
Central Michigan University

**Federal Awards
Supplemental Information
June 30, 2018**

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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 Trustees
Central Michigan University

We have audited the financial statements of Central Michigan University (the "University") and the discretely presented component units of Central Michigan University as of and for the year ended June 30, 2018 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated September 27, 2018, which contained an unmodified opinion on the financial statements. 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 September 27, 2018. We did not audit the financial statements of Central Health Advancement Solutions (CHAS) or the Institute for Excellence in Education (IEE), which represent all of the assets, net assets, and revenue of the discretely presented component units. Those financial statements were audited by other auditors whose report thereon has been furnished to us, and our opinion, insofar as it relates to the amounts included for CHAS and IEE, is based on the report of the other auditors.

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 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 financial statements or to the 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 financial statements as a whole.

Plante & Moran, PLLC

September 27, 2018

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 Trustees
Central Michigan 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 Central Michigan University (the "University") and the discretely presented component units of Central Michigan University as of and for the year ended June 30, 2018 and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated September 27, 2018. Our report includes a reference to other auditors who audited the financial statements of Central Health Advancement Solutions (CHAS) and the Institute for Excellence in Education (IEE), as described in our report on Central Michigan University's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of CHAS and IEE were not audited in accordance with *Government Auditing Standards*.

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

Plante & Moran, PLLC

September 27, 2018

Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance

Independent Auditor's Report

To the Board of Trustees
Central Michigan University

Report on Compliance for Each Major Federal Program

We have audited Central Michigan 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 June 30, 2018. 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 its major federal programs for the year ended June 30, 2018.

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 Trustees
Central Michigan 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 2018-001, that we consider to be a significant deficiency.

The University's response to the internal control over compliance findings 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

September 27, 2018

Central Michigan University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2018

Federal Agencies/Grant Name	Direct/Pass-through	Catalogue Number	Federal or Pass-through Number	Pass Through to Subrecipients	Expenses
Student Financial Assistance Cluster					
U.S. Department of Education					
Federal Supplemental Educational Opportunity Grant 2017-18	Direct	84.007	P007A171985		\$ 450,418
Federal Work Study 2017-18	Direct	84.033	P033A171985		972,685
Federal Pell Grant Program 16-17	Direct	84.063	P063P160222		37,656
Federal Pell Grant Program 2017-18	Direct	84.063	P063P170223		26,245,674
William D. Ford Federal Direct Loan Plus Prog - 2016	Direct	84.268	P268K160222		(9,500)
William D. Ford Federal Direct Loan Sub Prog - 2017	Direct	84.268	P268K170222		78,398
William D. Ford Federal Direct Loan Unsub Prog - 2017	Direct	84.268	P268K170222		348,242
William D. Ford Federal Direct Loan Plus Prog - 2017	Direct	84.268	P268K170222		204,755
William D. Ford Federal Direct Loan Sub Prog - 2018	Direct	84.268	P268K180222		35,864,910
William D. Ford Federal Direct Loan Unsub Prog - 2018	Direct	84.268	P268K180222		90,489,240
William D. Ford Federal Direct Loan Plus Prog - 2018	Direct	84.268	P268K180222		43,836,321
Teacher Education Assistance for College and Higher Education Grant 2016-18	Direct	84.379	P379T170222		466
Teacher Education Assistance for College and Higher Education Grant 2017-18	Direct	84.379	P379T180222		27,945
Total Student Financial Assistance Cluster					198,547,210
TRIO Cluster					
U.S. Department of Education					
Central Michigan University Educational Talent Search - Detroit	Direct	84.044A	P044A160830		50,032
CMU-Educational Talent Search 2017-18	Direct	84.044A	P044A160830-17		163,397
CMU Upward Bound/Northwestern/Collegiate Prep 2016-17	Direct	84.047A	P047A121307-16		84,747
Central Michigan University - TRIO Upward Bound Northwest Detroit	Direct	84.047A	P047A171420		126,873
Central Michigan University - TRIO Upward Bound Southwest Detroit	Direct	84.047A	P047A171511		93,969
Preparation for Success: CMUS Ronald E. McNair Scholars Program 2016-17	Direct	84.217A	P217A120131-16		58,292
Preparation for Success: CMU's Ronald E. McNair Scholars Program 2017-18	Direct	84.217A	P217A170155		186,011
Total TRIO Cluster					763,321
Research and Development Cluster					
U.S. Department of Agriculture					
Passed through Pennsylvania State University					
Hydrological-microbial interactions controlling landscape phosphorous mobility	Pass-through	10.310	4977-CMU-USDA-1636		2,093
Passed through Purdue University					
4-H (Salary) PALS Purdue University Sustainable Community Project	Pass-through	10.500	8000081348		4,363
Passed through Syracuse University/University of KY					
Understanding SNAP and Food Security Among Low-Income Households	Pass-through	10.253	30024-04808-501		13,815
Total U.S. Department of Agriculture					20,271
U.S. Department of Commerce					
National Oceanic and Atmospheric Administration					
Passed through University of Michigan					
Use of Dual-Frequency Identification Sonar (DIDSON) Cameras	Pass-through	11.417	3003956278		4,095
Passed through North Carolina State University					
Prediction of Heavy Banded Snowfall: Resolution Requirements	Pass-through	11.468	2016-1519-01		44,237
Total U.S. Department of Commerce					48,332
U.S. Department of Defense					
Passed through Duke University					
Spectral Sampling Algorithms for Element Substitution in Critical Technologies	Pass-through	12.300	14-ONR-1007		225,653
Mineralogy Genome Project Extending the AFLOW Repository to Minerals	Pass-through	12.300	16-ONR-1002		1,653
Total Passed through Duke University					227,306
Total U.S. Department of Defense					227,306

See notes to schedule of expenditures of federal awards.

Central Michigan University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended June 30, 2018

Federal Agencies/Grant Name	Direct/Pass-through	Catalogue Number	Federal or Pass-through Number	Pass Through to Subrecipients	Expenses
Research and Development Cluster (Continued)					
National Science Foundation					
Collaborative Research: Holey Reduced-Raphene-Oxide Film for Na-Ion Battery	Direct	47.041	CBET-1335944	\$	6,579
BRAIN EAGER: Genetically Encoded Light Sources for Non-Invasive Optogenetics	Direct	47.041	CBET-1464686		10,846
Collaborative Research: Enriching the Professional Dev. of School Teachers	Direct	47.041	EEC-1542368		136,380
Supporting Rural Secondary School Student Learners in Developing Engineering	Direct	47.041	1542368		32,554
CAREER: Complete Ordering in Low-Dimensional Perovskites and Its Control	Direct	47.049	CHE-1434457		24,704
Studies of Exotic Nuclei with the MoNA LISA Neutron Detectors	Direct	47.049	PHY-1205357		2,419
SusChEM: Synthesis of Degradable Sugar Poly(ortho esters) from Renewable	Direct	47.049	CHE-1413033		96,229
Precision Measurements with the CHIP-TRAP	Direct	47.049	PHY-1607429		48,497
High-Precision Optical Long-Based Interferometry Physics	Direct	47.049	1614983		89,014
Some Problems in Several Complex Variables	Direct	47.049	1600371		33,226
CAREER: Chemical Tools for Understanding the Mycomembrane of Corynebacterineae	Direct	47.049	1654408		194,834
Enumerative Geometry of Hitchin Systems and TQFT	Direct	47.049	1802082		11,663
Beta-Decay Experiments Along the r-Process Path	Direct	47.049	1714153		47,871
Collaborative Research: Unraveling Molybdenum and Rhenium Speciation	Direct	47.050	EAR-1503596		7,943
CAREER: MicroRNA Pathways Controlling Development After Diapause	Direct	47.074	1652283		95,132
RCN-UBE: Biodiversity Literacy in Undergraduate Education - BLUE Data Network	Direct	47.074	1730526		46,825
Engaging Underrepresented Populations in Biodiversity Sciences	Direct	47.074	1746715		17,902
Collaborative Research: The Impact of Face-to-Face and Remote Interviewing	Direct	47.075	1654828		72,269
Next Generation Science Teacher Preparation	Direct	47.076	DUE-1245500		8,650
Enhancing STEM Education with Research-Based Environmental Experiments	Direct	47.076	DUE-1323470	\$ 33,275	60,937
Practical Active Learning Stations	Direct	47.076	1608043	11,287	73,431
Passed through Michigan State University					
Nuclear Structure, Mesoscopic Physics, and Double-Beta Decay	Pass-through	47.049	RC103848CMU		26,497
Passed through University Corporation for Atmospheric Research					
Enhancing Undergraduate Python and Modeling Skills: A Jupyter Notebook	Pass-through	47.050	SUBAWD000048		14,921
Passed through Columbia University					
Participation in the Science Party for IODP	Pass-through	47.050	OCE-1450528		21,230
Passed through University of Arizona					
Gene Regulatory Networks in the Maize Endosperm	Pass-through	47.074	316615		154,345
Passed through Brown University					
NeuroNex Technology Hub: Bioluminescence for Optimal Brain Control and Imaging	Pass-through	47.074	#00001106		349,711
Passed through Salish Kootenai College					
All Nations Louis Stokes Alliance for Minority Participation 2017-18	Pass-through	47.076	1102362		3,300
Total National Science Foundation				44,562	1,687,909
U.S. Department of Health and Human Services					
National Institutes of Health					
Disparities in Diabetes Comorbidities and Multiple Chronic Conditions	Direct	93.847	1R15DK104260-01A1	2,479	145,606
BioLuminescent OptoGenetics (BL-OG): A Novel and Versatile Strategy	Direct	93.853	1U01NS099709-01	179,281	177,510
BioLuminescent OptoGenetics (BL-OG): Oregon Diversity Supplement (1)	Direct	93.853	3U01NS099709-02S2		10,412
BioLuminescent OptoGenetics (BL-OG): Johnston Diversity Supplement (1)	Direct	93.853	3U01NS099709-02S1		13,123
BioLuminescent OptoGenetics (BL-OG): Shafau Diversity Supplement (1)	Direct	93.853	3U01NS099709-02S3		10,558
BioLuminescent OptoGenetics (BL-OG): A Novel and Versatile Strategy Year 2	Direct	93.853	5U01NS099709-02	472,079	752,470
Chemoenzymatic Synthesis of Trehalose Analogs for Investigating Mycobacteria	Direct	93.855	1R15AI117670-01	18,438	78,063
Mechanisms of RNP Granule Function in the Germ Line	Direct	93.859	1R15GM109337-01A1		48,327
Stem Cell Multipotency During Quiescence	Direct	93.859	1R15GM117568-01		79,147
Novel Functions of Prim Pol	Direct	93.859	1R15GM117522-01A1	4,428	136,721
Employing Subcellular Calcium to Control Membrane Voltage	Direct	93.867	1R21EY026427-01	47,528	106,800
Total U.S. Department of Health and Human Services				724,233	1,558,737

Central Michigan University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended June 30, 2018

Federal Agencies/Grant Name	Direct/Pass-through	Catalogue Number	Federal or Pass-through Number	Pass Through to Subrecipients	Expenses
Research and Development Cluster (Continued)					
U.S. Department of Energy					
NUClear Computational Low-Energy Initiative (NUCLEI) Year 2	Direct	81.049	DE-SC0008529-0001		\$ 19,613
NUClear Computational Low-Energy Initiative (NUCLEI) YR 4	Direct	81.049	DE-SC0008529		16,665
The Physics and Chemistry of Cluster-Based Catalyst Systems	Direct	81.049	DE-SC0001330		6,784
Supplement to the Physics and Chemistry of Cluster-based	Direct	81.049	DE-SC001330		1,485
Computational Methods Based on Density	Direct	81.049	DE-SC0005027		28,970
Investigation of the Role of the VP-Process in Heavy Element Nucleosynthesis	Direct	81.049	DE-SC0014285		58,606
Element Specific Atomic Arrangement of Nanosized Catalysts in as Prepared	Direct	81.049	DE-SC0006877/0004	\$ 86,065	226,938
High-Precision Penning Trap Measurements	Direct	81.049	DE-SC0015927		161,935
FLO-SIC: Efficient Density Functional Theory Calculations	Direct	81.049	DE-SC 0018331	308,108	582,909
Passed through University of North Carolina					
Nuclear Theory for Double-Beta Decay and Fundamental Symmetries	Pass-through	81.049	DE-SC0015376: 5103975		(24,580)
Nuclear Theory for Double-Beta Decay and Fundamental Symmetries YR 2	Pass-through	81.049	DE-SC0015376		67,379
Nuclear Theory for Double-Beta Decay and Fundamental Symmetries Year 3	Pass-through	81.049	5103975		6,532
Total Passed through University of North Carolina					49,331
Total U.S. Department of Energy				394,173	1,153,236
U.S. Department of Interior					
U.S. Geological Survey					
Assessing Nursery Habitat Quality in the St. Clair-Detroit River System	Direct	15.808	G15AC00419		984
Phytoplankton Enumeration for CMSI 2015	Direct	15.808	G16AC00031		4,806
Functional Indicators of Coastal Wetland Condition	Direct	15.808	G16AC00308	80,107	106,273
Analysis of Angler Creel Survey Data from the St. Clair-Detroit Rivers System	Direct	15.808	G17AC00072		19,098
Analysis of Creel Survey Data from the St. Clair-Detroit Rivers System	Direct	15.808	G17AC00072		6,540
Functional Indicators of Coastal Wetland Conditions-Phase II	Direct	15.808	G16AC00308		32,613
Total U.S. Geological Survey					170,314
U.S. Fish & Wildlife Services					
Quantifying Detection Sensitivity of eDNA for Northern Snakehead	Direct	15.608	F12AP01114		603
Conservation Genetics of Snuffbox Mussels in the Great Lakes Watershed	Direct	15.662	F16AP00183		10,899
Impacts of Contaminants in Recruitment of Freshwater Mussels	Direct	15.662	F16AP00639		5,324
Developing a Decision Support System for Prioritizing Protection	Direct	15.669	F14AP00412	48,310	31,824
Mussel Primary Mix Exposure - Mussels, Host Fish, Streamside, and Purge Studies	Direct	15.678	F17AC00151	35,000	239,317
Passed through Clemson University					
Visitor Use Management for Polar Bear Viewing at Arctic National Wildlife Refuge	Pass-through	15.678	1912-216-2011802		8,241
Total U.S. Fish & Wildlife Services					296,208
Total U.S. Department of Interior				163,417	466,522
U.S. Department of Justice					
Examining Prison Stays in Michigan	Direct	16.560	2016-R2-CX-0036		261
Total U.S. Department of Justice					261
U.S. Environmental Protection Agency					
Coastal Wetland Monitoring: Continued Implementation by GLCWC	Direct	66.469	GL-00E01567-0	1,260,161	1,802,377
Early Detection of Oligochaetes and Chironmidaes in the Great Lakes	Direct	66.469	GL-00E02225-0	1,678	112,428
Passed through Michigan Department of Environmental Quality					
Using Indices of Biotic Integrity for Assessing Wetland Health in Michigan	Pass-through	66.419	W490089-16-1		71,245
Development of an Index of Biotic Integrity for Assessing Health of Palustrine	Pass-through	66.419	W-481368-13-1		13,381
Using Monitoring Results to Improve Management of Michigan's Coastal Wetlands	Pass-through	66.469	W-490414-17-1		69,722
Implementing Michigan's Comprehensive Aquatic Species State Management Plan	Pass-through	66.469	2016-0114		39,109
Total Passed through Michigan Department of Environmental Quality					193,457
Total U.S. Environmental Protection Agency				1,261,839	2,108,262

Central Michigan University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended June 30, 2018

Federal Agencies/Grant Name	Direct/Pass-through	Catalogue Number	Federal or Pass-through Number	Pass Through to Subrecipients	Expenses
Research and Development Cluster (Continued)					
National Aeronautics and Space Administration					
Passed through Colorado State University					
Using Earth Observations to Assess the Socioeconomic Impact of Wildland Fire	Pass-through	43.001	G-25490-3		\$ 1,479
Total National Aeronautics and Space Administration					1,479
Total Research and Development Cluster					7,272,315
Other Federal Awards					
U.S. Department of Health and Human Services					
Administration for Children and Families					
Passed through Eightcap, Inc.					
Early Childhood Collaborative with EightCap Inc. 2017	Pass-through	93.600	05CH8363-04		80,622
Early Childhood Collaborative with EightCap, Inc. 2018	Pass-through	93.600	05CH8363-05		83,908
Total Administration for Children and Families					164,530
Health Resources & Services Administration					
Passed through Wayne State University					
Michigan Leadership Education in Neurodevelopmental Disabilities (LEND)	Pass-through	93.110	WSU16155		1,546
Michigan Leadership Education in Neurodevelopmental Disabilities (LEND) Year 2	Pass-through	93.110	WSU17102		25,906
Pediatric Audiology Supplement to Leadership Education in Neurodevelopment YR 2	Pass-through	93.251	WSU17098		15,121
Total Health Resources & Services Administration					42,573
Total U.S. Department of Health and Human Services					207,103
U.S. Department of Education					
DeafBlind Central: Michigan's Training and Resource Project Year 4	Direct	84.326T	H326T130025-16		70,731
DeafBlind Central: Michigan's Training and Resource Project Year 5	Direct	84.326T	H326T130025-17		183,003
Passed through Michigan Department of Talent and Economic Development					
Michigan GEAR UP 2016-2017	Pass-through	84.334S	16-00-01		49,053
Michigan GEAR UP 2017-2018	Pass-through	84.334S	16-00-01		73,782
Total Passed through Michigan Department of Talent and Economic Development					122,835
Passed through Michigan Department of Education then passed through Macomb Intermediate School District					
Embracing Math and Technology in High Schools (EMATHS)	Pass-through	84.366B	09 2410		(677)
Improving Teacher Quality State Grants, ESEA Title II Part A					
Passed through Michigan Department of Education					
Macomb World Geography History Project	Pass-through	84.367B	160290-025	\$ 17,144	35,815
Professional Development for K-8 Teachers	Pass-through	84.367B	160290-024	8,063	26,968
Developing a Sustainable Mentoring Network in Geography and the Social Studies	Pass-through	84.367B	170290-003	19,098	49,819
Total Passed through Michigan Department of Education					112,602
Passed through University of Michigan then passed through Michigan Department of Education					
University of Michigan Dearborn Wayne Schools Global Geography Project	Pass-through	84.367	3004555110		14,270
Total Improving Teacher Quality State Grants, ESEA Title II Part A					126,872
Passed through National Writing Project					
2017-2018 SEED CRWP Professional Development in a High-Need School Grant	Pass-through	84.367D	09-MI12 SEED 2017		7,736
2017-2018 Invitational Leadership Institute Grant	Pass-through	84.367D	09-MI12-SEED2017-ILI		14,160
Total Passed through National Writing Project					21,896
Total U.S. Department of Education				44,305	524,660
National Endowment for the Humanities					
MCNH History Collections Project	Direct	45.149	PG-232674-16		1,178
Michigan-National Digital Newspaper Program	Direct	45.149	PJ-50100-12		114,075
Total National Endowment for the Humanities					115,253

See notes to schedule of expenditures of federal awards.

Central Michigan University

Schedule of Expenditures of Federal Awards (Continued)

Year Ended June 30, 2018

Federal Agencies / Grant Name	Direct/Pass-through	Catalogue Number	Federal or Pass-through Number	Pass Through to Subrecipients	Expenses
Other Federal Awards (continued)					
U.S. Department of Agriculture					
Educating Physicians for Rural Practice: Comprehensive Community Clerkship	Direct	10.855	MI 741-B16		\$ 38,053
Passed through Michigan Department of Education					
Child and Adult Care Food Program 2016-2017	Pass-through	10.558	370005017		6,201
Child and Adult Food Program 2017-18	Pass-through	10.558	370005017		19,614
Total Passed through Michigan Department of Education					<u>25,815</u>
Total U.S. Department of Agriculture					<u>63,868</u>
Federal Communications Commission					
FCC Post-Incentive Auction Broadcast Transition - WCMW	Direct	32.000	N/A		4,421
FCC Post-Incentive Auction Broadcast Transition WCMV	Direct	32.000	N/A		9,522
Total National Endowment for the Humanities					<u>13,943</u>
Total Other Federal Awards				<u>\$ 44,305</u>	<u>924,827</u>
Total Federal Awards				\$ 2,632,529	\$ 207,507,673

Notes to Schedule of Expenditures of Federal Awards

Year Ended June 30, 2018

Note 1 - Basis of Presentation

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal grant activity of Central Michigan University (the "University") under programs of the federal government for the year ended June 30, 2018. 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.

Schedule of Findings and Questioned Costs

Schedule of Findings and Questioned Costs

Year Ended June 30, 2018

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
84.007, 84.033, 84.063, 84.268, 84.379	Student Financial Aid Cluster	Unmodified
84.044, 84.047, 84.217	TRIO Cluster	Unmodified

Dollar threshold used to distinguish between type A and type B programs: \$750,000

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

Section II - Financial Statement Audit Findings

Reference Number	Finding
Current Year	None

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2018

Section III - Federal Program Audit Findings

Reference Number	Finding	Questioned Costs
2018-001	<p>CFDA Number, Federal Agency, and Program Name - Student Financial Aid Cluster - (84.063, 84.268) - Department of Education</p> <p>Federal Award Identification Number and Year - Various</p> <p>Finding Type - Significant deficiency</p> <p>Repeat Finding - No</p> <p>Criteria - If a recipient of Title IV grant or loan funds withdraws from a school or classes after beginning attendance, the amount of Title IV grant or loan assistance earned by the student must be determined. If the amount disbursed to the student is greater than the amount the student earned, the unearned funds must be returned. If the amount disbursed to the student is less than the amount the student earned, and for which the student is otherwise eligible, he or she is eligible to receive a postwithdrawal disbursement of the earned aid that was not received.</p> <p>Condition - Of the 40 students selected for Return to Title IV testing, two had improper calculations, causing the incorrect amount of funds to be returned.</p> <p>Questioned Costs - \$245.00</p> <p>Identification of How Questioned Costs Were Computed - The absolute value of the error amounts identified.</p> <p>Context - One student was a miscalculation of Pell funds as the student dropped from full time to 3/4 time. The other calculation omitted the students Plus loans from the calculation.</p> <p>Cause and Effect - The University does not have a procedure in place to review calculations prior to returning funds. For one error, too much was returned while the other had too little returned.</p> <p>Recommendation - The University should implement a review process of R2T4 calculations prior to submitting funds.</p> <p>Views of Responsible Officials and Corrective Action Plan - There have been two additional controls put into place regarding the finding above. Both controls are related to the use of a new checklist that is attached to the return to Title IV worksheet calculation. First, while we have always had a second staff member, in student account services and university billing, review all return to Title IV calculations, there were inconsistencies in how that second review was being performed. To standardize the process, we have added a checklist for the second reviewer to use when verifying the calculations. The checklist will assure that all appropriate considerations have been made during the return to Title IV calculation. Additionally, after a return is calculated and sent to the office of scholarship and financial aid (OSFA) and the student account is adjusted by OSFA, a student account services and university billing employee will reconcile the adjusted student account to the return worksheet and sign off on the checklist attesting to this action. This additional process will capture keying errors in the future.</p>	\$245.00