

MICHIGAN TECHNOLOGICAL UNIVERSITY

SINGLE AUDIT REPORT

FOR THE YEAR ENDED JUNE 30, 2007



REHMANN ROBSON

Certified Public Accountants

**MICHIGAN TECHNOLOGICAL UNIVERSITY
SINGLE AUDIT**

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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**

November 26, 2007

Board of Control
Michigan Technological University
Houghton, Michigan

We have audited the financial statements of Michigan Technological University, as of and for the year ended June 30, 2007, and have issued our report thereon dated November 26, 2007, which was qualified for a GAAP departure related to revenue recognition. As more fully described in Note 15, for fiscal 2007, the University recorded a delayed appropriation from the State of Michigan that was re-appropriated in fiscal 2008 as a receivable in the Statement of Net Assets with the corresponding revenue recorded in the Statement of Revenues, Expenses and Changes in Net Assets. In our opinion, accounting principles generally accepted in the United States of America require that state appropriations be recognized in the period appropriated. If this appropriation had been recorded in conformity with accounting principles generally accepted in the United States of America, current assets and unrestricted net assets would be decreased by \$4,474,400 at June 30, 2007 and state appropriations would be decreased by the same amount for the year then ended. Except as discussed in the preceding sentences, 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 Michigan Technological University's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Michigan Technological University's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of Michigan Technological University's internal control over financial reporting.

A control deficiency 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 misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles, such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of the internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be 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 Michigan Technological 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*.

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
APPLICABLE TO EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER
COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133**

November 26, 2007

Board of Control
Michigan Technological University
Houghton, Michigan

Compliance

We have audited the compliance of Michigan Technological University, with the types of compliance requirements described in the *U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement* that are applicable to each of its major federal programs for the year ended June 30, 2007. Michigan Technological 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 Michigan Technological University's management. Our responsibility is to express an opinion on Michigan Technological 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 Michigan Technological 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 Michigan Technological University's compliance with those requirements.

In our opinion, Michigan Technological University complied, in all material respects, with the requirements referred to above that are applicable to each of its major federal programs for the year ended June 30, 2007.

Internal Control Over Compliance

The management of Michigan Technological 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 Michigan Technological 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, 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 Michigan Technological University's internal control over compliance.

A control deficiency in an entity's internal control over compliance 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 noncompliance with a type of compliance requirement of a federal program on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by the entity's internal control.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be 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.

Schedule of Expenditures of Federal Awards

We have audited the financial statements of Michigan Technological University as of and for the year ended June 30, 2007 and have issued our report thereon dated November 26, 2007, which was qualified for a GAAP departure related to revenue recognition. As more fully described in Note 15, for fiscal 2007, the University recorded a delayed appropriation from the State of Michigan that was re-appropriated in fiscal 2008 as a receivable in the Statement of Net Assets with the corresponding revenue recorded in the Statement of Revenues, Expenses and Changes in Net Assets. In our opinion, accounting principles generally accepted in the United States of America require that state appropriations be recognized in the period appropriated. If this appropriation had been recorded in conformity with accounting principles generally accepted in the United States of America, current assets and unrestricted net assets would be decreased by \$4,474,400 at June 30, 2007 and state appropriations would be decreased by the same amount for the year then ended. Our audit was performed for the purpose of forming an opinion 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 financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the financial statements taken as a whole.

This report is intended solely for the information and use of management, 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 Expenditures of Federal Awards
For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Student Financial Aid Cluster				
Direct Programs with CFDA Numbers				
US Department of Education				
84.033	Federal Work-Study Program			
	College Work Study Program	-n/a-	-n/a-	\$ 273,365
84.038	Federal Perkins Loan Program_Federal Capital Contributions			
	Perkins	-n/a-	-n/a-	3,237,749
84.063	Federal Pell Grant Program			
	Pell Grant Scholarship	-n/a-	-n/a-	2,882,596
84.066	TRIO_Educational Opportunity Centers			
	Supplemental Education Opportunity Grant	-n/a-	-n/a-	393,196
84.268	Federal Direct Student Loans			
	Federal Direct Loans	-n/a-	-n/a-	17,838,160
84.375	Academic Competitiveness Grants			
	Academic Competitiveness Grant	-n/a-	-n/a-	195,062
84.376	National Science and Mathematics Access to Retain Talent (SMART) Grants			
	National SMART Grant	-n/a-	-n/a-	730,138
Total US Department of Education - Direct Programs with CFDA Numbers				25,550,266
Student Financial Aid (No CFDA)				
Direct Programs with no CFDA Number				
US Department of Education				
84.unk	No CFDA Number			
	Robert C. Byrd Honors	-n/a-	-n/a-	42,000
Total Student Financial Aid				25,592,266

MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs (Non-Student Financial Aid)				
Direct Programs				
US Department of Transportation				
20.215	Highway Training and Education			
	USTRA/MTTI-Kristina Fields Assistance	-n/a-	DDEGRD-04-X-00410	\$ 5,152
National Aeronautics and Space Administration				
43.unk	No CFDA Number			
	USNAS-Jacob Fugal Fellowship	-n/a-	NNX06AF98H	22,979
National Science Foundation				
47.076	Education and Human Resources			
	NSF-Jacob Fugal Fellowship	-n/a-	DGE-0539494	2,500
	NSF-Matthew Drewek Fellowship	-n/a-	DGE-0539494	35,500
	NSF-Meghan McGee Fellowship	-n/a-	DGE-0539494	40,500
				78,500
47.unk	No CFDA Number			
	NSF-ADV ACCT-Erin Satchell Fellowship	-n/a-	DGE-0539494	39,646
	NSF-MUSTI-ADV ACCT-Mark Griep Fellowship	-n/a-	DGE-0539494	43,287
	NSF-Nancy Bachmann Fellowship	-n/a-	DGE-0539494	38,000
	NSF-SFI-Valerie Fuchs Fellowship	-n/a-	DGE-0539494	38,000
				158,933
Total National Science Foundation				237,433

MICHIGAN TECHNOLOGICAL UNIVERSITY
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs (Non-Student Financial Aid) - continued				
Direct Programs - continued				
US Environmental Protection Agency				
66.513	Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study			
	EPA-Joseph Bump Fellowship	-n/a-	MA-91652601-0,1,2	\$ 17,156
US Department of Education				
84.200	Graduate Assistance in Areas of National Need			
	USEDU-GAANN-YR2-Carlson Fellowship	-n/a-	P200A030192-05-ACTION NO. 03	27,086
	USEDU-GAANN-YR2-Copeland Fellowship	-n/a-	P200A030192-05-ACTION NO. 03	23,771
	USEDU-GAANN-YR2-Jeltenma Fellowship	-n/a-	P200A030192-05-ACTION NO. 03	32,048
	USEDU-GAANN-YR2-Lewandowski Fellowship	-n/a-	P200A030192-05-ACTION NO. 03	31,105
	USEDU-GAANN-YR2-Miller Fellowship	-n/a-	P200A030192-05-ACTION NO. 03	1,583
	USEDU-GAANN-YR2-Weigand Fellowship	-n/a-	P200A030192-05-ACTION NO. 03	39,087
Total US Department of Education				154,680
Total Other Programs (Non-Student Financial Aid) - Direct Programs				437,400

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Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs (Non-Student Financial Aid) - continued				
Pass-through Programs				
National Aeronautics and Space Administration				
43.unk	No CFDA Number			
	UNIVE-BRC-K. Jarvey-Spaceflight	University of Michigan	SPACE GRT CK#1622876	\$ 624
	UNIVE-Deborah Beach/Cement Kiln Dus	University of Michigan	CHECK # 1393425	4,970
	UNIVE-E Fossum Electron Dynamics	University of Michigan	SPACE GRT CHK 1201262	126
	UNIVE-Emily McCarthy/volcanic Water	University of Michigan	CHECK # 1393425	5,000
	UNIVE-J Fugal-HOLODEC II	University of Michigan	SPACE GRT CHK #1201262	827
	UNIVE-Keith Magic/Black Bear Bones	University of Michigan	CHECK # 1393425	1,644
	UNIVE-P. Younk-Cosmic Ray Analysis	University of Michigan	SPACE GRT CK#1622876	1,323
	UNIVE-Pat Younk/Analysis Ultra High	University of Michigan	CHECK # 1393425	4,462
	UNIVE-R. Bradford-Bone Maintenance	University of Michigan	SPACE GRT CK#1622876	2,856
	UNIVE-S. Irish-Ozonolysis & Hydroxi	University of Michigan	SPACE GRT CK#1622876	149
	UNIVE-T Bonham-Satellite Depl Dyn	University of Michigan	SPACE GRT CHK #1201262	98
	UNIVE-T. Swanson-Meniscal Tissue	University of Michigan	SPACE GRT CK#1622876	500
	UNIVE-Tara Hansenn/Knee Joint Menis	University of Michigan	CHECK 3 1393425	2,471
	UNIVE-Tim Weber/High Altitude Glide	University of Michigan	CHECK #1393425	2,494
	UNIVE-Zevalkink/High Altitude Glide	University of Michigan	CHECK # 1393425	2,497
Total National Aeromautics and Space Administration				30,041
US Department of Energy				
81.087	Renewable Energy Research and Development			
	CONSO-BRC-Fellow Protein	Consortium Plant Biotechnology Research Inc	GO12026-228	2,563
Total Other Programs (Non-Student Financial Aid) - Pass-through Programs				32,604
Total Other Programs (Non-Student Financial Aid)				470,004

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs				
Direct Programs with CFDA Numbers				
US Department of Agriculture				
10.001	Agricultural Research_Basic and Applied Research			
	USAGR-Dev Observ on Pico Mtn	-n/a-	58-3625-5-127 MOD #1	\$ 18,604
10.025	Plant and Animal Disease, Pest Control, and Animal Care			
	USAGR-ESC/Emeral Ash Borer Trapping	-n/a-	06-8100-1133-CA	69,611
	USAGR-ESC/Emerald Ash Borer GRA	-n/a-	06-8100-1133-CA	10,582
				<u>80,193</u>
10.202	Cooperative Forestry Research			
	M/S-FY 06 Wolf/Moose Population	-n/a-	FY06 MCINTIRE STENNIS	1,997
	MS - Effect of Invasive Earthworms	-n/a-	FY 2007 MAC STENNIS	2,108
	MS - FY07 Admistrative	-n/a-	FY 2007 MAC STENNIS	31,930
	MS - FY07 Bucker Training	-n/a-	FY 2007 MAC STENNIS	4,616
	MS - FY07 Insect Incidence	-n/a-	FY 2007 MAC STENNIS	543
	MS - Stand Dynamics	-n/a-	FY 2007 MAC STENNIS	380
	MS-BRC FY 06 Biotechnology	-n/a-	FY06 MCINTIRE STENNIS	2,459
	MS-BRC FY 06 Cellulose Aspen	-n/a-	FY06 MCINTIRE STENNIS	1,484
	MS-BRC FY 06 Cryopreservation	-n/a-	FY06 MCINTIRE STENNIS	3,271
	MS-BRC-Cryopreservation	-n/a-	FY 2007 MAC STENNIS	7,944
	MS-BRC-Molecular Genetics	-n/a-	FY 2007 MAC STENNIS	1,674
	MS-BRC-Tree Biotechnology	-n/a-	FY 2007 MAC STENNIS	6,908
	MS-ESC FY 06 Northern Hardwoods	-n/a-	FY06 MCINTIRE STENNIS	4,778
	MS-ESC FY 06 Parent Material Map	-n/a-	FY06 MCINTIRE STENNIS	2,183
	MS-ESC FY 06 Underrepresented Tr	-n/a-	FY06 MCINTIRE STENNIS	3,463
	MS-ESC-FY07 C02 & 03	-n/a-	FY 2007 MAC STENNIS	1,135
	MS-ESC-FY07 Mortality Model	-n/a-	FY 2007 MAC STENNIS	6,981

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Agriculture - continued				
10.202	Cooperative Forestry Research - continued			
	MS-ESC-FY07 Sarracenia Pur	-n/a-	FY 2007 MAC STENNIS	\$ 1,076
	MS-ESC-FY07 Trees & Shrubs	-n/a-	FY 2007 MAC STENNIS	3,179
	MS-ESC-FY07 Wolf/Moose Pop	-n/a-	FY 2007 MAC STENNIS	7,000
	MS-FY 06 Canada Yew, Birds, Deer	-n/a-	FY06 MCINTIRE STENNIS	229
	MS-FY 06 Greenhouse Gases Wiscon	-n/a-	FY06 MCINTIRE STENNIS	4,627
	MS-FY 06 Hardwood Defect Images	-n/a-	FY06 MCINTIRE STENNIS	(56)
	MS-FY 06 Improve Thimbleberry	-n/a-	FY06 MCINTIRE STENNIS	3,335
	MS-FY 06 Jack Pine Forests	-n/a-	FY06 MCINTIRE STENNIS	545
	MS-FY 06 Linking Fiber Production	-n/a-	FY06 MCINTIRE STENNIS	(1,700)
	MS-FY 06 Sarracenia Purpurea	-n/a-	FY06 MCINTIRE STENNIS	1,761
	MS-FY 06 Vegetation & Disturbance	-n/a-	FY06 MCINTIRE STENNIS	3,455
	MS-FY 06 Western UP Land Use CTR	-n/a-	FY06 MCINTIRE STENNIS	3,097
	MS-FY 07-Hrv Efects Soils	-n/a-	FY 2007 MAC STENNIS	3,431
	MS-FY06 Administration	-n/a-	FY06 MCINTIRE STENNIS	51,239
	MS-FY07 Biofuel Prod	-n/a-	FY 2007 MAC STENNIS	3,200
	MS-FY07 Hist Vegetation	-n/a-	FY 2007 MAC STENNIS	2,761
	MS-FY07 Mold Suscept	-n/a-	FY 2007 MAC STENNIS	5,676
	MS-FY07-Nearshore Forest	-n/a-	FY 2007 MAC STENNIS	4,618
	MS-Impr Thimbleberry	-n/a-	FY 2007 MAC STENNIS	528
				<hr/>
				181,855

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Agriculture - continued				
10.206	Grants for Agricultural Research	Competitive Research Grants		
	USAGR/BRC -GRA-Genetic Engrg Trees	-n/a-	2005-35103-15256	\$ (5,111)
	USAGR/BRC-Genetic Engineering Trees	-n/a-	2005-35103-15256	76,519
	USAGR/PBC-GRA-Molecular Dissemination	-n/a-	2003-35103-12906	(314)
	USAGR-BRC Crbn Nanotubes Bact Arays	-n/a-	2007-35603-17740	8,313
	USAGR-Carbon Nanotube Arrays-Bactr	-n/a-	2007-35603-17740	31,468
	USAGR-GRA-Functional Gene Discovery	-n/a-	2004-35300-14687	28,410
	USAGR-PBC/Functional Gene Discovery	-n/a-	2004-35300-14687	100,199
	USAGR-PBC/Molecular Dissection	-n/a-	2003-35103-12906	20,603
	USAGR-PBC/Syringyl Monolignol Genes	-n/a-	2002-35301-12048	32,051
				<hr/> 292,138
10.652	Forestry Research			
	USAGR/ESC-Carbon & Nitrogen Cycling	-n/a-	04-CA-11242343-069	(3)
	USDA/ESC-Soil Carbon Cycling & Stor	-n/a-	05-CA-11242343-043 MOD #1	17,878
				<hr/> 17,875
10.664	Cooperative Forestry Assistance			
	USAGR/ESC-Eval Health of Ash Trees	-n/a-	03-CA-11244225-577-MOD NO. A3	15,502
	USAGR/ESC-GRA-Eval Health Ash Trees	-n/a-	03-CA-11244225-577-MOD NO. A3	15,796
	USAGR/ESC-Interactions in Red Pine	-n/a-	05-CA-11244225-153 MOD A1	3,035
	USAGR-ESC-Interactions in Red Pine	-n/a-	05-CA-11244225-153 MOD A1	21,128
				<hr/> 55,461

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Agriculture - continued				
10.672	Rural Development, Forestry, and Communities			
	USAGR-Recycle Value Added Parts	-n/a-	03-DG-11244225-476-MOD A2	\$ 6,268
10.673	Wood In Transportation Program			
	USAGR-Rd Pine/Eastern Hemlock Bridg	-n/a-	04-DG-11244225-469	5,863
10.680	Forest Health Protection			
	USAGR/ESC 2006 Emerald Ash Borer	-n/a-	06-CA-11244225-079	13,082
	USAGR/ESC -Mi/Wis Emerald Ash Borer	-n/a-	05-CA-11244225-071	(7)
	USAGR-ESC Emerald Ash Rfn Trp Tree	-n/a-	07-CA-11420004-131	2,683
	USAGR-ESC/2006 Emerald Ash Borer	-n/a-	06-CA-11244225-079	226,379
	USAGR-ESC/Phloem Removal fr Ash	-n/a-	05-CA-11244225-296	20,417
	USAGR-ESC/Wood & Bark Infesting Bee	-n/a-	06-CA-11244225-267	1,966
	USAGR-ESC-07 Emerald Ash	-n/a-	07-CA-11420004-091	96,047
	USAGR-ESC-C/S-Pblc Awr Firewd Em	-n/a-	06-DG-11244225-320	9,338
	USAGR-ESC-Spnr-Pblc Awr Firewd Em	-n/a-	06-DG-11244225-320	4,088
	USAGR-Garlic Mustard invasion in Mi	-n/a-	05-DG-11244225-044	3,507
	USAGR-GRA-Garlic Mustard Invasion	-n/a-	05-DG-11244225-044	5,917
				<u>383,417</u>
Total US Department of Agriculture				<u>1,041,674</u>
US Department of Commerce				
11.431	Climate and Atmospheric Research			
	USCOM-RSI-FT/MBL Measur Azores	-n/a-	NA03OAR4310002-AMD NO. 2	46,476
	USCOM-RSI-FT/MBL Measurements-Azore	-n/a-	NA03OAR4310002-AMD NO. 2	45,724
Total US Department of Commerce				<u>92,200</u>

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Defense				
12.300	Basic and Applied Scientific Research			
	OFFIC-IEM-Dvlp Hgh Magneto	-n/a-	N00014-07-1-0484	\$ 12,638
	OFFIC-IME/Breathing Photonic Crystl	-n/a-	N00014-03-1-0038-MOD P00003	8,694
				<hr/> 21,332
12.800	Air Force Defense Research Sciences Program			
	USAIR - Image Reconstruction	-n/a-	FA9550-05-1-0404 P00002	44,084
	USAIR/IME-GRA Vapor Liquid-Metal	-n/a-	F49620-03-1-0027-MOD P00003	(6,577)
	USAIR/IME-YR 3 Liquid Metal	-n/a-	F49620-03-1-0027-MOD P00003	18,260
	USAIR/IME-YR2 Vapor Liquid-Metal	-n/a-	F49620-03-1-0027-MOD P00003	(23)
	USAIR/IME-YR3 Vapor Liquid-Metal	-n/a-	F49620-03-1-0027-MOD P00003	3,775
	USAIR-CISSIC-YR 2 Image Reconstruct	-n/a-	FA9550-05-1-0404 P00002	130,395
	USAIR-CISSIC-YR 4 Image Reconstruct	-n/a-	FA9550-05-1-0404 P00002	70,935
	USAIR-MuSTI-Self Reg Nanotips	-n/a-	FA9550-07-1-0053	57,520
	USAIR-Nanostlt Space Sit Awarens	-n/a-	FA9550-07-1-0263	5,958
	USAIR-YR 3-PECASE: Bismuth Thruster	-n/a-	FA9550-05-1-0001 P00001	96,086
	USAIR-YR1-PECASE: Bismuth Thruster	-n/a-	FA9550-05-1-0001 P00001	8
	USAIR-YR2-PECASE: Bismuth Thruster	-n/a-	FA9550-05-1-0001 P00001	4,345
				<hr/> 424,766
12.901	Mathematical Sciences Grants Program			
	NATIO-GRA-Symmetric Objects Coding	-n/a-	H98230-05-1-0088 P0001	4,136
	NATIO-Symmetric Objects in Coding	-n/a-	H98230-05-1-0088 P0001	10,721
	OFFIC-Classical & Quantum Codes Res	-n/a-	H98230-06-1-0027	20,623
				<hr/> 35,480
Total US Department of Defense				<hr/> 481,578

MICHIGAN TECHNOLOGICAL UNIVERSITY

Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Interior				
15.224	Cultural Resource Management			
	USBUR-MTRI-ALWAS II	-n/a-	LAF 07 0001, AMEND #002 TO#3	\$ 27,293
15.608	Fish and Wildlife Management Assistance			
	USFIS-ESC/Glossy Buckthorn Control	-n/a-	30181-6-J022	4,529
Total US Department of Interior				31,822
US Department of Transportation				
20.701	University Transportation Centers Program			
	USTRA-MTTI/MiSTI 2006 Sponsor Funds	-n/a-	DTRT06-G-0033	190,765
National Science Foundation				
47.041	Engineering Grants			
	NATIO-GRA-PERC-Blkot Likelihd	-n/a-	ECS-0501419	26,508
	NATIO-MuSTI-CAREER MOLFET	-n/a-	ECCS-0643420	9,217
	NATIO-MuSTI-GRA-CAREER MOLFET	-n/a-	ECCS-0643420	6,961
	NATIO-PERC-Redc Blackout Likelihood	-n/a-	ECS-0501419	62,789
	NSF - CAREER: GRA	-n/a-	CTS-0348058 AMD #002	64,550
	NSF - Rayleigh-Taylor Instability	-n/a-	CTS-0325743	230
	NSF - REU - GOALI:Grained Ceramics	-n/a-	CMS-0324461-AMD 002	685
	NSF/CISSIC - ITR: Mobile Remote	-n/a-	ECS-0427430-AMD 1-3	26,462
	NSF/CISSIC- ITR: Mobile Remote	-n/a-	ECS-0427430-AMD 1-3	16,907
	NSF/CISSIC- REU - Mobile Remote	-n/a-	ECS-0427430-AMD 1-3	8,683
	NSF/CISSIC-Electr Engg for Non-EE	-n/a-	EEC-0415962-AMD 002	58,898
	NSF/CISSIC-GRA-Eelctr for Non EE	-n/a-	EEC-0415962-AMD 002	87,117
	NSF/CISSIC-GRA-ITR-Mobile Remote	-n/a-	ECS-0427430-AMD 1-3	12,096
	NSF/CISSIC-REU-Elect Eng for Non-EE	-n/a-	EEC-0415962-AMD 002	2,128
	NSF/CISSIC-Undergrad Fabricated Eq	-n/a-	ECS-0427430-AMD 1-3	(547)
	NSF/CISSID-GRA-ITR: Mobile Remote	-n/a-	ECS-0427430-AMD 1-3	14,028
	NSF/CLASM - Product Modularity	-n/a-	DMI-0323497-AMD 001	87,307
	NSF/IEM-Nano Magnet Faraday	-n/a-	ECS-0520814 AMD #001	71,536

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
National Science Foundation - continued				
47.041	Engineering Grants - continued			
	NSF/SFI - GRA Rnw Engery Forest Res	-n/a-	BES-0524872	\$ 10,156
	NSF/SFI - GRA -Thermoplastic Resins	-n/a-	DMI-0456537 AMD #001	23,658
	NSF/SFI - Renew Energy forest Res	-n/a-	BES-0524872	223,963
	NSF/SFI - Thermoplastic Resins	-n/a-	DMI-0456537 AMD #001	72,903
	NSF/SFI-GRA Renew Energy Forest Res	-n/a-	BES-0524872	64,233
	NSF/SFI-GRA Rnw Energy Forest Res	-n/a-	BES-0524872	42,000
	NSF/SFI-Participnt Rnw Engry Frst Rs	-n/a-	BES-0524872	352
	NSF/SFI-Renew Energy Forestry Res	-n/a-	BES-0524872	44,754
	NSF/SFI-REU Site in Sustainability	-n/a-	EEC-0453174 AMD # 002	90,879
	NSF-APS-MRI Dev Combustion Vessel	-n/a-	CTS-0619585	261,555
	NSF-CAREER: Fluid Dynamics	-n/a-	CTS-0348058 AMD #002	35,036
	NSF-CISSIC GRA Scalable Sensor	-n/a-	ECS-0528967	14,110
	NSF-CISSIC Scalable Crd for Sensor	-n/a-	ECS-0528967	7,182
	NSF-GOALI: Design Extrusion Dies	-n/a-	DMI-0200091	2,459
	NSF-GOALI-GRA-Ultrafine Gr Ceramic	-n/a-	CMS-0324461-AMD 002	20,247
	NSF-GOALI-Ultrafine Grained Ceramic	-n/a-	CMS-0324461-AMD 002	39,244
	NSF-IEM/RET Nano Magnet Faraday	-n/a-	ECS-0520814 AMD #001	5,910
	NSF-MuSTI/SGER:Explor Monomolecular	-n/a-	ECS-0617353	46,660
	NSF-Projects to Assist Disabled	-n/a-	BES-0079969-AMD 010	1,086
	NSF-Selective Volumetric Sintering	-n/a-	DMI-0542463	60,100
	NSF-SFI/(REU) Thermoplastic Resins	-n/a-	DMI-0456537 AMD #001	8,040
				<hr/>
				1,630,082

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
National Science Foundation - continued				
47.049	Mathematical and Physical Sciences			
	NATIO-GRA Study Heterogeneous Nucl	-n/a-	CHE-0410007-AMD 002	\$ 10,224
	NSF/IME-CAREER:Frontier Carbon Mtls	-n/a-	DMR-0447555 AMD # 001	35,666
	NSF/IME-General Ensemble Algorithms	-n/a-	CHE-0313618	92,007
	NSF/IME-GRA-Frontier Carbon Mat'ls	-n/a-	DMR-0447555 AMD # 001	47,945
	NSF/IME-GRA-Gener Ensembl Algorithm	-n/a-	CHE-0313618	40,173
	NSF-Adaptive Optical Telescopes	-n/a-	AST-0123466	17,783
	NSF-IEM/GRA-Equilibrium Thermodynam	-n/a-	DMR-0348895-AMD 003	(6,912)
	NSF-IME - Heterogeneous Nucleation	-n/a-	CHE-0410007-AMD 002	22,782
	NSF-IME/Equilibrium Thermodynamics	-n/a-	DMR-0348895-AMD 003	16,392
	NSF-Properties Lathanide & Actinide	-n/a-	PHY-0354793-AMD 002	51,449
	NSF-Smpl Mthds Oligonucleotide Pr	-n/a-	CHE-0647129	4,010
				<hr/>
				331,519
				<hr/>
47.050	Geosciences			
	NSF - Phase Doppler Interferometer	-n/a-	ATM-0320953-AMD 001	(2,041)
	NSF/RSI-Correlated Stochastic Proc.	-n/a-	ATM-0106271-AMD 003	(16,773)
	NSF/RSI-Ultra-Violet Dgtl Camra Volc	-n/a-	EAR-0337120 AMD 003	32,402
	NSF-Collab Rsch: Mono Lake Event	-n/a-	EAR-0439155	37,161
	NSF-CWS-Lake Sup Carbon Bal	-n/a-	OCE-0628545	48,524
	NSF-GRA-Correlated Stochastic Proc	-n/a-	ATM-0106271-AMD 003	(4,780)
	NSF/RSI/Midlatitude Lower Free Trop	-n/a-	ATM-0535486	141,651
	NSF/RSI/Nitrogen Oxides-N. Atlantic	-n/a-	ATM-0215843-AMD 001	8,695
	NSF/RSI/Physical Meteorology Proces	-n/a-	ATM-0554670	56,225
	NSF/RSI-Turbulence-Cloud	-n/a-	ATM-0535488	148,808
	NSF-SGER:Analysis S-Bearing Species	-n/a-	EAR-0457566	2,755
				<hr/>
				452,627
				<hr/>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	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			
	CAREER: GRA Future Level Parall	-n/a-	CCF-0347592-AMD 003	\$ 33,161
	NATIO-CISSIC-CAREER-RealTime Robust	-n/a-	CNS-0644056	3,451
	NATIO-ITR: GRA Exp Compiler to Hdwr	-n/a-	CCR-0312892-AMD 001	1,782
	NSF - CAREER: Memory Controller	-n/a-	CCF-0133777-AMD 004	4,281
	NSF - Optimization DSP Architecture	-n/a-	CCR-0209036	563
	NSF - US-Russian Collaborative Rsch	-n/a-	CCF-0310632-AMD 001	28,393
	NSF -GRA- CAREER:Memory Controller	-n/a-	CCF-0133777-AMD 004	24,072
	NSF- REU -Undergrad Software Eng	-n/a-	CCF-0417548-AMD 002	1,300
	NSF-(REU)- CAREER:Memory Controller	-n/a-	CCF-0133777-AMD 004	603
	NSF/CISSIC-CAREER:Signal Proces Rsc	-n/a-	CCR-0238174-AMD 002	28,397
	NSF/CISSIC-CAREER-GRA-Signal Proces	-n/a-	CCR-0238174-AMD 002	(100)
	NSF-CAREER: REU Level Parallesim	-n/a-	CCF-0347592-AMD 003	3,165
	NSF-CAREER:Future Level Parallelism	-n/a-	CCF-0347592-AMD 003	17,438
	NSF-CAREER:Memory Controller	-n/a-	CCF-0133777-AMD 004	2,418
	NSF-GRA-CAREER:Memory Controller	-n/a-	CCF-0133777-AMD 004	3,332
	NSF-ITR: Exposing Compiler to Hdwe.	-n/a-	CCR-0312892-AMD 001	(700)
	NSF-REU-CAREER:Memory Controller	-n/a-	CCF-0133777-AMD 004	3,515
	NSF-Undergrad Software Eng Curricul	-n/a-	CCF-0417548-AMD 002	1,771
				<hr/>
				156,842
47.074	Biological Sciences			
	NSF/BRC - Glycoside Metabolism	-n/a-	DBI-0421756 AMD 001-5	437,490
	NSF/BRC - PGRP Participant Support	-n/a-	DBI-0421756 AMD 001-5	5,610
	NSF/ESC-Interactions Wolves/Moose	-n/a-	DEB-0424562-AMD 001-4	2,572
	NSF/ESC-Nitrogen Satur/Altered Eco	-n/a-	DEB-0315138-AMD 003	65,253
	NSF-BRC/REU Phenolic Glycoside Meta	-n/a-	DBI-0421756 AMD 001-5	15,045
	NSF-ESC/REU Nitrogen Saturation	-n/a-	DEB-0315138-AMD 003	4,382

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
National Science Foundation - continued				
47.074	Biological Sciences - continued			
	NSF-ESC-Genes to Ecosystems	-n/a-	DEB-0614422	\$ 56,039
	NSF-ESC-Yellowstone Wolves	-n/a-	DEB-0613730	18,421
	NSF-GRA-Nitrogen Satuation	-n/a-	DEB-0315138-AMD 003	18,955
	NSF-PBC/CAREER:Cellulose Biosynthes	-n/a-	IBN-0236492-AMD 003	37,166
	NSF-PBC-GRA Cellulose Biosynthesis	-n/a-	IBN-0236492-AMD 003	43,047
				<hr/> 703,980
47.075	Social, Behavioral, and Economic Sciences			
	NSF - PhD Prgm Industr'l Archeology	-n/a-	SES-0454711 AMEND 01	17,289
	NSF-GRA-PhD Prgm Indust. Archeology	-n/a-	SES-0454711 AMEND 01	64,134
				<hr/> 81,423
47.076	Education and Human Resources			
	NSF - GSE/RES - Participant Support	-n/a-	HRD-0429020-AMD 003	15,635
	NSF - GSE/RES Removing Barriers	-n/a-	HRD-0429020-AMD 003	122,666
	NSF- RET -GSE/RES Removing Barriers	-n/a-	HRD-0429020-AMD 003	1,000
	NSF-CONCAM Undergraduate Education	-n/a-	DUE-0231070-AMD 001	17,872
	NSF-IGERT/SFI-Participant Support	-n/a-	DGE-0333401-AMD 007	63
	NSF-IGERT/SFI-Sustainable Futures	-n/a-	DGE-0333401-AMD 007	313,442
	NSF-Implement-Service-Systems-Eng	-n/a-	DUE-0618537	17,035
	NSF-Partic-Implemt Curr Serv System	-n/a-	DUE-0618537	11,942
	NSF-RET/GSE-RES Remove Barriers	-n/a-	HRD-0429020-AMD 003	14,375
	NSF-SFI IGERT:Chem Eng Participant	-n/a-	DGE-0333401-AMD 007	79,056
	NSF-SFI IGERT:Civil Eng Participant	-n/a-	DGE-0333401-AMD 007	139,079
	NSF-SFI IGERT:Geol Eng Participant	-n/a-	DGE-0333401-AMD 007	3,739
	NSF-SFI IGERT:Mech Eng Participant	-n/a-	DGE-0333401-AMD 007	129,389
	NSF-Spnsr-Implement Curric ServSyst	-n/a-	DUE-0618537	29,555
				<hr/> 894,848

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
National Science Foundation - continued				
47.079	International Science and Engineering (OISE)			
	NSF/RSI-Participant Rmt Sn Lat Amer	-n/a-	OISE-0530109	\$ 15,618
	NSF/RSI-Remte Sen Pac Lat Amer	-n/a-	OISE-0530109	269,516
	NSF-SFI-International Rsch Exp	-n/a-	OISE-0623558	13,707
	NSF-SFI-Part Exp.-Int Rsch Exp	-n/a-	OISE-0623558	29,272
				<u>328,113</u>
Total National Science Foundation				<u>4,579,434</u>
US Environmental Protection Agency				
66.469	Great Lakes Program			
	EPA/RSI-Tech PBT Flux Determination	-n/a-	GL-96520401-0	129
	EPA-GRA-Tech PBT Flux Determination	-n/a-	GL-96520401-0	206
				<u>335</u>
66.515	Greater Opportunities: Research Program			
	USENV/MuSTI-Biocide Leaching	-n/a-	GR-832371010-0	97,004
Total US Environmental Protection Agency				<u>97,339</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Energy				
81.049	Office of Science Financial Assistance Program			
	DOE-YR 14--Metal Atoms Ions	-n/a-	DE-FG02-92ER14282-AMD A014	\$ 28,489
	DOE-YR 14-Metal AtomsIons	-n/a-	DE-FG02-92ER14282-AMD A014	10,880
	DOE-Yr 15-Metal Atoms Ions	-n/a-	DE-FG02-92ER14282-AMD A014	3,437
	USENE/BRC-YR 1-Genomics Investigati	-n/a-	DE-FG02-05ER64112 A001	125,627
	USENE/BRC-YR 1-Tsai Genomics Inv	-n/a-	DE-FG02-05ER64112 A001	111,981
	USENE/BRC-YR 2 Genomics Investigati	-n/a-	DE-FG02-05ER64112 A001	55,133
	USENE/BRC-YR 2-Genomics Investigati	-n/a-	DE-FG02-05ER64112 A001	226,839
	USENE/ESC-YR 5-Aspen FACE-FACTS II	-n/a-	DE-FG02-95ER62125-AMD A019	646,111
	USENE/ESC-YR 6 Aspend FACE-FACTS II	-n/a-	DE-FG02-95ER62125-AMD A019	1,429,250
	USENE/ESC-YR2-Carbon Sequestration	-n/a-	DE-FG02-04ER63792 AMEND A003	72,439
	USENE/RSI-Seismic Amplitude-Data	-n/a-	DE-FG02-05ER15674-AMD A000	6,685
	USENE-ADV ACCT-MuSTI/Hetero-Junctns	-n/a-	DE-FG02-06ER46294 A000	78,190
	USENE-BRC YR2 Genetic Mod Gibberell	-n/a-	DE-FG02-05ER64109 A001	54,019
	USENE-BRC/Gentice Mod Gibberellic	-n/a-	DE-FG02-05ER64109 A001	42,005
	USENE-BRC-Poplar Rt Development YR1	-n/a-	DE-FG02-06ER64151 A001	92,855
	USENE-BRC-YR 2 Poplar Rt Develop	-n/a-	DE-FG02-06ER64151 A001	18,689
	USENE-ESC-YR 3 Carbon Sequ	-n/a-	DE-FG02-04ER63792 AMEND A003	204,552
	USENE-ESC-Yr 7-Aspen Face II	-n/a-	DE-FG02-95ER62125-AMD A019	58,715
	USENE-ESC-YR1-Carbon Sequ	-n/a-	DE-FG02-04ER63792 AMEND A003	59,958
				<hr/> 3,325,855
81.086	Conservation Research and Development			
	USENE/IMP-Steel Slag Iron Content	-n/a-	DE-FC36-01ID14046-AMD M005	(53)
	USENE-PBC-Genetic Manipulation	-n/a-	DE-FC36-03ID14440-AMD A001-8	213,621
				<hr/> 213,568

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Energy - continued				
81.087	Renewable Energy Research and Development			
	USENE/SFI-Bgt #2-Agglomeration Ore	-n/a-	DE-FC26-03NT41924-AMD A004	\$ (3,317)
	USENE-IMP-GRA CS-Perhydride-Hydrogn	-n/a-	DE-FG36-05GO15003 A003	9,129
	USENE-IMP-Perhydride Hydro	-n/a-	DE-FG36-05GO15003 A003	142,298
	USENE-Perhydride-Hydrogen Storage	-n/a-	DE-FG36-05GO15003 A003	<u>(637)</u>
				<u>147,473</u>
81.089	Fossil Energy Research and Development			
	USENE-Recover Hydrocarbons	-n/a-	DE-FC26-06NT42931	61,527
	USENE-TSAF-GRA-Seismic Amplitude	-n/a-	DE-FC26-04NT15508-AMD A005	23,148
	USENE-TSAF-Yr 2/Crosswell Seismic	-n/a-	DE-FC26-04NT15508-AMD A005	185,954
	USENE-TSAF-YR2 GRA/Crosswell Seismic	-n/a-	DE-FC26-04NT15508-AMD A005	<u>2,283</u>
				<u>272,912</u>
Total US Department of Energy				<u>3,959,808</u>
US Department of Education				
84.116	Fund for the Improvement of Postsecondary Education			
	USEDU-CWS/YR 4-ExCit: Expand Cities	-n/a-	P116N030005-04-ACTION NO. 04	37,640
	USEDU-CWS-YEAR2-ExCit:Expand Cities	-n/a-	P116N030005-04-ACTION NO. 04	41
	USEDU-CWS-YR 3-ExCit: Expand Cities	-n/a-	P116N030005-04-ACTION NO. 04	<u>17,084</u>
Total US Department of Education				<u>54,765</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Health and Human Services				
93.172	Human Genome Research			
	NIH-BRC-YR1-GRA-Stat Methods Admixt	-n/a-	1 R03 HG003613-01	\$ 4,230
	NIH-BRC-YR1-Stat Methods Admixture	-n/a-	1 R03 HG003613-01	27,963
	NIH-BRC-YR2-GRA-Stat Methods Admx	-n/a-	1 R03 HG003613-01	24,632
	NIH-BRC-YR2-Stat Methods Admixt	-n/a-	1 R03 HG003613-01	20,050
				<hr/> 76,875
93.279	Drug Abuse and Addiction Research Programs			
	NIH-YR 1-GRAShort Lived Radicals	-n/a-	1 R01 DA017201-01A1	23,294
	NIH-YR 1-Short Lived Radicals	-n/a-	1 R01 DA017201-01A1	33,653
	NIH-YR 2-GRA-Short Lived Radicals	-n/a-	1 R01 DA017201-01A1	-
				<hr/> 56,947
93.846	Arthritis, Musculoskeletal and Skin Diseases Research			
	NIH/BRC - Meniscal Horn Attachment	-n/a-	1 R15 AR051906-01	29,832
	NIH/BRC-Blk Bear Bone Mechanics-YR2	-n/a-	1 R15 AR050420-03	778
	NIH/BRC-GRA-Meniscal Horn Attachmnt	-n/a-	1 R15 AR051906-01	28,763
	NIH-BRC/ Black Bear Bone YR 3	-n/a-	1 R15 AR050420-03	34,046
	NIH-BRC/Augmentat Lymphangiogenesis	-n/a-	1 R21 AR053094-01A1	173,211
	NIH-BRC/Black Bear Bones YR 4	-n/a-	1 R15 AR050420-03	23,558
				<hr/> 290,188

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with CFDA Numbers - continued				
US Department of Health and Human Services				
93.859	Biomedical Research and Research Training			
	NIH-BRC/Map Complex disease Genes	-n/a-	1-R01 GM069940-01A2,02 & 03	\$ 47,299
	NIH-BRC/YR 1 Mapping Disease Genes	-n/a-	1-R01 GM069940-01A2,02 & 03	2,700
	NIH-BRC/YR 2 GRA Mapping Disease Ge	-n/a-	1-R01 GM069940-01A2,02 & 03	21,940
	C NIH-BRC/YR 2 Mapping Disease Genes	-n/a-	1-R01 GM069940-01A2,02 & 03	126,647
	NIH/IME- GRA -Structural Transiti	-n/a-	R R01 GM062838-04	11,007
	NIH/IME-YEAR2-Structural Transition	-n/a-	R R01 GM062838-04	369
	NIH/IME-YEAR3-Structural Transition	-n/a-	R R01 GM062838-04	22,129
	NIH-IME/YR 4 Structural Transition	-n/a-	R R01 GM062838-04	110,498
	NIH-IME/YR4 GRA Structural Transit	-n/a-	R R01 GM062838-04	13,750
				<u>356,339</u>
93.866	Aging Research			
	NIH/BRC-YEAR 2-Map Complex Disease\	-n/a-	1 R03 AG024491-01	35,028
				<u>815,377</u>
Total US Department of Health and Human Services				815,377
Total Research and Development Programs - Direct Programs with CFDA Numbers				<u>11,344,762</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with CFDA Numbers				
US Department of Agriculture				
10.219	Biotechnology Risk Assessment Research OR GEO-BRC-Fld Evl Semi-Dwarf	Oregon State University	SUBGRANT #C0306A-A	\$ 12,298
10.652	Forestry Research REGEN-Transverse Vibra Technique	Regents of the University of Minnesota	D1876500014(1637-187-6500)	19
Total US Department of Agriculture				12,317
US Department of Commerce				
11.405	Anadromous Fish Conservation Act Program MIDNR-CWS-Ontonagon River Sturgeon	MI Department of Natural Resources	PO #751P7200473	17,047
11.417	Sea Grant Support MICH-RSI-SPNSR-YEAR 2-Eco Systm Mo MICH-RSI-YEAR 1-Ecosystem Mosaic	Michigan State University Michigan State University	GRANT DATED 6/23/05 & 5/5/06 GRANT DATED 6/23/05 & 5/5/06	29,480 (686)
Total US Department of Commerce				45,841
US Department of Defense				
12.300	Basic and Applied Scientific Research WASHI-Fundmntl Prop Energetic Mtls WASHI-GRA-IME-Properties Energetic WASHI-IME-Fnd Prp Enr Mtls	Washington State University Washington State University Washington State University	G001118 AMENDMENT # 1-8 G001118 AMENDMENT # 1-8 G001118 AMENDMENT # 1-8	67,755 1,949 15,640
Total US Department of Defense				85,344

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Schedule of Expenditures of Federal Awards

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with CFDA Numbers - continued				
US Department of Interior				
15.611	Wildlife Restoration			
	MINAT-ESC-Gry Wof Pop Mod	Michigan Department of Natural Resources	#751B3001021, PO#751P6200877	\$ 9,017
	MINAT-ESC-P3 Gray Wolf Population	Michigan Department of Natural Resources	PO 751P7200408	9,415
	MINAT-P3 Sharp Tailed Grouse	Michigan Department of Natural Resources	PO #751P7200175	15,610
	MINAT-P4-White Tailed Deer Hemlock	Michigan Department of Natural Resources	PO 751P7200589	71
	MINAT-White Tld Deer Hemlock Stands	Michigan Department of Natural Resources	PO #751P5201288	14,157
	MINAT-White-Tailed Deer Hemlock	Michigan Department of Natural Resources	751P6200348	46,624
				94,894
Total US Department of Interior				
National Aeronautics and Space Administration				
43.001	Aerospace Education Services Program			
	UNIVE-CISSIC-MI Sp Wrless Snsr	University of Michigan	CHECK # 1445507	4,890
National Science Foundation				
47.041	Engineering Grants			
	ARIZO-DOE ANOVA Eval Rslts	Arizona State University	SUBAWARD NO. 06-633	(304)
	MTU-WIMS-GRA Cost Share	University of Michigan	SUBCONTRACT # F004025	11,218
	SOLID-IME Ultrasonic Cmp'n Sensr Emb	Solidica, Inc.	P.O. NO. 4381	28,054
	UNIVE-Nvl Exper/Mdl Nano	University of Illinois at Urbana-Champaign	2005-05374-01-A5790	40,635
	UNIVE-Sensors Tsk Spnsr	University of Michigan	SUBCONTRACT # F004025	186,429
	UNIVE-WIMS Edu Tsk Prt Cst	University of Michigan	SUBCONTRACT # F004025	7,468
	UNIVE-WIMS Educ Tsk Sponsr	University of Michigan	SUBCONTRACT # F004025	12,090
	UNIVE-WIMS Mcr Tk Spsr Acc	University of Michigan	SUBCONTRACT # F004025	149,372
	UNIVE-WIMS Sponsor Admin	University of Michigan	SUBCONTRACT # F004025	59,129
	UNIVE-WIMS-Spr Ent En Rsch	University of Michigan	SUBCONTRACT # F004025	6,910
	UNIVE-YEAR 2-Multi Sem Interwvn Prj	University of Massachusetts Lowell	SUB AWARD # S21001950000005-01	3,632
				504,633

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Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with CFDA Numbers - continued				
National Science Foundation - continued				
47.049	Mathematical and Physical Sciences			
	NORTH-IEM-Spnsr-Europe Mtl	North Carolina A & T State Univ	SUBGRANT # 260061A	\$ 85,284
	UNIVE-Determ Electron Neutrino Trtm	University of Texas at Austin	UTA05-849	<u>847</u>
				<u>86,131</u>
47.050	Geosciences			
	UNIVE/RSI-GRA-Vir Vol S02 (VISOR)	University of Maryland Baltimore County	SUBAWARD CG0516 AMEND 01	(4,176)
	UNIVE/RSI-Vi Volcan S02 (VISOR) Prj	University of Maryland Baltimore County	SUBAWARD CG0516 AMEND 01	<u>16</u>
				<u>(4,160)</u>
47.074	Biological Sciences			
	UNIVE-ESC-Nitrogen Deposit	University of Nevada-Reno	UNR-07-91/PO 17GC0000097	<u>5,631</u>
47.076	Education and Human Resources			
	UNIVE-Great Lks Wood Manuf Partners	University of Minnesota-Duluth	1638-187-6487-7901	<u>56,152</u>
Total National Science Foundation				<u>648,387</u>
US Department of Energy				
81.049	Office of Science Financial Assistance Program			
	UNIVE-ESC-ADV ACCT-Elevated CO2 &02	University of Nevada-Reno	ADV ACCT	13,573
	UNIVE-ESC-Ecosysem Rsp Elev CO2/O3	University of Michigan	V51573/F000354 AMEND 1-11	<u>134,723</u>
				<u>148,296</u>

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Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with CFDA Numbers - continued				
US Department of Energy - continued				
81.087	Renewable Energy Research and Development			
	CONSO-BRC-Mod Cellulose Crystal	Consortium Plant Biotechnology Research Inc	CPBR AGRMT # GO12026-249	\$ 36,685
	CONSO-BRC-P2 Gibber Metabolism	Consortium Plant Biotechnology Research Inc	CPBR GO12026	18,950
	CONSO-BRC-Spnsr-Protein Eng Phenylp	Consortium Plant Biotechnology Research Inc	CPBR AGRMT # GO12026-262	41,908
	ROCHE-MuSTI-GRA-Visual Fuel Cell	Rochester Institute of Technology	30672-01	3,675
	ROCHE-MuSTI-Visual Fuel Cell	Rochester Institute of Technology	30672-01	26,852
				<hr/>
				128,070
				<hr/>
	Total US Department of Energy			276,366
US Department of Health and Human Services				
93.172	Human Genome Research			
	UNIVE-YR 2 LD Map-Halplotype Blk	University of Chicago-Loyola	SUBCONTRACT DATED 4/22/05	24,075
				<hr/>
93.233	National Center on Sleep Disorders Research			
	UNIVE-Sleep Disord Breathg	University of Michigan	SUB #F011919	12,794
				<hr/>
93.865	Child Health and Human Development Extramural Research			
	MAYOM/BRC-YR2-Microsnsr Instrmusc	Mayo Clinic Rochester	5R01HD31476-07 MTU	55,000
	MAYOM-BRC-YR 1 Microsnsr Intramu	Mayo Clinic Rochester	5R01HD31476-07 MTU	22,109
				<hr/>
				77,109
				<hr/>
	Total US Department of Health and Human Services			113,978
				<hr/>
	Total Research and Development Programs - Pass-through Programs with CFDA Numbers			1,282,017

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Schedule of Expenditures of Federal Awards

For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with no CFDA Number				
US Department of Agriculture				
10.unk	No CFDA Number			
	USAGR - NDE Methods	-n/a-	PNW03-DG-11261975-137-MOD NO.4	\$ 9,477
	USAGR/ESC - Manage FACE Experiment	-n/a-	01-JV-11231300-085-MOD NO. 7	(3)
	USAGR/ESC-CO2 Flux-Aspen FACE Exper	-n/a-	02-JV-11231300-052-MOD NO. 2	5,089
	USAGR/ESC-GRA-Anlysis of red Pine	-n/a-	RJVA #05-JV-11231300-043MOD1&2	9,311
	USAGR/ESC-Plants, Carbon Allocat.	-n/a-	03-JV-11231300-073-MOD NO.1	1,928
	USAGR-Archaeolo Coll-Hiawatha Nat'l	-n/a-	05-CS-11091000-021 MOD # 02	1,292
	USAGR-Carbon Allocation-Red Pine	-n/a-	01-JV-11231300-071	-
	USAGR-Carbon/Nitrogen Cycle Rsch.	-n/a-	04-CR-11231300-027-MOD NO. 1	15,639
	USAGR-Communities Risk to Wildfire	-n/a-	SRS 04-JV-11330136-161	-
	USAGR-Ecologist Lecture Series	-n/a-	03-CS-11231300-040	594
	USAGR-ESC GACS Analysis of Red Pine	-n/a-	RJVA #05-JV-11231300-043MOD1&2	5,279
	USAGR-ESC-Dev Forst Pln Soil Qlty	-n/a-	06-CS-11221662-158	79,544
	USAGR-ESC-GRAD Dev Forst Pln Soil Q	-n/a-	06-CS-11221662-158	7,266
	USAGR-ESC-GRA-Jck Pne Seedlg Grwth	-n/a-	SRS 05-CA-11330122-203 AMEND 1	16,934
	USAGR-ESC-Jck Pine Seedlg Watersmt	-n/a-	SRS 05-CA-11330122-203 AMEND 1	566
	USAGR-Fiber Production/Soil Prod.	-n/a-	03-JV-11231300-067-MOD NO. 2	4,140
	USAGR-GRA-Carbon/Nitrogen Cycle Rsc	-n/a-	04-CR-11231300-027-MOD NO. 1	49,422
	USAGR-Historical/Modern Vegetation	-n/a-	04-PA-11090100-020 MOD 1 & 2	180,190
	USAGR-Influence Climate-Wood Decomp	-n/a-	03-JV-11231300-041-MOD NO. 1	2,736
	USAGR-Mgmt Local Scour-Stream Rehab	-n/a-	AGRMT NO. 58-6408-3-0002	38
	USAGR-MTRI-RS Sensors to NRCS	-n/a-	SC-07-001 11696-.001	37,142
	USAGR-MTRI-USDA NRCS YR3&4	-n/a-	SC-07-001 11423.003	124,894
	USAGR-Ottawa Natl Forest Archaeolog	-n/a-	06-CS-11090700-027	1,316
	USAGR-Woody Debris in Streams	-n/a-	03-JV-11231300-074-MOD NO. 2	9,716
	USDA/ECS-Analysis of Red Pine	-n/a-	RJVA #05-JV-11231300-043MOD1&2	10,335
	USDA: 2nd Decade:Operate Aspen FACE	-n/a-	06-JV-11231300-028	14,918
	USDA-ESC-Effect of Earth Worms	-n/a-	06-HV-11231300-101	624
	USFOR-ESC-2007-Sirex Noctilio	-n/a-	07-CA-1142004-120	43,725
	USFOR-Spsr-ESC-Devel Rstor Fens	-n/a-	07-CS-11021306-026	7,701
Total US Department of Agriculture				639,813

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For the Year Ended June 30, 2007

CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with no CFDA Number - continued				
US Department of Defense				
12.unk	No CFDA Number			
	OFFIC-Unmanned Ground Vehicle	-n/a-	W911NF-05-2-0048	\$ 375,746
	TACOM - Assured Mobility - WD002	-n/a-	W56HZV-04-C-0643-MOD P00001	(2)
	TACOM - CRPGS Project	-n/a-	W56HZV-07-C-0357	81,131
	TACOM - Surge - Work Directive 014	-n/a-	DAAE07-00-C-L052-MOD P00011	(14,814)
	TACOM- Assured Mobility WD #5	-n/a-	W56HZV-04-C-0643 WD#05	7,054
	TACOM-Assured Mobility #STO -WD004	-n/a-	W56HZV-04-C-0643-MOD P00002	5,927
	TACOM-Assured Mobility ATO WD#AM-07	-n/a-	W56HZV-04-C-0643 P08 WD#AM-007	73,170
	TACOM-Assured Mobility SPARK W#AM14	-n/a-	W56HZV-04-C-0643 P00013 WD14	35,462
	TACOM-Assured Mobility VPI WD# AM12	-n/a-	W56HZV-04-C-0643 P00010 WD12	31,778
	TACOM-Assured Mobility VPI WD#-AM11	-n/a-	W56HZV-04-C-0643 P00010 WD11	140,162
	TACOM-Assured Mobility VPT WD#AM-10	-n/a-	W56HZV-04-C-0643 P08 WD#AM-010	193,624
	TACOM-Assured Mobility WD #006	-n/a-	W56HZV-04-C-0643 P00006 WD#6	500,377
	TACOM-Assured Mobility WD# 5-1	-n/a-	W56HZV-04-C-0643 WD#005-1	24,040
	TACOM-Assured Mobility WD# AM-008	-n/a-	W56HZV-04-C-0643 P08 WD#AM-008	149,401
	TACOM-Assured Mobility WD#006-1 AM	-n/a-	W56HZV-04-C-0643 WD#006-1 P007	258,519
	TACOM-Assured Mobility WD#AM-009	-n/a-	W56HZV-04-C-0643 P08 WD#AM-009	58,645
	TACOM-Assured Mobility SIM WD#AM13	-n/a-	W56HZV-04-C-0643 P12 WD#13	1,058
	TACOM-Bradley Track System - WD020	-n/a-	DAAE07-00-C-L052-MOD P00016	853
	TACOM-Quick Release Mech.-WD019	-n/a-	DAAE07-00-C-L052-MOD P00016	(822)
	TACOM-Surge Track Elastomer Rsch	-n/a-	DAAE07-00-C-LO52 P00017 WD#23	(114)
	TACOM-SURGE WD24 M1 DVE QRM Develop	-n/a-	DAAE07-00-C-L052 P00019 WD#24	6,914
	TACOM-SURGE WD25 Lightweight Truck	-n/a-	DAAE07-00-C-L052 P00020 WD#25	483,580
	US ARM-Powerline Commun DO#0002	-n/a-	DELIVERY ORDER 0002	32,947
	USAIR-Radar Frequency Sensing	-n/a-	FA8750-05-C0237 P00006	43,597
	USAIR-WARP 11634.001	-n/a-	FA8750-05-C-0237 P00006	33,231
	USARM - Nano Center-DARPA	-n/a-	DAAD17-03-C-0115-MOD P00003	13,526
	USARM/IME/NSR-Nano Center-DARPA	-n/a-	DAAD17-03-C-0115-MOD P00003	554,987
	USARM-CISSIC 6.1Atmospheric Sensing	-n/a-	W911NF-06-2-0029	974,278
	USARM-CISSIC/CERDEC Proj Task#0001	-n/a-	W15P7T-06-D-P228 DO#0001	324,323
	USARM-Collision Avoidance System	-n/a-	W56HZV-07-P-0817	11,579
	USARM-Coop Research For a CRREL Win	-n/a-	W913E5-06-C-0007	219

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with no CFDA Number - continued				
US Department of Defense - continued				
12.unk	No CFDA Number - continued			
	USARM-MTRI-RF Counter Sniper	-n/a-	SC-07-001 11703.001	\$ 16,250
	USARM-MTRI-SARECEIVER-RPG 11367.004	-n/a-	SC-07-001 11367.004	1,416
	USARM-NSR/MuSTI/Infrastructure Dvlp	-n/a-	DAAD17-03-C-0115-MOD P00003	817,168
	USARM-NSR/MUSTI/Nano-Center-DARPA	-n/a-	DAAD17-03-C-0115-MOD P00003	19,952
	USARM-SURGE-EIP-IPT Support-WD-27	-n/a-	DAAE07-00-C-L052,MOD22,WD27	16,205
	USARM-SURGE-MIL SPEC WD 22	-n/a-	DAAE07-00-C-L052,MOD 18 WD 22	37,675
	USARM-SURGE-WD #26 IR Camera	-n/a-	DAAE07-00-C-L052 MOD21,WD26	35,040
	USARM-SURGE-WD 22 Bradley Vehicle	-n/a-	DAAE07-00C-L052 MOD 18 WD 21	42,092
	USARM-SURGE-WD#28-Cont-XT161	-n/a-	DAAE07-00-C-L052,MOD22,WD28	58,918
	USDEF-CSERI/NSR-YEAR3-Parallel C	-n/a-	MDA904-03-C-0483-MOD NO. P0004	27,909
	USDEF-CSERI/NSR-YR 4 Parallel C	-n/a-	MDA904-03-C-0483-MOD NO. P0004	56,568
Total US Department of Defense				5,529,569
US Department of Interior				
15.unk	No CFDA Number			
	USBUR-Phase 1 Manitou Island Survey	-n/a-	PAA027031 TASK #MAA060002	7,994
	USFIS - Assessment of Lake Sturgeon	-n/a-	AGRMNT 30181-5-J053	90
	USGEO-Water Sample Testing	-n/a-	ORDER NO 06FTSA0035	2,160
	USPAR/ESC - Wolf-Moose Monitoring	-n/a-	H6000C02000-J631005N004/0001	24,157
	USPAR-Exotic Plant Species Gr Lakes	-n/a-	HC6000C02000 - J2105040050	11,024
	USPAR-Great Lakes Inventory Netwrk	-n/a-	H6310010001-AGRMT 005-MOD 001	11,036
	USPAR-IRI/Electronic Research Libra	-n/a-	H6000C02000 TSK#J2105060029	13,639
	USPAR-IRI-Isle Royale Institute	-n/a-	H6000C02000-J631004A021/0004	19,433
	USPAR-Keys Ranch Historic District	-n/a-	H600C0200 TASK# J8336060074	32,049
	USPAR-Renew Potential Pitcher Plant	-n/a-	HC6000C02000 - J630004GL01	3,364
	USPAR-SOP Monitoring Moose Alaska	-n/a-	H6000C02000 TSK# J2101-06-0020	19,317
	USPAR-Survey Moose-Lake Clark Nat'l	-n/a-	H6310010001-TASK AGRMNT 008	-
Total US Department of Interior				144,263

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with no CFDA Number - continued				
US Department of Transportation				
20.unk	No CFDA Number			
	USTRA/MTTI-Aggregate Character-Tsk3	-n/a-	DTFH61-02-C00074-TSK ORDER #3	\$ 107,405
	USTRA/MTTI-Aggregate Rsch-Pavements	-n/a-	DTFH61-02-C-00074-TSK ORDER #1	4,581
	USTRA/MTTI-Resilient Modulus Task#2	-n/a-	DTFH61-02-C-00074-TSK#2,MOD 1	(2,307)
	USTRA-MTTI-ADV ACCT-Tribal Technicl	-n/a-	DTFH61-04-H-00005-AMD 7	309,547
Total US Department of Transportation				419,226
National Aeronautics and Space Administration				
43.unk	No CFDA Number			
	NASA/RSI - Ice Nucleation	-n/a-	NNG04GR41G SUPPL 1	30,536
	NASA/RSI-GRA-Volcano SO2-Sat Data	-n/a-	NAG5-13783	34,793
	NASA/RSI-Volcano SO2-Satellite Data	-n/a-	NAG5-13783	711
	NASA-GRA-Equiv-Continuum Modeling	-n/a-	NNL04AA85G SUPPL 2	13,072
	NASA-GRA-Ice Nucleation of Org Cmp	-n/a-	NNG04GR41G SUPPL 1	18,089
	NASA-RSI - Validation of TOMS	-n/a-	NAG5-11062-SUPPL 0006	19,798
	USNAS - Thermo-Fluid in Meniscus	-n/a-	NNC05GA10G SUPPL 1	18,147
	USNAS/RSI/NSR-Picture 2003	-n/a-	NNG04GG99G-SUPPLEMENT 1-4	34,275
	USNAS/RSI-Volcano Emission MODIS AS	-n/a-	NNG04GJ67G SUPPL 2	28,398
	USNAS-Dynamics in Heat Transfer	-n/a-	NNC05GA09G SUPPL #4	14,685
	USNAS-Equivalent-Continuum	-n/a-	NNL04AA85G SUPPL 2	16,605
	USNAS-MTRI-Assessment of Biomass	-n/a-	SC-07-001 11585.001	26,219
	USNAS-NSR-APS-GRA-Micro Gravity	-n/a-	NNC04GB52G-SUPPL NO. 2	71,519
	USNAS-NSR-APS-Micr Grav/Terrest Env	-n/a-	NNC04GB52G-SUPPL NO. 2	16,275
	USNAS-NSR-APS-Micrograv Terrest Env	-n/a-	NNC04GB52G-SUPPL NO. 2	23,549
	USNAS-RSI/Quantify Volcanic Emiss	-n/a-	NNG04GJ67G SUPPL 2	45,462
Total National Aeronautics and Space Administration				412,133

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Direct Programs with no CFDA Number - continued				
National Science Foundation				
47.unk	No CFDA Number			
	NATIO-NSF-CAREER-Model-Nxt-Gen-Sys	-n/a-	CCF-0643664	\$ 19,545
	NATIO-NSF-GRA-CAREER-Mdl-Nxt-Gen	-n/a-	CCF-0643664	6,490
	NATIO-RSI-ADV ACCT-Ozone Photoc	-n/a-	ATM-0720955	11,423
	NSF-ADV ACCT-Matthew Barron Flwshp	-n/a-	ADV ACCT	6,053
	NSF-MTTI-DRU Collaborative Research	-n/a-	SES-0624118	<u>32,564</u>
Total National Science Foundation				<u>76,075</u>
US Department of Energy				
81.unk	No CFDA Number			
	USENE/RSI - YEAR 7 - High Energy	-n/a-	DE-FG02-99ER41107-AMD A008	(1)
	USENE/RSI -GRA-YR7-Energy	-n/a-	DE-FG02-99ER41107-AMD A008	1,250
	USENE-ESC Subs Midwest NICCR	-n/a-	DE-FC02-06ER64158 A001	975,640
	USENE-RSI-Yr 8 Stdy High	-n/a-	DE-FG02-99ER41107-AMD A008	98,194
	USENE-RSI-Yr 8 Study High	-n/a-	DE-FG02-99ER41107-AMD A008	102,145
	USENE-RSI-Yr 9-GRA-High Energy	-n/a-	DE-FG02-99ER41107-AMD A008	569
	USENE-RSI-Yr 9-Study High Energy	-n/a-	DE-FG02-99ER41107-AMD A008	56,714
	USENE-SFI-YR2-Ctr-Nanostr	-n/a-	DE-FG02-04ER63821 A003	94,512
	USENE-SFI-YR2-Ctr-Nanostru	-n/a-	DE-FG02-04ER63821 A003	232,388
	USENE-YR 1-Cntr-Nanostructure	-n/a-	DE-FG02-04ER63821 A003	(27,605)
	USENE-YR 1-MTU Cntr-Nanostrctre	-n/a-	DE-FG02-04ER63821 A003	(4,893)
	USENE-YR2-Ctr-Nanostructur	-n/a-	DE-FG02-04ER63821 A003	50,241
	USENS-ESC Midwestern Climate Center	-n/a-	DE-FC02-06ER64158 A001	<u>175,058</u>
Total US Department of Energy				<u>1,754,212</u>
US Department of Health and Human Services				
93.unk	No CFDA Number			
	NIH/BRC-Mech Stretch & Vein Graft	-n/a-	R15 HL081102-01	<u>79,090</u>
Total Research and Development Programs - Direct Programs with no CFDA Numbers				<u>9,054,381</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with no CFDA Numbers				
US Department of Agriculture				
10.unk	No CFDA Number			
	ALTAR-NRCS-11423	Altarum	SC-07-001/11423	\$ 126,339
	ALTAR-RS Measures to NRCS	Altarum	SC-07-001/11696.001	3,566
	OHIOF-Spnsr-Hrdwd Val Improve Prj06	Ohio Forestry Association Inc	SUB AGREEMENT 2/21/06	26,802
	UNIVE-Web Techn Trnsfr Insp Methods	University of Minnesota-Duluth	UMD SUBCONTRACT DTD 12/29/06	1,500
	UTAHS-Anlysis of UV-B resp in Populus	Utah State University Sponsored Programs	P0044889 MTU CO#060816	4,686
				162,893
Total US Department of Agriculture				
US Department of Defense				
12.unk	No CFDA Number			
	ACADE-Research & Eng Appreniceship	Academy of Applied Science	LETTER CHK # 4542	2,886
	ALTAR-HSD 2007-002 per SC-07-007	Altarum	SC-07-007, DO3 2007-002	12,622
	ALTAR-HSD 2007-004 per SC-07-007	Altarum	SC-07-007, DO4 2007-004 MOD 1	115,726
	ALTAR-HSD 2007-005 per SC-07-007	Altarum	SC-07-007, DO5 2007-005	28,130
	ALTAR-HSD 2007-006 per SC-07-007	Altarum	SUBCONTRACT SC-07-007 DO6	1,111
	ALTAR-Lacoste	Altarum	-n/a-	71,907
	ALTAR-Luck Charm-SAIC	Altarum	SC-07-001/11679.001	13,072
	ALTAR-Nxt Generation Spce Based	Altarum	SC-07-001/11693.001	8,042
	ALTAR-RF Counter Sniper	Altarum	SC-07-001/11703.001	402,637
	ALTAR-RFSENSING 11634003	Altarum	SC-07-001/11634.003	41,683
	ALTAR-SALTI	Altarum	-n/a-	3,929
	ALTAR-SAMERI-SAIC	Altarum	SC-07-001/11444.001	20,339
	ALTAR-Visi Building Year 1	Altarum	MTU AGRMT #0610108	254,205
	ALTAR-WARP 11634.001	Altarum	SC-07-001/11634.001	39,502
	ALTAR-Warp PII for GMTI DARPA	Altarum	SC-07-001/11634.002	4,386
	BATTE-Robust Speech Metric/Binaural	Battelle Chapel Hill Operations	TCN 06090	19,321
	BATTE-Uncertainty Data Acquisition	Battelle Chapel Hill Operations	TCN 05122	31,214
	BMTDE-Syst Idnt Hydrst Trs	BMT Designers & Planners Inc	PO # 04-0015	(1,041)
	CONCU-Wear Testing Rd Wheel Plate	Concurrent Technologies Corporation	PO #061100210	14,184
	Confidential Agreement	BMT Designers & Planners Inc	PO # 06-0019	104,872
	Confidential Agreement	Science Applications International Corporation	SUB #4400141917	10,877

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with no CFDA Numbers - continued				
US Department of Defense - continued				
12.unk	No CFDA Number - continued			
	DUKEU-CISSIC Image Prcsg/COMPI Prgm	Duke University	06-SC-DARPA-1048	\$ 170,946
	GENER-LACOSTE	General Dynamics Information Technology, Inc.	SUB 3USAF-A581-46-SC-0001	27,790
	GENER-SRVS	General Dynamics	SUBCONTRACT #200791Y05	61,752
	INTEL-CISSIC-Pth Multi-Aerial Pltfr	Intelligent Automation Incorporated	SUBCONTRACT 491-2 MOD 01	20,093
	INTEL-Synchr Control Ship Rend	Intelligent Automation Incorporated	CONTRACT # 508-1	9,811
	JORGE-RTK-GPS Evaluation	Jorge Scientific Corporation	SUB #06-S-3057-270-MT MOD 3	155,212
	MASSA-CISSIC-Energetic Mat Initiati	Massachusetts Institute of Technology	SUBAWARDM #5710002044	88,151
	NANOS-Harvest Electric Power	NanoSonic, Inc	AGREEMENT #N0312	17,205
	OPTIM-STOP WORK ORDER-SALTI	OptiMetrics Inc	PO#23674 / FA8650-04-D-1712	290
	PHYSI-PSI Phs II STTR Hypspct Tsk	Physical Sciences, Inc	PSI CONT W911SR-040C PO#34947	90,504
	PIERC-TAK 4 Steering System Anal	Pierce Manufacturing Inc	PO #434739	32,049
	RATHE-CEBFM-Dev/Char Env Benign	Raytheon Missile Systems, Advanced Procurement	PO # 4200011176 VER 7	365,475
	RAYTH-CEBFM-Chactr Benign Fct Mat	Raytheon Missile Systems, Advanced Procurement	PO # 4200011176 VER 7	292,668
	RAYTH-CEBFM-Chartr Benign Fct Mat	Raytheon Missile Systems, Advanced Procurement	PO # 4200011176 VER 7	449,305
	RESEA/IME-Spnsr-Nanomat'ls	Research Foundation of CUNY	SUB CONTRACT 47105-00-01 AMD 5	38,005
	SCIEN - Lucky Charm	Science Applications International Corporation	SUB #4400141916	1,883
	SCIEN-SAMERI	Science Applications International Corporation	SUBCONTRACT #4400144171	16,194
	SCIEN-VisiBuilding Program	Science Applications International Corporation	SUBCONTRACT #4400142454	781,341
	SRICO-IME-Ferroelectric Relax Mat'l's	SRICO Inc	PO# 5176	44,711
	SRICO-IME-Ferroelectric Relaxor Mat'	SRICO Inc	RESEARCH AGREEMENT/SRICO	27,963
	THERM-3-D Voxel - Bsd Mdl Human The	Thermoanalytics Inc	TAI 02-0325 MOD 3	3,440
	THERM-Thermal Vehicle Track Phase 1	Thermoanalytics Inc	TAI SUB #06-1214	4,988
	TRINI-Thrml Modl Wve Enrgy & Heat T	Trinity University	SUB # 27-1382033 TU-MTU-AFOSR	33,680
	UNIVE-Atm Prp Hgh Engy Lsr	University of California at Los Angeles	0205-G-DB131	120,204
	UNIVE-GRA-Atms Hgh Engy Lsr	University of California at Los Angeles	0205-G-DB131	49,515
	UPSTA-Lake Superior Optics	Upstate Freshwater Institute	MTU AGREE # 060643 MOD # 1	12,710
Total US Department of Defense				4,115,489

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with no CFDA Numbers - continued				
US Department of Interior				
15.unk	No CFDA Number			
	ALTAR-Bearing Glacier 1944.004	Altarum	SC-07-001/1944.004	\$ 1,825
	ALTAR-BLM ALWAS 1944.007	Altarum	SC-07-001/1944.007	8,587
	ALTAR-BLM Monitor Fmwk 1944.006	Altarum	SC-07-001/1944.006	73,343
	ALTAR-BLM NSSI 1944.003	Altarum	SC-07-001/1944.003	29,413
	MINAT-Develop Sharp Tailed Grouse	Michigan Department of Natural Resources	751P6200349	282
	WISCO-Fish & Wildlife Northern WI	Wisconsin Dept of Natural Resources	PO #NMG00000694	38,393
				151,843
US Department of Interior				
US Department of Transportation				
20.unk	No CFDA Number			
	MIPOL-MTTI-06 OHSP Schol/Aware	Michigan State Police	PROJECT # RS-06-03	3,498
	MIPOL-MTTI-06 OHSP Scholar/Aware	Michigan State Police	PROJECT # RS-06-03	2,580
	MITRA-MTTI-Moisture Dmg on Asphalt	Michigan Department of Transportation	MDOT 2003-0063 JOB #76941	103,177
	MITRA-MTTI Dev Test Fine, Course Ags	Michigan Department of Transportation	CONTRACT #2006-0414 AUTH. 8	2,666
	MITRA-MTTI/US-41 Stability Assess	Michigan Department of Transportation	2006-1414 AUTHORIZATION 3	14,193
	MITRA-MTTI-2007 Western Hemi Initia	Michigan Department of Transportation	2003-0062 AUTH 4	1,715
	MITRA-MTTI-Concrete Pavmnt	Michigan Department of Transportation	2003-0063 #20 JOB # 85043	72,150
	MITRA-MTTI-Concrete Pvmnts	Michigan Department of Transportation	2003-0063 #20 JOB # 85043	45,818
	MITRA-MTTI-Cont Trans Mat Rsch Cntr	Michigan Department of Transportation	2006-0414 AUTH 6	60,162
	MITRA-MTTI-CSD-Cnt for Str Durabili	Michigan Department of Transportation	2006-0414 AUTH 5	13,360
	MITRA-MTTI-CS-Dev Test Fine, Course	Michigan Department of Transportation	CONTRACT #2006-0414 AUTH. 8	128
	MITRA-MTTI-CSD-PC Box Beam II	Michigan Department of Transportation	2006-0414 AUTH 1, JOB 85098	48,095
	MITRA-MTTI-Hot Asphalt Quality Assu	Michigan Department of Transportation	CONTRACT #2003-0063 AUTH 22	30,027
	MITRA-MTTI-MERL 2006	Michigan Department of Transportation	2005-0014 AUTH 3 JOB# 86530	23,955
	MITRA-MTTI-ORNBP Newsletter 2007	Michigan Department of Transportation	2006-0414 AUTH 4 JOB 84989	14,035
	MITRA-MTTI-Prf Cnctr Brdg	Michigan Department of Transportation	MASTER 2003-0063, AUTH-21	41,574
	MITRA-MTTI-Resil Mod Lim Grad/Var	Michigan Department of Transportation	JOB # 80324	109,565
	MITRA-MTTI-Rpd Construct Sol Prestr	Michigan Department of Transportation	2003-6003 AUTH 13/JOB# 76984	434
	MITRA-MTTI-Rsch Record 2006	Michigan Department of Transportation	2003-0063 AUTH# 19, JOB 84989	10,825
	MITRA-MTTI-Superpave Tests	Michigan Department of Transportation	#2006-0414 AUTH 2	35,600

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with no CFDA Numbers - continued				
US Department of Transportation - continued				
20.unk	No CFDA Number - continued			
	MITRA-MTTI-TAMC 2007 Activities	Michigan Department of Transportation	2007-0339 AUTH Z2	\$ 28,536
	MITRA-MTTI-TAMC 2007 Training	Michigan Department of Transportation	2007-0339 AUTH Z1	19,043
	MITRA-MTTI-TDG-LTAP 2007	Michigan Department of Transportation	#2003-0062 AUTH 3	289,101
	MITRA-MTTI-US41 Michigamme	Michigan Department of Transportation	2006-0414 AUTH 7	5,954
	MITRA-Phase II Turat Study	Michigan Department of Transportation	PHASE 2/A1 MTU	22,107
	MITRA-Phase III Turat Study	Michigan Department of Transportation	PHASE 3 A1 MTU	500,099
	NATIO- Meas Protect Bridge	National Academy of Sciences	CONTRACT # HR24-18A	27,695
	SOUTH-MTTI-Lng Effcts Mag Magnes	South Dakota Department of Transportation	CONTRAT # 310802	52,661
	UNIVE-Eval Shipper Rail Srvc NW/UP	University of Wisconsin-Superior	144 051035 4	7,946
	UNIVE-MTTI-SPNSR-Mean/Use/Local Rds	Universtiy of Wisconsin-Madison	AGREE # 997B640	35,036
	WITRA/MTTI-Eval Meth Air Void Sys	Wisconsin Department of Transportation	PROJECT ID 0092-03-16	<u>37,631</u>
US Department of Transportation				<u>1,659,366</u>
National Aeronautics and Space Administration				
43.unk	No CFDA Number			
	ALTAR-Assessment of Biomass	Altarum	SC-07-001/11585.001	25,043
	UNIVE/IMP-Carbon Nanotubes	University of Michigan	SPACE GRT CHK #1201263	1,728
	UNIVE/IMP-CS-Carbon Nanotubes	University of Michigan	SPACE GRT CHK #1201263	-
	UNIVE-ADV ACCT-Use of Hydrogels	University of Michigan	ADV ACCT	1,093
	UNIVE-APS-Liquid Crystal Polymer	University of Michigan	CHK #1445507	4,124
	UNIVE-CanSat Development	University of Michigan	SPACE GRT CK#1567230	2,746
	UNIVE-High Power Bismuth Thrusters	University of Michigan	SPACE GRT CK#1622876	5,500
	UNIVE-Nanosatellite Design	University of Michigan	SPACE GRT CK#1567230	1,150
	UNIVE-Remote Monitoring Changes FFT	University of Maryland, College Park	NNX06AF85G Z627202	<u>23,477</u>
Total National Aeronautics and Space Administration				<u>64,861</u>
National Science Foundation				
47.unk	No CFDA Number			
	EDUCA-Middleware Initiaive (NMI)	EDUCAUSE	AGREEMENT 020431	<u>41</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with no CFDA Numbers - continued				
US Environmental Protection Agency				
66.unk	No CFDA Number			
	ALTAR-Yr 3 Great Lakes Hydro	Altarum	SC-07-001/11354.003	\$ 62,141
	LESKT-IMP-Tailings to Roof Shingles	Lesktech, Limited	AGREEMENT #060533	20,191
Total US Environmental Protection Agency				82,332
US Department of Energy				
81.unk	No CFDA Number			
	AMESL-3D Frac Surf Spt Analysis	Ames Laboratory	SC-07-303	16,037
	ASPEN-IMP-Fabr H2 Separation Memb	Aspen Products Group Inc	CO #050737P2 REV	17,000
	CONSO-BRC-Spnsr-Modif Gibberellin M	Consortium Plant Biotechnology Research Inc	CPBR AGREE # G012026	1,265
	NORTH/ESC-ADV ACCT-GRA-Dn/Up Ln Byn	North Carolina State University	SUBAWARD #03-1125-01 MOD 2	28,117
	NORTH/ESC-Dn/Up Lignin Biosyn	North Carolina State University	SUBAWARD #03-1125-01 MOD 2	92,651
	SANDI-MUSTI-Switch Bounce Model	Sandia National Laboratories	PO #653790	15,379
	UCHIC-MuSTI-Argonne Guest Grad Stud	UChicago Argonne, LLC	SUBCONTRACT #7F-00961	4,095
	UNIVE-Structual Charact Battery Mtl	UChicago Argonne, LLC	OF-00544 MOD 1-7	468
	UTBAL-Plast Lmt for Struct Ceramics	UT Battelle Inc	SUBCONTRACT #4000031515	17,745
	UTBAT-GRA-Plast Lmt for Struct Cer	UT Battelle Inc	SUBCONTRACT #4000031515	6,433
	WASHI-IMP-Zr-Fe Mechanical Alloying	Washington Savannah River Company	SUBCONTRACT #AC54787N	2,594
Total US Department of Energy				201,784
US Department of Education				
84.unk	No CFDA Number			
	UNIVE-Const Mgmt	University of Washington	339145	8,250
	UNIVE-GRA-Const Mgmt	University of Washington	339145	933
Total US Department of Education				9,183

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Research and Development Programs - continued				
Pass-through Programs with no CFDA Numbers - continued				
US Department of Health and Human Services				
93.unk	No CFDA Number			
	ALTAR-UM/NIH Sleep Study	Altarum	SC-07-001/11599.001	\$ 28,924
	CLEVE-Sensors, Mnpsl Hot Flash Detn	Cleveland Medical Devices Inc	MTU #051229	31,369
	PENNS-YR 3-Elem Anly Blood Pumps	Pennsylvania State University	SUB AGRMNT 10/12/04, AMD # 1	5,306
	UNIVE-Spnsr Detct Chew/Swallow Eat	Clarkson University	SUB#375-32780-1/PO #CLKSN61194	<u>32,731</u>
Total US Department of Health and Human Services				<u>98,330</u>
United States Agency For International Development				
98.unk	No CFDA Number			
	AMERI-CWS-Train Core Wat Rs Exp	American Council on Education	AGREEMENT DATED 2/20/03	<u>(615)</u>
Total Research and Development Programs - Pass-through Programs with no CFDA Number				<u>6,545,507</u>
Total Research and Development Programs				<u>28,226,667</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs				
Direct Programs with CFDA Numbers				
US Department of Defense				
12.431	Basic Scientific Research			
	USARM- Intnt'l Conf Frontiers Nano	-n/a-	W911NF-05-1-0562	\$ 41,126
US Department of Housing and Urban Development				
14.246	Community Development Block Grants/Brownfields Economic Development Initiative			
	MIECO-Adv Relocation A.E. Seaman Mi	-n/a-	B-04-SP-MI0364	14,000
	USHOU-Relocation A E Seaman Mineral	-n/a-	B-05-SP-MI-0123	6,406
Total US Department of Housing and Urban Development				20,406
US Department of Interior				
15.929	Save America's Treasures			
	USPAR-Relocation A.E. Seaman Museum	-n/a-	26-04-ML-0037	112,032
US Department of Labor				
17.600	Mine Health and Safety Grants			
	USLAB-FY2006 YR5 MI Mine Safety Prg	-n/a-	E4R6001919	90,858
	USLAB-FY2007 YR6 MI Mine Safety Prg	-n/a-	E4R7001919-MOD II	149,665
Total US Department of Labor				240,523
National Science Foundation				
47.041	Engineering Grants			
	NSF - Internat'l Symp Nanoscale	-n/a-	ECS-0540829	5,000
	NSF - Participant Inter Symp Nanosc	-n/a-	ECS-0540829	5,000
	NSF-ATDC/GHSP Innovative Project #6	-n/a-	EEC-0438528	1,466
	NSF-ATDC/Novel Flashlgt Project #23	-n/a-	EEC-0438528	218
	NSF-ATDC/Portable Chg Project #22	-n/a-	EEC-0438528	836
	NSF-ATDC/Security System Project#21	-n/a-	EEC-0438528	2,220
	NSF-ATDC-Entreprn Culture Rural	-n/a-	EEC-0438528	132,748
				147,488

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs - continued				
Direct Programs with CFDA Numbers - continued				
National Science Foundation - continued				
47.050	Geosciences			
	NSF/SFI - Geosc PeEP Participant Ex	-n/a-	GEO-0503442	\$ 5,073
	NSF/SFI - Geoscience PrEP	-n/a-	GEO-0503442	<u>29,475</u>
				<u>34,548</u>
47.076	Education and Human Resources			
	NSF-Grad/Undergrad Engg Initiatives	-n/a-	DUE-0220500	<u>82,527</u>
Total National Science Foundation				<u>264,563</u>
US Environmental Protection Agency				
66.606	Surveys, Studies, Investigations and Special Purpose Grants			
	EPA/SFI-Torch Lk Remediation Moni	-n/a-	X-96535201-0	<u>471</u>
US Department of Education				
84.116	Fund for the Improvement of Postsecondary Education			
	USEDU/RSI-EHAZ: YR 1 Earth Hazards	-n/a-	P116N040003-ACTION NO. 06	640
	USEDU/RSI-YR 2-EHAZ Am Earth Haz	-n/a-	P116N040003-ACTION NO. 06	5,285
	USEDU-RSI-YR 3-EHA ZiAmerican Earth	-n/a-	P116N040003-ACTION NO. 06	<u>18,370</u>
Total US Department of Education				<u>24,295</u>
Total Other Programs - Direct Programs with CFDA Numbers				<u>703,416</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs - continued				
Pass-through Programs with CFDA Numbers				
National Science Foundation				
47.076	Education and Human Resources			
	TENNE-IMP-Main-Tchr Erth Sci-Yr 6	Tennessee Technological University	SUBCONTRACT # C15967	\$ 31,602
	TENNE-IMP-Partpt-Tchr Erth Sci Yr 6	Tennessee Technological University	SUBCONTRACT # C15967	33,361
	TENNE-IMP-Red MI-Tchr Erth Sci Yr 6	Tennessee Technological University	SUBCONTRACT # C15967	<u>13,378</u>
Total National Science Foundation				<u>78,341</u>
US Environmental Protection Agency				
66.034	Surveys, Studies, Investigations, Demonstrations and Special Purpose Activities Relating to the Clean Air Act			
	MARAM-SFI-Shrt Crse Mid-Atlant Air	MARAMA	MARAMA AGREE 1/13/06	<u>1,987</u>
US Department of Education				
84.334	Gaining Early Awareness and Readiness for Undergraduate Programs			
	MILAB-Gear Up/College Day Program	Michigan Department of Labor & Economic Growth	GEAR UP	<u>3,701</u>
84.367	Improving Teacher Quality State Grants			
	MIEDU-Deptof Ed-Stats & Probability	Michigan Department of Education	070290-063	15,083
	MIEDU-Dpt of Ed-Dev Algebraic Thk	Michigan Department of Education	070290-073	23,361
	MIEDU-Ed Opp- Stats & Probability	Michigan Department of Education	070290-063	17,883
	MIEDU-EdOpp-Develop Algebraic Think	Michigan Department of Education	070290-073	14,570
	MIEDU-Educ Sci/Math-Mathematics	Michigan Department of Education	060290-1211	87,362
	MIEDU-Educs' Science/Math-Math	Michigan Department of Education	060290-1211	32,230
	MIEDU-GRAPCEP-Stats & Probability	Michigan Department of Education	070290-063	4,860
	UNIVE-GRAPCEP-Edu Sci/Math-Math	Michigan Department of Education	060290-1211	<u>10,800</u>
				<u>206,149</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs - continued				
Pass-through Programs with CFDA Numbers - continued				
US Department of Education - continued				
84.367B	Improving Teacher Quality State Grants			
	MIEDU-04/05 Imp Tchr Qual Appl Math	Michigan Department of Education	050290-304	\$ 14,547
	MIEDU-Imp Tchr Qual 04/05 Appl Sci	Michigan Department of Education	050290-405	32,169
	MIEDU-Imp Tchr Qual Appl Math 04/05	Michigan Department of Education	050290-304	29,408
	MIEDU-Imp Tchr Qual Appl Sci	Michigan Department of Education	050290-405	11,450
				<u>87,574</u>
Total US Department of Education				<u>297,424</u>
US Department of Homeland Security				
97.017	Pre-Disaster Mitigation (PDM) Competitive Grants			
	MIPOL-Pre-Dstr Mitigat Grant	Michigan Dept of State Police	HAZARD MITIGATION GRNT AGMT	<u>21,027</u>
Total Other Programs - Pass-through Programs with CFDA Numbers				<u>398,779</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs - continued				
Direct Programs with no CFDA Numbers				
US Department of Agriculture				
10.unk	No CFDA Number			
	USAGR-ESC/2006 Silviculture PASS 16	-n/a-	AG-56A1-P06-0021 MOD#0001	\$ 9,755
	USAGR-ESC-2007 Silviculture course	-n/a-	AG-3187-C-07-0022	<u>77,200</u>
Total US Department of Agriculture				<u>86,955</u>
US Department of Interior				
15.unk	No CFDA Number			
	YELLO-2006 Clean Snowmobile Results	-n/a-	E-MAIL DATED 03/08/06	<u>211</u>
National Science Foundation				
47.unk	No CFDA Number			
	NSF - IPA Year 4 Jackie Huntoon	-n/a-	GEO-0353279-001,002,003,004	9,499
	NSF-Earth Science Education	-n/a-	GEO-0608039	19,936
	NSF-IPA Assignment Sorby, Sheryl	-n/a-	DUE-0715774	<u>112,176</u>
Total National Science Foundation				<u>141,611</u>
Total Other Programs - Direct Programs with no CFDA Numbers				<u>228,777</u>

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs - continued				
Pass-through Programs with no CFDA Numbers				
US Department of Agriculture				
10.unk	No CFDA Number			
	WESTE-Sign Project Impl Plan	Western UP Heritage Trails Network	CO #031047 P1-P4	\$ 5,438
	WESTE-WUPHTN Sgn Implem Pln	Western UP Heritage Trails Network	CO #031047 P1-P4	97
Total US Department of Agriculture				5,535
US Department of Transportation				
20.unk	No CFDA Number			
	MITRA-MTTI-TDG-LTAP 2005	Michigan Department of Transportation	2003-0062 #83508/83509/83512	68,330
	MITRA-MTTI-TDG-Rdsoft 2007	Michigan Department of Transportation	CONTRACT 2007-0339 AUTH Z3	419,744
	MITRA-MTTI-TDG-Roadsoft Safety Mod	Michigan Department of Transportation	2007-0339 AUTH Z4	64,464
	MITRA-MTTI-TDG-Safety Enhc 06	Michigan Department of Transportation	2004-0053 AUTHORIZATION Z5	46,727
	MITRA-TDG-MTTI-Roadsoft 2006	Michigan Department of Transportation	2004-0053 AUTHORIZATION Z3	325,298
	MITRA-TDG-MTTI-TAMC Act Additional	Michigan Department of Transportation	2004-0053 AUTH Z4	24,342
	UNIVE-Grt Lks Maritm K12	University of Wisconsin-Superior	144 051038 4	10,653
	UNIVE-MTTI-Grt Lks Maritime K-12 Pr	University of Wisconsin-Superior	144-051034-4	30,529
Total US Department of Transportation				990,087
National Aeronautics and Space Administration				
43.unk	No CFDA Number			
	UNIVE-Fld Train Erth Sys	University of Michigan	CHK #1445505	390
	UNIVE-Incr STEM Field Interest	University of Michigan	CHK #1445506	5,000
	UNIVE-MI Spc Grant Consortium Admin	University of Michigan	CHECK # 1294763	(187)
	UNIVE-Rsch Lke Superior	University of Michigan	ADVANCE ACCOUNT	2,500
	UNIVE-Space Grant Admin	University of Michigan	CHECK # 1445508	2,386
	UNIVE-Women & Explor Wkshops	University of Michigan	CK #1445504	5,000
Total National Aeronautics and Space Administration				15,089

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Other Programs - continued				
Pass-through Programs with no CFDA Numbers				
National Science Foundation				
47.unk	No CFDA Number			
	TENNE-IMP-Yr 7 Conference	Tennessee Technological University	CONTRACT ORDER #16852	\$ 8,088
US Department of Education				
84.unk	No CFDA Number			
	DICKI-Build Bridges Prof Dev Math T	Dickinson Iron Intermediate School District	AGREEMENT 1-16-06	6,481
	MILAB-Yth Engineer/Sci YES! Expo	Michigan Department of Labor & Economic Growth	PROJECT # 6017-5	50,000
Total US Department of Education				56,481
Total Other Programs - Pass-through Programs with no CFDA Number				1,075,280
Total Other Programs				2,406,252

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CFDA Number	Federal Program Name	Pass-through entity	Contract Number	Federal Expenditures
Plant Programs				
Direct Programs with no CFDA Number				
US Department of Commerce				
11.unk	No CFDA Number			
	Advanced Technology Design ATDC/EDA	-n/a-	-n/a-	\$ 3,496
US Department of Housing and Urban Development				
14.unk	No CFDA Number			
	Relocation AE Seaman Mineral Museum	-n/a-	-n/a-	236,550
US Department of Interior				
15.unk	No CFDA Number			
	Quincy Hill Design & Planning	-n/a-	-n/a-	(163,714)
	Quincy Hill Design B-04-SP-MI-0364	-n/a-	-n/a-	899,707
Total US Department of Interior				735,993
Total Plant Programs - Direct Programs with no CFDA Numbers				976,039
Pass-through Programs with no CFDA Number				
US Department of Housing and Urban Development				
14.unk	No CFDA Number			
	Relocation AE Seaman Mineral Museum	MEDC	-n/a-	64,517
Total Plant Programs				1,040,556
S Fund Programs				
Pass-through Programs with CFDA Numbers				
National Foundation for the Arts				
45.025	Promotion of the Arts Partnership Agreements			
	Cantebury Tales/2-24-07/Fed Pass	Arts Midwest	FY07-6795	3,354
Grand Total				\$ 57,739,099

MICHIGAN TECHNOLOGICAL UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE YEAR ENDED JUNE 30, 2007

SECTION I – SUMMARY OF AUDITORS’ RESULTS

Financial Statements

Type of auditors’ report issued: *Qualified for a GAAP departure related related to revenue recognition*

Internal controls over financial reporting:
 Material weakness(es) identified? _____ yes x no
 Significant deficiency(ies) identified not considered to be material weaknesses? _____ 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 not considered to be material weaknesses? _____ 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

<i>CFDA Number(s)</i>	<i>Name of Federal Program or Cluster</i>
84.033, 84.038, 84.063, 84.066, 84.068, 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: \$ 1,732,173

Auditee qualified as low risk auditee? x yes _____ no

MICHIGAN TECHNOLOGICAL UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)
FOR THE YEAR ENDED JUNE 30, 2007

SECTION II – FINANCIAL STATEMENT FINDINGS

None

SECTION III – FEDERAL AWARDS FINDINGS

None

SECTION IV – SUMMARY OF PRIOR AUDIT FINDINGS

None

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