91.8100         93.847         N00118206         12,283           Jashs Board Trunce Numa									
Rujeer         Person Trough         9.8.8.9 bit 90072 PO1143033 PR0.182822         4.7.4           Washington University         Parso Trough         9.8.8.9 bit 90448, PO189802         66.3.89           Toal for CFDA Number 33.830         WU 1-85         290.1.43           Koame Naturahi Univ of Science & Technology         9.8.840         9100-19050         (4.200)           Parso Trough         9.8.840         9100-19050         (4.200)           Parso Trough         9.8.840         9100-19050         (4.200)           Parso Trough         9.8.840         9100-19050         (2.861)           State CFDA Number 93.840         9100-1900         28.841         10.001         (2.861)           State CFDA Number 93.840         98.845         NU0019506         (2.861)         (2.861)           State CFDA Number 93.840         98.845         NU0019506         (2.861)         (2.861)           State CFDA Number 93.840         Parso Trough         9.8.847         SUBAVARD #17-010         (2.137)           State CFDA Number 93.846         SUBAVARD #17-010         (2.137)         (2.137)           Groege Washington University         Parso Trough         9.8.847         SUBAVARD #10-010         (2.137)           Groege Washington University         Parso Trough <t< td=""><td></td><td>Page-Through</td><td>03 830</td><td>MUSC17-051-8C868</td><td>.,</td><td></td><td></td><td></td><td></td></t<>		Page-Through	03 830	MUSC17-051-8C868	.,				
Pass Trough         98.839         SUB 0436, D0688062         66.384           Yaal for CFDA Number 93.830         YUL95         198.502         198.502           Yaal for CFDA Number 93.840         Pass Trough         93.840         1950-19505         (4.509)           Yaal for CFDA Number 93.840         Pass Trough         93.840         1950-19505         (4.509)           Total for CFDA Number 93.840         Pass Trough         93.840         1950-19505         (2.851)           Bord of Truutees University of Minesica Register of Initions Register of Initini Register of Initions Register of Initions Registe									
Total for CFDA Number 93.839         280,143           Kwame Nkrumah Univ d Science & Tachnology         Pass-Through Pa			93.839	SUB# 0463, PO#898082	66,398				
Kwane Mkrumah Univ of Science & Technology         Pases Through Pases Through Staski BisCHS05010         14.200 28.854           Total for CFDA Number 33.840         Pases Through Staski BisCHS05010         19.000 28.854           Board of Tuatese University of Illinois Board of Tuatese University of Illinois Stouic of Dage of Pharmany         9.884         N00188505         (2.861) 8.984           Stouic of CPDA Number 33.840         Pases Through Pases Through Stouic of Dage of Pharmany         9.846         N00188505         (2.861) 8.984           Gorge Washington University Johns Hopkins University Johns Hopkins Johns Hopkins University Johns Hopkins Johns Hopkins Johns Hopkins Johns Hopkins Johns Hopkins Johns Houter Johns	Washington University	Pass-Through	93.839	WU-18-5	198,502				
mass         pass-Through         93.840         819CH50508         19.695           Total for CFDA Number 93.840         519CH505010         28.824           Board of Tustees University of Minosch         Pass-Through         93.846         100018506         11.774           Regents of the University of Minosch         Pass-Through         93.846         NUBAVARD #0652-01, AMD #1         61.005           Stouts College of Pharmacy         Pass-Through         93.847         SUBAWARD #052-01, AMD #1         61.005           Total for CFDA Number 93.846         University         Minosch         28.874         SUBAWARD #052-01, AMD #1         61.005           Goorge Washington University         Pass-Through         93.847         SUBAWARD #050-01         163.859           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #050-01         163.859           Johns Hopkins University         Pass-Through         93.847         SUBAWORD #050726644         27.317           Medomics LLC         Pass-Through         93.847         SUBAWORD #000372664         47.55           Regents of the University of Calfornia San Francisco         Pass-Through         93.847         SUBAWORD #00047361640         5.100           Washington University         Pass-Through         93.847         SUBA	Total for CFDA Number 93.839				290,143				
Pass-Through         93.84         93.640         93.640         282.64           Total for CPD Number 93.840         74.593         44.593           Board of Tustees University of linois Regents of the University of linois Structs Collage Of Pharmany         93.846         16285         11.774           Structs Collage Of Pharmany         93.846         N000188506         (2.681)           Total for CPDA Number 93.846         N000188506         (2.381)           George Mahington University         93.847         SUBAWARD #16-D10         183.859           Johns Hopkins University         93.847         SUBAWARD #10-D10         183.269	Kwame Nkrumah Univ of Science & Technology	Pass-Through	93.840	819CH0505	(4,200)				
Total for CFDA Number 93.840         44,593           Board of Tustees University of Illinois Regents of the University of Illinois Regents of the University of Illinois Regents of the University of Illinois St.Coil CGPA Number 93.846         16285         11,774           Total for CFDA Number 93.846         SUBAWARD #105-201, AMD #1         81,305           Greege Washington University         Pass-Through         93.846         SUBAWARD #17-D10         21,317           Greege Washington University         Pass-Through         93.847         SUBAWARD #15-D10         18,869           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #10-D10         18,369           Medonics LLC         Pass-Through         93.847         AMIN DisuBAWARD 2003726614         27,317           Regents of the University of the University of the University of the University of California San Francisco         Pass-Through         93.847         AMIN DisuB20043028507         1(1)           Regents of the University of University of the University o									
Board of Tustees University of Illinois Regents of the University of Minnesota Stucis Cellego Pharmarcy         Pass-Through         93.846         16285         11,774           Regents of the University of Minnesota Stucis Cellego Pharmarcy         93.846         N00018806         (2.861)           Total for CFDA Number 93.846          93.847         SUBAWARD #06-201, AMD #1         (1.362)           George Washington University         Pass-Through         93.847         SUBAWARD #17-D10         13.869           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #16-D10         183.869           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #16-D10         13.869           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #16-D10         138.869           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #16-D10         138.869           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #00.1100SDE         (1)           Pass-Through         93.847         SUBAWARD #10-D10         13.859         (1)           Pass-Through         93.847         SUBAWARD #0.01100SDE         3.362         (1)           Pass-Through         93.847         SUBAWARD #0.01100SDE		Pass-Through	93.840	819CHS05010					
Regents of the University of California San Francisco         Pass-Through         93.846         N00188506         (2.861)           George Washington University         Pass-Through         93.847         SUBAWARD #605-201, AMD #1         93.147           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #17-D10         21.317           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #17-D10         183.859           Johns Hopkins University         Pass-Through         93.847         SUBAWARD #17-D10         183.859           Addomice SLC         Pass-Through         93.847         AMD1 SUBAWARD 2003726644         4,755           Regents of the University of California San Francisco         Pass-Through         93.847         SUB# 2004728644         4,755           Regents of the University of California San Francisco         Pass-Through         93.847         SUB# 2004728644         4,755           Washington University of California San Francisco         Pass-Through         93.847         SUB# 200472864         4,755           Research Institute at Nationxide Childrens Hospital         Pass-Through         93.847         SUB# 200473451         1.822           Washington University of California San Francisco         Pass-Through         93.847         AMENDIMET 4 SUB 27000473.618-00	Total for CFDA Number 93.840				44,593				
St. Zoalis Collegis of Pharmacy         Pass-Through         93.846         SUBAWARD #805-2-01, AMD #1 <u>81,305</u> Total for CFDA Number 93.846         93.847         SUBAWARD #805-2-01, AMD #1         21,317           George Washington University         93.847         SUBAWARD #17-D10         183,859           Johns Hopkins University         93.847         AMENDAR2, SUBAWARD #16-D1         183,859           Johns Hopkins University         93.847         AMENDAR2, SUBAWARD #10-D1         183,859           Medomics LLC         Pass-Through         93.847         AMENDAR2, SUBAWARD #17-D10         183,859           Research Institute at Nationable Childrenia San Francisco         Pass-Through         93.847         AMENDAR2, SUBAW203662778         2,092           Washington University of California San Francisco         Pass-Through         93.847         SUBAWARD Mol.103SCC         3.832           Research Institute at Nationable Childrens Hospital         Pass-Through         93.847         AMENDMENT 4 SUB 700043-0616-00         5,161           Washington University         Galdrenia San Francisco         Pass-Through         93.847         AMENDMENT 4 SUB 70043-0616-00         5,160           Washington University         Fast Horigh         93.847         AMENDMENT 4 SUB 700043-0616-00         5,100           Washington Univer	Board of Trustees University of Illinois								
Total for CFDA Number 93.846         90.218           George Washington University         93.847         SUBAWARD #17-D10         21.317           Johns Hopkins University         93.847         SUBAWARD #16-D10         183.859           Johns Hopkins University         93.847         SUBAWARD #16-D10         183.859           Johns Hopkins University         93.847         AMDI SUBAWARD 2003726844         27.317           Pass-Through         93.847         POW 2003402850         (1)           Mediomics LLC         Pass-Through         93.847         SUB# 2004707481         18.226           Regents of the University of California San Francisco         Pass-Through         93.847         SUB# 2004707481         18.226           Regents of the University of California San Francisco         Pass-Through         93.847         SUB# 2004707481         18.226           Regents of the University of California San Francisco         Pass-Through         93.847         SUB# 2004407481         1.822           Washington University         Pass-Through         93.847         SUB# 2004407481         1.822           Research Institute at Nationwide Childrens Hospital         Pass-Through         93.847         SUB# 200420360         5.100           Washington University         Pass-Through         93.847         S									
George Washingon University         Pass-Through         93.847         SUBAWARD # 17-D10         21,317           Johns Hopkins University         Pass-Through         93.447         AMD 16-D10         183.859           Johns Hopkins University         Pass-Through         93.447         AMD SUBAWARD 203726644         27,317           Pass-Through         93.447         POID 203402650         (1)           Pass-Through         93.447         SUBA WARD 203726644         4,755           Pass-Through         93.447         SUBA WARD # 17-D10         18.859           Medionics LLC         Pass-Through         93.447         SUBA 2003402650         (1)           Pass-Through         93.447         SUBA WARD 16.11305SC         3.332           Research Institute at Nationwide Childrens Hospital         Pass-Through         93.447         AMENDMENT 4 SUB 70043051-00         5.100           Washington University of California San Francisco         Pass-Through         93.447         AMIS MARD 16.1130SSC         3.332           Research Institute at Nationwide Childrens Hospital         Pass-Through         93.447         AVII 51.30-MOD 3, PO #202525249         (0)           Washington University         Pass-Through         93.847         SUBA WARD NO.8, COME 2025222224         (0)           Total for	• •	Pass-Through	93.846	SUBAWARD #805-2-01, AMD #1					
Pass         Pass         SUBAWARD P16-D10         183,859           Johns Hopkins University         Pass-Through         93,847         AMD SUBAWARD 2003726644         27,317           Pass-Through         93,847         PASD-2003402650         (1)           Pass-Through         93,847         SUB#20030262778         2,092           Pass-Through         93,847         PARCADADADE         SUB#20030262778         2,092           Madomics LLC         Pass-Through         93,847         SUB#200326644         4,755           Research Institute at Nationvide Childrens Hospital         Pass-Through         93,847         SUB#200470411         18,266           Washington University         Galifornia San Francisco         Pass-Through         93,847         SUB#200470411         1,882           Washington University         Galifornia San Francisco         Pass-Through         93,847         AMENDMENT 4 SUB 70043-0514-00         5,100           Washington University         Pass-Through         93,847         AM3 WU-156-54MOD-2.P.Or29222328Y         (0)           Pass-Through         93,847         WU-15-130-MOD 3, PO #2922554-SU         201         445           Loc Angeles Biomedical Research         Pass-Through         93,853         0000902031         19,111									
Johns Hopkins University         Pass-Trough         93.847         AMD I SUBAWARD 2003726644         27.317           Pass-Trough         93.847         AMD Pers SUBA90082276         2.092           Pass-Trough         93.847         PC# 2003402850         (1)           Pass-Trough         93.847         SUB# 200470641         18.296           Pass-Trough         93.847         SUB# 20047064         4.755           Regents of the University of California San Francisco         Pass-Trough         93.847         SUB# 20047064         5.161           Regents of the University of California San Francisco         Pass-Trough         93.847         SUB# 20047064.0         5.100           Research Institute at Nationwide Childrens Hospital         Pass-Trough         93.847         AMENDMENT 4 SUB 70043-0518-00         5.100           Washington University         Pass-Trough         93.847         WI-S Total NP 20043-0518-00         5.100           Total for CFDA Number 93.847         Pass-Trough         93.847         WI-S Total NP 20222528Y         (0)           Fred Hubinson Cancer Research Center         Pass-Trough         93.853         0000920391         19.171           Pass-Through         93.853         0000920391         19.171         2.386           Mohingan State University	George Washington University								
Pass-Trough       93.847       AMENDR2_SUBB2003082778       2.092         Pass-Trough       93.847       PCM 2003402850       (1)         Pass-Trough       93.847       SUB# 20037028644       4.755         Mediomics LLC       Pass-Trough       93.847       SUB# 2004704811       18.296         Research Institute at Nationvide Childrenis Hospital       Pass-Trough       93.847       SUB# 2004470481       18.296         Washington University       California San Francisco       Pass-Trough       93.847       AMENDMEXT 13050C       33.302         Research Institute at Nationvide Childrens Hospital       Pass-Trough       93.847       AMENDMEXT 4 SUB 7004304850       5.100         Washington University       Pass-Trough       93.847       AMMENDMEXT 4 SUB 70040-0514.00       5.100         Pass-Trough       93.847       WU-15-130-MOD 3, P0 #29225228Y       (0)         Pass-Trough       93.847       WU-15-130-MOD 3, P0 #29225228Y       (2)         Fdet Hutchinson Cancer Research Center       Pass-Trough       93.853       0000920391       19.11         Fass-Through       93.853       MEMOS 50064-SLI PO#1001601       2.386         Los Angeles Biomedical Research       Pass-Trough       93.853       SUBAVARD NO, RCH0845       530.002         U	Johns Hankins University								
Pass-Through         93.847         PC# 2003426250         (1)           Pass-Through         93.847         SUB# 200372664         4,775           Pass-Through         93.847         SUB# 200470741         18.296           Regents of the University of California San Francisco         Pass-Through         93.847         SUB# 200407461         18.296           Research Institute at Nationwide Childrens Hospital         Pass-Through         93.847         SUB# 200407461         18.296           Washington University         93.847         SUB# 200407461         18.296         3.382           Total for CFDA Number 93.847         Pass-Through         93.847         AMIS VID-156.5MOD-2.P.0#29223.847         (0)           Fred Huchnison Cancer Research Center         Pass-Through         93.847         WLP 5- 103.MOD 3.90 #2922564         221.944           Vibright State         Pass-Through         93.853         0000920391         19.171           Fred Huchnison Cancer Research Center         Pass-Through         93.853         0000920391         19.171           Pass-Through         93.853         0000920391         19.171         23.862           University of Florida         Pass-Through         93.853         SUBAWARD NO.R CHORes & 93.002         249.4642           University of Florid	Sonna hopkina Oniversity								
Pass         Pass         SUB# 200407481         18,286           Addomics LCD         Pass         Pass         Forugin         93,847         SUB# 200407481         18,286           Regets of the University of California San Francisco         Pass         SUB# 200407481         93,847         SUB# 200407481         5161           Research Institute al Nationwide Childrens Hospital         Pass         SUB# 200407431         SUB# 200407431         3,382           Washington University         93,847         SUB# 200407431         SUB# 200407431         1,882           Pass         Princip         93,847         AVIE NUMENT 4 SUB 700043-0518-00         5,100           Washington University         Pass         Pass         Trincip         93,847         AVIE NUMENT 4 SUB 700043-0518-00         2,194           Total for CFDA Number 93.847         Pass         Trincip         93,847         W15-156-5MOD-2:04292232847         (0)           Fred Huchnison Cancer Research Center         Pass         Pass-Trincip         93,853         0000920391         19,171           Los Angeles Biomedical Research         Pass-Trincip         93,853         SUB AVARE DN. R-C10845         93,002           University of Florida         Pass-Trincip         93,853         UB/DENO11959         42,635 <td></td> <td>Pass-Through</td> <td>93.847</td> <td>PO# 2003402850</td> <td>(1)</td> <td></td> <td></td> <td></td> <td></td>		Pass-Through	93.847	PO# 2003402850	(1)				
Mediomics LLC         Pass         Pass         Finough         93.447         ERS# 41819         5,161           Regents of th University Californis San Francisco         Pass         Pass         Finough         93.447         SUB AVARAD NO. 1300SC         3.302           Research Institute at Nationvide Childrens Hospital         Pass         Pass         MMENDMENT 4 SUB 7004/0518-00         5,100           Washington University         Pass         Pass         MMENDMENT 4 SUB 7004/0518-00         5,100           Pass         Pass         MMENDMENT 4 SUB 7004/0518-00         5,100         1,882           Pass         Pass         MMENDMENT 4 SUB 7004/0518-00         221,944         1,882           Total for CFDA Number 93.847         VMI-15-130-MOD 3, PO #29225228*0         (0)         221,944           Field Hutchinson Cancer Research Center         Pass         7835         0000920391         19,111           Pass-Through         93.853         0000920391         19,111         2,386           Los Angeles Biomedical Research         Pass         MMENDS, 2064-SLI PO#1001601         2,386           University of Florida         Pass-Through         93.853         URDPS0011559         42,635           University of Florida         Pass-Through         93.853         URDP00									
Regents of the University of California San Francisco         Pass-Through         93.847         SUBAWARD NO. 1130SSC         3.382           Research Institute a Nationwide Childrens Hospital         Pass-Through         93.847         AURDMENT 4 SUB 700043-0518-00         5.100           Washington University         93.847         321191         1.882         1.882           Pass-Through         93.847         AVIA DIMENT 4 SUB 700043-0518-00         1.882           Pass-Through         93.847         AVIA 15-65-MOD-2-P.0#2922328Y         (0)           Pass-Through         93.847         AVIA 15-165-MOD-2-P.0#2922564         221944           Total for CFDA Number 93.847         Pass-Through         93.853         0000920391         19.171           Fred Huchnison Cancer Research Center         Pass-Through         93.853         0000920391         2.1394           Los Angeles Biomedical Research         Pass-Through         93.853         SUBAWARD NO. RC10845         93.002           University of Florida         Pass-Through         93.853         SUBAWARD NO. RC10845         93.002           Washington University         Pass-Through         93.853         URDN011959         42.635           University of Florida         Pass-Through         93.853         URDN20011959         42.635 <t< td=""><td>Madiamias LLC</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Madiamias LLC								
Research Institute at Nationwide Childrens Hospital         Pass. Through         93.47         AMENDMENT 4 SUB 70043-0518-00         5,100           Washington University         Pass. Through         93.47         AMIS MUL-166-64MDD-2.P.0#2922328Y         (0)           Pass. Through         93.847         AM3 WU-166-64MDD-2.P.0#2922328Y         (0)           Total for CFDA Number 93.847         St 111         1.882           Fred Hutchinson Cancer Research Center         Pass. Through         93.853         0000920391         19.11           Pass-Through         93.853         000950963         34642           Los Angeles Biomedical Research         Pass. Through         93.853         UBAWARD NO. RCH0846         530.02           University of Florida         Pass. Through         93.853         UBAWARD NO. RCH0846         530.02           Washington University         Pass. Through         93.853         UBAWARD NO. RCH0846         530.02           University of Florida         Pass. Through         93.853         UBAWARD NO. RCH0846         530.02           Washington University         Pass. Through         93.853         UBAWARD NO. RCH0846         530.02           Washington University         Pass. Through         93.853         UBAWARD NO. RCH0846         530.02           Washington Un									
Washington University         Pass. Through         93.847         X2111         1.882           Pass. Through         93.847         M24         M240/0-2.PO429222324         (0)           Total for CFDA Number 93.847         W1.91-5613/MOD-2.PO429222554Y         221,944           Fred Huchnison Cancer Research Center         Pass. Through         93.847         0000920391         19,171           Los Angeles Biomedical Research         Pass. Through         93.853         0000959963         34.642           University of Florida         Pass. Through         93.853         SUB & UFDS, PO011201601         2,336           University of Florida         Pass. Through         93.853         SUB & UFDS, P00012121         93,764           Washington University         Pass. Through         93.853         UFDS, P00012212         99,746           Washington University         Pass. Through         93.853         WU-19-127         19,671									
Pass-Through         93.847         WU-15-130-MDD 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           Los Angeles Biomedical Research         Pass-Through         93.853         0000959963         34,642           University of Florida         Pass-Through         93.853         SUB&WARD NO. RC10845         93.002           Washington University         Pass-Through         93.853         UFDSP0011929         42,635           Washington University         Pass-Through         93.853         UFDSP00012212         99,746           Washington University         Pass-Through         93.853         WU-19-127         19,671	Washington University	Pass-Through	93.847	321181					
Total for CFDA Number 93.847         495,105           Fred Hutchinson Cancer Research Center         Pass-Through         93.853         0000920391         19,171           Los Angeles Biomedical Research         Pass-Through         93.853         00009209693         34,642           Michigan Statu University         Pass-Through         93.853         SUBAWARD NO. RCH0454         53,002           University of Florida         Pass-Through         93.853         SUBAWARD NO. RCH0454         53,002           Washington University         Pass-Through         93.853         ULPDSP0011252         42,635           Washington University         Pass-Through         93.853         UFDSP0012212         99,766           Washington University         Pass-Through         93.853         WU-19-127         19,671									
Fred Hutchinson Cancer Research Center         Pass-Through         93.853         0000920391         19,171           Los Angeles Biomedical Research         Pass-Through         93.853         0000950963         34.642           Los Angeles Biomedical Research         Pass-Through         93.853         MLENDS, 20854-SLU P0#18001601         2,386           Michigan State University         Pass-Through         93.853         SUBAWARD NO. RC10845         93.002           University of Florida         Pass-Through         93.853         SUB # UFDSP0011959         42.635           Washington University         Pass-Through         93.853         UFDSP0012212         99.746           Washington University         Pass-Through         93.853         WU-19-127         19,671		Pass-Through	93.847	WU-15-130-MOD 3, PO #2922554Y					
Pass-Through         93.853         0000950963         34,642           Operating State University         Pass-Through         93.853         AMEND5, 20854-SLU P0#18001601         2,386           Michigan State University         Pass-Through         93.853         SUBAWARD NO. RC10845         93,002           University         Pass-Through         93.853         SUB # UFDSP0011959         42,635           Washington University         Pass-Through         93.853         UFDSP0012212         99,746           Washington University         Pass-Through         93.853         WU-19-127         19,671									
Los Angeles Biomedical Research         Pass-Through         93.853         AMENDS, 2084-SLU PO#16001601         2,386           Michigan State University         Pass-Through         93.853         SUBAWARD NO. RC10845         93.002           University of Florida         Pass-Through         93.853         UFDS/P00011295         42.635           Washington University         Pass-Through         93.853         UFDS/P00012212         99.766           Washington University         Pass-Through         93.853         WU-19-127         19.671	Fred Hutchinson Cancer Research Center								
Michigan State University         Pass-Through         93.853         SUBAWARD NO. RC10845         93.002           University of Florida         Pass-Through         93.853         SUB # UFDSP00011959         42,635           Washington University         Pass-Through         93.853         UFDSP00012212         99,746           Washington University         Pass-Through         93.853         WU-19-127         19,671	Los Angeles Biomedical Research								
University of Plorida         Pass-Through         93.853         SUB # UFDSP0011959         42.835           Pass-Through         Pass-Through         93.851         UFDSP0012212         99.766           Washington University         Pass-Through         93.853         WU-19-127         19.671	Michigan State University								
Washington University         Pass-Through         93.853         WU-19-127         19,671	University of Florida	Pass-Through	93.853	SUB # UFDSP00011959	42,635				
Total for CFDA Number 93.853 311,253	Washington University	Pass-Through	93.853	WU-19-127	19,671				
	Total for CFDA Number 93.853				311,253				

Schedule of Expenditures of Federal Awards

	Payment	CDFA		FY2019	Awards Passed Through to	Subtotal	Subtotal	Subtotal By Cluster/ Other
Grant/Program Title Pass-Through Entity	Source	Number	Award Number	Expenditures	Subrecipients	By Program	By Agency	Programs
Casterbridge Pharmaceuticals Inc	Pass-Through Pass-Through	93.855 93.855	ERS #21367 ERS #41364	\$ 62,377 25,268				
Fred Hutchinson Cancer Research Center	Pass-Through	93.855	SUB #0000924819	1,519				
George Washington University	Pass-Through	93.855	16-S06	28,518				
Johns Hopkins University Mediomics LLC	Pass-Through Pass-Through	93.855 93.855	PTCL 01 ERS# 40709	32,973 7,718				
Mediomics LLC	Pass-Through Pass-Through	93.855	ERS# 40709 ERS# 40960	14.106				
Northeastern University	Pass-Through	93.855	500535-78050	(832)				
	Pass-Through	93.855	500599	67,050				
Pennsylvania State University University of Oklahoma	Pass-Through Pass-Through	93.855 93.855	#5231-SLU-DHHS-5818 AMD #1, SUB #2018-27	23,023 218.828				
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 Pass-Through	93.855 93.855	33442SUB52789 WU-14-358-MOD1	45,278 8,562				
vvasnington University	Pass-Through Pass-Through	93.855	WU-16-324-MOD-3	90,221				
Total for CFDA Number 93.855	r doo miodigin	00.000		823,433				
Recents 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 Washington University	Pass-Through Pass-Through	93.865 93.865	GB10318 PO#2113030 WU-19-335; PO	84,638 1,356				
washington University	Pass-Through Pass-Through	93.865	WU-19-335; PO WU-19-339; PO	1,356				
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 University of California	Pass-Through Pass-Through	93.866 93.866	SUB# BW29-SLU-6 64946772	67,100 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				
University of Discharge	Pass-Through Pass-Through	93.867 93.867	JAEB-PEDIG 1XT1 SUB # 0054645 (129454-1), AMD2	275 115,963				
University of Pittsburgh Total for CFDA Number 93.867	Pass-Through	93.867	SUB # 0054645 (129454-1), AMD2					
Vashington University	Pass-Through	93.918	WU-19-406	130,247 1,442				
Northwestern University	Pass-Through	93.918	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 TRIO-Talent Search	Direct	84.042 84.044	P042A151598 P044A160669	288,024 233,287				
TRIO-Talent Search Ronald E. McNair Postbaccalaureate Achievement Program	Direct	84.044 84.217	P044A160669 P127A170146	233,287 236,305				
Total for TRIO Cluster	Dirote			757.616				757.616
				151,010				101,010

Schedule of Expenditures of Federal Awards

Grant/Program Title Pass-Through Entity	Payment Source	CDFA Number	Award Number	FY2019 Expenditures	Awards Passed Through to Subrecipients	Subtotal By Program	Subtotal By Agency	Subtotal By Cluster/ Other Programs
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 Erwironmental Protection Agency St Louis Community College	Pass-Through Pass-Through	66.815 66.815	320968 320706	39,886 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 Adminstration	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 Sant Louis University Planning Council Support Office City of St Louis	Pass-Through Pass-Through Pass-Through Pass-Through Pass-Through	93.914 93.914 93.914 93.914 93.914 93.914	HD CONTRACT #19-33 321146 HD CONTRACT 18-44 HD CONTRACT #18-39 HD#17-67	94,488 53,647 179,428 185,703 (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 Minnespolis Medical Research Foundation	Pass-Through Pass-Through Pass-Through	93.000 93.000 93.000	AMD2 SUB HHSH25020150009C AMD1 SUB HHSH25020150009C HRSA-SRTR OPTION 2	4,291 1,472 26,595				
Subtotal for Department of Health And Human Services -Pass-Through				32,358				
Total for CFDA Number 93.000						32,358		

Schedule of Expenditures of Federal Awards Year Ended June 30, 2019

Grant/Program Title Pass-Through Entity	Payment Source	CDFA 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 Pass-Through Pass-Through Pass-Through Pass-Through	93.153 93.153 93.153 93.153 93.153 93.153	SUB#WU-19-97, PO#2934302G WU-18-103, PO# 2934772E WU-18-106 WU-18-XX WU-18-XX	\$ 9,130 3,656 5,300 51,581 5,385				
	Pass-Through	93.153	WU-19-82	80,719				
Subtotal for Department of Health And Human Services -Pass-Through				155,772				
Total for CFDA Number 93.153						155,772		
Partmers HealthCare Systems Inc	Pass-Through	93.173	320468	10,511				
Subtotal for Department of Health And Human Services -Pass-Through				10,511				
Total for CFDA Number 93.173						10,511		
University of Iowa	Pass-Through Pass-Through	93.516 93.516	S00588-01 W001024504; 1001949649	67,966 12,084				
Subtotal for Department of Health And Human Services -Pass-Through				80,050				
Total for CFDA Number 93.516						80,050		
Missouri Department of Health & Senior Services	Pass-Through Pass-Through	93.758 93.758	DH160017001, AMEND 02 DH190039001	1,303 7,109				
Subtotal for Department of Health And Human Services -Pass-Through				8,412				
Total for CFDA Number 93.758						8,412		
Washington University	Pass-Through Pass-Through	93.918 93.918	WU-18-418 WU-19-406	12,233 15,232				
Subtotal for Department of Health And Human Services -Pass-Through				27,465				
Total for CFDA Number 93.918						27,465		
Missouri Department of Health & Senior Services	Pass-Through Pass-Through	93.919 93.919	ERS16118072 ERS16119079	2,712 7,921				
Subtotal for Department of Health And Human Services -Pass-Through				10,633				
Total for CFDA Number 93.919						10,633		
Hennepin Healthcare Research Institute Missouri Department of Health & Senior Services	Pass-Through Pass-Through	93.994 93.994	HRSA-SRTR CS171489002	92,579 (98)				
Subtotal for Department of Health And Human Services -Pass-Through				92,481				
Total for CFDA Number 93.994						92,481		
AT Still University of Health Science	Pass-Through Pass-Through Pass-Through	93.107 93.107 93.107	321-375 322-375 ERS18619001	10,054 32,774 43,591				
Subtotal for Department of Health And Human Services -Pass-Through				86.419				
Total for CFDA Number 93.107				00,110		86,419		
Curators of the University of Missouri	Pass-Through	93.243	C00060570-1	9,223		00,410		
Subtotal for Department of Health And Human Services -Pass-Through	. abb milough	00.210		9,223				
Total for CFDA Number 93.243				0,220		9,223		
Total for Department of Health and Human Services					563,751	3,223	2,722,292	
							2,122,232	2,781,893
•								\$ 172,604,694
Total Other Programs Grand Total					563,751 \$3,665,876			

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

### 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:

	CFDA number		Outstanding balance
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

# 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:

	CFDA number	_	Loans disbursed
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		17,711
Total – Student Financial Assistance Cluster			
Loans Disbursed		\$	361,258

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.

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