

MICHIGAN TECHNOLOGICAL UNIVERSITY

SINGLE AUDIT ACT COMPLIANCE

FOR THE YEAR ENDED JUNE 30, 2011

**MICHIGAN TECHNOLOGICAL UNIVERSITY
SINGLE AUDIT ACT COMPLIANCE**

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**INDEPENDENT AUDITORS' REPORT ON THE SCHEDULE
OF EXPENDITURES OF FEDERAL AWARDS**

December 16, 2011

Board of Control
Michigan Technological University
Houghton, Michigan

We have audited the financial statements of the business-type activities and the discretely presented component unit of *Michigan Technological University*, (the "University"), as of and for the year ended June 30, 2011 and have issued our report thereon dated December 16, 2011. Our audit was performed for the purpose of forming opinions on the financial statements taken as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.



MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
U.S. Department of Education			
Student Financial Assistance Cluster			
84.033	Federal Work-Study Program -n/a-	-n/a-	\$ 226,886
84.038	Federal Perkins Loan Program-Federal Capital Contributions -n/a-	-n/a-	1,532,595
84.063	Federal Pell Grant Program -n/a-	-n/a-	6,323,091
84.007	Federal Supplemental Educational Opportunity Grants -n/a-	-n/a-	346,900
84.268	Federal Direct Student Loans -n/a-	-n/a-	31,698,483
84.375	Academic Competitiveness Grants -n/a-	-n/a-	278,999
84.376	National Science and Mathematics Access to Retain Talent (SMART) Grants -n/a-	-n/a-	<u>957,772</u>
Total Student Financial Aid Cluster			<u>41,364,726</u>
Other Programs			
Direct Programs			
U.S. Department of Agriculture			
10.unk	No CFDA Number		
	08-JV-11242306-064	-n/a-	113,606
	FS #08-CR-11242306-089 MOD 1	-n/a-	52,254
	AG-56A1-C-10-0001 LETTER DATED 2/17/2010	-n/a-	7,612
	09-CR-11242306-085	-n/a-	8,925
	09-PA-11242306-142	-n/a-	317
	AG-54A7-P-10-0119 LETTER DATED 2/10/2011	-n/a-	99,837
	10-CS-11090100-029	-n/a-	2,077
			92,457
			<u>12,015</u>
			<u>389,100</u>
10.652	Forestry Research 11-CA-11330124-051	-n/a-	<u>2,031</u>
Total U.S. Department of Agriculture			<u>391,131</u>
U.S. Department of Commerce			
11.unk	No CFDA Number		
	Award 06-01-05321	-n/a-	<u>43,512</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Other Programs - Continued			
Direct Programs - Continued			
U.S. Department of Interior			
15.unk	No CFDA Number		
	TASK AGRMT NO J6310090048	-n/a-	<u>\$ 58,072</u>
U.S. Department of Labor			
17.600	Mine Health and Safety Grants		
	MS-20139-10-55-R-26	-n/a-	<u>69,370</u>
U.S. Department of Transportation			
20.200	Highway Research and Development Program		
	DTFH61-09-H-00001	-n/a-	<u>242,588</u>
National Aeronautics and Space Administration			
43.unk	No CFDA Number		
	NNX09AI91H	-n/a-	<u>30,733</u>
National Science Foundation			
47.041	Engineering Grants		
	EEC-0835986	-n/a-	<u>11,038</u>
47.050	Geosciences		
	GEO-0608039	-n/a-	(8,320)
	GEO-0933026	-n/a-	<u>76,917</u>
			<u>68,597</u>
47.075	Social, Behavioral, and Economic Sciences (B)		
	BCS-0951493	-n/a-	<u>20,000</u>
47.076	Education and Human Resources		
	HRD-0714197	-n/a-	15,782
	HRD-0820083	-n/a-	133,751
	DRL-0741709	-n/a-	486,113
	DUE-0831948	-n/a-	602,302
	DUE-0967056	-n/a-	79,358
	DGE-1051031	-n/a-	84,175
	DUE-0806569	-n/a-	3,108
	DRL-0833542	-n/a-	388,247
	DUE-0965996	-n/a-	<u>6,201</u>
			<u>1,799,037</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Other Programs - Continued			
Direct Programs - Concluded			
National Science Foundation - Concluded			
47.078	Polar Programs ARC-0808798	-n/a-	\$ 2,088
47.082	ARRA- Trans-NSF Recovery Act Research Support (B) DUE-0934763	-n/a-	87,438
	DGE-0841073	-n/a-	<u>274,469</u>
			<u>361,907</u>
47.unk	No CFDA Number ADVANCE ACCOUNT	-n/a-	<u>8,765</u>
Total National Science Foundation			<u>2,271,432</u>
U.S. Environmental Protection Agency			
66.513	Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study MA-91686301-1	-n/a-	<u>232</u>
U.S. Department of Energy			
81.086	ARRA- Conservation Research and Development DE-EE0002493	-n/a-	<u>1,270,274</u>
U.S. Department of Education			
84.116N	Fund for the Improvement of Postsecondary Education P116N080002	-n/a-	<u>15,880</u>
84.184	Safe and Drug-Free Schools and Communities_ National Programs CONTRACT #Q184H090021	-n/a-	<u>127,876</u>
84.185	Byrd Honors Scholarships -n/a-	-n/a-	<u>48,000</u>
84.200	Graduate Assistance in Areas of National Need P200A090124	-n/a-	<u>86,090</u>
Total U.S. Department of Education			<u>277,846</u>
National Archives and Records Administration			
89.003	National Historical Publications and Records Grants NAR09-RB-50059-09	-n/a-	<u>38,542</u>
Total Other Programs - Direct Programs			<u>4,693,732</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Other Programs - Continued			
Pass-through Programs			
U.S. Department of Agriculture			
10.558	Child and Adult Care Food Program -n/a-	Michigan Department of Education	\$ 10,786
U.S. Department of Labor			
17.275	ARRA- Worker Training and Placement Competitive Grants 10-205-01	Macomb/St. Clair Workforce Development Board, Inc.	100,104
U.S. Department of Transportation			
20.unk	No CFDA Number		
	207K034	University of Wisconsin-Madison	10,374
	SUBAWARD DTMA1G10001	University of Wisconsin-Superior	18,104
	2009-0753 AUTH 1 JOB 108673	Michigan Dept of Transportation	64,215
	2009-0750 AUTH Z2 JOB 108257	Michigan Dept of Transportation	1,801
	2009-0752 AUTH Z3 PROJ 108899	Michigan Dept of Transportation	341,095
	MASTER 2010-0468 Z3	Michigan Dept of Transportation	313,762
	2010-0319	Michigan Dept of Transportation	57,047
	2009-0751 Z1 #108279, 78, 81	Michigan Dept of Transportation	71,814
	2011-0063 AUTH 1 JOB #112265	Michigan Dept of Transportation	18,183
	DTMA1G10001	University of Wisconsin-Superior	12,786
			<u>909,181</u>
20.701	University Transportation Centers Program 28OKO11	University of Wisconsin-Madison	<u>3,240</u>
Total U.S. Department of Transportation			<u>912,421</u>
National Aeronautics and Space Administration			
43.unk	No CFDA Number		
	CHECK #1988116	University of Michigan	1,435
	CHECK #1988116	University of Michigan	961
	CH #1445506	University of Michigan	6,960
	MSGC CK#2038558	University of Michigan	1,908
	CHECK #2038558	University of Michigan	2,509
	CHECK #2214175	University of Michigan	2,723
	CHECK #2214175	University of Michigan	1,397
	CHECK #2214175	University of Michigan	1,176
	CHECK #2214175	University of Michigan	314
	CHECK #2214175	University of Michigan	2,830
	CHK #1847384	University of Michigan	71
	CHECK #2214175	University of Michigan	5,000
	CHECK #2214175	University of Michigan	2,500
	CHECK #2214175	University of Michigan	2,500
	CHECK #2214175	University of Michigan	2,500
	CHECK #2213028	University of Michigan	5,086
	CHECK #2214175	University of Michigan	5,000
	CHECK # 2213028	University of Michigan	3,674
	CHECK #2213028	University of Michigan	5,000
	CHECK #2213028	University of Michigan	5,000
	CHECK #2214175	University of Michigan	2,769
	CHECK#2213028	University of Michigan	383
	CHECK #2491144	University of Michigan	2,500

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Other Programs - Continued			
Pass-through Programs - Concluded			
National Aeronautics and Space Administration - Concluded			
43.unk	No CFDA Number		
	CHECK #2491144	University of Michigan	\$ 4,022
	CHECK #2491144	University of Michigan	1,508
	CHECK #2491144	University of Michigan	2,403
	CHECK #2491144	University of Michigan	5,000
	CHECK #2491144	University of Michigan	<u>442</u>
Total National Aeronautics and Space Administration			<u>77,571</u>
National Endowment for the Arts			
45.025	Promotion of the Arts Partnership Agreements		
	-n/a-	Art Midwest	<u>2,400</u>
National Science Foundation			
47.076	Education and Human Resources		
	2010 ITEST SUM-001	DAPCEP	<u>235,557</u>
Small Business Administration			
59.037	Small Business Development Centers (B,J,K,L)		
	CONTRACT AGREEMENT	Six County Employment Alliance Region	<u>21,216</u>
U.S. Department of Energy			
81.unk	No CFDA Number		
	PERC AGREEMENT	Lawrence Livermore National Security, LLC	<u>3,856</u>
U.S. Department of Education			
84.116	Fund for the Improvement of Postsecondary Education		
	SUBCONTRACT #12913	North Dakota State University	23,760
84.334	Gaining Early Awareness and Readiness for Undergraduate Programs (B)		
	GRANT 09-00-07	Michigan Department of Labor and Economic Growth	10,339
	GRANT #10-00-007	Michigan Department of Labor and Economic Growth	<u>20,967</u>
			<u>31,306</u>
84.unk	No CFDA Number		
	GRANT #090290-8694	Michigan Department of Education	<u>27,190</u>
Total U.S. Department of Education			<u>82,256</u>
U.S. Environmental Protection Agency			
66.460	Nonpoint Source Implementation Grants		
	PROJECT #2008-0008	Michigan Department of Environmental Quality	<u>40,481</u>
Total Other Programs - Pass-through Programs			<u>1,486,648</u>
Total Other Programs			<u>6,180,380</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs			
Direct Programs with CFDA Numbers			
U.S. Department of Agriculture			
10.025	Plant and Animal Disease, Pest Control and Animal Care		
	08-8100-1133-CA	-n/a-	\$ 12
	10-8100-1133-CA	-n/a-	54,415
			<u>54,427</u>
10.202	Cooperative Forestry Research		
	2010-32100-06098	-n/a-	128,103
	2011-32100-06098	-n/a-	161,123
			<u>289,226</u>
10.206	Grants for Agricultural Research-Competitive Research Grants		
	2007-35301-18036	-n/a-	<u>3</u>
10.310	Agriculture and Food Research Initiative		
	2009-65504-05767	-n/a-	<u>267,135</u>
10.652	Forestry Research		
	05-CA-11242343-043 MOD #2	-n/a-	<u>(3,319)</u>
10.675	Urban and Community Forestry Program		
	11-DG-11420004-020	-n/a-	<u>9,836</u>
10.680	Forest Health Protection		
	07-CA-11420004-131	-n/a-	(5,064)
	07-CA-11420004-091 MOD A1	-n/a-	(106)
	08-CA-11420004-239	-n/a-	(288)
	07-CA-11420004-132	-n/a-	(1)
	09-CA-11420004-110	-n/a-	6,500
	09-CA-11420004-109	-n/a-	19,250
	09-CA-11420004-140	-n/a-	21,146
	09-CA-11420004-308	-n/a-	70,670
	10-DG-11420004-143	-n/a-	61,472
			<u>173,579</u>
10.687	ARRA-Capital Improvement and Maintenance		
	10-PA-11094419-074	-n/a-	23,503
	10-PA-11094419-083	-n/a-	104,964
			<u>128,467</u>
10.688	ARRA-Wildland Fire Management		
	10-CA-11420004-621	-n/a-	<u>417,571</u>
Total U.S. Department of Agriculture			<u>1,336,925</u>
U.S. Department of Defense			
12.300	Basic and Applied Scientific Research		
	N00014-09-1-0438 MOD #P00003	-n/a-	125,588
	N00014-10-1-0434	-n/a-	153,917
			<u>279,505</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Continued			
U.S. Department of Defense - Concluded			
12.420	Military Medical Research and Development		
	W81XWH-09-1-0734	-n/a-	\$ 104,338
	W81-XWH-10-1-0879	-n/a-	<u>62,737</u>
			<u>167,075</u>
12.431	Basic Scientific Research		
	W911NF-09-1-0221	-n/a-	<u>98,183</u>
12.800	Air Force Defense Research Sciences Program		
	FA9550-07-1-0053	-n/a-	532
	FA9550-09-1-0273	-n/a-	39,687
	FA9550-09-1-0375	-n/a-	<u>74,571</u>
			<u>114,790</u>
12.901	Mathematical Sciences Grants Program		
	H98230-10-1-0177	-n/a-	36,128
	H98230-10-1-0159	-n/a-	<u>23,285</u>
			<u>59,413</u>
Total U.S. Department of Defense			<u>718,966</u>
U.S. Department of Housing and Urban Development			
14.902	Lead Technical Studies Grants		
	MTU CO #1103057	-n/a-	<u>3,886</u>
U.S. Department of Interior			
15.224	Cultural Resource Management		
	AGMT NO LAA 08 0008/L08AC14728	-n/a-	<u>34,557</u>
15.234	Secure Rural Schools and Community Self-Determination		
	L07AC14987 & L08AC13082	-n/a-	<u>10,136</u>
15.236	ARRA- Environmental Quality and Protection Resource Management		
	L10AC20007	-n/a-	<u>142,910</u>
15.407	Keweenaw National Historical Park Enhancement Grants		
	C201000004	-n/a-	<u>6,100</u>
15.647	Migratory Bird Conservation		
	GRANT AGRMT NO 301818G068	-n/a-	8,443
	301819G086	-n/a-	<u>4,688</u>
			<u>13,131</u>
15.608	Fish and Wildlife Management Program		
	COOP AGMT NO 30181AJ195	-n/a-	161,196
	AGREEMENT NO 70181BJ030	-n/a-	<u>21,888</u>
			<u>183,084</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Continued			
U.S. Department of Interior - Concluded			
15.808	U.S. Geological Survey Research and Data Collection		
	G10AC00335	-n/a-	\$ 224,304
	G11AC20032	-n/a-	8,160
			<u>232,464</u>
15.815	National Land Remote Sensing-Education Outreach and Research Outreach and Research		
	SUB-AWARD AGRMT AV08-MI01	-n/a-	<u>14,161</u>
15.944	National Resource Stewardship		
	TASK AGRMT J6310110025	-n/a-	<u>25,347</u>
Total U.S. Department of Interior			<u>661,890</u>
U.S. Department of Justice			
16.560	National Institute of Justice Research and Development Grants		
	2010-DE-BX-K003	-n/a-	<u>49,916</u>
U.S. Department of Transportation			
20.701	University Transportation Centers Program		
	DTRT06-G-0033 MOD 1	-n/a-	<u>315,603</u>
National Aeronautics and Space Administration			
43.001	Aerospace Education Services Program (L)		
	NNX11AF42G	-n/a-	<u>2,572</u>
43.009	Cross Agency Support		
	NNX09AM50A	-n/a-	<u>67,136</u>
Total National Aeronautics and Space Administration			<u>69,708</u>
National Science Foundation			
47.041	Engineering Grants		
	ECCS-0643420	-n/a-	49,491
	BES-0524872	-n/a-	121,948
	IIP-0832427	-n/a-	13,273
	CBET-0904459	-n/a-	(222)
	ECS-0528967	-n/a-	24,543
	CBET-0651790	-n/a-	3,286
	EEC-0835987	-n/a-	113,878
	CBET-0748049	-n/a-	77,277
	EEC-0741490	-n/a-	22,056
	ECS-0501419	-n/a-	(416)
	CMMI-0900582	-n/a-	63,324
	CBET-0931587	-n/a-	76,139
	CMMI-0926819	-n/a-	53,922
	CBET-0933058	-n/a-	43,246
	ECCS-0925881	-n/a-	55,901
	ECCS-0901094	-n/a-	94,061
	ECCS-0968850	-n/a-	77,305

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Continued			
National Science Foundation - Continued			
47.041	Engineering Grants - Concluded		
	CMMI-0701264	-n/a-	\$ 52,226
	IIP-1034699	-n/a-	12,818
	CBET-0952218	-n/a-	28,791
	CBET-1014818	-n/a-	17,666
	CBET-1032547	-n/a-	62,290
	CBET-1033591	-n/a-	112,468
	CBET-1034700	-n/a-	59,697
	CBET-1039062	-n/a-	93,431
	CBET-1041338	-n/a-	25,351
	CMMI-0725636	-n/a-	322,356
	CMMI-1049294	-n/a-	15,926
	CMMI-1100423	-n/a-	20,626
	EEC-1009617	-n/a-	3,409
	EEC-1024628	-n/a-	40,873
	EEC-1025191	-n/a-	99,696
	EEC-1025220	-n/a-	42,454
	EEC-1062886	-n/a-	24,533
			<hr/> 1,923,623
47.049	Mathematical and Physical Sciences		
	PHY-0652844	-n/a-	2,604
	DMR-0447555 AMD # 001	-n/a-	53,442
	CHE-0647129	-n/a-	31,139
	DMS-0805946	-n/a-	52,273
	CHE-0809002	-n/a-	135,019
	DMR-0820884	-n/a-	(359)
	DMR-0709669	-n/a-	7,946
	DMR-0906709	-n/a-	178,881
	DMR-1002521	-n/a-	3
	DMR-0965081	-n/a-	98,073
	DMR-0968792	-n/a-	92,054
	PHY-1002445	-n/a-	45,958
	CHE-1048655	-n/a-	180,000
	PHY-0968205	-n/a-	64,736
			<hr/> 941,769
47.050	Geosciences		
	ATM-0554670	-n/a-	40,443
	ATM-0720955	-n/a-	111,399
	EAR-0910795	-n/a-	5,571
	ATM-0931505	-n/a-	68,506
	EAR-0948526	-n/a-	72,826
	AGS-1026123	-n/a-	53,843
	AGS-1028998	-n/a-	55,389
	AGS-1039742	-n/a-	206,296
	EAR-1045406	-n/a-	31,443
	EAR-1053655	-n/a-	16,766
	EAR-1053794	-n/a-	13,947
	OCE-0628545	-n/a-	30,630
			<hr/> 707,059

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Continued			
National Science Foundation - Continued			
47.070	Computer and Information Science and Engineering		
	CNS-0644056	-n/a-	\$ 62,071
	CCF-0347592-AMD 003	-n/a-	2,747
	CCF-0133777-AMD 004	-n/a-	(2,547)
	CNS-0720781	-n/a-	48,540
	CCF-0811427	-n/a-	2,825
	IIS-0832922	-n/a-	63,003
	CNS-0829619	-n/a-	69,592
	CCF-0950678	-n/a-	26,970
	CNS-1017887	-n/a-	49,170
	IIS-1017935	-n/a-	59,986
			<hr/> 382,357
47.074	Biological Sciences		
	DEB-0814864	-n/a-	45,011
	DEB-0613730	-n/a-	57,094
	IOS-0848071	-n/a-	39,571
	DEB-1019928	-n/a-	95,062
			<hr/> 236,738
47.076	Education and Human Resources		
	DUE-0837220	-n/a-	34,449
	DUE-0836861	-n/a-	30,110
	DGE-0333401-AMD 009	-n/a-	53,072
	DUE-0618537	-n/a-	60,137
	DRL-0940883	-n/a-	43,309
	DUE-0967057	-n/a-	90,187
	DRL-1052958	-n/a-	14,524
	DUE-0817445	-n/a-	40,619
	DUE-1003389	-n/a-	60,293
	DUE-1023022	-n/a-	25,487
	HRD-1036706	-n/a-	11,462
			<hr/> 463,649
47.079	International Science and Engineering		
	OISE-0530109	-n/a-	349,863
	OISE-0608608	-n/a-	13,958
	OISE-1036265	-n/a-	99,025
			<hr/> 462,846

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Continued			
National Science Foundation - Concluded			
47.082	ARRA-Trans-NSF Recovery Act Research Support		
	OISE-0854050	-n/a-	\$ 60,891
	CMMI-0900015	-n/a-	47,419
	ECCS-0856650	-n/a-	146,667
	EEC-0935088	-n/a-	45,511
	DEB-0918247	-n/a-	116,744
	DMS-0915023	-n/a-	2,149
	CBET-0929207	-n/a-	95,610
	EEC-0934567	-n/a-	25,540
	CMMI-0936726	-n/a-	10,255
	CBET-0933017	-n/a-	2,558
			<u>553,344</u>
	Total National Science Foundation		<u>5,671,385</u>
U.S. Environmental Protection Agency			
66.469	Great Lakes Program		
	GL-00E00472-0	-n/a-	50,712
	GL-00E00559-0	-n/a-	32,198
	GL-00E00561-0	-n/a-	63,621
	GL-00E00560-0	-n/a-	40,763
			<u>187,294</u>
66.509	Science To Achieve Results (STAR) Research Program		
	RD-83428601-0	-n/a-	28,521
			<u>28,521</u>
66.515	Greater Opportunities: Research Program		
	GR-832371010-0	-n/a-	12,080
			<u>12,080</u>
	Total U.S. Environmental Protection Agency		<u>227,895</u>
U.S. Department of Energy			
81.049	Office of Science Financial Assistance Program		
	DE-FG02-06ER46294 A001, A002	-n/a-	107,465
	DE-FC02-06ER64158 AMEND #A005	-n/a-	109,503
	DE-FC02-06ER64158	-n/a-	88,364
	DE-FC02-06ER64158 A005	-n/a-	1,380,384
	DE-FG02-99ER41107-AMD A008	-n/a-	245,158
	DE-FG02-95ER62125-AMD A019	-n/a-	341,162
	DE-SC0002196	-n/a-	141,684
			<u>2,413,720</u>
81.049	ARRA- Office of Science Financial Assistance Program		
	DE-FG02-99ER41107-MOD 014	-n/a-	97,563
			<u>97,563</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
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For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Continued			
U.S. Department of Energy - Concluded			
81.087	Renewable Energy Research and Development		
	DE-FG36-08GO18108	-n/a-	\$ 117,437
	DE-FG36-08GO88104	-n/a-	(2,233)
	DE-FG36-05GO15003 A003	-n/a-	<u>56,756</u>
			<u>171,960</u>
81.117	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance		
	DE-EE0000204	-n/a-	<u>455,096</u>
Total U.S. Department of Energy			<u>3,138,339</u>
U.S. Department of Education			
84.116J	Fund for the Improvement of Postsecondary Education		
	P116J090018	-n/a-	31,993
	P116J090031-ACTION NO. 01	-n/a-	<u>45,941</u>
Total U.S. Department of Education			<u>77,934</u>
U.S. Department of Health and Human Services			
93.262	Occupational Safety and Health Program		
	1R03OH009312-01A1	-n/a-	<u>76,461</u>
93.286	Discovery and Applied Research for Technological Innovations to Improve Human Health		
	1 R15 EB008883-01A1	-n/a-	26,947
	1 R03 EB009806-01A1	-n/a-	<u>53,513</u>
			<u>80,460</u>
93.396	Cancer Cause and Prevention Research		
	1 R15 CA152828-01	-n/a-	<u>119,444</u>
93.396	ARRA- Cancer Cause and Prevention Research		
	1 R21 NS062392-01A1	-n/a-	5,575
	3 R 15 HL088689-01A1S1	-n/a-	(939)
	1 RC1 ES018612-01	-n/a-	351,631
	2 R15 AR051906-02A2	-n/a-	<u>65,519</u>
			<u>421,786</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with CFDA Numbers - Concluded			
U.S. Department of Health and Human Services - Concluded			
93.837	Cardiovascular Diseases Research		
	1 R15 HL093705-01	-n/a-	\$ 27,285
	1R21HL093568-01A2	-n/a-	283,076
	1R21HL098676-01	-n/a-	238,900
			<u>549,261</u>
93.839	Blood Diseases and Resources Research		
	1 R15 HL088689-01A1	-n/a-	<u>17,401</u>
93.846	Arthritis, Musculoskeletal and Skin Diseases Research		
	1 R15 AR050420-03	-n/a-	<u>80,482</u>
93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research		
	7 R03 DK084166-03	-n/a-	<u>28,281</u>
93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders		
	7 R01 NS040270-09	-n/a-	<u>174,996</u>
93.859	Biomedical Research and Research Training		
	1R15GM076055-01A2	-n/a-	61,837
	5 R01 GM062838-06	-n/a-	193,349
	1 R15 GM088795-01	-n/a-	21,248
			<u>276,434</u>
93.865	Child Health and Human Development Extramural Research		
	1R15HD061096-01A2	-n/a-	30,020
	7R03HD057864-03	-n/a-	83
	5 R01 HD058553-03	-n/a-	379,901
			<u>410,004</u>
Total U.S. Department of Health and Human Services			<u>2,235,010</u>
Total Research and Development Programs - Direct Programs with CFDA Numbers			<u>14,507,457</u>
Pass-through Programs with CFDA Numbers			
U.S. Department of Agriculture			
10.025	Plant and Animal Disease, Pest Control, and Animal Care		
	GRANT #791N0200350	Michigan Dept of Agriculture	58,420
	791N1300316	Michigan Dept of Agriculture	14,740
	RE683-053/4784056	University of Georgia	17,344
			<u>90,504</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Pass-through Programs with CFDA Numbers - Continued			
U.S. Department of Agriculture - Concluded			
10.688	ARRA-Wildland Fire Management		
	791N1300318	Michigan Dept of Agriculture	\$ 5,711
	791N1300317	Michigan Dept of Agriculture	9,447
	GRANT #ARRA 10-03	Michigan Dept of Natural Resources	12,320
			<u>27,478</u>
Total U.S. Department of Agriculture			<u>117,982</u>
U.S. Department of Commerce			
11.431	Climate and Atmospheric Research		
	3001768645	University of Michigan	60,080
11.432	Office of Oceanic and Atmospheric Research (OAR) Joint and Cooperative Institutes		
	PO #3001042375	Regents of the University of Michigan	108
	PO #3001278616	University of Michigan	177,296
			<u>177,404</u>
11.473	Coastal Services Center		
	RC00S08-02	Great Lake Observing System	68,599
Total U.S. Department of Commerce			<u>306,083</u>
U.S. Department of Defense			
12.300	Basic and Applied Scientific Research		
	SUBAWARDM #5710002044	Massachusetts Institute of Technology	160,771
12.800	Air Force Defense Research Sciences Program		
	3001381267 P2	University of Michigan	239,731
	718243	The Henry M. Jackson Foundation	1,346
			<u>241,077</u>
Total U.S. Department of Defense			<u>401,848</u>
U.S. Department of Transportation			
20.602	Occupant Protection Incentive Grants		
	GRANT #OP-11-04	Michigan Dept of State Police	40,088
20.701	University Transportation Centers Program		
	UNIVERSITY #144 051044 4	University of Wisconsin-Superior	43,524
	GRT00005994	Ohio State University	276
			<u>43,800</u>
Total U.S. Department of Transportation			<u>83,888</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Pass-through Programs with CFDA Numbers - Continued			
National Aeronautics and Space Administration			
43.001	Aerospace Education Services Program 2010T-02	Universidad del Turabo	<u>\$ 92,737</u>
National Science Foundation			
47.041	Engineering Grants SUBCONTRACT # F004025	University of Michigan	<u>15,307</u>
47.050	Geosciences SUBAWARD NUMBER 80-8 663.1085.01	IRIS A/P Nevada System of Higher Education	<u>8,919</u> <u>6,820</u> <u>15,739</u>
47.074	Biological Sciences G-3080-2 4374-MTU-NSF-5974 478501-19959	Colorado State University Pennsylvania State University Virginia Polytechnic Institute & State University	<u>3,320</u> <u>15,201</u> <u>2,632</u> <u>21,153</u>
47.076	Education and Human Resources AWARD #64016152 64016228 PO#191200	University of Central Florida University of Central Florida	<u>17,555</u> <u>36,605</u> <u>54,160</u>
47.079	International Science and Engineering (OISE) KYC2-2926-BI-07/CRDF#16196	U.S. Civilian Research & Development Foundation	<u>6,043</u>
47.082	ARRA- Trans-NSF Recovery Act Research Support 08-003989-01	University of California at Davis	<u>6,598</u>
Total National Science Foundation			<u>119,000</u>
U.S. Environmental Protection Agency			
66.419	Water Pollution Control State, Interstate, and Tribal Program Support AGRMT #081162 PO #31892	Little River Band of Ottawa Indians	<u>1,687</u>
66.469	Great Lakes Program EPA-636-01	Great Lake Observing System	<u>40,768</u>
Total U.S. Environmental Protection Agency			<u>42,455</u>
U.S. Department of Energy			
81.049	Office of Science Financial Assistance Program G-0113-1 P2 2010-001/210079 PO#RC-P1101336	Colorado State University Marshall University Research Corporation	<u>71,735</u> <u>159,637</u> <u>231,372</u>

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Pass-through Programs with CFDA Numbers - Continued			
U.S. Department of Energy - Concluded			
81.087	Renewable Energy Research and Development		
	BMP/MTU AGRMT DATED 5/7/10	Ballard Power Systems	\$ 108,696
	AGMT #G012026-269	Consortium Plant Biotechnology Research Inc	41,726
	FORD PO# A 10 PO11 159794	Ford Motor Corp - Ford Research & Advanced Engineering	<u>109,392</u>
			<u>259,814</u>
81.087	ARRA- Renewable Energy Research and Development		
	SUBCONTRACT #S162	Gas Technology Institute	<u>34,712</u>
Total U.S. Department of Energy			<u>525,898</u>
U.S. Department of Education			
84.116	Fund for the Improvement of Postsecondary Education		
	2008-1905-01	North Carolina State University	<u>59,541</u>
U.S. Department of Health and Human Services			
93.233	National Center on Sleep Disorders Research		
	SUBCONTRACT #F011919 AMD 5	University of Michigan	<u>33,091</u>
93.701	ARRA-Trans-NIH Recovery Act Research Support		
	3001408483 P1	University of Michigan	<u>74,281</u>
93.837	Cardiovascular Diseases Research		
	SUBAWARD #HL060276	Pennsylvania State University	<u>23,999</u>
93.847	Diabetes, Digestive, and Kidney Diseases Extramural Research		
	PO #4012	Proteos Inc	<u>111,309</u>
93.865	Child Health and Human Development Extramural Research		
	0019544	University of Pittsburgh	<u>11,731</u>
Total U.S. Department of Health and Human Services			<u>254,411</u>
Total Research and Development Programs - Pass-through Programs with CFDA Numbers			<u>2,003,843</u>
Direct Programs with no CFDA Numbers			
U.S. Department of Agriculture			
10.unk	No CFDA Number		
	06-CS-11221662-158	-n/a-	15,522
	09-CR-11242306-048	-n/a-	47,808
	08-CS-11010800-026, MTU#080726	-n/a-	17,988
	08-CS-11242306-106	-n/a-	2,039
	09-JV-11242307-009 MOD 1	-n/a-	64,954
	07-CS-11221662-307	-n/a-	53,816
	07-CR-11242300-056	-n/a-	45,012
	AG-3187-C-09-0016	-n/a-	52,537
	06-JV-11231300-028-MOD 1	-n/a-	1,207
	06-CS-11090700-027	-n/a-	978
	08-JV-11052007-231	-n/a-	937
	09-JV-11242305-058	-n/a-	8,679
	09-CR-11242306-086	-n/a-	94,859
	09-CS-11091000-023	-n/a-	6,582

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MICHIGAN TECHNOLOGICAL UNIVERSITY
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For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with no CFDA Numbers - Continued			
U.S. Department of Agriculture - Concluded			
10.unk	No CFDA Number - Concluded		
	09-JV-11242306-087	-n/a-	\$ 32,506
	09-CR-11242313-108	-n/a-	1,148
	05-CS-11091000-021 MOD # 03	-n/a-	(60)
	10-JV-11242313-051	-n/a-	254,754
	RJVA #05-JV-11231300-043MOD1&2	-n/a-	(296)
	MTU CO #1008038	-n/a-	650
	10-JV-11242305-119	-n/a-	12,272
	02-JV-11231300-084	-n/a-	10,540
	07-CR-11242300-048 MOD 1	-n/a-	15,323
	08-JV-11221633-222	-n/a-	9,924
	10-JV-11242307-067	-n/a-	19,677
	10-JV-11242307-068	-n/a-	5,407
	11-CS-11090100-006	-n/a-	73,209
	11-CS-11090700-026	-n/a-	32
Total U.S. Department of Agriculture			848,004
U.S. Department of Defense			
12.unk	No CFDA Number		
	W911NF-06-2-0029	-n/a-	28,082
	N00421-09-D-0003, DO # 0001	-n/a-	162,362
	W56HZV-08-C-0525 WD AMMS-004	-n/a-	18,087
	W56HZV-08-C-0525 WD AMMS-005	-n/a-	366,162
	W56HZV-08-C-0525 WD AMMS-008	-n/a-	92,235
	W56HZV-08-C0525 WD AMMS-002	-n/a-	51,160
	W56HZV-08-C-0525 WD AMMS-007	-n/a-	225,012
	W56HZV-08-C-0525 WD AMMS-010	-n/a-	135,070
	W56HZV-08-C-0525 WD AMMS-009	-n/a-	187,285
	W56HZV-08-C-0525 WD AMMS-006	-n/a-	652,039
	FA8750-05-C-0237 P00007	-n/a-	629,585
	DAAE07-00-L052 MOD P00027 WD32	-n/a-	2,038
	DAAE07-00-C-L052 P24 WD#30	-n/a-	(895)
	W9132T-10-C-0026	-n/a-	420,933
	W911NF-09-2-0026	-n/a-	56,602
	4/13/10 ASSIGNMENT AGMT	-n/a-	239,445
	W911NF-10-2-0069	-n/a-	807,267
	N00421-09-D-0003 DO#0002	-n/a-	914,396
	W56HZV-09-C-0477 MTU-TSS-001	-n/a-	13,320
	W56HZV-09-C-0477 WD-MTU-TSS 02	-n/a-	3,155
	W56HZV-09-C-0477 WD TSS-003	-n/a-	272,432
	W56HZV-08-C-0525 MTU-AMMS-011	-n/a-	325,135
	W56HZV-08-C-0525 MTU-AMMS-012	-n/a-	60,303
	W56HZV-08-C-0525 MTU-AMMS-013	-n/a-	61,443
	W56HZV-09-C-0477 MTU-TSS-004	-n/a-	609,476
	W56HZV-09-C-0477 WDMTU-TSS-005	-n/a-	28,231
	W56HZV-08-C-0525 MTU-AMMS-014	-n/a-	254,064
	W56HZV-08-C-0525 MTU-AMMS-015	-n/a-	160,290
	W9132T-10-C-0026 MOD P00007	-n/a-	284,507
	W913E5-11-C-0001	-n/a-	51,549
	W56HZV-08-C-0525 AMMS-019	-n/a-	52,370

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CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with no CFDA Numbers - Continued			
U.S. Department of Defense - Concluded			
12.unk	No CFDA Number - Concluded		
	W56HZV-08-C-0525 MTU-AMMS-020	-n/a-	\$ 88,777
	W912HZ-10-C-0021	-n/a-	47,766
	W56HZV-09-C-0477 MOD 7	-n/a-	49,653
	W15P7T-10-C-A609	-n/a-	37,049
	N00421-09-D-003 DO 0003	-n/a-	55,758
	W56HZV-08-C-0525	-n/a-	148,583
	W56HZV-08-C-0525 MOD P00006	-n/a-	303,294
	W56HZV-08-C-0525 MTU-AMMS-014	-n/a-	112,343
	W56HZV-08-C-0525 MTU-AMMS-016	-n/a-	46,930
	W56HZV-08-C-0525 P00007	-n/a-	472,925
	W56HZV-09-C-0477 WD MTU-TSS003	-n/a-	55,692
			<u>8,581,910</u>
12.unk	ARRA - No CFDA Number		
	W9132T-10-C-0037	-n/a-	32,814
			<u>32,814</u>
Total U.S. Department of Defense			<u>8,614,724</u>
U.S. Department of Interior			
15.unk	No CFDA Number		
	H6000C02000-J631005N004/001&2	-n/a-	4,990
	H6000082000 TASK J6320080002	-n/a-	36,814
	H6000082000 TASK J6067080012	-n/a-	49,180
	H6000082000 J6320096201	-n/a-	1,811
	ORDER NO. G10PX00542	-n/a-	51,337
	TASK AGRMT J6320106203	-n/a-	14,854
	ORDER NO. 30181AM415	-n/a-	22,328
			<u>22,328</u>
Total U.S. Department of Interior			<u>181,314</u>
U.S. Department of Transportation			
20.unk	No CFDA Number		
	DTOS59-10-H-00001	-n/a-	540,776
	DTFH61-10-P-00121	-n/a-	35,767
			<u>35,767</u>
Total U.S. Department of Transportation			<u>576,543</u>
National Aeronautics and Space Administration			
43.unk	No CFDA Number		
	NNX08AK69G	-n/a-	127,674
	NNX09AD32G	-n/a-	56,079
	NNX07AU58A	-n/a-	18,262
	NNX07AR26G	-n/a-	204,911
	NNX08AF80G	-n/a-	17,530
	NNX09AJ40G	-n/a-	97,719
	NNX09AM31G	-n/a-	47,176
	NNX09AM15G	-n/a-	220,077

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CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Direct Programs with no CFDA Numbers - Concluded			
National Aeronautics and Space Administration - Concluded			
43.unk	No CFDA Number - Concluded		
	NNX09A017G	-n/a-	\$ 34,976
	NNX09AU88G	-n/a-	86,831
	NNX10AF41G	-n/a-	152,493
	ORDER NO NNG10RD08P	-n/a-	29,763
	NNX10AJ59G	-n/a-	61,672
	NNX10AV37G	-n/a-	30,811
	NNX11AC72G	-n/a-	<u>62,148</u>
Total National Aeronautics and Space Administration			<u>1,248,122</u>
National Science Foundation			
47.unk	No CFDA Number		
	CCF-0643664	-n/a-	87,506
	EAR-0711453	-n/a-	5,723
	SES-0624118	-n/a-	52,443
	ARC-0713992	-n/a-	<u>111,659</u>
Total National Science Foundation			<u>257,331</u>
U.S. Department of Health and Human Services			
93.unk	No CFDA Number		
	NIOSH #254-2010-M-35313	-n/a-	29,174
	NIOSH-CDC #254-2011-M-38171	-n/a-	<u>11,298</u>
Total U.S. Department of Health and Human Services			<u>40,472</u>
Total Research and Development Programs - Direct Programs with no CFDA Numbers			<u>11,766,510</u>
Pass-through Programs with no CFDA Numbers			
U.S. Department of Agriculture			
10.unk	No CFDA Number		
	TNC/MITECH042011	Nature Conservancy	<u>5,800</u>
U.S. Department of Commerce			
11.unk	No CFDA Number		
	WC133R10CN0350	LimnoTech Inc	<u>150,000</u>
U.S. Department of Defense			
12.unk	No CFDA Number		
	MTU SBIR AGRMT & PO #X0602	Craft Engineering Associates Inc	30,702
	SUB #1065-S01-HRSSI	Helios Remote Sensing Systems	31,397
	MATSYS AGRMT #SA-09-11	MATSYS Inc.	55,068
	SUB #4400149824	Science Applications International Corporation	87,506
	SUBCONTRACT #P010025638	Science Applications International Corporation	31,716
	SAIC SUB #4400154387 MOD 3	Science Applications International Corporation	709,585
	P010038798	Science Applications	61,499

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CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Pass-through Programs with no CFDA Numbers - Continued			
U.S. Department of Defense - Concluded			
12.unk	No CFDA Number - Concluded		
	DYNETICS PO #PB000802	Dynetics, Inc.	\$ 60,392
	PO 2242001001	Decisive Analytics Corporation	23,074
	SUB #D-5810-S1 AMD 6	Georgia Institute of Technology	21,148
	FA8650-10-C-1718-01	Integrity Applications Incorporated	94,698
	FA8650-10-C-1704-01	Integrity Applications Incorporated	192,296
	REAP AGRMT 09-105,130,129	Academy of Applied Science	492
	GD PO #40076930	General Dynamics	131,667
	SUB AGRMT #TCN 09175	Battelle Columbus Operations	23,051
	INCITOR AGRMT #6-09	Incitor Incorporated	30,521
	PO#Z1101	Craft Engineering Associates Inc	2,215
	MTU AGRMT #090546	Aerophysics	69,215
	SUBCONTRACT NO 060803-360409-01	Mississippi State University	331,485
	CHECK #1320	Academy of Applied Science	2,600
	GDLS PO #40111323 REV. 1	General Dynamics	1,779
	N00178-04-D-4023-25 TI079	BMT Designers & Planners Inc	10,000
Total U.S. Department of Defense			2,002,106
U.S. Department of Interior			
15.unk	No CFDA Number		
	PO#NMJ00000225 & PO#NMA0000039	Wisconsin Dept of Natural Resources	(951)
	AGREEMENT DATED 1/19/11	Little River Band Ottawa Indians	1,810
	PO# NMB00000095	Wisconsin Dept of Natural Resources	74,604
Total U.S. Department of Interior			75,463
U.S. Department of Transportation			
20.unk	No CFDA Number		
	CONTRACT #89258 WO NO. 1	Minnesota Dept of Transportation	2,246
	2006-0414 AUTHOR Z22	Michigan Dept of Transportation	68,256
	2006-0414 AUTH 21	Michigan Dept of Transportation	83,262
	2006-0414 AUTH 10 JOB#108484	Michigan Dept of Transportation	51,734
	NAS CONTRACT #HR 18-13 MOD #2	National Academies	365,133
	PO RF01096863/PJT 60011901	Ohio State Univ Research Foundation	2,790
	2006-0414 AUTHORIZATION Z18R1	Michigan Dept of Transportation	27,917
	2009-0750 AUTHORIZATION Z3	Michigan Dept of Transportation	2,125
	PROJECT ID: 0092-09-04	Wisconsin Dept of Transportation	53,892
	2009-0750 AUTH Z1	Michigan Dept of Transportation	61,495
	ISU #474-17-40	National Concrete Pavement Technology Center	4,906
	ORE0910	Applied Pavement Technology Inc.	9,531
Total U.S. Department of Transportation			733,287
National Aeronautics and Space Administration			
43.unk	No CFDA Number		
	SUBAWARD NO Z638701	University of Maryland, College Park	220
	U OF M CK #2000433	University of Michigan	(23)
	U OF M CK #2000433 MSGC	University of Michigan	275
	U OF M CK #2000433	University of Michigan	419

Continued

MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Continued)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Continued			
Pass-through Programs with no CFDA Numbers - Continued			
National Aeronautics and Space Administration - Concluded			
43.unk	No CFDA Number - Concluded		
	U OF M MSGC CK #2000433	University of Michigan	\$ (9)
	CHECK #2214175	University of Michigan	3,470
	CHECK #2214175	University of Michigan	4,399
	CHECK # 2214175	University of Michigan	2,673
	X09-7059-MTU	National Institute of Aerospace	74,762
	AWARD #0008149	University of Pittsburgh	6,580
	CHECK #2214175	University of Michigan	4,338
	CHECK #2214175	University of Michigan	4,519
	CK# 2214175	University of Michigan	5,000
	25-0514-0108-002	University of Nebraska - Lincoln	41,686
	3001740972	University of Michigan	195
	CHECK #2491144	University of Michigan	2,643
Total National Aeronautics and Space Administration			151,147
National Science Foundation			
47.unk	ARRA- No CFDA Number		
	P.O. NO. NJ1374	Integrated Photonics Inc	(2,162)
47.unk	No CFDA Number		
	UW PO #694077 MTU #100607	University of Washington - Friday Harbor Labs	604
Total National Science Foundation			(1,558)
U.S. Environmental Protection Agency			
66.unk	No CFDA Number		
	CONTRACT DATED 9/7/10	Houghton-Keweenaw Conservation District	12,599
U.S. Department of Energy			
81.unk	ARRA- No CFDA Number		
	MTU AGMT #090655	UOP LLC	94,029
81.unk	No CFDA Number		
	AM SOC FOR ENG ED INC.CK 45152	Argonne National Laboratory	35,339
	LLNS SUBCONTRACT #B579701	Lawrence Livermore National Security LLC	41,916
	MTU SUBAWARD	American Process Incorporated	49,012
	77219-001-009	Los Alamos National Laboratory	23,209
	SUBCONTRACT #85842-001-10	Los Alamos National Laboratory	21,409
	DOC-2105 AND PO 1672	Michigan Economic Development Corporation	389,866
	SUBCONTRACT NO 1F-30621	Argonne National Laboratory	24,263
	SUBCONTRACT NO. 1F-30581	Argonne National Laboratory	16,589
	SUBCONTRACT NO 119585	Battelle Memorial Institute	25,569
	180327	Brookhaven National Laboratory	1,039
	CONTRACT NO. 139191	Battelle Memorial Institute	108,031
	PO #1103234	Sandia National Laboratories	50,535
	CONFIRMING ORDER 100604	University of Nevada, Reno	4,337
	AXH-0-40493-01	National Renewable Energy Laboratory	309,463
			1,100,577
Total U.S. Department of Energy			1,194,606

Continued

MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards (Concluded)
For the Year Ended June 30, 2011

CFDA Number	Federal Program Name Grant/Contract Number	Pass-through Entity	Federal Expenditures
Research and Development Programs - Concluded			
Pass-through Programs with no CFDA Numbers - Concluded			
U.S. Department of Education			
84.unk	No CFDA Number		
	24-1122-001-002	University of Nebraska - Lincoln	\$ 20,941
	SUB COOP AGMT DTD 2/16/09	Higher Education For Development	<u>101,228</u>
Total U.S. Department of Education			<u>122,169</u>
Total Research and Development Programs - Pass-through Programs with no CFDA Number			<u>4,445,619</u>
Total Research and Development Programs			<u>32,723,429</u>
Total Expenditures of Federal Awards			<u><u>\$ 80,268,535</u></u>

See accompanying notes to schedule of expenditures of federal awards.

MICHIGAN TECHNOLOGICAL UNIVERSITY

Notes to Schedule of Expenditures of Federal Awards

1. BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal grant activity of Michigan Technological University (the "University") under programs of the federal government for the year ended June 30, 2011. The information in this schedule is presented in accordance with the requirements of the Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. 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 assets or cash flows of the University.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the Schedule are reported on the accrual basis of accounting, which is described in note 1 to the University's financial statements. Such expenditures are recognized following the cost principles contained in OMB Circular A-21, *Cost Principles for Educational Institutions*, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Revenues are recognized when the qualifying expenditures have been incurred and all grant requirements have been met. 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.

3. SUBRECIPIENTS

Of the Federal expenditures presented in the schedule, Michigan Technological University provided federal awards to subrecipients, as follows:

<u>Program Title</u>	<u>CFDA Number</u>	<u>Amount Provided to Subrecipients</u>
Forest Health Protection	10.680	\$ 14,461
U.S. Department of Defense	12.unk	1,071,672
Secure Rural Schools and Community Self-Determination	15.234	4,967
Environmental Quality and Protection Resource Management	15.236	37,795
National Institute of Justice Research And Development Grants	16.560	12,337
U.S. Department of Transportation	20.unk	124,885
National Aeronautics and Space Administration	43.unk	229,936
Engineering Grants	47.041	84,790

MICHIGAN TECHNOLOGICAL UNIVERSITY

Notes to Schedule of Expenditures of Federal Awards (Concluded)

<u>Program Title</u>	<u>CFDA Number</u>	<u>Amount Provided to Subrecipients</u>
Geosciences	47.050	\$ 47
Biological Sciences	47.074	15,585
Education and Human Resources	47.076	526,713
Trans-NSF Recovery Act Research Support	47.082	22,099
Small Business Development Centers	59.037	4,249
Greater Research Opportunities (GRO) Research Program	66.515	12,080
Office of Science Financial Assistance Program	81.049	1,340,198
U.S. Department of Energy	81.unk	14,279
Fund for the Improvement of Postsecondary Education	84.116	27,269
Trans-NIH Recovery Act Research Support	93.701	128,122
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	112,826
Child Health and Human Development Extramural Research	93.865	213,176

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INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

December 16, 2011

Board of Control
Michigan Technological University
Houghton, Michigan

We have audited the financial statements of the business-type activities and the discretely presented component unit of *Michigan Technological University*, (the "University"), as of and for the year ended June 30, 2011, which collectively comprise the University's basic financial statements and have issued our report thereon dated December 16, 2011. We conducted our audit 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.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the University's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of University's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over financial reporting.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of the internal control over financial reporting 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 financial reporting that might be deficiencies, significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free of 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*.

We noted certain matters that we reported to management of the University, in a separate letter dated October 6, 2011.

This report is intended solely for the information and use of management and the Board of Control, federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

A handwritten signature in black ink that reads "Lehmann Johnson". The signature is written in a cursive, flowing style.

**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE WITH
REQUIREMENTS THAT COULD HAVE A DIRECT AND MATERIAL
EFFECT ON EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER
COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133**

December 16, 2011

Board of Control
Michigan Technological University
Houghton, Michigan

Compliance

We have audited the compliance of Michigan Technological University (the "University"), with the types of compliance requirements described in the *U.S. Office of Management and Budget (OMB) Circular A-133 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, 2011. The University's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

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 OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 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. Our audit does not provide a legal determination of the University's compliance with those requirements.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2011.

Internal Control Over Compliance

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered the University's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, 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.

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

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 deficiencies, significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of management and the Board of Control, federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

A handwritten signature in black ink that reads "Lehmann Johnson". The signature is written in a cursive, flowing style.

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Findings and Questioned Costs

For The Year Ended June 30, 2011

SECTION I – SUMMARY OF AUDITORS’ RESULTS

Financial Statements

Type of auditors’ report issued: *Unqualified*

Internal controls over financial reporting:

Material weakness(es) identified? _____ yes x no

Significant deficiency(ies) identified? _____ yes x none reported

Noncompliance material to financial statements noted? _____ yes x no

Federal Awards

Internal control over major programs:

Material weakness(es) identified? _____ yes x no

Significant deficiency(ies) identified? _____ yes x none reported

Type of auditors’ report issued on compliance for major programs: *Unqualified*

Any audit findings disclosed that are required to be reported in accordance with Circular A-133, Section 510(a)? _____ yes x no

Identification of Major Programs

<u>CFDA Number(s)</u>	<u>Name of Federal Program or Cluster</u>
84.007, 84.033, 84.038, 84.063, 84.268, 84.375, 84.376	Student Financial Assistance Cluster
Various	Research and Development Cluster
Dollar threshold used to distinguish between Type A and Type B programs:	<u>\$ 2,408,056</u>
Auditee qualified as low risk auditee?	<u> x </u> yes _____ no

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Findings and Questioned Costs (Concluded)

For The Year Ended June 30, 2011

SECTION II – FINANCIAL STATEMENT FINDINGS

None

SECTION III – FEDERAL AWARDS FINDINGS

None

SECTION IV – SUMMARY OF PRIOR AUDIT FINDINGS

**Finding 2010-1: Immaterial Noncompliance/Significant Deficiency in Internal Control over Compliance
 Various U.S. Departments and Agencies
 Various CFDA #'s Research and Development Cluster
 Procurement, Suspension and Debarment**

The University had procedures in place to check the extended parties list system at <http://www.epls.gov/> for consultants and subrecipients, however, the University did not check the system for other types of vendors.

This matter was corrected during the current year.

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