
Wayne State University

**Federal Awards
Supplemental Information
September 30, 2019**

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

Independent Auditor's Report

To the Board of Governors
Wayne State University

We have audited the financial statements of the business-type activities and the discretely presented component unit of Wayne State University (the "University") as of and for the year ended September 30, 2019 and the related notes to the financial statements, which collectively comprise Wayne State University's basic financial statements. We issued our report thereon dated February 13, 2020, which contained unmodified opinions on those basic financial statements of the University. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to February 13, 2020.

The accompanying schedule of expenditures of federal awards is presented for the purpose of additional analysis, as required by the Uniform Guidance, and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements as a whole.

Plante & Moran, PLLC

February 13, 2020

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*

Independent Auditor's Report

To Management and the Board of Governors
Wayne State University

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities and the discretely presented component unit of Wayne State University (the "University") as of and for the year ended September 30, 2019 and the related notes to the financial statements, which collectively comprise Wayne State University's basic financial statements, and have issued our report thereon dated February 13, 2020.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the 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 opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the 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 University'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 the University's 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*.

To Management and the Board of Governors
Wayne State University

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 University's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Plante & Moran, PLLC

February 13, 2020

Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance Required
by the Uniform Guidance

Independent Auditor's Report

To the Board of Governors
Wayne State University

Report on Compliance for Each Major Federal Program

We have audited Wayne State University's (the "University") compliance with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Compliance Supplement that could have a direct and material effect on each of the University's major federal programs for the year ended September 30, 2019. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

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

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the 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* (the "Uniform Guidance"). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the 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 the University's compliance.

Opinion on Each Major Federal Program

In our opinion, the 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 the major federal programs for the year ended September 30, 2019.

Report on Internal Control Over Compliance

Management of the 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 the 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 the University's internal control over compliance.

To the Board of Governors
Wayne State University

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies, and, therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we identified a certain deficiency in internal control over compliance, as described in the accompanying schedule of findings and questioned costs as Finding 2019-001, that we consider to be a significant deficiency.

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

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

Plante & Moran, PLLC

February 13, 2020

Wayne State University

Schedule of Expenditures of Federal Awards

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster:				
Department of Agriculture:				
USDA AP19PPQS&T00C167	Direct	10.025	\$ -	\$ 16,429
NIFA 2016 70001-24639	Direct	10.326	6,626	97,780
NIFA 2018-70001-28938	Direct	10.326	11,016	65,336
NIFA 2018-70001-28938 Univ West Virginia	Direct	10.326	13,155	20,259
Michigan State University RC104605	Pass Through	10.310	-	12,629
Total Department of Agriculture			30,797	212,433
Department of Commerce:				
University of Michigan 3004897532	Pass Through	11.417	-	24,943
MIT PO#700034245	Pass Through	11.609	-	53,505
Total Department of Commerce			-	78,448
Department of Defense:				
USAMRAA W81XWH-12-2-0036	Direct	12.116	-	343,057
USAMRAA W81XWH-13-1-0477	Direct	12.420	-	4,239
USAMRAA W81XWH-14-1-0597	Direct	12.420	-	71,893
USAMRAA W81XWH-15-1-0226	Direct	12.420	-	81,507
USAMRAA W81XWH-12-1-0340	Direct	12.420	228	23,402
USAMRAA W81XWH-15-1-0357	Direct	12.420	-	383,530
USAMRAA W81XWH-15-1-0171	Direct	12.420	-	198,617
USAMRAA W81XWH-15-1-0468	Direct	12.420	-	11
USAMRAA W81XWH-16-1-0046	Direct	12.420	-	81,055
USAMRAA W81XWH-16-1-0045	Direct	12.420	19,366	87,703
USAMRAA W81XWH-16-1-0102	Direct	12.420	-	245,762
USAMRAA W81XWH-16-10516	Direct	12.420	-	479,181
USAMRRA W81XWH-16-1-0175	Direct	12.420	488,093	1,214,510
USSMRAA W81XWH-16-1-0436	Direct	12.420	-	717,859
USAMRAA W81XWH-17-1-0114	Direct	12.420	17,581	190,365
USAMRAA W81XWH-17-1-0242	Direct	12.420	-	386,127
USAMRAA W81XWH-17-2-0022	Direct	12.420	-	393,485
USAMRRA W81XWH-17-1-0337	Direct	12.420	-	103,761
USAMRRA W81XWH-17-1-0338	Direct	12.420	-	86,312
USAMRAA W81XWH-17-1-0172	Direct	12.420	-	410,127
USAMRAA W81XWH-18-1-0426	Direct	12.420	85,992	152,101
USAMRAA W81XWH-18-1-0471	Direct	12.420	-	146,349
USAMRAA W81XWH-18-1-0039	Direct	12.420	16,215	162,862
USAMRRA W81XWH-18-1-0791	Direct	12.420	-	18,347
USAMRRA W81XWH-18-1-0791 Oregon Health	Direct	12.420	57,344	63,844
USAMRAA W81XWH-15-1-0271	Direct	12.420	-	159,157
USAMRAA W81XWH-19-1-0380	Direct	12.420	-	24,668
USAMRAA W81XWH-19-1-0368	Direct	12.420	-	3,458
US Army W911NF-12-1-0598	Direct	12.431	-	16,054
US Army W911NF-15-1-0218	Direct	12.431	-	1,691
US Army W911NF-18-2-0042	Direct	12.431	-	48,262
US Army W911NF-19-1-0176	Direct	12.431	-	49,672
US Army W911NF-19-1-0176	Direct	12.431	-	19,795
USAF FA9550-16-1-0178	Direct	12.800	-	36,369
USAF FA9550-19-1-0231	Direct	12.800	-	92,465
USAF FA9550-19-1-0059	Direct	12.800	-	40,101
Navy N6264518C4011 Contract	Direct	12.RD	-	83,439
RFSUNY #R1130057	Pass Through	12.300	-	21,871
DCS Corporation 181720	Pass Through	12.420	-	1,411
Vanderbilt Univ Med Ctr VUMC66229	Pass Through	12.420	-	330,493
Duke University 3130895	Pass Through	12.420	-	113,357

See notes to schedule of expenditures of federal awards.

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Defense (continued):				
Henry Ford Health System B700096	Pass Through	12.420	\$ -	\$ 10,552
UCSD 107691952 S9002069	Pass Through	12.800	-	58,170
UCSD 107691952 S9002069 SubK	Pass Through	12.800	-	29,682
University of Michigan 3003058760	Pass Through	12.910	-	43,345
University of Michigan 3003058760 Proj 4.31	Pass Through	12.910	-	81,618
University of Michigan 3003058760 Proj 4.30	Pass Through	12.910	-	83,103
NYU #F7315-03 IB00214728	Pass Through	12.910	-	52,671
University of Michigan 3005466535	Pass Through	12.910	-	25,741
University of Michigan 3005489988	Pass Through	12.910	-	8,660
University of Michigan 3005570225	Pass Through	12.910	-	32,153
Johns Hopkins University 115231	Pass Through	12.RD	-	675
Applied Nanotech PO#46852	Pass Through	12.RD	21,826	64,126
University of Michigan 3004451556	Pass Through	12.RD	-	33,612
Detroit Engineered Products W56HZV-17-C-0094	Pass Through	12.RD	-	120,103
Johns Hopkins University W911QX-17-D-0006	Pass Through	12.RD	-	474,030
Stevens Institute of Technology 2102876-06	Pass Through	12.RD	-	52,405
Brookhaven Science Associates 0000352798	Pass Through	12.RD	-	20,000
Stevens Institute of Technology 2102929	Pass Through	12.RD	-	16,323
Total Department of Defense			706,645	8,295,238
Department of Housing and Urban Development - Michigan State University RC107850	Pass Through	14.267	-	453
Department of Interior:				
BLM L15AC00164 Project 15-1-07-15 A	Direct	15.232	-	108,485
Bureau of Reclamation R13AC30016	Direct	15.517	13,587	99,528
Bureau of Reclamation R16AP00174	Direct	15.517	-	104,956
Bureau of Reclamation R14AC00004	Direct	15.538	35,674	97,542
US Fish & Wildlife F17AC00176	Direct	15.658	-	30,467
USGS G15AC00035 2019	Direct	15.808	-	53,599
USGS G15AC00035 2020	Direct	15.808	-	122,427
Total Department of Interior			49,261	617,004
Department of Justice:				
DOJ 2014-MU-CX-001	Direct	16.560	-	743
DOJ 2017-R2-CX-0045	Direct	16.560	-	262,507
Rutgers University 0064 PO#507382	Pass Through	16.560	-	7,522
Total Department of Justice			-	270,772
Department of Transportation:				
FHA 693JJ31750007 2016	Direct	20.215	-	161,015
AECOM 60515954 PO#83586	Pass Through	20.200	-	2,228
AECOM 60530612 PO#86645	Pass Through	20.200	-	15,470
MDOT 2016-0070 Z3	Pass Through	20.505	-	62,939
MDOT 2016-0070 Z5	Pass Through	20.505	93,396	157,001
MDOT 2016-0070 Z6	Pass Through	20.505	-	29,844
MDOT 2016-0070 Z7	Pass Through	20.505	-	77,837
Western Michigan University 17-7/8823-WSU-1	Pass Through	20.701	-	9,024
Total Department of Transportation			93,396	515,358
Office of Personnel Management:				
VAMC IPA A. Harutyanyan	Direct	27.011	-	31,213
VAMC IPA Amanda Bolton-Hall	Direct	27.011	-	(672)
VAMC IPA Anthony Cacace	Direct	27.011	-	1,184

See notes to schedule of expenditures of federal awards.

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Office of Personnel Management (continued):				
VAMC IPA Bo Hu	Direct	27.011	\$ -	\$ 43,101
VAMC IPA Brandy Schneider	Direct	27.011	-	14,107
VAMC IPA Branislava Zagorac	Direct	27.011	-	20,773
VAMC IPA Branislava Zagorac	Direct	27.011	-	26,679
VAMC IPA Changya Peng	Direct	27.011	-	49,603
VAMC IPA Chen Liang	Direct	27.011	-	60,744
VAMC IPA D. Moiseev	Direct	27.011	-	43,537
VAMC IPA Dina Francescutti	Direct	27.011	-	76,391
VAMC IPA Dragana Komnenov	Direct	27.011	-	27,663
VAMC IPA Dragana Komnenov	Direct	27.011	-	55,640
VAMC IPA E. Kruppe	Direct	27.011	-	309
VAMC IPA Fayi Yao	Direct	27.011	-	3,239
VAMC IPA Geoffrey Ginter	Direct	27.011	-	720
VAMC IPA Gino Panza	Direct	27.011	-	56,495
VAMC IPA Harvinder Talwar	Direct	27.011	-	13,656
VAMC IPA J. Venkatesh	Direct	27.011	-	46,521
VAMC IPA James Warila	Direct	27.011	-	365
VAMC IPA Janet Wolforth	Direct	27.011	-	43,504
VAMC IPA Kelly Bosse	Direct	27.011	-	28,815
VAMC IPA Kelsey Arvai	Direct	27.011	-	53,516
VAMC IPA Krystal Bakkila	Direct	27.011	-	28,273
VAMC IPA Lauren Chaby	Direct	27.011	-	68,550
VAMC IPA Li Tao	Direct	27.011	-	14,611
VAMC IPA Li Tian	Direct	27.011	-	5,290
VAMC IPA Longfei Guan	Direct	27.011	-	53,934
VAMC IPA Lulu Farhana	Direct	27.011	-	8,620
VAMC IPA Mallika Somayajulu	Direct	27.011	-	39,205
VAMC IPA Mansour, Wafee	Direct	27.011	-	521
VAMC IPA Mariana Angoa Perez	Direct	27.011	-	70,556
VAMC IPA Mehdi Eshraghi	Direct	27.011	-	69,218
VAMC IPA Min Wu	Direct	27.011	-	68,058
VAMC IPA Ming Shuo Chen	Direct	27.011	-	30,144
VAMC IPA Nawar Aljundi	Direct	27.011	-	766
VAMC IPA Pershang Farshi	Direct	27.011	-	33,584
VAMC IPA Peter Levanovich	Direct	27.011	-	40,268
VAMC IPA Raichel Alex	Direct	27.011	-	51,054
VAMC IPA Rajib Barua	Direct	27.011	-	17,552
VAMC IPA Raquael Williams	Direct	27.011	-	18,394
VAMC IPA Rodney Braun	Direct	27.011	-	17,753
VAMC IPA Ruchi Rastogi	Direct	27.011	-	67,787
VAMC IPA S. Kallakuri	Direct	27.011	-	32,647
VAMC IPA S. Sau	Direct	27.011	-	31,140
VAMC IPA S. Kioussis	Direct	27.011	-	35,264
VAMC IPA Scott Alan Mares	Direct	27.011	-	66,458
VAMC IPA Scott Lloyd	Direct	27.011	-	26,684
VAMC IPA Sean Carroll	Direct	27.011	-	64,366
VAMC IPA Sichao Guo	Direct	27.011	-	50,629
VAMC IPA Sreeja Sekhar	Direct	27.011	-	20,295
VAMC IPA Suhadinie Ga	Direct	27.011	-	29,754
VAMC IPA Tong Shi	Direct	27.011	-	45,936
VAMC IPA Toni Azar	Direct	27.011	-	14,547
VAMC IPA V. Thamilselvan	Direct	27.011	-	63,095
VAMC IPA Veronica Piggott(Chiu)	Direct	27.011	-	21,096
VAMC IPA Wharram	Direct	27.011	-	23,428
VAMC IPA Xin Jin	Direct	27.011	-	(39,781)

See notes to schedule of expenditures
of federal awards.

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Office of Personnel Management (continued):				
VAMC IPA Yanni Zhuang	Direct	27.011	\$ -	\$ 30,128
Total Office of Personnel Management			-	1,916,927
National Aeronautics and Space Administration:				
NASA NNX17AB66G	Direct	43.001	-	487
NASA 80NSSC19K0150	Direct	43.001	-	28,254
Arizona State University 17212 NNX17AF70G	Pass Through	43.001	-	144,508
Space Telescope Science HST-GO-14121.001	Pass Through	43.RD	-	4,281
Space Telescope Science HST-GO-15413.001	Pass Through	43.RD	-	37,757
Total National Aeronautics and Space Administration			-	215,287
National Endowment for the Arts and Humanities:				
NEA-1856087-38-19	Direct	45.024	-	2,532
NEH RZ-51674-14	Direct	45.161	-	34,307
Total National Endowment for the Arts and Humanities			-	36,839
National Science Foundation:				
NSF CBET-1236764	Direct	47.041	-	2,815
NSF CBET-1350623	Direct	47.041	-	83,941
NSF CBET-1350623	Direct	47.041	-	7,937
NSF CBET-1350623	Direct	47.041	-	4,000
NSF CBET-1434696	Direct	47.041	-	3,256
NSF CBET-1436193	Direct	47.041	-	79,241
NSF CBET-1512544	Direct	47.041	-	67,609
NSF CBET-1604756	Direct	47.041	-	115,432
NSF CBET-1642400	Direct	47.041	-	12,482
NSF CBET-1642400	Direct	47.041	-	(10,363)
NSF CBET-1748363	Direct	47.041	-	48,763
NSF CBET-1750607	Direct	47.041	-	74,192
NSF CBET-1751472	Direct	47.041	-	57,521
NSF CBET-1839675	Direct	47.041	-	43,285
NSF CBET-1903329	Direct	47.041	-	37,599
NSF CBET-1903329 Sub	Direct	47.041	-	1,200
NSF CBET-1926983	Direct	47.041	-	3,840
NSF CBET-1926983	Direct	47.041	-	4,000
NSF CMMI-1404276	Direct	47.041	-	394
NSF CMMI-1761418	Direct	47.041	-	42,045
NSF CMMI-1761418	Direct	47.041	-	6,024
NSF CMMI-1832692	Direct	47.041	-	141,500
NSF CMMI-1832692	Direct	47.041	-	40,030
NSF CMMI-1832692	Direct	47.041	-	47,783
NSF CMMI-1914436	Direct	47.041	-	2,286
NSF ECCS-1232226	Direct	47.041	-	225
NSF ECCS-1507096	Direct	47.041	-	33,346
NSF ECCS-1507096	Direct	47.041	-	36,094
NSF ECCS-1507096	Direct	47.041	-	35,009
NSF ECCS-1508910	Direct	47.041	-	5,940
NSF ECCS-1849578	Direct	47.041	-	501,200
NSF EEC-1461031	Direct	47.041	-	9,144
NSF EEC-1461031 Huang Part. Supp.	Direct	47.041	-	(706)
NSF EEC-1461031 Huang Sub	Direct	47.041	-	815
NSF EEC-1461031 Rickli Part. Supp.	Direct	47.041	-	(2,706)
NSF IIP-1338780	Direct	47.041	-	40,855
NSF IIP-1338780	Direct	47.041	-	27
NSF IIP-1338780	Direct	47.041	-	36,316

See notes to schedule of expenditures of federal awards.

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
National Science Foundation (continued):				
NSF IIP-1500253	Direct	47.041	\$ -	\$ 13,727
NSF IIP-1500253	Direct	47.041	-	2,386
NSF IIP-1500253	Direct	47.041	-	15,739
NSF IIP-1500253	Direct	47.041	-	34,034
NSF IIP-1925692	Direct	47.041	-	10,871
NSF AST-1351222	Direct	47.049	-	84,494
NSF CHE-1349048	Direct	47.049	-	94,928
NSF CHE-1361741	Direct	47.049	-	153
NSF CHE-1404285	Direct	47.049	-	153,108
NSF CHE-1464450	Direct	47.049	-	33,753
NSF CHE-1500201	Direct	47.049	-	99,191
NSF CHE-1554752	Direct	47.049	-	270,902
NSF CHE-1564755	Direct	47.049	-	98,547
NSF CHE-1607973	Direct	47.049	-	74,169
NSF CHE-1665331	Direct	47.049	-	172,010
NSF CHE-1709776	Direct	47.049	-	173,562
NSF CHE-1709789	Direct	47.049	-	162,702
NSF CHE-1836308	Direct	47.049	-	87,518
NSF CHE-1855681	Direct	47.049	-	11,411
NSF CHE-1856437	Direct	47.049	-	28,901
NSF CHE-1904584	Direct	47.049	-	6,285
NSF CHE-1904775	Direct	47.049	-	19,988
NSF CHE-1904780	Direct	47.049	-	6,284
NSF DMR-1410302	Direct	47.049	-	7,329
NSF DMR-1410853	Direct	47.049	-	1,061
NSF DMR-1606917	Direct	47.049	-	43,564
NSF DMR-1609625	Direct	47.049	-	64,574
NSF DMR-1609625	Direct	47.049	-	1,950
NSF DMR-1652316	Direct	47.049	-	106,215
NSF DMR-1743041	Direct	47.049	-	56,512
NSF DMR-1809229	Direct	47.049	-	42,605
NSF DMR-1809229	Direct	47.049	-	2,448
NSF DMS-1207667	Direct	47.049	-	(6,743)
NSF DMS-1207667	Direct	47.049	-	6,088
NSF DMS-1512846	Direct	47.049	-	61,759
NSF DMS-1606290	Direct	47.049	-	51,726
NSF DMS-1710827	Direct	47.049	-	129,450
NSF DMS-1808978	Direct	47.049	-	44,885
NSF DMS-1819041	Direct	47.049	-	11,621
NSF PHY-1460853	Direct	47.049	-	(357)
NSF PHY-1460853 Participant support	Direct	47.049	-	2,300
NSF EAR-1454829	Direct	47.050	-	54,861
NSF EAR-1755722	Direct	47.050	-	4,287
NSF OCE-1923014	Direct	47.050	-	29,177
NSF PLR-1434578	Direct	47.050	-	27,925
NSF PLR-1434578	Direct	47.050	-	8,803
NSF ACI-1550300	Direct	47.070	-	321,087
NSF ACI-1550300	Direct	47.070	-	12,277
NSF ACI-1550300 Additional funding	Direct	47.070	2,890	3,642
NSF ACI-1642406	Direct	47.070	-	189,788
NSF ACI-1657364	Direct	47.070	-	59,614
NSF CCF-1561216	Direct	47.070	-	62,318
NSF CCF-1563728	Direct	47.070	-	49,046
NSF CFF-1850475	Direct	47.070	-	25,819

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Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
National Science Foundation (continued):				
NSF CNS-1618185	Direct	47.070	\$ -	\$ 49,293
NSF CNS-1624177	Direct	47.070	-	6,328
NSF CNS-1637312	Direct	47.070	-	45,661
NSF CNS-1637312	Direct	47.070	-	100
NSF CNS-1741635	Direct	47.070	-	6,284
NSF CNS-1836629	Direct	47.070	-	75,800
NSF CNS-1836629	Direct	47.070	-	45,514
NSF IIS-1554264	Direct	47.070	-	3,000
NSF IIS-17224227	Direct	47.070	-	194,299
NSF IIS-1816511	Direct	47.070	-	44,204
NSF OAC-1835713	Direct	47.070	-	12,415
NSF OAC-1845962	Direct	47.070	-	31,975
NSF OAC-1925467	Direct	47.070	-	303,374
NSF DEB-1354063	Direct	47.074	-	2,578
NSF IOS-1651921	Direct	47.074	-	116,224
NSF IOS-1838291	Direct	47.074	-	85,249
NSF MCB-1453579	Direct	47.074	-	92,298
NSF MCB-1453579	Direct	47.074	-	9,640
NSF SES-1353255	Direct	47.075	-	45,876
NSF SES-1763218	Direct	47.075	-	26,706
NSF SES-1845977	Direct	47.075	-	613
NSF SES-1845977	Direct	47.075	-	8,311
NSF SES-1904095	Direct	47.075	-	4,093
NSF SMA-1520723	Direct	47.075	37,981	79,979
NSF DGE-1735038	Direct	47.076	30,563	148,351
NSF DGE-1735038	Direct	47.076	-	265,918
NSF DRL-1612400	Direct	47.076	-	81,560
NSF DRL-1612400	Direct	47.076	-	177,969
NSF DRL-1612400 Case Western Univ	Direct	47.076	22,492	24,234
NSF DRL-1612400 Cleveland State	Direct	47.076	159,782	159,782
NSF DRL-1612400 Drexel	Direct	47.076	49,020	58,270
NSF DRL-1612400 Mathematical Policy Research	Direct	47.076	106,060	106,060
NSF DRL-1612400 Mohawk Valley Comm College	Direct	47.076	99,553	108,803
NSF DRL-1614187	Direct	47.076	175,952	302,700
NSF DUE-1431481	Direct	47.076	-	2,727
NSF DUE-1524878	Direct	47.076	-	465,818
NSF DUE-1540819	Direct	47.076	9,962	59,840
NSF DUE-1540819	Direct	47.076	8,258	8,258
NSF DUE-1742486	Direct	47.076	-	53,750
NSF DUE-1742486	Direct	47.076	-	43,992
NSF HRD-1305993	Direct	47.076	-	2,700
NSF OISE-1357887	Direct	47.079	-	8,001
NSF OISE-1357887	Direct	47.079	-	33,711
NSF CMMI-1839521 IPA Agrmnt	Direct	47.RD	-	49,552
Life Magnetics NSF IIP745992	Pass Through	47.041	-	328
MSTM 1556043	Pass Through	47.041	-	8,451
Oakland University Sub 34630	Pass Through	47.041	-	8,982
Ohio State University 60053390	Pass Through	47.041	-	154
Repela Tech NSF iip1843790	Pass Through	47.041	-	22,347
University of Arizona 460466	Pass Through	47.041	-	13,412
University of Wisconsin 193405425	Pass Through	47.041	-	2,717
Ohio State University 60066814	Pass Through	47.049	-	77,444
University of Wisconsin Madison 776K204	Pass Through	47.049	-	81,422
University of Arizona 471714	Pass Through	47.050	-	12,917

Wayne State University

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Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
National Science Foundation (continued):				
University of Michigan 3004648325	Pass Through	47.050	\$ -	\$ 4,770
Carnegie Mellon University 1122188-341621CIF21	Pass Through	47.070	-	(277)
Carnegie Mellon University 1122593-395027	Pass Through	47.070	-	54,375
Iowa State University 4207299A	Pass Through	47.070	-	106,748
RFSUNY 7887	Pass Through	47.070	-	216,545
University of Cincinnati 009886-002	Pass Through	47.070	-	28,437
University of Michigan 3003646556	Pass Through	47.070	-	222,350
University of Cincinnati 012086-002	Pass Through	47.074	-	4,718
Macomb Community College DUE-1801150	Pass Through	47.076	-	43,248
Macomb Community College DUE-1801150	Pass Through	47.076	-	3,129
Macomb Community College DUE-1902369	Pass Through	47.076	-	24,123
Macomb Community College NSF 1400593	Pass Through	47.076	-	1,457
Macomb Community College NSF 1400593	Pass Through	47.076	-	3,366
Oakland Community College 17001	Pass Through	47.076	-	32,021
Oakland Community College 17001	Pass Through	47.076	-	7,430
University of Michigan 3004280409	Pass Through	47.076	-	57,773
University of Michigan 3004280409	Pass Through	47.076	-	19,235
Washtenaw Community College 1601261	Pass Through	47.076	-	11,570
CGS-Understanding PhD Career	Pass Through	47.RD	-	11,733
CGS-Understanding PhD Career	Pass Through	47.RD	-	521
Total National Science Foundation			702,513	9,275,921
Environmental Protection Agency:				
EPA 83929501	Direct	66.516	-	1,174
EPA 83929501 sub	Direct	66.516	-	(172)
Total Environmental Protection Agency			-	1,002
U.S. Department of Energy:				
USDOE DE SC00014347	Direct	81.049	-	147,071
USDOE DE-EE0008236	Direct	81.086	-	92,741
USDOE DE-FE0031565	Direct	81.089	34,675	274,260
USDOE DE-FG02-92ER40713	Direct	81.049	-	791,787
USDOE DE-SC00013460	Direct	81.049	-	207,886
USDOE DE-SC0007983	Direct	81.049	-	59,080
USDOE DE-SC0007983	Direct	81.049	-	135,285
USDOE DE-SC0007983	Direct	81.049	-	172,509
USDOE DE-SC0012628	Direct	81.049	111,491	387,615
USDOE DE-SC0012628 Univ of California	Direct	81.049	170,030	170,030
University of Tennessee Alice Proj A16-0384S003	Pass Through	81.049	-	30,031
University of Tennessee Alice Proj A16-0384S003	Pass Through	81.049	-	899,621
Advanced Pwdr Solutions PO#2868	Pass Through	81.RD	-	139,312
Alliance for Sustainable Energy NREL AGZ-9-92105-01	Pass Through	81.RD	-	65,088
Battelle Energy #199903	Pass Through	81.RD	-	101,368
Battelle Energy #221610	Pass Through	81.RD	-	1,171
Brookhaven Science Associates 364573	Pass Through	81.RD	-	13,389
Fermi National Accelerator 655085	Pass Through	81.RD	-	3,724
Stanford University 189028	Pass Through	81.RD	-	8,477
UTBatalle 400166418	Pass Through	81.RD	-	29,845
Total U.S. Department of Energy			316,196	3,730,290
Department of Health and Human Services:				
FDA R01 FD004793	Direct	93.103	-	62,795
NIH F31 ES030278-01	Direct	93.113	-	30,379
NIH K01 ES028750-01	Direct	93.113	-	135,994

See notes to schedule of expenditures of federal awards.

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Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH P30 ES020957-04	Direct	93.113	\$ -	\$ (2,921)
NIH P30 ES020957-04 CAREER	Direct	93.113	-	878
NIH P30 ES020957-04 COEC	Direct	93.113	-	(332)
NIH P30 ES020957-04 ESFC	Direct	93.113	-	(1,721)
NIH P30 ES020957-04 IHSFC	Direct	93.113	-	1,678
NIH P30 ES020957-04 PILOT	Direct	93.113	-	17,798
NIH P30 ES020957-04 PILOT	Direct	93.113	-	(6,896)
NIH P30 ES020957-04 PILOT	Direct	93.113	-	(3,202)
NIH P30 ES020957-04 Supplement	Direct	93.113	-	(373)
NIH P30 ES020957-05	Direct	93.113	32,101	171,194
NIH P30 ES020957-05 COEC	Direct	93.113	-	142,618
NIH P30 ES020957-05 Henry Ford Health System	Direct	93.113	29,959	29,959
NIH P30 ES020957-05 IHSFC	Direct	93.113	-	81,577
NIH P30 ES020957-05 PILOT	Direct	93.113	-	139,832
NIH P30 ES020957-05 PILOT	Direct	93.113	-	24,268
NIH P30 ES020957-05 PILOT	Direct	93.113	-	(10,040)
NIH P30 ES020957-05 PILOT	Direct	93.113	-	1,906
NIH P30 ES020957-05 PILOT	Direct	93.113	-	(131)
NIH P30 ES020957-05 PILOT	Direct	93.113	-	16,405
NIH P30 ES020957-05 PILOT	Direct	93.113	-	30,000
NIH P30 ES020957-05 PILOT	Direct	93.113	-	28,430
NIH P30 ES020957-05 PILOT	Direct	93.113	-	10,000
NIH P30 ES020957-05 Univ of Detroit Mercy	Direct	93.113	23,163	35,671
NIH P30 ES020957-06	Direct	93.113	9,332	144,157
NIH P30 ES020957-06 COEC	Direct	93.113	-	99,903
NIH P30 ES020957-06 IHSFC	Direct	93.113	-	54,509
NIH P30 ES020957-06 PILOT	Direct	93.113	-	12,267
NIH P30 ES020957-06 PILOT	Direct	93.113	-	1,831
NIH P30 ES020957-06 PILOT	Direct	93.113	-	980
NIH P30 ES020957-06 PILOT	Direct	93.113	-	12,358
NIH P30 ES020957-06 PILOT	Direct	93.113	-	549
NIH P30 ES020957-06 Univ of Detroit Mercy	Direct	93.113	3,776	3,776
NIH P30 ES02957-05 ESFC	Direct	93.113	-	157,808
NIH P30 ES02957-06 ESFC	Direct	93.113	-	79,497
NIH R00 ES028734-02	Direct	93.113	-	2,318
NIH R01 ES020137-05	Direct	93.113	-	26,933
NIH R01 ES022606-05 Univ of Pittsburgh	Direct	93.113	6,374	6,374
NIH R01 ES022606A-05	Direct	93.113	8,166	118,830
NIH R01 ES028335-01	Direct	93.113	-	131,016
NIH R01 ES029484-02	Direct	93.113	-	463,566
NIH R01 ES28263-03	Direct	93.113	-	612,008
NIH R56 ES027500-01	Direct	93.113	-	48,508
CDC U01 CE002843 002843CE16 2018	Direct	93.136	4,242	10,430
CDC U01 CE002843 002843CE16 2019	Direct	93.136	22,382	434,349
NIH R01 DC013275-03	Direct	93.173	-	317,459
NIH R03 DC015329-03	Direct	93.173	9,404	84,505
NIH R01 AT007566-05	Direct	93.213	107,979	172,493
AHRQ R01 HS022955	Direct	93.226	-	107,364
AHRQ P30 HS021641-05 (UNMex)	Direct	93.226	-	9,705
AHRQ R21 HS024750-01	Direct	93.226	-	16,495
AHRQ R21 HS024750-01 SubK	Direct	93.226	-	3,042
NIH R21 HL140447-01	Direct	93.233	33,110	114,582
NIH R56 HL142757-01	Direct	93.233	-	153,331
NIH R01 HL142757-01	Direct	93.233	-	34,265

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Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH 5 R34 MH103049-03	Direct	93.242	\$ -	\$ 55,027
NIH 5 R34 MH108442-04	Direct	93.242	-	190,661
NIH 5 R34 MH108442-04 CHoP	Direct	93.242	10,873	10,873
NIH 5 R34 MH108442-04 CNMC	Direct	93.242	-	31
NIH 5 R34 MH108442-04 Colorado	Direct	93.242	8,394	8,394
NIH 5 R34 MH108442-04 Johns Hopkins	Direct	93.242	52,803	66,303
NIH 5 R34 MH108442-04 Univ of Miami	Direct	93.242	77,019	77,019
NIH F31 MH120927-01	Direct	93.242	-	5,242
NIH K01 MH101123-05	Direct	93.242	-	55,412
NIH K01 MH110600-01	Direct	93.242	-	119,176
NIH K01 MH119241A-01	Direct	93.242	-	17,613
NIH R01 MH043985-28	Direct	93.242	-	9,326
NIH R01 MH059299-19	Direct	93.242	-	223,032
NIH R01 MH107512-04	Direct	93.242	20,813	426,235
NIH R01 MH110793-01	Direct	93.242	-	222
NIH R01 MH110793-01	Direct	93.242	-	11,943
NIH R01 MH111177-04	Direct	93.242	-	687,018
NIH R21 MH116280-01	Direct	93.242	-	155,836
NIH R61 MH111935-02	Direct	93.242	-	458,839
NIH R61 MH111935-02 Univ of Illinois	Direct	93.242	87,912	87,912
SAMHSA H79 SM080101-01	Direct	93.243	-	2,225
SAMHSA H79 SM080101-02	Direct	93.243	-	101,878
NIH 5 R01 AA025905-03	Direct	93.273	-	252,615
NIH K01 AA024500-02	Direct	93.273	-	133,417
NIH R01 AA023503-03 Child Hospital Boston	Direct	93.273	10,306	10,306
NIH R01 AA023503-03 Univ of Capetown	Direct	93.273	48,973	48,973
NIH R01 AA023503-05 Child Hospital Boston	Direct	93.273	95,116	95,116
NIH R01 AA023503-05 Univ of Capetown	Direct	93.273	70,544	70,544
NIH R01 AA025905-03 Colombia	Direct	93.273	34,208	44,183
NIH R01 AA025905-03 Emory	Direct	93.273	38,770	38,770
NIH R01 AA025905-03 Harvard	Direct	93.273	107,599	121,099
NIH R01 AA025905-03 Seattle CH	Direct	93.273	16,374	25,216
NIH R01 AA025905-03 Univ of Tech Sydney	Direct	93.273	25,336	25,336
NIH R01 AA025905-03 Univ of Waterloo	Direct	93.273	36,331	49,831
NIH R01 AA025905-03 Univ Pitts	Direct	93.273	37,221	48,150
NIH R01 AA203503-03	Direct	93.273	-	3,531
NIH R01 AA203503-05	Direct	93.273	-	69,606
NIH R21 AA02366-02	Direct	93.273	-	9,070
NIH R21 AA024055-02	Direct	93.273	-	(2,936)
NIH R01 DA015462-12	Direct	93.279	393,373	598,459
NIH R01 DA034537-04	Direct	93.279	-	154,868
NIH R01 DA034783-04	Direct	93.279	-	26,778
NIH R01 DA042057-02S	Direct	93.279	-	6,540
NIH R01 DA042057-03	Direct	93.279	-	194,778
NIH R01 DA042057-03	Direct	93.279	-	432,510
NIH R21 DA040150-02	Direct	93.279	-	138,488
NIH R21 DA040770-02	Direct	93.279	-	66,950
NIH R21 DA044946-02	Direct	93.279	-	166,201
NIH R21 DA047662-01	Direct	93.279	-	66,645
NIH R01 EB013663-03	Direct	93.286	-	167,594
NIH R01 EB013663-03S1	Direct	93.286	-	30
NIH R01 EB026453-02	Direct	93.286	-	201,849
NIH R01 EB026453-02 Baylor Coll of Med	Direct	93.286	375,087	388,587
NIH R01 EB027103-01	Direct	93.286	-	24,931
NIH R01 EB027769-01	Direct	93.286	-	37,975

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Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH R25 EEB014772-05	Direct	93.286	\$ -	\$ 30,389
NIH R15 MD011465-01	Direct	93.307	21,475	90,159
NIH R15 MD011465-01 Ohio State Univ	Direct	93.307	19,493	19,493
NIH R21 MD011766-02	Direct	93.307	30,041	155,340
NIH DP2 CA196375-01	Direct	93.310	-	502,784
NIH DP7 OD018427-05	Direct	93.310	-	82,854
NIH U01 GM120293-03	Direct	93.310	-	(36,105)
NIH U01 GM120293-04	Direct	93.310	-	619,524
NIH U01 GM120293-05	Direct	93.310	-	318,350
NIH U01 GM125271-02	Direct	93.310	-	398,600
NIH U01 GM125271-02 Univ of Toledo	Direct	93.310	323,014	323,014
NIH S10 OD025170-01	Direct	93.351	-	600,000
NIH R01 NR015768-01	Direct	93.361	35,789	319,837
NIH R01 NR015768-01 Henry Ford Health System	Direct	93.361	64,505	64,505
NIH R01 NR017626-02	Direct	93.361	30,291	263,227
NIH R01 NR017626-02	Direct	93.361	47,269	60,769
NIH R01 NR017626-02	Direct	93.361	-	30,982
NIH T32 CA009531-33	Direct	93.368	-	36,987
NIH R01 CA141769-05	Direct	93.393	-	3,056
NIH R01 CA175088-05	Direct	93.393	-	26,991
NIH R01 CA200718-04	Direct	93.393	109,545	631,034
NIH R01 CA200718-04 supplement	Direct	93.393	-	66,910
NIH R01 CA200864-04	Direct	93.393	76,709	711,968
NIH R03 CA208494-02	Direct	93.393	-	56,252
NIH R03 CA216011-02	Direct	93.393	11,504	63,544
NIH R21 CA220137-02	Direct	93.393	5,598	45,121
NIH R21 CA220311-01	Direct	93.393	32,048	188,031
NIH R21 CA222939-02	Direct	93.393	-	155,855
NIH U01 CA199240-02	Direct	93.393	11,703	387,466
NIH U01 CA199240-02 supplement	Direct	93.393	-	6,941
NIH U01 CA199240-02 Yr1 CF restricted	Direct	93.393	-	632,756
NIH U01 CA199240-03	Direct	93.393	16,697	1,282,174
NIH U01 CA199240-03 Admn Supplement	Direct	93.393	-	2,169
NIH U01 CA199240-03 Yr2 CF restricted	Direct	93.393	-	12,471
NIH U01 CA199240-03 Yr2 CF restricted	Direct	93.393	-	36,615
NIH R01 CA123451-08	Direct	93.394	-	14,858
NIH R01 CA123451-08 Children Hosp of Mich	Direct	93.394	4,494	136,446
NIH R21 CA216648-01	Direct	93.394	-	117,772
NIH R21 CA216648-01	Direct	93.394	-	21,474
NIH R37 CA22048-01	Direct	93.394	-	199,211
NIH R37 CA22048-01	Direct	93.394	-	343,209
NIH R01 CA053535-24	Direct	93.395	-	244,336
NIH R01 CA076340-20	Direct	93.395	-	246,148
NIH R01 CA076340-20	Direct	93.395	-	(3,203)
NIH R01 CA174949-04	Direct	93.395	-	265,369
NIH R01 CA199004-05	Direct	93.395	-	93,294
NIH R01 CA229535-01	Direct	93.395	8,441	182,664
NIH R01 CA238781-01	Direct	93.395	-	15,553
NIH R21 CA216650-02	Direct	93.395	-	80,929
NIH R21 CA238139-01	Direct	93.395	-	13,778
NIH R37 CA215427-02	Direct	93.395	-	273,811
NIH U10 CA180835-05	Direct	93.395	-	174,367
NIH U10 CA180835-05	Direct	93.395	-	33,363
NIH UG1 CA233163-01	Direct	93.395	-	469,816
NIH R01 CA123362-08	Direct	93.396	-	427,824

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Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH R01 CA172480-01	Direct	93.396	\$ -	\$ (34,281)
NIH R01 CA172480-05	Direct	93.396	-	39,730
NIH R01 CA181189-01	Direct	93.396	-	178,779
NIH R01 CA202917-04	Direct	93.396	29,421	341,132
NIH R03 CA219332-02	Direct	93.396	-	88,841
NIH P30 CA022453-36 Admin Supplmt 2	Direct	93.397	-	40,456
NIH P30 CA022453-36 Admin Supplmt 3	Direct	93.397	-	2,534
NIH P30 CA022453-36 Admin Supplmt 4	Direct	93.397	-	53,497
NIH P30 CA022453-36 Admin Supplmt CF	Direct	93.397	-	3,284
NIH P30 CA022453-36 AMTEC	Direct	93.397	-	33,956
NIH P30 CA022453-36 BFRC	Direct	93.397	-	8,857
NIH P30 CA022453-36 BIOREPOSIT	Direct	93.397	-	15,641
NIH P30 CA022453-36 BioStatistics	Direct	93.397	-	84,597
NIH P30 CA022453-36 Building KCI	Direct	93.397	-	104,032
NIH P30 CA022453-36 Clinical Protocol	Direct	93.397	-	163,188
NIH P30 CA022453-36 Epidemiology	Direct	93.397	-	16,155
NIH P30 CA022453-36 Genomics	Direct	93.397	-	3,864
NIH P30 CA022453-36 Master Admin	Direct	93.397	-	50,913
NIH P30 CA022453-36 Microscopy Imaging	Direct	93.397	-	88,598
NIH P30 CA022453-36 Pharmacology	Direct	93.397	-	8,659
NIH P30 CA022453-36 Proteomics	Direct	93.397	-	5,828
NIH P30 CA022453-36 Protocol Review	Direct	93.397	-	18,192
NIH P30 CA022453-37	Direct	93.397	-	250,829
NIH P30 CA022453-37 AdmSpl	Direct	93.397	-	28,716
NIH P30 CA022453-37 AdmSpl	Direct	93.397	-	63,570
NIH P30 CA022453-37 AdmSpl	Direct	93.397	-	58,352
NIH P30 CA022453-37 AdmSpl	Direct	93.397	-	180,318
NIH P30 CA022453-37 AdmSpl	Direct	93.397	-	29,828
NIH P30 CA022453-37 AMTEC	Direct	93.397	-	163,965
NIH P30 CA022453-37 BFR	Direct	93.397	-	40,305
NIH P30 CA022453-37 Biop	Direct	93.397	-	130,323
NIH P30 CA022453-37 Biost	Direct	93.397	-	576,734
NIH P30 CA022453-37 CPDM	Direct	93.397	-	421,352
NIH P30 CA022453-37 DevFds	Direct	93.397	-	35,251
NIH P30 CA022453-37 EpRsh	Direct	93.397	-	77,041
NIH P30 CA022453-37 MICR	Direct	93.397	-	265,843
NIH P30 CA022453-37 Mt Adm	Direct	93.397	-	160,581
NIH P30 CA022453-37 Pharm	Direct	93.397	-	41,747
NIH P30 CA022453-37 PRMS	Direct	93.397	-	77,424
NIH P30 CA022453-37 Proteo	Direct	93.397	-	39,761
NIH R01 CA222359-02	Direct	93.397	22,594	390,977
NIH F30 CA228221-01	Direct	93.398	-	17,937
NIH F30 CA228221-02	Direct	93.398	-	24,593
NIH F31 CA213807-01	Direct	93.398	-	(4,234)
NIH F31 CA213807-02	Direct	93.398	-	29,170
NIH F31 CA213807-03	Direct	93.398	-	2,010
NIH F31 CA215682-02	Direct	93.398	-	8,373
NIH F31 CA217148-01	Direct	93.398	-	69
NIH F31 CA217148-02	Direct	93.398	-	12,728
NIH F31 CA221333-01	Direct	93.398	-	(811)
NIH F31 CA236245-01	Direct	93.398	-	26,422
NIH F31 CA243215-01	Direct	93.398	-	1,774
NIH R25 CA171971-05	Direct	93.398	-	(2,915)
NIH T32 CA009531-31	Direct	93.398	-	5,152
NIH T32 CA009531-32	Direct	93.398	-	236,503

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Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
ACL 90DPTB0006-01	Direct	93.433	\$ 50,515	\$ 53,943
ACL 90DPTB0006-02-00	Direct	93.433	182,775	491,448
ACL 90IF0092-03	Direct	93.433	17,264	32,073
DHHS-ACF-90YR0092-03	Direct	93.600	7,423	12,356
DHHS-ACF-90YR0092-03 Mich State Univ	Direct	93.600	17,257	17,348
DHHS-ACF-90YR0092-04	Direct	93.600	49,514	416,605
DHHS-ACF-90YR0092-04 Mich State Univ	Direct	93.600	53,906	53,906
NIH K22 HL126842-03	Direct	93.837	-	23,243
NIH R01 HL 109090-04	Direct	93.837	-	781
NIH R01 HL 109090-04 Albert Einstein College Med	Direct	93.837	13,608	13,608
NIH R01 HL 109090-04 Child Hosp Boston	Direct	93.837	1,005	1,005
NIH R01 HL 109090-04 Child Hosp Med Ctr	Direct	93.837	17,042	17,042
NIH R01 HL 109090-04 CHOP	Direct	93.837	11,337	11,337
NIH R01 HL 109090-04 New England Res Inst.	Direct	93.837	186,972	186,972
NIH R01 HL 109090-04 Univ of Pittsburgh	Direct	93.837	762	762
NIH R01 HL 109090-04 Washington Univ	Direct	93.837	11,952	11,952
NIH R01 HL050710-19	Direct	93.837	-	294,024
NIH R01 HL055473-21	Direct	93.837	-	241,023
NIH R01 HL096787-08	Direct	93.837	5,508	356,034
NIH R01 HL109090-04	Direct	93.837	-	131,355
NIH R01 HL114097-08	Direct	93.837	-	444,798
NIH R01 HL114097-08	Direct	93.837	-	237,958
NIH R01 HL117880-02	Direct	93.837	-	33,853
NIH R01 HL117880-02	Direct	93.837	-	1,468
NIH R01 HL119815-04	Direct	93.837	-	107,922
NIH R01 HL126706-04	Direct	93.837	-	457,042
NIH R01 HL126706-04	Direct	93.837	-	(278)
NIH R01 HL127691-01	Direct	93.837	205,303	344,697
NIH R01 HL130552-01	Direct	93.837	-	262,714
NIH R01 HL131740-03	Direct	93.837	13,115	454,864
NIH R01 HL133506-03	Direct	93.837	32,988	577,784
NIH R01 HL133506-03	Direct	93.837	-	127,168
NIH R01 HL133506-03 Univ of Massachusetts	Direct	93.837	17,393	26,556
NIH R01 HL134787-01	Direct	93.837	92,651	347,750
NIH R01 HL137558-02	Direct	93.837	7,894	37,868
NIH R01 HL137558-02 Bronx	Direct	93.837	11,520	17,427
NIH R01 HL137558-02 Child Hosp of Boston	Direct	93.837	16,107	23,937
NIH R01 HL137558-02 CHOC	Direct	93.837	5,445	8,386
NIH R01 HL137558-02 Drexel	Direct	93.837	1,671	2,573
NIH R01 HL137558-02 Frontier Sci & Tech	Direct	93.837	12,840	13,791
NIH R01 HL137558-02 Harvard	Direct	93.837	22,402	31,064
NIH R01 HL137558-02 Hawaii	Direct	93.837	54,648	54,648
NIH R01 HL137558-02 NY City Health Hosp	Direct	93.837	7,620	11,735
NIH R01 HL137558-02 St. Jude	Direct	93.837	27,045	40,545
NIH R01 HL137558-02 Univ of Colorado	Direct	93.837	932	1,435
NIH R01 HL137558-02 Westat	Direct	93.837	12,352	13,265
NIH R01 HL138007-01	Direct	93.837	-	188,865
NIH R01 HL138007-01	Direct	93.837	-	43,773
NIH R01 HL139968-01	Direct	93.837	25,154	48,462
NIH R01 HL139968-01 NERI	Direct	93.837	22,563	34,746
NIH R01 HL139968-01 Univ Colorado	Direct	93.837	114,162	114,162
NIH R01 HL139968-01 Vanderbilt	Direct	93.837	11,747	17,058
NIH R01 HL142956-01	Direct	93.837	-	353,956
NIH R21 HL148089-07	Direct	93.837	-	12,049
NIH T32 HL120822-04	Direct	93.837	-	28,390

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Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH T32 HL120822-06	Direct	93.837	\$ -	\$ 96,648
NIH R01 HL133162-03	Direct	93.838	418,694	963,441
NIH R01 HL138633-03	Direct	93.838	-	315,051
NIH R01 HL138633-03 FSU	Direct	93.838	-	1,047
NIH R01 HL138633-03 Wayne Cnty Healthcare Access	Direct	93.838	227,176	227,176
NIH R01 HL138633-03 Yale	Direct	93.838	16,578	25,530
NIH DP2 DK111910-01	Direct	93.847	-	277,706
NIH DP3 DK097717-01	Direct	93.847	-	4,375
NIH F30 DK101230-04	Direct	93.847	-	1,033
NIH F30 DK116529-01	Direct	93.847	-	19,846
NIH F30 DK116529-02	Direct	93.847	-	14,996
NIH F31 DK116536-01	Direct	93.847	-	17,061
NIH F31 DK116536-02	Direct	93.847	-	26,445
NIH K23 DK118199-01	Direct	93.847	-	169,805
NIH K99 DK114471 -02	Direct	93.847	-	47,816
NIH R01 DK062292-12	Direct	93.847	-	296,125
NIH R01 DK068139-10	Direct	93.847	-	24,420
NIH R01 DK076629-09S	Direct	93.847	-	47,003
NIH R01 DK076629-10	Direct	93.847	73,157	404,702
NIH R01 DK081750-08	Direct	93.847	-	161,440
NIH R01 DK090313-06	Direct	93.847	42,394	411,909
NIH R01 DK105963-02	Direct	93.847	193,180	497,772
NIH R01 DK106540-05	Direct	93.847	56,339	205,719
NIH R01 DK106540-05 Texas AM Univ	Direct	93.847	249,727	263,227
NIH R01 DK107666-04	Direct	93.847	-	430,411
NIH R01 DK109036-03	Direct	93.847	-	452,587
NIH R01 DK110075-02	Direct	93.847	142,672	593,397
NIH R01 DK110314-04	Direct	93.847	6,719	337,324
NIH R01 DK110314-04 Henry Ford Health System	Direct	93.847	28,206	28,429
NIH R01 DK116901-01	Direct	93.847	-	181,182
NIH R21 DK108071-02	Direct	93.847	-	43,171
NIH F31 NS100488-01	Direct	93.853	-	(5,359)
NIH F31 NS100488-02	Direct	93.853	-	6,675
NIH F31 NS100488-03	Direct	93.853	-	27,531
NIH R01 NS041922-10	Direct	93.853	2,802	232,023
NIH R01 NS064033-08	Direct	93.853	-	268,867
NIH R01 NS066927-12	Direct	93.853	72,976	450,550
NIH R01 NS076715-05	Direct	93.853	(1,338)	(1,338)
NIH R01 NS081936-05	Direct	93.853	13,931	45,877
NIH R01 NS086778-01	Direct	93.853	-	240,977
NIH R01 NS086778-06	Direct	93.853	169	62,151
NIH R01 NS089659-05	Direct	93.853	-	338,182
NIH R01 NS094570-04	Direct	93.853	70,649	275,542
NIH R01 NS094570-04	Direct	93.853	-	17,287
NIH R01 NS094570-04 Univ of Manitoba	Direct	93.853	4,451	14,821
NIH R21 NS090153-02	Direct	93.853	-	121,478
NIH R21 NS102678-02	Direct	93.853	-	149,557
NIH R56 NS100088-01	Direct	93.853	-	179,555
NIH R56 NS100088-01 Johns Hopkins	Direct	93.853	7,201	7,201
NIH R56 NS100088-01 Medical College Wisconsin	Direct	93.853	10,476	16,133
NIH R61 NS112443-01	Direct	93.853	-	2,831
NIH U24 NS100680-02	Direct	93.853	28,251	87,147
NIH U24 NS100680-02 Sub	Direct	93.853	-	26,612
NIH U24 NS100680-03	Direct	93.853	-	38,627
University of Michigan SUBK00008524	Direct	93.853	-	30,000

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Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH K22 AI20988-01	Direct	93.855	\$ -	\$ 76,489
NIH R01 AI118992-01	Direct	93.855	-	291,128
NIH R01 AI121400-04	Direct	93.855	94,009	386,488
NIH R01 AI127390-03	Direct	93.855	59,099	444,279
NIH R01 AI23352-04	Direct	93.855	-	349,678
NIH R01 AI23352-04 MUSC	Direct	93.855	56,961	67,913
NIH R01 AI23352-04 Univ of Michigan	Direct	93.855	67,722	67,722
NIH R01 AI23352-04 Univ of Zurich	Direct	93.855	133,577	99,769
NIH R21 AI111103-01	Direct	93.855	-	530
NIH R21 AI135538-01	Direct	93.855	-	151,751
NIH R21 AI140033-01	Direct	93.855	-	2,193
NIH R21 AI144708-01	Direct	93.855	-	120,725
NIH F30 GM131580-01	Direct	93.859	-	31,108
NIH R01 GM062160-17	Direct	93.859	-	233,924
NIH R01 GM079529-08	Direct	93.859	-	355,904
NIH R01 GM093110-05	Direct	93.859	-	207,812
NIH R01 GM109215-03	Direct	93.859	-	(9,667)
NIH R01 GM109215-05	Direct	93.859	78,766	415,138
NIH R01 GM116807-03	Direct	93.859	-	324,856
NIH R01 GM121061-02	Direct	93.859	-	267,770
NIH R01 GM121061-02S1	Direct	93.859	-	3,714
NIH R01 GM125082-06	Direct	93.859	-	347,285
NIH R01 GM125082-06S1	Direct	93.859	-	51,724
NIH R01 GM129475-01	Direct	93.859	-	5,086
NIH R25 GM058905-18	Direct	93.859	-	136,526
NIH R25 GM058905-18	Direct	93.859	-	555,638
NIH R35 GM124733-01	Direct	93.859	-	404,560
NIH R35 GM131821-01	Direct	93.859	-	69,542
NIH F30 HD084144-03	Direct	93.865	-	32,421
NIH K12 HD001254-19	Direct	93.865	-	42,643
NIH K12 HD001254-19 SubK	Direct	93.865	-	101,417
NIH K12 HD001254-19 SubK	Direct	93.865	-	114,500
NIH K12 HD001254-20	Direct	93.865	-	8,505
NIH K12 HD001254-20 SubK	Direct	93.865	-	15,200
NIH K12 HD001254-20 SubK	Direct	93.865	-	16,756
NIH R01 HD076257-06	Direct	93.865	-	94,051
NIH R01 HD088549-01	Direct	93.865	23,646	134,362
NIH R01 HD089000-03	Direct	93.865	-	360,916
NIH R03 HD090306-03	Direct	93.865	-	52,762
NIH R03 HD091648-02	Direct	93.865	-	75,834
NIH R03 HD099700-01	Direct	93.865	-	832
NIH R21 HD092956-01	Direct	93.865	15,639	98,704
NIH R25 HD072591-01	Direct	93.865	-	778
NIH UG1 HD021385-32	Direct	93.865	-	(130)
NIH UG1 HD021385-32	Direct	93.865	-	3,161
NIH UG1 HD050096-14	Direct	93.865	-	39,898
NIH UG1 HD050096-15	Direct	93.865	-	232,150
NIH F31 AG058420-01	Direct	93.866	-	(2,067)
NIH F31 AG058420-02	Direct	93.866	-	37,536
NIH R01 AG011230-21	Direct	93.866	-	618,580
NIH R01 AG054363-05	Direct	93.866	500,397	547,708
NIH R01 AG054363-05 John Hopkins	Direct	93.866	25,368	25,368
NIH R01 AG054484-01	Direct	93.866	77,506	403,773
NIH R01 AG058171-01	Direct	93.866	136,796	278,863
NIH R01 AG058171-01 Queens Univ at Kingston	Direct	93.866	52,345	52,345

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Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
NIH R01 AG058171-01 Univ of Kentucky	Direct	93.866	\$ 83,870	\$ 83,870
NIH R01 AG058171-01 William Beaumont Hosp	Direct	93.866	90,858	90,858
NIH R21 AG050741-01	Direct	93.866	-	205,928
NIH R21 AG055712-01	Direct	93.866	-	152,349
NIH R21 AG059160-02	Direct	93.866	-	153,997
NIH R56 AG060822-01	Direct	93.866	135,979	316,843
NIH F30 EY025923-02	Direct	93.867	-	21,105
NIH F30 EY025923-03	Direct	93.867	-	18,138
NIH P30 EY004068-34	Direct	93.867	-	(2,991)
NIH P30 EY004068-35	Direct	93.867	-	452,103
NIH P30 EY004068-36	Direct	93.867	-	14,948
NIH R01 EY010869-23	Direct	93.867	-	362,595
NIH R01 EY014370-10	Direct	93.867	-	126,544
NIH R01 EY017313-07	Direct	93.867	-	301,955
NIH R01 EY017960-08	Direct	93.867	33,978	441,161
NIH R01 EY022230-05	Direct	93.867	-	363,930
NIH R01 EY022330-04	Direct	93.867	-	141,407
NIH R01 EY022417-06	Direct	93.867	-	55,987
NIH R01 EY022687-04	Direct	93.867	14,643	158,799
NIH R01 EY023226-04	Direct	93.867	14,106	(3,583)
NIH R01 EY023992-05	Direct	93.867	-	362,947
NIH R01 EY026059-02S1	Direct	93.867	-	29,655
NIH R01 EY026059-03	Direct	93.867	-	319,772
NIH R01 EY026551-01	Direct	93.867	-	406,205
NIH R01 EY026551-01	Direct	93.867	-	1,751
NIH R01 EY026584-04	Direct	93.867	103,104	314,710
NIH R01 EY026964-02S1	Direct	93.867	-	48,500
NIH R01 EY026964-03	Direct	93.867	81,502	405,211
NIH R01 EY027381-01	Direct	93.867	-	433,731
NIH R01 EY028442-01	Direct	93.867	-	302,794
NIH R01 EY028915-01	Direct	93.867	-	379,691
NIH R01 EY029690-01	Direct	93.867	-	163,606
NIH R01 EY029836-01	Direct	93.867	-	247,682
NIH R01 AG059683-01	Direct	93.966	-	206,571
CDC 200-2016-M-90293	Direct	93.RD	-	284
CDC 75D30118C02647	Direct	93.RD	-	85,662
CDC 75D30118C02647	Direct	93.RD	-	24,529
NCI HHS250201000014C	Direct	93.RD	-	43,546
NCI HHSN26100009	Direct	93.RD	-	1,934
NCI HHSN26100010	Direct	93.RD	-	550
NCI HHSN261201300011I	Direct	93.RD	-	1,911
NCI HHSN261201800699P	Direct	93.RD	-	24,900
NCI IPA Assignment A. Shields	Direct	93.RD	-	5,218
NICHD HHSN275201300006C Activity #2	Direct	93.RD	-	3,095,061
NICHD HHSN275201300006C-Activity #1	Direct	93.RD	41,019	3,325,353
NICHD HHSN275201300006C-Activity #3	Direct	93.RD	-	1,087,662
NICHD HHSN275201300006C-Activity #4	Direct	93.RD	-	1,000,532
NICHD HHSN275201300006C-Activity #5	Direct	93.RD	-	3,157,674
NICHD HHSN275201300006C-Activity #6	Direct	93.RD	-	2,710,620
NICHD HHSN275201300006C-Activity #8	Direct	93.RD	-	252,085
NICHD HHSN275201300006C-Space Alloc	Direct	93.RD	-	1,350,000
Henry Ford Health System B11191	Pass Through	93.073	-	142,021
MDHHS E20192744 Federal 100%	Pass Through	93.110	-	13,298
Reproductive Stress R41ES02899	Pass Through	93.113	-	50,022
UMass 18-010120-A00	Pass Through	93.113	-	49,753

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Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
UMass 19-00627-C00	Pass Through	93.113	\$ -	\$ 38,630
UMass 19-0095140 A00	Pass Through	93.113	-	(68)
Southern Illinois University 520459	Pass Through	93.173	-	30,858
Vanderbilt Univ Med Ctr VUMC6917	Pass Through	93.173	-	110,939
Indiana University PO#0044803	Pass Through	93.226	-	7,595
Johns Hopkins University R01HS0002287	Pass Through	93.226	-	16,905
University of Michigan 3004552727	Pass Through	93.226	-	53,723
University of Michigan 3004552727	Pass Through	93.226	-	1
University of Michigan 3004552727	Pass Through	93.226	-	82,431
University of Michigan 3004552727	Pass Through	93.226	-	4,961
University of Miami SPC-001030	Pass Through	93.233	-	15,470
Cleveland Clinic Lerner College 1018 2019	Pass Through	93.242	-	76,352
Cleveland Clinic Lerner College 1018 2020	Pass Through	93.242	-	32,660
Emory University A055009	Pass Through	93.242	-	52,799
Michigan State University RC107692	Pass Through	93.242	-	19,711
NYUMC 18-A0-00-1001852 R01MH110793	Pass Through	93.242	-	139,880
NYUMC M190210045 R01MH110793	Pass Through	93.242	-	90,131
University of North Carolina 511536	Pass Through	93.242	-	36,784
University of North Carolina Chapel Hill 5111538	Pass Through	93.242	-	41,963
University of North Carolina Chapel Hill 5111539	Pass Through	93.242	-	85,013
University of Pittsburgh 0060500 131410-1	Pass Through	93.242	-	41,684
MDHHS E20180617 Federal 100%	Pass Through	93.243	-	3,306
MDHHS E20181717 Federal 100%	Pass Through	93.243	-	2,200
MDHHS E20192837 Federal 100%	Pass Through	93.243	-	105,784
MDHHS E20192874 Federal 100%	Pass Through	93.243	-	109,851
Florida State University R01966	Pass Through	93.273	-	191,161
Westat 6005.84-S03	Pass Through	93.273	-	(15,462)
NCASA R34DA045831 2019	Pass Through	93.279	-	11,316
NCASA R34DA045831 2019	Pass Through	93.279	-	3,230
MDHHS E20182524 Federal 100%	Pass Through	93.283	-	124
MDHHS E20182690 Federal 100%	Pass Through	93.283	-	1,551
MDHHS E20192828 Federal 100%	Pass Through	93.283	-	13,919
Southern Illinois University Sub 18-10	Pass Through	93.286	-	12,094
Medical University South Carolina 16-070-8C128	Pass Through	93.307	-	51,326
Ohio State University 60050635GRT00047342 RF01491295	Pass Through	93.307	-	347,714
Michigan State University RC106694	Pass Through	93.310	-	(12,708)
Michigan State University RC108889	Pass Through	93.310	-	405,731
Michigan State University RG100983	Pass Through	93.310	-	17,642
Purdue University 4102-85410	Pass Through	93.310	-	14,587
University of Detroit Mercy GM118981-3 2019	Pass Through	93.310	-	196,361
University of Detroit Mercy GM118981-3 2019	Pass Through	93.310	-	333,036
University of Detroit Mercy GM118981-3 2020	Pass Through	93.310	-	18,365
University of Detroit Mercy GM118981-3 2020	Pass Through	93.310	-	80,822
NeuroBio Tex R44NR014102	Pass Through	93.361	-	98,451
FHCRC 0000939647/218549	Pass Through	93.393	-	43,645
FHCRC 0000970910	Pass Through	93.393	-	280
FHCRC 0000980984/218549	Pass Through	93.393	-	33,495
Georgetown University 411982 GR411883	Pass Through	93.393	-	27,489
Michigan State University RC109849	Pass Through	93.393	-	1,017
University of Minnesota N006662506	Pass Through	93.393	-	17,249
USC 107857676	Pass Through	93.393	-	46,703
USC 122268103	Pass Through	93.393	-	19,694
Yale University GR1002587 Admin supplement	Pass Through	93.393	-	6,163
CHOP ALTE07C1	Pass Through	93.395	-	1,000
CHOP COG U10CA180886	Pass Through	93.395	-	10,083

See notes to schedule of expenditures of federal awards.

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
CHOP COG UG1CA189955	Pass Through	93.395	\$ -	\$ 3,017
ECOG-ACRIN U10CA180820-05	Pass Through	93.395	-	5,318
ECOG-ACRIN UG1CA189828-06	Pass Through	93.395	-	3,276
Indiana University IN4685642	Pass Through	93.395	-	12,645
Medical College of Wisconsin R01CA184798	Pass Through	93.395	-	13,833
Medical College of Wisconsin R01CA184798	Pass Through	93.395	-	17,594
Medical College of Wisconsin R01CA184798	Pass Through	93.395	-	572
Medical College of Wisconsin SPO 6014035	Pass Through	93.395	-	10,665
Michigan State University RC105782	Pass Through	93.395	-	94,806
NRG Oncology Foundation Site Support WSU	Pass Through	93.395	-	24,987
Oregon Health Science Univ SWOG Leadership Philip	Pass Through	93.395	-	36,496
Oregon Health Science Univ SWOG Network Operation Flaherty 2019	Pass Through	93.395	-	13,682
Oregon Health Science Univ SWOG Network Operation Flaherty 2018	Pass Through	93.395	-	19,850
Oregon Health Science Univ SWOG Network Operation Yoo	Pass Through	93.395	-	21,835
Oregon Health Science Univ SWOG Network Operations	Pass Through	93.395	-	31,000
University of Virginia GB10375 153262	Pass Through	93.395	-	31,238
Yale University GR103011 Supplement	Pass Through	93.395	-	612
Yale University GR103011 Early Clinical Trials	Pass Through	93.395	-	(7,350)
Yale University GR103011 Early Clinical Trials	Pass Through	93.395	-	55,792
Neulink, Inc	Pass Through	93.396	-	19,552
University of Illinois R01CA204962 2019	Pass Through	93.396	-	76,354
University of Illinois R01CA204962 2020	Pass Through	93.396	-	46,081
Moffitt Cancer Center 10-18279-03-20	Pass Through	93.397	-	6,299
CTRC/SWOG Enrollment Fund	Pass Through	93.399	-	194,440
MDHHS E20193014 Federal 100%	Pass Through	93.426	-	10,101
Craig Hospital 2694RIMBY	Pass Through	93.433	-	62
MDHHS E20193035 Federal 100%	Pass Through	93.435	9,141	262,402
Wayne Metro Comm Action Agency CSBG14-82030	Pass Through	93.569	-	88,842
University of Washington UWSC10262 BPO29060	Pass Through	93.652	-	14,808
MDHHS E20192836 Federal 100%	Pass Through	93.788	-	166,357
MDHHS E20193232 Federal 100%	Pass Through	93.788	305,000	503,474
MDHHS E20193232 Federal 100%	Pass Through	93.788	-	243,125
Case Western Reserve University RES514117	Pass Through	93.837	-	3,925
Children's Boston Hospital GENFD0001533105	Pass Through	93.837	-	4,219
CHOP R01HL131544 PO#20092469	Pass Through	93.837	-	12,698
Georgia State University SP00012594	Pass Through	93.837	-	41,387
Indiana University IN4683529	Pass Through	93.837	-	11,023
Indiana University IN4683537	Pass Through	93.837	-	68,727
The Brigham and Women's Hospital	Pass Through	93.837	-	19,606
University of Cincinnati 012268-003	Pass Through	93.837	-	1,668
University of Michigan 3004031871	Pass Through	93.837	-	49,505
University of Michigan 3004134106	Pass Through	93.837	-	296
University of Michigan 3005096798	Pass Through	93.837	-	138,965
George Washington University U10HD36801	Pass Through	93.838	-	13,330
Henry Ford Health System B11194	Pass Through	93.838	-	8,591
Seattle Children's Research 10930SUB	Pass Through	93.838	-	26,835
University of Michigan SUBK00009496	Pass Through	93.838	-	22,323
ACRI 04-001 U01HL130048	Pass Through	93.839	-	127
BCW 0115-81148	Pass Through	93.839	-	5,640
BCW 0263-81148	Pass Through	93.839	-	9,153
University of Iowa S00665-01	Pass Through	93.839	-	2,041
Northwestern University 60037425 2018	Pass Through	93.846	-	(230)
Northwestern University 60037425 2019	Pass Through	93.846	-	50,512
USC 108947941	Pass Through	93.846	-	35,885
CHOP 3301820719	Pass Through	93.847	-	223

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
Indiana University IN4684798	Pass Through	93.847	\$ -	\$ 22,763
University of Michigan 3002819730	Pass Through	93.847	-	2,447
University of Michigan 3004896724	Pass Through	93.847	8,388	44,803
University of Michigan 3004918538	Pass Through	93.847	-	15,767
University of Michigan 3005284102	Pass Through	93.847	-	75,132
University of Michigan 3005338448	Pass Through	93.847	-	31,522
University of Michigan Chronic Renal	Pass Through	93.847	-	14,035
University of South Florida Site 3480	Pass Through	93.847	-	(838)
Augusta University 29457-7	Pass Through	93.853	-	4,200
Children's Research Institute 30003963-02	Pass Through	93.853	-	46,924
Emory University T234783	Pass Through	93.853	-	11,522
Free Flow Medical Devices R41NS103704	Pass Through	93.853	-	60,104
Henry Ford Health System B11186	Pass Through	93.853	-	96,980
Mitovation: Infant NeuroLUX: A Nov	Pass Through	93.853	-	51,318
NYU 18-A0-001000938 110614	Pass Through	93.853	-	383,589
University of California 84465C	Pass Through	93.853	-	3,660
University of Michigan 3003064633	Pass Through	93.853	-	17,581
University of Michigan 3003064633	Pass Through	93.853	-	23,645
University of Michigan 3003114601	Pass Through	93.853	-	(334)
University of Michigan 3003263762	Pass Through	93.853	-	20,445
University of Michigan 3003263762 Beaumont Hosp	Pass Through	93.853	-	2,470
University of Michigan 3003603781	Pass Through	93.853	-	44,964
University of Michigan 3004601384	Pass Through	93.853	-	26,259
University of Michigan 3004981455	Pass Through	93.853	-	77,136
Columbia University 9(GG011896-49)	Pass Through	93.855	-	27,171
Duke University UM1A1104681	Pass Through	93.855	-	(5,274)
Duke University UM1A1104681	Pass Through	93.855	-	95,324
University of Wisconsin 765K015	Pass Through	93.855	-	(4,857)
University of Wisconsin 859K132	Pass Through	93.855	-	18,323
University of Nevada Las Vegas GR05668	Pass Through	93.855	-	195,238
University of Alabama at Birmingham 000504111-002A04	Pass Through	93.855	-	143,145
Harvard University 133233-5068504	Pass Through	93.859	-	37,403
Northwestern University 60041058	Pass Through	93.859	-	26,408
University of Pittsburgh 0026281(123833-12)	Pass Through	93.859	-	(860)
Washington University WU-16-73	Pass Through	93.859	-	4,788
ART LLC R43HD092295	Pass Through	93.865	-	(1,885)
ART LLC R43HD094405	Pass Through	93.865	-	24,894
Augusta University 29820-4	Pass Through	93.865	-	39,189
Augusta University 31475-1	Pass Through	93.865	-	22,984
Augusta University 31477-1 2018	Pass Through	93.865	-	11,041
Augusta University 31477-1 2019	Pass Through	93.865	-	15,012
Florida State University R02029	Pass Through	93.865	-	255,950
Florida State University R02066	Pass Through	93.865	-	35,054
Florida State University R02099	Pass Through	93.865	-	4,678
Florida State University R02149	Pass Through	93.865	-	20,245
Florida State University R02160	Pass Through	93.865	-	81,056
Henry Ford Health System B11136	Pass Through	93.865	-	10,757
Indiana University IN4684930	Pass Through	93.865	-	64,942
Michigan State University RC108011	Pass Through	93.865	-	17,902
Research Institute at Nationwide Hospital #719715	Pass Through	93.865	-	4,433
RTI International 0216651	Pass Through	93.865	-	53,920
Tulane University 556636-3618/19	Pass Through	93.865	-	5,853
UMass OSP2018102 P0#WA00740130	Pass Through	93.865	-	59,796
University of Michigan 3005322702	Pass Through	93.865	-	13,498
University of North Carolina 5111121	Pass Through	93.865	-	58,282

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
University of North Carolina 5111121 SubK	Pass Through	93.865	\$ -	\$ 13,000
University of North Carolina 5114042	Pass Through	93.865	-	13,551
University of North Carolina Chapel Hill 5108782	Pass Through	93.865	-	202,511
University of North Carolina Chapel Hill 5111130	Pass Through	93.865	-	25,078
University of North Carolina Chapel Hill 5112384	Pass Through	93.865	-	16,162
University of North Carolina Chapel Hill 5114013	Pass Through	93.865	-	7,226
University of North Carolina Chapel Hill 5114051	Pass Through	93.865	-	5,698
University of Rochester 417424G	Pass Through	93.865	-	46,833
University of Utah 10035609 CCDP	Pass Through	93.865	-	21,505
University of Utah 10035609 CHOM	Pass Through	93.865	-	707
University of Utah 10035609 CPCCRN	Pass Through	93.865	-	6,944
University of Utah 10035609 TOUCH	Pass Through	93.865	-	3,015
University of Utah 10035609 VAP	Pass Through	93.865	-	5,489
Cleveland Clinic Lerner College R01AG22304	Pass Through	93.866	-	32,629
Henry Ford Health System B11167	Pass Through	93.866	-	22,620
Minneapolis Med Research Fdn XT-1721	Pass Through	93.866	-	(70,136)
Oregon Health Science Univ 1008640 2019	Pass Through	93.866	-	3,966
Oregon Health Science Univ 1008640 2020	Pass Through	93.866	-	1,414
Oregon Health Science Univ 1010251 2019	Pass Through	93.866	-	4,453
Oregon Health Science Univ 1010251 2020	Pass Through	93.866	-	1,927
UCSD 103895799 S9001958	Pass Through	93.866	-	151,853
UCSD 117381277 S9002293	Pass Through	93.866	-	8,002
University of California Davis A18-0168-S002	Pass Through	93.866	-	117,018
University of Miami SPC-000494	Pass Through	93.866	-	36,053
University of Michigan 3003782628	Pass Through	93.866	-	(32)
University of Michigan 3004040431	Pass Through	93.866	-	1,890
University of Michigan 3005049834	Pass Through	93.866	-	12,029
University of Michigan 3005163942	Pass Through	93.866	-	110,582
University of Michigan 3005163942	Pass Through	93.866	-	93,117
University of Michigan 3005163942	Pass Through	93.866	-	8,454
University of Michigan 3005183374	Pass Through	93.866	-	28,579
University of Michigan 3005594162	Pass Through	93.866	-	4,875
University of Michigan 3005600955	Pass Through	93.866	-	26,441
University of Michigan 3005600955	Pass Through	93.866	-	24,481
University of Michigan 3005600955	Pass Through	93.866	-	944
University of Michigan 3005720318	Pass Through	93.866	-	5,623
USC 80648853	Pass Through	93.866	-	208
Washington University WU-16-126-MOD-3	Pass Through	93.867	-	(1,898)
Washington University WU-16-126-MOD-1 Fixed Fee	Pass Through	93.867	-	30,140
Washington University WU-16-126-MOD-3 Fixed Fee	Pass Through	93.867	-	954
SEMHA Ryan White Part A - Primary 2018	Pass Through	93.914	-	15
SEMHA Ryan White MAI Outpatient Ambulatory 2019	Pass Through	93.914	-	25,647
SEMHA Ryan White Part A MAI Outpatient 2019	Pass Through	93.914	-	652
SEMHA Ryan White Part A MAI Outpatient 2020	Pass Through	93.914	-	42,888
SEMHA Ryan White Part A Primary 2019	Pass Through	93.914	-	114,992
SEMHA Ryan White Part A Psychosocial 2019	Pass Through	93.914	-	6,761
SEMHA Ryan White Part A Psychosocial 2020	Pass Through	93.914	-	143,330
SEMHA Ryan White Part A Psychosocial 2020	Pass Through	93.914	-	6,873
Inst Pop Health Detroit H49MC26189	Pass Through	93.926	-	8,522
Inst Pop Health Detroit H49MC26189	Pass Through	93.926	-	14,547
MDHHS E20192714 Federal 100%	Pass Through	93.940	-	205,452
MDHHS E20192714 Federal 100%	Pass Through	93.940	-	116,950
MDHHS E20192714 Federal 100%	Pass Through	93.940	-	71,353
ECOG-ACRIN LAPS	Pass Through	93.RD	-	7,886

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Research and Development Cluster (continued):				
Department of Health and Human Services (continued):				
Flag Therapeutics R44CA221543	Pass Through	93.RD	\$ -	\$ 96,914
Henry Ford Health System 75D20118C02928	Pass Through	93.RD	-	5,781
Information Management System D7-MDCSS-1 & 2	Pass Through	93.RD	-	1,357,350
Information Management System D7-MDCSS-3	Pass Through	93.RD	-	173,335
Mount Sinai Medical Center UH34AT009149	Pass Through	93.RD	-	1,454
Rehabilitation Institute of Mich Fdn 19-1-001	Pass Through	93.RD	-	11,233
University of Chicago Argonne 9F60007	Pass Through	93.RD	-	99,252
University of Michigan 3004184777	Pass Through	93.RD	-	(1,981)
University of Michigan 3004184777 SubK	Pass Through	93.RD	-	99,837
University of Michigan 3004184777 SubK	Pass Through	93.RD	-	1,114
University of Michigan SWOG Clinical Trials Initiative	Pass Through	93.RD	-	4,481
Total Department of Health and Human Services			7,987,892	87,334,129
Department of Homeland Security - MDEQ 3362-1701	Pass Through	97.039	-	14,595
Total Research and Development Cluster			9,886,700	112,514,696
Student Financial Assistance Cluster:				
U.S. Department of Education:				
USED P007A182102 18-19 SEOG	Direct	84.007	-	931,405
USED P007A192102 19-20 SEOG	Direct	84.007	-	550,484
USED P033A182102 18-19 FWS	Direct	84.033	-	1,129,865
USED P033A182102 18-19 FWS-JLD	Direct	84.033	-	62,504
USED P033A192102 19-20 FWS	Direct	84.033	-	282,660
USED P033A192102 19-20 FWS-JLD	Direct	84.033	-	26,675
Perkins Loans - Loan balance at the beginning of the year plus loans issued	Direct	84.038	-	16,716,637
USED P063P170245 17-18 Pell	Direct	84.063	-	536
USED P063P170245 17-18 Pell Admin	Direct	84.063	-	25
USED P063P180245 18-19 Pell	Direct	84.063	-	23,280,444
USED P063P130245-18-19 Pell Admin	Direct	84.063	-	41,190
USED P063P190245 19-20 Pell	Direct	84.063	-	15,618,853
William D. Ford Direct Loan Program (Loans issued)	Direct	84.268	-	189,101,077
USED P379T190245 Teach	Direct	84.379	-	74,904
Total U.S. Department of Education			-	247,817,259
Department of Health and Human Services:				
Health Professions Student Loan Program - Medicine - Loan balance at the beginning of the year	Direct	93.342	-	1,947,871
Loans for Disadvantaged Students Program - Loan balance at the beginning of the year plus loans issued	Direct	93.342	-	1,287,068
Nursing Faculty Loan Program - Loan balance at the beginning of the year plus loans issued	Direct	93.264	-	6,426,430
ARRA Nursing Faculty Loan Program - Loan balance at the beginning of the year plus loans issued	Direct	93.408	-	27,402
Total Department of Health and Human Services			-	9,688,771
Total Student Financial Assistance Cluster			-	257,506,030
Department of Agriculture - SNAP Cluster:				
Mich Fitness Fdn E20182657 FY18 WSU SNAP	Pass Through	10.561	-	5,231
Mich Fitness Fdn E20190792 FY19 WSU SNAP	Pass Through	10.561	-	178,932
Total SNAP Cluster			-	184,163
U.S. Department of Transportation - Highway Planning and Construction Cluster - Mich Fitness Fdn Safe Routes 2018-0465				
	Pass Through	20.205	-	9,952

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
U.S. Department of Transportation - Highway Safety Cluster:				
Michigan State University RC107768 2018	Pass Through	20.616	\$ -	\$ 7,289
Michigan State University RC109132 2019	Pass Through	20.616	-	18,711
Total Highway Safety Cluster			-	26,000
U.S. Department of Education - Special Education (IDEA) Cluster:				
Dispute Resolution Educ. Research 2018	Pass Through	84.027	-	1,441
Dispute Resolution Educ. Research 2019	Pass Through	84.027	-	25,681
Total Special Education (IDEA) Cluster			-	27,122
U.S. Department of Education - TRIO Cluster:				
USED P044A160703	Direct	84.044	-	304,939
USED P047A171116	Direct	84.047	-	580,947
USED P047V170134	Direct	84.047	-	465,315
USED P047A171342	Direct	84.047	-	304,628
USED P066A160085	Direct	84.066	-	580,393
USED P217A170148	Direct	84.217	-	246,501
Total TRIO Cluster			-	2,482,723
Department of Health and Human Services - Medicaid Cluster -				
MDHHS E20192158 Federal 100%	Pass Through	93.778	-	291,099
Other Federal Awards:				
Department of Agriculture -				
DPSCD PO 0119034108	Pass Through	10.U01	-	1,667
Department of Defense:				
Schoolcraft College SC-WSU-18-2-1818 PTAC	Pass Through	12.002	-	52,409
Schoolcraft College SC-WSU-18-2-1818 MEDC	Pass Through	12.002	-	(12)
Schoolcraft College SC-WSU-18-2-1818 MEDC	Pass Through	12.002	-	56,154
Schoolcraft College SC-WSU-19-2-1918	Pass Through	12.002	-	21,994
Schoolcraft College SC-WSU-19-2-1918	Pass Through	12.002	-	18,750
NSTA 19-871-038	Pass Through	12.630	-	15,519
NSTA 19-871-101	Pass Through	12.630	-	954
Battelle Memorial Inst US-001-000071860	Pass Through	12.U01	-	21,328
Total Department of Defense			-	187,096
Department of Justice:				
MDHHS E20182621 Federal 100%	Pass Through	16.575	-	11,324
MDHHS E20191299 Federal 100%	Pass Through	16.575	-	186,493
Elder Law of Michigan 2018-V3-GX-K026	Pass Through	16.582	-	15,892
City of Detroit 6000257 Ceasefire	Pass Through	16.U01	36,000	49,645
Total Department of Justice			36,000	263,354
Department of Labor:				
DOL SH-31218-17-60-F-26	Direct	17.502	-	28,303
DOL SH-05039SH8	Direct	17.502	-	105,583
Total Department of Labor			-	133,886
U.S. Department of State:				
World Learning SIZ-100-16-CA-008 2018	Pass Through	19.021	-	64,697
World Learning SIZ-100-16-CA-008 2019	Pass Through	19.021	-	62,615
Inst Intl Fulbright FST1801_WSU_4.1.18 Fulbright	Pass Through	19.401	-	3,391
Inst Intl Fulbright FSC1901 WSU 1.15.19	Pass Through	19.401	-	63,755

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Other Federal Awards (continued):				
U.S. Department of State (continued):				
Inst Intl Fulbright FST1901 WSU 4.1.19	Pass Through	19.401	\$ -	\$ 85,302
Total U.S. Department of State			-	279,760
National Aeronautics and Space Administration - University of Michigan 3005533896	Pass Through	43.008	-	4,495
National Endowment for the Arts and Humanities:				
NEA 1853142-79-19	Direct	45.024	-	10,000
NEH PF-255848-17	Direct	45.130	-	26,278
NEH FEL-257881-18	Direct	45.160	-	34,906
MCACA 18PS4225AC	Pass Through	45.025	-	82
MDOE LS-00-16-0023-17	Pass Through	45.310	-	31,528
Total National Endowment for the Arts and Humanities			-	102,794
Environmental Protection Agency - Mich Tech University 1604013Z1	Pass Through	66.951	-	1,825
U.S. Department of Energy - Brookhaven Science Associates 359161	Pass Through	81.U01	-	35,724
U.S. Department of Education:				
USED P335A130090	Direct	84.335	-	5,961
USED P335A170040	Direct	84.335	-	52,850
USED P335A170040	Direct	84.335	-	188,747
MI Dept of Talent & Econ Devl 191130-191929	Pass Through	84.002	-	104,938
MI Dept of Talent & Econ Devl FY20	Pass Through	84.002	-	8,274
MDOE 181320-QCIP5	Pass Through	84.181	-	35,853
MDOE 191320- 1819	Pass Through	84.181	-	337,249
MDOE 192110-I14080	Pass Through	84.287	-	497,249
MDOE 192110-I14081	Pass Through	84.287	-	503,064
MDOE 192110-J17016	Pass Through	84.287	-	403,325
MDOE 192110-K181583	Pass Through	84.287	-	532,372
MDOE 192110-L194312	Pass Through	84.287	-	127,730
MDOE 192110-L194313	Pass Through	84.287	-	148,581
MDOE 192110-L194314	Pass Through	84.287	-	153,114
MDOE 202110-J17016	Pass Through	84.287	-	136,322
MDOE 202110-K181583	Pass Through	84.287	-	143,039
Mi Gear Up (Federal Funds) FY17/18	Pass Through	84.334	-	30,756
MDOE 170290-005	Pass Through	84.367	-	35,006
Arc Mi Family Alliance Evaluation	Pass Through	84.U01	-	57,484
Total U.S. Department of Education			-	3,501,914
U.S. Department of Health and Human Services:				
HRSA U77 HP26852-05 AHEC Central & Eastern Area Health	Direct	93.107	19,534	19,534
HRSA U77 HP26852-05 AHEC Covenant Comm Care	Direct	93.107	30,954	30,954
HRSA U77 HP26852-05 AHEC Northern Mich	Direct	93.107	37,980	37,980
HRSA U77 HP26852-05 AHEC Point	Direct	93.107	-	(13,085)
HRSA U77 HP26852-05 AHEC Western Mich	Direct	93.107	21,081	21,081
HRSA U77 HP26852-06 AHEC	Direct	93.107	-	252,355
HRSA U77 HP26852-06 AHEC	Direct	93.107	-	17,313
HRSA U77 HP26852-06 AHEC Central&Eastern Area	Direct	93.107	106,075	106,075
HRSA U77 HP26852-06 AHEC Covenant Care	Direct	93.107	83,271	90,015

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Other Federal Awards (continued):				
U.S. Department of Health and Human Services (continued):				
HRSA U77 HP26852-06 AHEC Covenant Care	Direct	93.107	\$ 6,551	\$ 6,551
HRSA U77 HP26852-06 AHEC MidMich Comm Health	Direct	93.107	196,559	196,559
HRSA U77 HP26852-06 AHEC MidMich Comm Health	Direct	93.107	45,701	45,701
HRSA U77 HP26852-06 AHEC Northern Mich	Direct	93.107	83,205	83,205
HRSA U77 HP26852-06 AHEC Northern Mich	Direct	93.107	33,353	33,353
HRSA U77 HP26852-06 AHEC Western Mich	Direct	93.107	173,502	173,502
HRSA U77 HP26852-06 AHEC Western Mich	Direct	93.107	20,489	20,489
HRSA U77 HP26852-07 AHEC	Direct	93.107	-	19,347
HRSA T73 MC30019-03 NMU	Direct	93.110	17,727	19,146
HRSA T73 MC30119-02	Direct	93.110	-	939
HRSA T73 MC30119-02 Leadership CMU	Direct	93.110	-	158
HRSA T73 MC30119-02 Leadership UMD	Direct	93.110	3,270	3,358
HRSA T73 MC30119-02 LEND Peds CMU	Direct	93.110	-	74
HRSA T73 MC30119-02 LEND Peds UofM	Direct	93.110	-	64
HRSA T73 MC30119-02 LEND Peds WMU	Direct	93.110	-	303
HRSA T73 MC30119-03	Direct	93.110	-	6,199
HRSA T73 MC30119-03 CMU	Direct	93.110	27,660	27,660
HRSA T73 MC30119-03 CMU	Direct	93.110	15,097	15,097
HRSA T73 MC30119-03 Leader	Direct	93.110	-	7,554
HRSA T73 MC30119-03 Leadership MSU	Direct	93.110	54,025	54,025
HRSA T73 MC30119-03 LEND Peds	Direct	93.110	-	24,354
HRSA T73 MC30119-03 LEND Peds WMU	Direct	93.110	13,994	14,297
HRSA T73 MC30119-03 MDHHS Family	Direct	93.110	20,999	20,999
HRSA T73 MC30119-03 UofM Ann Arbor	Direct	93.110	15,074	15,074
HRSA T73 MC30119-03 UofM Dearborn	Direct	93.110	14,000	14,000
HRSA T73 MC30119-03 WMU	Direct	93.110	13,977	13,977
HRSA T73 MC30119-03-03	Direct	93.110	42,000	207,330
HRSA T73 MC30119-04	Direct	93.110	-	33,072
HRSA T73 MC30119-04 WMU	Direct	93.110	611	611
HRSA A22 HP30936-02	Direct	93.124	-	44,650
HRSA D19 HP30865-02	Direct	93.178	-	259,166
HRSA D19 HP30865-02	Direct	93.178	-	50,268
HRSA D19 HP30865-03	Direct	93.178	-	85,352
HRSA D19 HP30865-03	Direct	93.178	-	13,735
SAMSHA H79 TI025966-03	Direct	93.243	-	42,521
HRSA D09 HP29983-03	Direct	93.247	210,087	578,658
HRSA D09 HP29983-03	Direct	93.247	-	101,957
HRSA T94 HP32910-01	Direct	93.247	-	82,287
HRSA T94 HP32910-01	Direct	93.247	-	4,636
HRSA UF1 HP28521-02	Direct	93.359	-	3,356
HRSA UF1 HP28521-03	Direct	93.359	-	389,114
HRSA UK1 HP31702-01	Direct	93.359	22,503	242,084
HRSA UK1 HP31702-01	Direct	93.359	-	80,838
HRSA UK1 HP31702-01 Covenant Comm Care	Direct	93.359	43,522	43,522
HRSA UK1 HP31702-01 Oakland County	Direct	93.359	27,035	27,035
HRSA UK1 HP31702-02	Direct	93.359	2,573	68,552
HRSA UK1 HP31702-02	Direct	93.359	-	15,653
ACF 90DDUC0005-02	Direct	93.632	-	406,704
ACF 90DDUC0005-02	Direct	93.632	-	5,441
ACF 90DDUC0005-03	Direct	93.632	-	88,334
HRSA M01 HP31389-01	Direct	93.732	-	137,557
HRSA M01 HP31389-02	Direct	93.732	-	343,912
HRSA M01 HP31389-03	Direct	93.732	-	10,034
HRSA T98 HP33431-01	Direct	93.732	-	5,990
HRSA T85 HP24473-05	Direct	93.884	-	349

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount	
			Provided to Subrecipients	Federal Expenditures
Other Federal Awards (continued):				
U.S. Department of Health and Human Services (continued):				
HRSA H76 HA00105-28	Direct	93.918	\$ -	\$ 196,898
HRSA H76 HA00105-29	Direct	93.918	-	670,279
MDHHS E20181338 Federal 100%	Pass Through	93.094	-	7,233
University of Michigan 3005076054	Pass Through	93.110	-	2,560
MDHHS E20182864 Federal 100%	Pass Through	93.116	-	5,030
MDHHS E20192839 Federal 100%	Pass Through	93.116	-	112,427
MDHHS E20193380 Federal 100%	Pass Through	93.136	-	48,544
University of Illinois at Chicago T13HP31010	Pass Through	93.145	-	6,727
University of Illinois at Chicago U10HA32109	Pass Through	93.145	-	2,953
University of Illinois MATEC 2019 U10HP29293	Pass Through	93.145	7,500	267,025
University of Illinois MATEC 2020 U10HP29293	Pass Through	93.145	-	16,530
MDHHS E20182596 Federal 70.7%	Pass Through	93.153	-	14,766
MDHHS E20192833 Federal 72%	Pass Through	93.153	-	819,012
MDHHS E20192649 Federal 100%	Pass Through	93.184	-	32,942
MDHHS E20180512 Federal 100%	Pass Through	93.283	-	4,873
MDHHS E20192157 Federal 100%	Pass Through	93.283	-	42,932
MDHHS E20192834 Federal 100%	Pass Through	93.283	-	12,169
SEMHA Ryan White HIV Care Services 2019	Pass Through	93.314	-	138,179
SEMHA Ryan White HIV MCM SubK2019	Pass Through	93.314	-	36,031
SEMHA Ryan White HIV MHS SubK 2019	Pass Through	93.314	-	7,264
SEMHA Ryan White Part A HIV 2020	Pass Through	93.314	-	91,061
SEMHA Ryan White Part A MAI 2020	Pass Through	93.314	-	57,224
SEMHA Ryan White Part A Minority 2019	Pass Through	93.314	-	88,997
SEMHA Ryan White Part A SubK 2020	Pass Through	93.314	-	29,532
SEMHA Ryan White Part A SubK 2020	Pass Through	93.314	-	9,800
MDHHS E20193397 Federal 100%	Pass Through	93.630	9,571	29,473
MDHHS E20193398 Federal 100%	Pass Through	93.630	5,059	34,692
MDHHS E20193399 Federal 100%	Pass Through	93.630	-	25,039
RFSUNY 1135853-8-76397	Pass Through	93.648	-	6,400
RFSUNY NO 18-6	Pass Through	93.648	-	140,268
MDHHS-YIT 18-82001 Federal 80%	Pass Through	93.674	-	112,035
MDHHS E20181333 Federal 100%	Pass Through	93.733	-	58,475
MDHHS E20182498 Federal 100%	Pass Through	93.758	-	219
MDHHS E20182579 Federal 14.3%	Pass Through	93.758	-	155
MDHHS E20192838 Federal 14.3%	Pass Through	93.758	-	11,259
MDHHS E20192648 Federal 100%	Pass Through	93.898	-	692,700
SEMHA Ryan White HIV AIDS 2018	Pass Through	93.914	-	(733)
SEMHA Ryan White Part A 2019	Pass Through	93.914	-	73,766
SEMHA Ryan White Part A HIV AIDS 2018	Pass Through	93.914	-	(94)
SEMHA Ryan White Part A 2020	Pass Through	93.914	-	88,062
MDHHS E20152067	Pass Through	93.940	-	718
MDHHS E20161045	Pass Through	93.940	-	74,289
MDHHS E20180294 Federal 100%	Pass Through	93.940	-	300
MDHHS E20180377 Federal 83% 2 CFDA 93.977	Pass Through	93.940	-	42,562
MDHHS E20180716 Federal 100%	Pass Through	93.940	-	20
MDHHS E20182327 Federal 57.3%	Pass Through	93.940	-	1,412
MDHHS E20182529 Federal 95%	Pass Through	93.940	-	17
MDHHS E20182530 Federal 100%	Pass Through	93.940	-	160
MDHHS E20192159 Federal 100%	Pass Through	93.940	-	1,307
MDHHS E20192652 Federal 39.2% 2 CFDA 93.940	Pass Through	93.940	-	122,809
MDHHS E20192864 Federal 100%	Pass Through	93.940	-	10,614
MDHHS E20180377 Federal 83% 2 CFDA 93.977	Pass Through	93.977	-	5,632
MDHHS E20192652 Federal 39.2% 2 CFDA 93.940	Pass Through	93.977	-	241,896
National Academy Science HMD 2019-07-18 20000010696	Pass Through	93.U01	-	35,118
Total U.S. Department of Health and Human Services			1,424,539	9,280,483

Wayne State University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended September 30, 2019

Federal Agency/Pass-through Agency/Program Title/Pass-through ID	Direct/Pass Through	CFDA Number	Total Amount Provided to Subrecipients	Federal Expenditures
Other Federal Awards (continued):				
Corporation for National & Community Services:				
Corporation for National & Community	Direct	94.006	\$ -	\$ 184,025
MDHHS MACF18-82368	Pass Through	94.006	-	214,255
MDHHS E20183152	Pass Through	94.006	-	99,998
MDHHS E20191747 Federal 100%	Pass Through	94.006	-	538,327
Total Corporation for National & Community Services			-	1,036,605
Total Other Federal Awards			1,460,539	14,829,603
Total Federal Expenditures			\$ 11,347,239	\$ 387,871,388

Notes to Schedule of Expenditures of Federal Awards

Year Ended September 30, 2019

Note 1 - Basis of Presentation

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal grant activity of Wayne State University (the "University") under programs of the federal government for the year ended September 30, 2019. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (the "Uniform Guidance"). 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, changes in net position, or cash flows of the University.

Note 2 - Summary of Significant Accounting Policies

Expenditures reported in the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in OMB Circular A-21, *Cost Principles for Educational Institutions*, or the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Pass-through entity identifying numbers are presented where available.

The University has elected not to use the 10 percent *de minimis* indirect cost rate to recover indirect costs, as allowed under the Uniform Guidance.

Note 3 - Loan Programs

During the fiscal year ended September 30, 2019, the University issued new loans to students under the Federal Direct Student Loan Program (FDLP). The loan program includes subsidized and unsubsidized Stafford Loans, Parents' Loans for Undergraduate Students (PLUS), and PLUS loans for graduate and professional students. The value of loans issued for the FDLP is based on disbursed amounts. The undergraduate PLUS loans are applied first to the student's tuition and fees, and any remaining balance is disbursed directly to the parents or, with the parents' permission, to the student. The loan amounts issued during the year are disclosed in the schedule of expenditures of federal awards under the student financial aid cluster.

In addition, the University participates in the Federal Perkins Loan Program through the Department of Education, the Health Professions Student Loan Program (including loans for disadvantaged students), and the Nurse Faculty Loan Program through the Department of Health and Human Services. These loan programs that are directly administered by the University are considered revolving loan programs whereby collections received on past loans, including interest, and new funds received from federal agencies are loaned out to current students. For these programs, the beginning of year balance and loans made during the year are disclosed in the schedule of expenditures of federal awards. The outstanding balances on these loan programs as of September 30, 2019 are as follows:

Federal Program	CFDA Number	Loan Balances
Department of Education - Federal Perkins Loan Program	84.038	\$ 14,042,102
Department of Health and Human Services - Health Professions Student Loan Program - Medicine	93.342	1,597,016
Department of Health and Human Services - Loans for Disadvantaged Students Program	93.342	987,037
Department of Health and Human Services - Nursing Faculty Loan Program	93.264	5,915,253
Department of Health and Human Services - ARRA Nursing Faculty Loan Program	93.408	25,276
	Total	<u>\$ 22,566,684</u>

Notes to Schedule of Expenditures of Federal Awards

Year Ended September 30, 2019

Note 4 - Adjustments and Transfers

As allowable and in accordance with federal regulations issued by the U.S. Department of Education, the University carried forward \$198,254 of the 2017-2018 Federal Work Study (FWS) Program (84.033) award, which was spent on the FWS Program in the 2018-2019 award year. The University also carried forward \$254,762 of the 2018-2019 FWS Program award to be expended on the FWS Program in the 2019-2020 award year.

The University, pursuant to federal regulations, transferred \$636,905 of the 2018-2019 FWS Program award to the Federal Supplemental Educational Opportunity Grant (FSEOG) Program (84.007), which was spent in the 2018-2019 year. The University also carried back \$89,387 of the 2019-2020 FSEOG Program award, which was spent in the 2018-2019 award year.

Note 5 - Indirect Costs

The University had approved predetermined indirect cost rates, which are effective from October 1, 2018 to September 30, 2022. The approved rates for on-campus and off-campus research were 54 and 26 percent, respectively.

Schedule of Findings and Questioned Costs

Schedule of Findings and Questioned Costs

Year Ended September 30, 2019

Section I - Summary of Auditor's Results

Financial Statements

Type of auditor's report issued: Unmodified

Internal control over financial reporting:

- Material weakness(es) identified? _____ Yes X No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? _____ Yes X None reported
- Noncompliance material to financial statements noted? _____ Yes X None reported

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? _____ Yes X No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? X Yes _____ None reported

Any audit findings disclosed that are required to be reported in accordance with Section 2 CFR 200.516(a)? X Yes _____ No

Identification of major programs:

CFDA Number	Name of Federal Program or Cluster	Opinion
Various 84.007, 84.033, 84.038, 84.063, 84.268, 84.379, 93.264, 93.342, 93.408	Research and Development Cluster	Unmodified
	Student Financial Assistance Cluster	Unmodified

Dollar threshold used to distinguish between type A and type B programs: \$3,000,000

Auditee qualified as low-risk auditee? X Yes _____ No

Section II - Financial Statement Audit Findings

None

Schedule of Findings and Questioned Costs (Continued)

Year Ended September 30, 2019

Section III - Federal Program Audit Findings

Reference Number	Finding
2019-001	<p>CFDA Number, Federal Agency, and Program Name - Student Financial Assistance Cluster - Department of Education - Federal Direct Loans CFDA 84.268, Pell CFDA 84.063</p> <p>Federal Award Identification Number and Year - Various</p> <p>Pass-through Entity - N/A</p> <p>Finding Type - Significant deficiency</p> <p>Repeat Finding - Yes, 2018-001</p> <p>Criteria - Changes in a student's status are required to be reported to the National Student Loan Data System (NSLDS) or the guarantee agency within 30 days of the change or included in a student status confirmation report sent to NSLDS within 60 days of the status change (FPL, 34 CFR section 674.19; Pell, 34 CFR section 690.83(b)(2); Direct Loan, 34 CFR section 685.309).</p> <p>Condition - The University did not report the student status change in a timely manner for 3 of the 60 students selected for testing.</p> <p>Questioned Costs - None</p> <p>Identification of How Questioned Costs Were Computed - N/A</p> <p>Context - Of the 60 students selected for testing, 3 students did not have a status change reported in a timely manner to NSLDS. All 3 of the students had graduated from the University.</p> <p>Cause and Effect - The University's processes in place did not result in the reporting of student status changes within the required time frame. For one of the students identified, the University did not report the student as withdrawn from the University within 60 days of being withdrawn from the University while the University was working to confirm the student's graduation status. The graduation status change was reported to the NSLDS by the University after the 60-day required reporting time frame from the date the student graduated from the University.</p> <p>For the second student identified, the University did not have a procedure in place to ensure that students who graduated from an undergraduate program, but continued to be enrolled at the University in graduate classes, had their graduation status at the program level communicated timely to the NSLDS. An issue with the processing of this student's graduation file being reported to the NSLDS occurred, which caused this student's graduation from his undergraduate program to not be communicated timely to the NSLDS at the program level. The University identified this issue and reported the status to the NSLDS after the 60-day required reporting time frame from the date the student graduated from the University.</p> <p>For the third student identified, the University did not have a procedure in place to ensure that a student who was reported as graduated timely to the NSLDS at the program level was also reported timely as graduated at the campus level with the NSLDS. An entry error caused this student's graduation to not be recorded timely at the campus level, as it was initially erroneously recorded as withdrawn. Subsequent to the audit testing performed, the proper status of graduated at the campus level was reported.</p> <p>Recommendation - The University should implement controls to ensure student status changes are reported correctly and within the required time frame.</p>

Schedule of Findings and Questioned Costs (Continued)

Year Ended September 30, 2019

Reference Number	Finding
2019-001 (Cont.)	<p>Views of Responsible Officials and Corrective Action Plan - The University concurs with the findings and recommendations. The University is taking actions to ensure that student status changes are reported to the National Student Loan Data System (NSLDS) in a timely manner.</p> <p>One student was not reported as withdrawn for the period of time the School of Medicine (SOM) was finalizing their degree certification. While the graduation was reported in a timely fashion from the time the SOM certified the degree, the Office of the Registrar will work with the SOM to report such students as withdrawn and then update their graduation status within the required time frame once their degree is certified.</p> <p>The second student graduated from their undergraduate program, but then continued to be enrolled at the University in a graduate program. Due to a procedural error, the student's graduation from his undergraduate program was not reported to the NSLDS timely. The University identified this issue, and corrective measures were put into place at that time. All files were correctly updated, and this issue should not reoccur.</p> <p>The third student was reported as graduated at the program level to the NSLDS, but their campus level was reported as withdrawn. The student was required to be manually processed on the University's third-party servicer's database in order to report their graduation. There is no error message or report to identify students in this situation. As this is not a problem with data in the University's administrative system, the University will work with its servicer to identify students in this situation for correction.</p>