Federal Awards
Supplemental Information
June 30, 2007

Corrective Action Plan

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Independent Auditor's Report

To the Board of Trustees Western Michigan University

We have audited the basic financial statements of Western Michigan University for the year ended June 30, 2007 and have issued our report thereon dated August 30, 2007. Those basic financial statements are the responsibility of the management of Western Michigan University. Our responsibility was to express an opinion on those basic financial statements based on our audit.

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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the basic financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the basic financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

Our audit was conducted for the purpose of forming an opinion on the basic financial statements of Western Michigan University taken as a whole. The accompanying schedule of expenditures of federal awards is presented for the purpose of additional analysis and is not a required part of the basic financial statements. The information in this schedule 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.

Plante & Moran, PLLC

August 30, 2007



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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

To the Board of Trustees Western Michigan University

We have audited the financial statements of Western Michigan University as of and for the year ended June 30, 2007 and have issued our report thereon dated August 30, 2007. 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 Western Michigan 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 Western Michigan University's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of Western Michigan University's internal control over financial reporting.

Our consideration of internal control over financial reporting was for the limited purpose described in the preceding paragraph and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. However, as discussed below, we identified a certain deficiency in internal control over financial reporting that we consider to be a significant deficiency.

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 controls. We consider the control deficiency described in the accompanying schedule of findings and questioned costs as item 2007-A to be a significant deficiency in internal control over financial reporting.



To the Board of Trustees Western Michigan University

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 the internal control that might be significant deficiencies and, accordingly, would not necessarily disclose all significant deficiencies that are also considered to be material weaknesses. However, we believe the significant deficiency described above is not a material weakness

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Western Michigan 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*.

Western Michigan University's response to the significant deficiency and findings relating to compliance and other matters identified in our audit and described in the accompanying schedule of findings and questioned costs has not been subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

This report is intended solely for the information and use of the board of trustees, management, 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.

Plante & Moran, PLLC

August 30, 2007

Plante & Moran, PLLC



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Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control Over Compliance in Accordance with OMB Circular A-133

To the Board of Trustees Western Michigan University

Compliance

We have audited the compliance of Western Michigan University with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Circular A-I33 Compliance Supplement that are applicable to each of its major federal programs for the year ended June 30, 2007. The major federal programs of Western Michigan University are identified in the summary of auditor's 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 Western Michigan University's management. Our responsibility is to express an opinion on Western Michigan 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 Western Michigan 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 on Western Michigan University's compliance with those requirements.

In our opinion, Western Michigan 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. However, the results of our auditing procedures disclosed instances of noncompliance with those requirements that are required to be reported in accordance with OMB Circular A-133 and which are described in the accompanying schedule of findings and questioned costs as items 2007-1 and 2007-2.



To the Board of Trustees Western Michigan University

Internal Control Over Compliance

The management of Western Michigan University is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered Western Michigan University's internal control over compliance with 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. Accordingly, we do not express an opinion on the effectiveness of the entity's internal control over compliance.

Our consideration of internal control over compliance was for the limited purpose described in the preceding paragraph and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. However, as discussed below, we identified certain deficiencies in internal control over compliance and its operation that we consider to be significant deficiencies.

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 noncompliance with a type of compliance requirement for a major 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 controls. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2007-1 and 2007-2 to be significant deficiencies.

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. We did not consider either of the deficiencies in the accompanying schedule of findings and questioned costs to be a material weakness.

Our consideration of the 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.

Western Michigan University's response to the findings identified in our audit is described in the accompanying schedule of findings and questioned costs. We did not audit Western Michigan University's response and, accordingly, we express no opinion on it.

To the Board of Trustees Western Michigan University

This report is intended solely for the information and use of the board of trustees, management, 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.

Plante & Moran, PLLC

November 15, 2007

| | CFDA | Pass-through | Award | Federal |
|--|--------|-----------------------------|------------|--------------|
| Federal Agency/Pass-through Agency/Program Title | Number | Entity/Project/Grant Number | Amount | Expenditures |
| Clusters: | | | | |
| Student Financial Aid Cluster - Direct Program - | | | | |
| U.S. Department of Education: | | | | |
| Federal Perkins Loan Program (Note 2) | 84.038 | P038A042105 | \$ - | \$ 2.037.345 |
| Federal Work Study Program (Note 4) | 84.033 | P033A062105 | 881,169 | 728,166 |
| Federal Supplemental Educational Opportunity Grant (Note 4) | 84.007 | P007A062105 | 789,943 | 877,836 |
| Federal Pell Grant Program | 84.063 | P063P060246 | 10,319,165 | 10,319,165 |
| Academic Competitiveness Grant | 84.375 | P375A060246 | 237,432 | 237,432 |
| Science and Mathematics Access to Retain Talent Grant | 84.376 | P3756S060246 | 380,747 | 380,747 |
| Federal Direct Loan Program: | | | , | , |
| Federal Subsidized Stafford Loans | 84.268 | N/A | N/A | 43,324,062 |
| Federal Unsubsidized Stafford Loans | 84.268 | N/A | N/A | 38,030,603 |
| Federal Plus Loans | 84.268 | N/A | N/A | 30,423,663 |
| Federal Grad Plus Loans | 84.268 | N/A | N/A | 425,640 |
| rederal erad riab Estats | 01.200 | 14,71 | 14// | |
| Total Federal Direct Loan Program | | | | 112,203,968 |
| Total Student Financial Aid Cluster | | | | 126,784,659 |
| Research and Development Cluster: | | | | |
| U.S. Department of Agriculture: | | | | |
| Cooperative State Research, Education, and Extension Service - | | | | |
| Integrated Programs - Passed through Michigan State | | | | |
| University - Managing Late Blight of Potato | 10.303 | 61-4351A | 28,567 | 13,681 |
| Food and Nutrition Service - Special Supplemental Nutrition | | | | |
| Program for Women, Infants, and Children - Passed through | | | | |
| Michigan Department of Community Health: | | | | |
| Healthy Child Eating 06/07 | 10.557 | 20070549 | 129,000 | 85,394 |
| Healthy Child Eating Ed | 10.557 | 20060550 | 90,000 | 33,256 |
| Food and Nutrition Service - Special Supplemental Nutrition | | | | |
| Program for Women, Infants, and Children - Passed through | | | | |
| Washington State Department of Health - | | | | |
| Washington WIC 05-06 | 10.557 | N14381 | 33,500 | 19,541 |
| Food and Nutrition Service - WIC Grants to States (WGS) - | | | | |
| Passed through Michigan Department of Community Health: | | | | |
| WIC USDA Project Yr. 2 | 10.578 | 20060717 | 151,832 | 47,063 |
| WIC USDA Project Yr. 3 | 10.578 | 20070550 | 156,974 | 121,644 |
| Forest Service - Forestry Research - Simulations of | | | | |
| Flexible Fiber | 10.652 | 04-CA-11111123-105 | 5,000 | 4,990 |
| Foreign Agricultural Service - Scientific Cooperation and | | | | |
| Research - Transgenic crops | 10.961 | 58-3148-4-025 | 388,326 | 72,171 |
| Total U.S. Department of Agriculture | | | | 397,740 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|---|----------------|--|-----------------|-------------------------|
| | - I dullibei | 110ject/ Grant (Number | | Experiditures |
| Clusters (Continued): | | | | |
| Research and Development Cluster (Continued): | | | | |
| U.S. Department of Commerce: | | | | |
| National Oceanic and Atmospheric Administration - Coastal | | | | |
| Zone Management Administration Awards - Passed through | | | | |
| Michigan Department of Environmental Quality - Huron | | 05D 7.01 | | |
| Coastal Heritage Water | 11.419 | 05D-7.01 | \$ 24,000 | \$ 12,673 |
| National Oceanic and Atmospheric Administration - Special | | | | |
| Oceanic and Atmospheric Projects - Watershed Water | 11.440 | NIAO/ O A D // 00000 | 47.470 | 25.044 |
| Quality Model | 11.460 | NA06OAR4600220 | 47,678 | 25,046 |
| National Oceanic and Atmospheric Administration - | | | | |
| Hydrologic Research - Passed through State University of | 11.462 | 1020/25/2/000 | 107 003 | 70.042 |
| New York - Monitoring Cyanobacteria | 11.462 | 1028625/26880 | 187,893 | 78,943 |
| National Oceanic and Atmospheric Administration - Center | | | | |
| for Sponsored Coastal Ocean Research - Coastal Ocean Program - Passed through University of Michigan - | | | | |
| Ecological Forecasting Lake Erie | 11.478 | 3000635480 | 45,500 | 23.657 |
| National Institute for Standards and Technology - Advanced | 11.770 | 3000633760 | 45,500 | 23,637 |
| Technology Program - Optical Instrument Development | 11.612 | SB134106W0621 | 207,078 | 73,789 |
| Total U.S. Department of Commerce | | | | 214,108 |
| U.S. Department of Defense: | | | | |
| Department of the Army, Office of the Chief of Engineers - | | | | |
| Beach Erosion Control Projects - Monitoring Allegan Shore | | | | |
| 2006 | 12.101 | W911XK-06-T-0050 | 80,000 | 80,000 |
| Basic and Applied Scientific Research: | | | | |
| Life Model for Spectrum Loading | 12.300 | N00014-05-1-0872 | 153,990 | 82,083 |
| Load Sequence Effects 04/07 | 12.300 | N00014-04-1-0718 | 190,000 | 77,476 |
| Rough Wall Layer Modeling | 12.300 | N00014-05-1-0307 | 199,000 | 72,911 |
| Department of Navy, Office of the Chief of Naval Research - | | | | |
| Basic and Applied Scientific Research - Passed through | | | | |
| Portland State University - Threatened and Endangered Bats | 12.300 | 206ZIN014 | 14,454 | 14,454 |
| U.S. Army Medical Command - Military Medical Research and | | | | |
| Development - Prostate Cancer Research | 12.420 | W81XWH-04-1-0250 | 102,451 | 20,785 |
| U.S. Army Material Command - Basic Scientific Research: | | | | |
| Army Equipment | 12.431 | W911NF-06-1-0140 | 190,200 | 57,536 |
| Chemical Warfare Agents | 12.431 | W911QY-07-1-0003 | 1,200,000 | 20,679 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|--|----------------|---|-----------------|-------------------------|
| Clusters (Continued): | | | | |
| Research and Development Cluster (Continued): | | | | |
| U.S. Department of Defense (Continued): | | | | |
| Office of the Secretary of Defense - Basic, Applied, and | | | | |
| Advanced Research in Science and Engineering - Fatigue | | | | |
| System Enhancing Research | 12.630 | N00014-05-1-0441 | \$ 315,000 | \$ 136,144 |
| Department of the Air Force, Material Command - Air Force | | | | |
| Defense Research Sciences Program - Airfoil Wing Flow | | | | |
| Control | 12.800 | FA9550-06-1-0187 | 212,394 | 158,149 |
| Other Programs - CFDA Not Identified - Passed through | | | | |
| Third Wave Systems, Inc Ductile Mode Machining | 12.999 | TDM399 | 150,000 | 49,659 |
| Total U.S. Department of Defense | | | | 769,876 |
| U.S. Department of Interior - Geological Survey - National | | | | |
| Cooperative Geologic Mapping Program - Geological Mapping | | | | |
| of Quadrangles | 15.810 | 06HQAG0110 | 10,993 | 10,250 |
| Total U.S. Department of Interior | | | | 10,250 |
| U.S. Department of Justice: | | | | |
| Office of Juvenile Justice and Delinquency Prevention - Juvenile | | | | |
| Justice and Delinquency Prevention - Allocation to States - | | | | |
| Passed through County of Kalamazoo - Co-Occurring | | | | |
| Disorders 05/06 | 16.540 | 5516 | 14,255 | 14,255 |
| Drug Court Program Office - Drug Court Discretionary Grant | | | | |
| Program - Passed through County of Kalamazoo - | | | | |
| Men and Juvenile Drug Court 06/07 | 16.585 | 5814 | 23,636 | 2,462 |
| Tability December of history | | | | 17.717 |
| Total U.S. Department of Justice | | | | 16,717 |
| U.S. Department of State - Bureau of Educational and Cultural | | | | |
| Affairs - Professional Exchanges - Annual Open Grant - | | | | |
| Hydrogeology Coalition | 19.415 | S-ECAPE-02-GR-126CS | 221,116 | (19) |
| Total U.S. Department of State | | | | (19) |
| U.S. Department of Transportation: | | | | |
| Federal Transit Administration - Federal Transit Technical | | | | |
| Assistance - Passed through T-Concepts - SE Michigan | | | | |
| Freeway Simulation Model | 20.512 | 2005-0458 | 60,745 | 31,171 |
| Federal Transit Administration - State Planning and Research - | | | | |
| Passed through Michigan Department of Transportation - | | | | |
| Rapid Bridge Replacement | 20.515 | 2004-0090 85097 | 224,522 | 26,717 |
| Research and Special Programs Administration - University | | | | |
| Transportation Centers Program - Passed through National | | | | |
| Transportation Research Center - Heavy Truck Rollover | | | | |
| Phase III | 20.701 | DTRT06G0043U020801 | 49,316 | 2,358 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|---|--------------------|---|-----------------|-------------------------|
| Clusters (Continued): | | | | |
| Research and Development Cluster (Continued): | | | | |
| U.S. Department of Transportation (Continued): | | | | |
| Office of The Secretary - Transportation Planning, Research | | | | |
| Office of The Secretary - Transportation Planning, Research | | | | |
| and Education - Passed through Michigan Department of | | | | |
| Transportation: | | | | |
| Box Beam Bridge Deck | 20.931 | 85098 | \$ 193,822 | \$ 6,089 |
| Link Slab Deck Design | 20.931 | 85104 | 123,070 | 4,289 |
| Other Programs - CFDA Not Identified - Passed through | | | | |
| Texas A&M Research Foundation - Pedestrian and | | | | |
| Bike Engineering | 20.999 | S060061 | 5,714 | 5,431 |
| Total U.S. Department of Transportation | | | | 76,055 |
| National Aeronautics and Space Administration: | | | | |
| Aerospace Education Services Program: | | | | |
| Astrophysical Plasmas I | 43.001 | NNG04GB58G | 435,000 | 107,731 |
| Astrophysical Plasmas 2 | 43.001 | NNX07AH01G | 60,000 | 55,321 |
| Calculations of High Temp | 43.001 | NNG05GD41G | 461,693 | 166,193 |
| Aerospace Education Services Program - Passed through | | | | |
| Michigan Space Grant Consortium: | | | | |
| MSGC Fellowships | 43.001 | 5312 | 17,500 | 800 |
| MSGC Operations | 43.001 | 1897 | 5,800 | 2,432 |
| Nature of Science | 43.001 | 3123 | 4,589 | 2,627 |
| Reforming HS Science Teaching | 43.001 | 5474 | 5,000 | 5,000 |
| Technology Transfer - Mars Public Engagement | 43.002 | 1289932 | 476,417 | 80,933 |
| Technology Transfer - Passed through National Institute of | | | | |
| Aerospace - Photogram Matlab Functions | 43.002 | T06-6081-WMU | 79,085 | 79,085 |
| Technology Transfer - Passed through Space Telescope | | | | |
| Science Instituted - AGN Intrinsic Absorbers | 43.002 | HST-AR-09536-03-A | 64,229 | 12,732 |
| Total National Aeronautics and Space | | | | |
| Administration | | | | 512,854 |
| National Endowment for the Arts and the Humanities: | | | | |
| National Endowment for the Humanities - Promotion of the | | | | |
| Humanities - Research: | | | | |
| Pembroke Digital Edition | 45.161 | RQ-50227-06 | 99,930 | 92,764 |
| Wake of Exploration | 4 5.161 | RQ-50197-06 | 99,986 | 84,662 |
| National Endowment for the Humanities - Promotion of the Humanities - Seminars and Institutes: | | | | |
| Holy Men of Anglo-Saxon | 45.163 | FS-50065-05 | 148,990 | 42,228 |
| The Cathedral and Culture | 45.163 | EH-50077-06 | 175,535 | 171751 |
| Total National Endowment for the Arts and the | | | | |
| Humanities | | | | 381,305 |

| | CFDA | Pass-through Entity | Award | Federal |
|--|---------------------|----------------------|-----------|--------------|
| Federal Agency/Pass-through Agency/Program Title | Number | Project/Grant Number | Amount | Expenditures |
| Clusters (Cantinuad) | | | | |
| Clusters (Continued): Research and Development Cluster (Continued): | | | | |
| National Science Foundation: | | | | |
| Engineering Grants: | | | | |
| Center for Barrier Pkg Research | 47.041 | EEC-0556312 | \$ 10,000 | \$ 6.527 |
| REU in CMD | 47.041 | EEC-0240661 | 235,140 | 652 |
| Engineering Grants - Passed through Mound Laser and | 17.011 | LEC 02 10001 | 233,110 | 032 |
| Photonics Center, Inc Laser Ablation for Machining | 47.041 | PO 2007016 | 60,000 | 7,874 |
| Engineering Grants - Passed through Sommer Materials | 17.011 | 1 0 200/010 | 00,000 | 7,071 |
| Research, Inc Photochemical Chlorination | 47.041 | 5767 | 1,600 | 1,599 |
| Engineering Grants - Passed through Touch Graphics, Inc | 47.041 | 3707 | 1,000 | 1,377 |
| Museum Accessibility | 47.041 | 5034 | 36,500 | 1,404 |
| , | 47.041 | 3037 | 36,300 | 1,101 |
| Mathematical and Physical Sciences: | 47.049 | CHE-0548074 | 203,987 | 49,994 |
| Rationally Assembled Nanoparticles | | | 203,767 | 73.021 |
| Copper Transfer Proteins | 47.049 47.040 | CHE-0645518 | • | , |
| Discontinuous Feedback | 47.049 | DMS-0708019 | 150,055 | 13,222 |
| Manufacturing Ceramics | 47.049 | DMR-0403650 | 740,028 | 68,129 |
| Nuclear and Hypernuclear Theory | 47.049 | PHY-0456943 | 26,820 | 7,377 |
| US/France Cooperative Research | 47.049 | OISE-0440633 | 27,360 | 5,169 |
| Mathematical and Physical Sciences - Passed through | 47.040 | DI D. 0100707 | 441.011 | 120 140 |
| American Physical Society - The PhysTEC Project | 47.049 | PHY-0108787 | 661,811 | 130,140 |
| Mathematical and Physical Sciences - Passed through | | | | |
| Wayne State University - External Evaluation Detroit Public | 47.0 4 9 | DGE-0231883 | 126,000 | 13,301 |
| Geosciences: | | | | |
| Atmospheric Nitrogen Flux | 47.050 | ATM-0227488 | 295,712 | 5,346 |
| Chesapeake Bay Impact Year I | 47.050 | EAR-0506726 | 6,701 | 2,389 |
| Chesapeake Bay Impact Year 2 | 47.050 | EAR-0606705 | 14,995 | 10,286 |
| Organic Aqueous Complexation | 47.050 | EAR-0545104 | 77,848 | 63,741 |
| POE Spectrometer | 47.050 | EAR-0446565 | 89,031 | 1,152 |
| Ridgevolumns I | 47.050 | EAR-0418076 | 119,561 | 22,735 |
| Sediment Heterogeneity | 47.050 | EAR-0348435 | 395,209 | 111,370 |
| Tethys Database | 47.050 | EAR-0455892 | 62,350 | 11,891 |
| Computer and Information Science and Engineering: | | | | |
| Creating Pathways to IT | 47.070 | EIA-0306092 | 749,520 | 146,037 |
| Imaging/INF Visual/Egmt | 47.070 | EIA-0215356 | 243,130 | (53) |
| Large Relational Data | 47.070 | IIS-0414857 | 370,000 | 62,814 |
| Biological Sciences: | | | | |
| Collaborative Research | 47.074 | OCE-0433869 | 129,267 | 26,325 |
| Expressed Nuclear Genes | 47.074 | DEB-0344496 | 223,477 | 33,628 |
| LTREB Trout Stream Foodwebs | 47.074 | DEB-0089736 | 149,996 | 48,480 |
| Signal Transduction REU | 47.074 | DBI-0139204 | 322,682 | 24,941 |
| Signal Transduction REU2 | 47.074 | DBI0552517 | 194,641 | 87,450 |
| UNC 82 Protein Kinase REU Supp | 47.074 | MCB-0454737 | 6,500 | 4,900 |

| | CFDA | Pass-through Entity | Award | Federal |
|---|--------|----------------------|------------|--------------|
| Federal Agency/Pass-through Agency/Program Title | Number | Project/Grant Number | Amount | Expenditures |
| Chartery (Continued) | | | | |
| Clusters (Continued): Research and Development Cluster (Continued): | | | | |
| . , , | | | | |
| National Science Foundation (Continued): | | | | |
| Social, Behavioral, and Economic Sciences: | 47.075 | SES 0531000 | \$ 109.081 | ¢ 55.417 |
| Adaptive Risky Choice | | SES-0521888 | . , | |
| Doc Dissertation Research | 47.075 | SES-0721097 | 2,000 | 2,000 |
| Ethical Issues in Nanotechnology | 47.075 | SES-0620694 | 134,936 | 23,550 |
| Facilitating Change in Higher Ed | 47.075 | SES-0623009 | 97,011 | 10,043 |
| Gender Politics I | 47.075 | BCS-0413431 | 116,974 | 5,052 |
| Geologic Database for Egypt | 47.075 | OISE-0455899 | 22,769 | 7,651 |
| Groundwater Flow for Egypt | 47.075 | OISE-0455890 | 34,531 | 1,675 |
| Mesopotamia Database | 47.075 | OISE-0455896 | 31,478 | 10,006 |
| Mongolia Agricultural Land | 47.075 | BCS-0616763 | 49,960 | 28,084 |
| Social, Behavioral, and Economic Sciences - Passed through | | | | |
| University of Montana - PACE Evaluation | 47.075 | PG-5637-01 | 225,000 | 41,961 |
| Education and Human Resources: | | | | |
| Adolescents' TV Identification | 47.076 | HRD-0624583 | 498,354 | 137,786 |
| Assess Knowledge of Science Teach | 47.076 | DUE-0512596 | 400,064 | 62,548 |
| Assess Media Influences | 47.076 | HRD-0429005 | 291,010 | 22,616 |
| ATE 02/05 | 47.076 | REC-0135385 | 1,766,741 | 21,149 |
| ATE Survey 07/08 | 47.076 | DUE-0702981 | 466,882 | 127,388 |
| Core-Plus Revision | 47.076 | ESI-0137718 | 5,099,476 | 985,340 |
| Dev Public Policy Prg/AEA | 47.076 | REC-0130605 | 69,720 | 8,255 |
| Globalization and Change Latin America | 47.076 | SES-0353969 | 190,890 | 18,867 |
| Middle School Science EX3 | 47.076 | DUE-0202923 | 899,294 | 32,774 |
| Science Achievement in 8th Grade | 47.076 | REC-0437655 | 1,871,525 | 411,207 |
| STEM Learning Communities | 47.076 | DUE-0336581 | 1,000,303 | 185,861 |
| Teaching of Elementary Science | 47.076 | DUE-0536536 | 199,517 | 32,171 |
| Education and Human Resources - Passed through Education | | | | |
| Development Center, Inc Impact Study of Math Workshop | 47.076 | 3194 | 194,276 | 28,989 |
| Education and Human Resources - Passed through Michigan | | | | |
| State University - MSU Science and Math Evaluation | 47.076 | 612232WM | 172,236 | 40,201 |
| Education and Human Resources - Passed through Ohio State | | | | |
| Univeristy Research Foundation: | | | | |
| CAUSEweb Evaluation | 47.076 | RF00976048 | 40,928 | 16,345 |
| Ohio Causeway Professional Dev | 47.076 | RF01033298 | 103,500 | 11,773 |
| Outreach for State Educators | 47.076 | 60007824 | 50,000 | 2,311 |
| Education and Human Resources - Passed through San Diego | _ | | , | , |
| State University Foundation - Physics Among Elem Teachers | 47.076 | 52270AP16237807211CS | 235.264 | 33,217 |
| Education and Human Resources - Passed through University | | | 200,201 | , |
| of Hawaii at Manoa - Tsunami Hazards | 47.076 | Z765510 | 92.405 | 25.548 |
| o | | | , _, | 25,5 10 |

| Research and Development Cluster (Continued): Research and Development Cluster (Continued): Education and Human Resources - Passed through University of Michigan: BART Phase 47.076 F01321 5 15.484 \$ 15.262 Michigan Louis Stokes Alliance 47.076 F01424 182,714 53.288 Education and Human Resources - Passed through University of Michigan-Dearborn - Nath Curriculum for Preservice Education and Human Resources - Passed through University of Michigan-Dearborn - Nath Curriculum for Preservice Education and Human Resources - Passed through University of Miscouri - Center for Study of Mark Curculum 47.076 C00001550-2 2,142.080 431,402 Education and Human Resources - Passed through University of Miscouri - Center for Study of Mark Curculum 47.076 EHR-0314898-WHU 94,396 22,172 Education and Human Resources - Passed through Wayne 33.1902 144,999 17.086 International Science and Engineering (OISE): 47.076 A3.31902 144,999 17.086 International Science and Engineering (OISE): 47.079 OISE-0514307 28.422 10.050 International Science and Engineering (OISE): 47.079 OISE-0514307 28.422 10.050 International Science and Engineering (OISE): 47.079 OISE-0514307 28.422 10.050 Environmental Protection Agency - Office of Research and Development - Environmental Protection Agency - Office of Science Financial Assistance Program: 47.079 DE-F002-03ER46082 400,000 36.823 Total Environmental Protection Agency - Office of Science Financial Assistance Program: 81.049 DE-F002-04ER4132 17.079 17.086 Excitations-Netal Ammonia Comp2 81.049 DE-F002-04ER4132 17.079 17.086 Excitations-Netal Ammonia Comp2 81.049 DE-F002-04ER4132 17.079 17.086 Excitations-Netal Ammonia Comp2 81.049 DE-F002-04ER4132 17.079 17.087 Experimental Research and Development - Passed through Battelle Menonia Institute - Miscouries - Passed through Battelle Menonia Institute - Miscouries - Passed through | Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|--|---|----------------|---|-----------------|-------------------------|
| National Science Foundation (Continued): Education and Human Resources - Passed through University of Michigan: BART Prase II | Clusters (Continued): | | | | |
| Education and Human Resources - Passed through University of Michigan: BART Phase II | Research and Development Cluster (Continued): | | | | |
| A | National Science Foundation (Continued): | | | | |
| BART Phase 47.076 FO132 \$ 15.484 \$ 15.262 | Education and Human Resources - Passed through University | | | | |
| Michigan Louis Stokes Alliance 47.076 F014264 182,714 53,288 | of Michigan: | | | | |
| Education and Human Resources - Passed through University of Michigan-Dearborn - Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for Study of Math Curriculum (and Missouri - Center for for Missouri - Center for Missouri | BART Phase II | 47.076 | F013211 | \$ 15,484 | \$ 15,262 |
| Michigan-Dearborn - Nath Curriculum for Preservice 47.076 F009673 26,644 1,733 | Michigan Louis Stokes Alliance | 47.076 | F014264 | 182,714 | 53,288 |
| Education and Human Resources - Passed through University of Missouri - Center for Study of Math Curriculum 47.076 C00001550-2 2,142,080 431,402 Education and Human Resources - Passed through University Project 3 47.076 EHR-0314898-WMU 94.396 22,172 Education and Human Resources - Passed through Wayne State University - Evaluate WSU Technical Support 47.076 3-31902 144,999 17,086 International Science and Engineering (OISE): Renewable Groundwater Resource 47.079 OISE-0514307 28,422 10,506 UNC 82 Protein Kinase 47.079 MCB-0454737 162,000 36,823 Total National Science Foundation Environmental Protection Agency - Office of Research and Development - Environmental Protection Consolidated Research - Environmental Protection Agency - Office of Research and Development - Environmental Protection Agency - Office of Science Financial Assistance Program: Atoms to Clusters 8 10.49 DE-FG02-03ER46082 400,000 89,894 Energy and Nat Resources Learn 81.049 DE-FG02-06CH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-04ER41320 176,779 27,067 Inelastic X-ray Scattering 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 DE-FG02-03ER83578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-04ER41320 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-04ER41320 2,845,000 25,879 Probing Com | Education and Human Resources - Passed through University | | | | |
| of Missouri - Center for Study of Math Curriculum Education and Human Resources - Passed through University Project 3 Education and Human Resources - Passed through University Project 3 Education and Human Resources - Passed through Wayne State University - Evaluate WSU Technical Support State University - Evaluate WSU Technical Support 47.076 International Science and Engineering (OISE): Renewable Groundwater Resource 47.079 INCB-0514307 Environmental Protection Agency - Office of Research and Development - Environmental Protection Consolidated Research - Environmental Health Risk Total Environmental Protection Agency U.S. Department of Energy: Office of Science Financial Assistance Program: Atoms to Clusters 81.049 Energy and Nat Resources Learn Environmental Research Energy and Nat Resources Learn Environmental Research Energy and Nat Resources Learn Environmental Research Biology Exotic Light Nuclei Biology Experimental Research Biology DE-FG02-04ER41320 PE-FG02-04ER41320 PE-FG02-04ER4 | of Michigan-Dearborn - Math Curriculum for Preservice | 47.076 | F009673 | 26,644 | 1,733 |
| Education and Human Resources - Passed through University Project 3 | Education and Human Resources - Passed through University | | | | |
| Project 3 47.076 EHR-0314898-WMU 94,396 22,172 Education and Human Resources - Passed through Wayne State University - Evaluate WSU Technical Support 47.076 3-31902 144,999 17,086 International Science and Engineering (OISE): Renewable Groundwater Resource 47.079 OISE-0514307 28,422 10,506 UNC 82 Protein Kinase 47.079 MCB-0454737 162,000 36,823 Total National Science Foundation 4,019,898 Environmental Protection Agency - Office of Research and Development - Environmental Protection Consolidated Research - Environmental Protection Agency 66.500 R-83023501 3,598,750 191,204 U.S. Department of Energy: Office of Science Financial Assistance Program: Atoms to Clusters 81.049 DE-FG02-03ER46082 400,000 89,894 Energy and Nat Resources Learn 81.049 DE-FG02-06EH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-09ER45772 229,315 120,565 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-09ER4572 229,315 120,565 Experimental Research 81.049 DE-FG02-09ER4572 229,315 120,565 Experimental Research 81.049 DE-FG02-09ER4572 229,315 120,565 Experimental Research 81.049 DE-FG02-03ER46082 400,000 278,935 Nanosensors 81.049 DE-FG02-03ER4599 5,000,000 278,935 Nanosensors 81.049 DE-FG02-03ER4599 5,000,000 278,935 Nanosensors 81.049 DE-FG02-03ER4599 569,182 194,446 Office of Science Financial Assistance Program - Passed through Altain Nanotechnologies, Inc Nanosensors 81.049 DE-FG02-03ER45578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-0 | of Missouri - Center for Study of Math Curriculum | 47.076 | C00001550-2 | 2,142,080 | 431,402 |
| Education and Human Resources - Passed through Wayne State University - Evaluate WSU Technical Support 47.076 3-31902 144,999 17,086 International Science and Engineering (OISE): Renewable Groundwater Resource 47.079 OISE-0514307 28.422 10.506 UNC 82 Protein Kinase 47.079 MCB-0454737 162,000 36,823 | Education and Human Resources - Passed through University | | | | |
| State University - Evaluate WSU Technical Support 47.076 3-31902 144,999 17,086 International Science and Engineering (OISE): Renewable Groundwater Resource 47.079 OISE-0514307 28,422 10,506 UNC 82 Protein Kinase 47.079 MCB-0454737 162,000 36,823 Total National Science Foundation 4,019,898 Environmental Protection Agency - Office of Research and Development - Environmental Protection Consolidated Research - Environmental Protection Agency 191,204 U.S. Department of Energy: 191,204 U.S. Department of Energy: 191,204 U.S. Department of Energy: 07fice of Science Financial Assistance Program: 81.049 DE-FG02-03ER46082 400,000 89,894 Energy and Nat Resources Learn 81.049 DE-FG02-06CH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-06CH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-09ER45772 229,315 120,562 Exotic Light Nuclei 81.049 DE-FG02-09ER45772 229,315 120,562 Exotic Light Nuclei 81.049 DE-FG02-09ER45772 270,67 Inelastic X-ray Scattering 81.049 DE-FG01-02ER45969 5,000,000 27,935 Nanosensors 81.049 DE-FG01-02ER45969 5,000,000 27,8935 Nanosensors 81.049 DE-FG01-02ER45969 5,000,000 27,8935 Probing Complexity Using ALS 81.049 DE-FG02-03ER63578 2,945,000 25,879 Probing Complexity Using ALS 81 | Project 3 | 47.076 | EHR-0314898-WMU | 94,396 | 22,172 |
| International Science and Engineering (OISE): Renewable Groundwater Resource | Education and Human Resources - Passed through Wayne | | | | |
| Renewable Groundwater Resource | State University - Evaluate WSU Technical Support | 47.076 | 3-31902 | 144,999 | 17,086 |
| UNC 82 Protein Kinase | International Science and Engineering (OISE): | | | | |
| Total National Science Foundation | Renewable Groundwater Resource | 47.079 | OISE-0514307 | 28,422 | 10,506 |
| Environmental Protection Agency - Office of Research and Development - Environmental Protection Consolidated Research - Environmental Protection Consolidated Research - Environmental Health Risks | UNC 82 Protein Kinase | 47.079 | MCB-0454737 | 162,000 | 36,823 |
| Development - Environmental Protection Consolidated Research - Environmental Health Risks | Total National Science Foundation | | | | 4,019,898 |
| Research - Environmental Health Risks Colorador Total Environmental Protection Agency Total Environmental Protection A | Environmental Protection Agency - Office of Research and | | | | |
| Total Environmental Protection Agency | Development - Environmental Protection Consolidated | | | | |
| U.S. Department of Energy: Office of Science Financial Assistance Program: Atoms to Clusters 81.049 DE-FG02-03ER46082 400,000 89,894 Energy and Nat Resources Learn 81.049 DE-FG02-06CH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-99ER45772 229,315 120,562 Exotic Light Nuclei 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 DE-FG02-05ER63578 2,845,000 278,935 Nanosensors 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-92ER14299 569,182 194,446 Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Dolomite Formation Study 81.089 DE-FC26-04NT15513 524,633 80,224 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 202292-001 165,000 101,823 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | Research - Environmental Health Risks | 66.500 | R-83023501 | 3,598,750 | 191,204 |
| Office of Science Financial Assistance Program: Atoms to Clusters 81.049 DE-FG02-03ER46082 400,000 89,894 Energy and Nat Resources Learn 81.049 DE-FG02-06CH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-99ER45772 229,315 120,562 Exotic Light Nuclei 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 PE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 PE-FG01-02ER45969 5,000,000 278,935 Nanosensors 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-92ER14299 569,182 194,446 Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 DE-FC26-04NT15513 <td< td=""><td>Total Environmental Protection Agency</td><td></td><td></td><td></td><td>191,204</td></td<> | Total Environmental Protection Agency | | | | 191,204 |
| Office of Science Financial Assistance Program: Atoms to Clusters 81.049 DE-FG02-03ER46082 400,000 89,894 Energy and Nat Resources Learn 81.049 DE-FG02-06CH11371 577,000 364,902 Excitations-Metal Ammonia Comp2 81.049 DE-FG02-99ER45772 229,315 120,562 Exotic Light Nuclei 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 PE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 PE-FG01-02ER45969 5,000,000 278,935 Nanosensors 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-92ER14299 569,182 194,446 Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 DE-FC26-04NT15513 <td< td=""><td>U.S. Department of Energy:</td><td></td><td></td><td></td><td></td></td<> | U.S. Department of Energy: | | | | |
| Atoms to Clusters | | | | | |
| Energy and Nat Resources Learn | _ | 81.049 | DE-FG02-03ER46082 | 400.000 | 89.894 |
| Excitations-Metal Ammonia Comp2 | | | | * | • |
| Exotic Light Nuclei 81.049 DE-FG02-04ER41320 120,000 20,941 Experimental Research 81.049 4F-02341 76,779 27,067 Inelastic X-ray Scattering 81.049 DE-FG01-02ER45969 5,000,000 278,935 Nanosensors 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-92ER14299 569,182 194,446 Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Dolomite Formation Study 81.089 DE-FC26-04NT15513 524,633 80,224 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 202292-001 165,000 101,823 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 10,00 | | 81.049 | DE-FG02-99ER45772 | | |
| Experimental Research 81.049 4F-02341 76,779 27,067 Inelastic X-ray Scattering 81.049 DE-FG01-02ER45969 5,000,000 278,935 Nanosensors 81.049 DE-FG02-03ER63578 2,845,000 25,879 Probing Complexity Using ALS 81.049 DE-FG02-92ER14299 569,182 194,446 Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Dolomite Formation Study 81.089 DE-FC26-04NT15513 524,633 80,224 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 202292-001 165,000 101,823 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | • | 81.049 | DE-FG02-04ER41320 | 120,000 | 20,941 |
| Inelastic X-ray Scattering Nanosensors Nanosensors Nanosensors Probing Complexity Using ALS Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II Nossil Energy Research and Development - Dolomite Formation Study Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 Institute - Passed through University of Michigan - Green House Gases National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.049 DE-FG01-02ER45969 5,000,000 278,935 DE-FG02-03ER63578 2,845,000 25,879 DE-FG02-92ER14299 569,182 194,446 Subject of Science Financial Analysis Assistance Program - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.049 DE-FG02-04ER41320 50,000 500 | _ | 81.049 | 4F-02341 | | * |
| Probing Complexity Using ALS Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II Fossil Energy Research and Development - Dolomite Formation Study Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases Environment, and Economics - Exotic Light Nuclei Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility B1.049 DE-FG02-92ER14299 WMU 0806.1 500,000 61,043 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 | • | 81.049 | DE-FG01-02ER45969 | 5,000,000 | |
| Probing Complexity Using ALS Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II Fossil Energy Research and Development - Dolomite Formation Study Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases Environment, and Economics - Exotic Light Nuclei Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility B1.049 DE-FG02-92ER14299 WMU 0806.1 500,000 61,043 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 | , 3 | 81.049 | DE-FG02-03ER63578 | | 25.879 |
| Office of Science Financial Assistance Program - Passed through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Dolomite Formation Study 81.089 DE-FC26-04NT15513 524,633 80,224 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 202292-001 165,000 101,823 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.99 DE-AC22-94PC91008 288,940 30,004 | Probing Complexity Using ALS | 81.049 | DE-FG02-92ER14299 | 569,182 | 194,446 |
| through Altair Nanotechnologies, Inc Nanosensors II 81.049 WMU 0806.1 500,000 500,000 Fossil Energy Research and Development - Dolomite Formation Study 81.089 DE-FC26-04NT15513 524,633 80,224 Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 202292-001 165,000 101,823 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | ŕ | , |
| Formation Study Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility B1.089 DE-FC26-04NT15513 524,633 80,224 81.089 DE-FC26-04NT15513 524,633 80,224 80,224 80,224 80,224 81.089 DE-FC26-04NT15513 524,633 80,224 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,2 | | 81.049 | WMU 0806.1 | 500,000 | 500,000 |
| Formation Study Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility B1.089 DE-FC26-04NT15513 524,633 80,224 81.089 DE-FC26-04NT15513 524,633 80,224 80,224 80,224 80,224 81.089 DE-FC26-04NT15513 524,633 80,224 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,24 80,2 | Fossil Energy Research and Development - Dolomite | | | | • |
| Fossil Energy Research and Development - Passed through Battelle Memorial Institute - Midwest Carbon Seq Phase 2 81.089 202292-001 165,000 101,823 Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | 81.089 | DE-FC26-04NT15513 | 524,633 | 80,224 |
| Fossil Energy Research and Development - Passed through University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | • | | | | |
| University of Michigan - Green House Gases 81.089 F014117 124,509 33,163 National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | Battelle Memorial Institute - Midwest Carbon Seq Phase 2 | 81.089 | 202292-001 | 165,000 | 101,823 |
| National Industrial Competitiveness through Energy, Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | Fossil Energy Research and Development - Passed through | | | | |
| Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | University of Michigan - Green House Gases | 81.089 | F014117 | 124,509 | 33,163 |
| Environment, and Economics - Exotic Light Nuclei 81.105 DE-FG03-04ER41320 224,000 54,476 Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | | |
| Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | 81.105 | DE-FG03-04ER41320 | 224,000 | 54,476 |
| Dissemination, Outreach, Training and Technical Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | | |
| Analysis/Assistance - Passed through Minnesota Department of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | | |
| of Commerce - High Capacity Paper Dryer 81.117 A74572 49,858 25,519 Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | | |
| Other Programs - CFDA Not Identified - Passed through Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | , | 81.117 | A74572 | 49,858 | 25,519 |
| Petroleum Technology Transfer Council - PTTC Satellite Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | | • |
| Facility 81.999 DE-AC22-94PC91008 288,940 30,004 | | | | | |
| , | <u>.</u> | 81.999 | DE-AC22-94PC91008 | 288,940 | 30,004 |
| | • | | | | 1,947,835 |

| Fodoral Agonov/Pars through Agonov/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|---|----------------|--|-----------------|-------------------------|
| Federal Agency/Pass-through Agency/Program Title | Number | Project/Grant Number | Amount | Experiditures |
| Clusters (Continued): | | | | |
| Research and Development Cluster (Continued): | | | | |
| U.S. Department of Education: | | | | |
| Office of Vocational and Adult Education - Vocational | | | | |
| Education - Basic Grants to States - Passed through Michigan | | | | |
| Department of Education - CTE Improvement 05/06 | 84.048 | 6018-6 | \$ 7,000 | \$ 3,044 |
| Office of Special Education Rehabilitative Services - National | | | | |
| Institute on Disability and Rehabilitation Research - Passed | | | | |
| through Sendero Group, LLC - Wayfindings Technologies | 84.133 | H133A011903 | 527,018 | 45,015 |
| Office of Elementary and Secondary Education - Even Start - | | | | |
| State Educational Agencies - Passed through Bay-Arenac | | | | |
| Intermediate School District - Even Start Program | 84.213 | 5574 | 10,000 | 8,974 |
| Charter Schools - Passed through Arizona State University: | | | | |
| Charter School Teacher Attrition | 84.282 | 020038 | 37,566 | 33,266 |
| Charter School Achievement | 84.282 | 07-748 | 47,293 | 21,558 |
| Office of Elementary and Secondary Education - Twenty-First | | | | |
| Century Community Learning Centers - Passed through | | | | |
| Kalamazoo Public Schools - KPS 21st CLC Eval 2 | 84.287 | 5133 | 74,333 | 19,817 |
| National Institute on Student Achievement, Curriculum, and | | | | |
| Assessment - Evaluate Kalamazoo Promise | 84.305 | R305A070381 | 348,136 | 4,267 |
| Office of Elementary and Secondary Education - Parental | | | | |
| Intermediate School District - ParentConnect | 84.310 | 5368 | 47,974 | 15,174 |
| Education Technology State Grants - Passed through Jackson | | | | |
| County Intermediate School District - Tech Assist for | | | | |
| Enhancing Education | 84.318 | 5752 | 7,500 | 2,927 |
| Institute of Education Sciences - Research in Special Education - | | | , | , |
| Career Connections for Disabled | 84.324 | H324C030014 | 899,974 | 175,450 |
| Institute of Education Sciences - Research in Special Education - | | | , | , |
| Passed through University of Michigan - Project ACSESS | 84.324 | F007980 | 37,209 | 11.081 |
| Office of Special Education and Rehabilitative Services - Special | | | , | , |
| Education - Personnel Development to Improve Services | | | | |
| and Results for Children with Disabilities - Intensive | | | | |
| Recruitment II | 84.325 | H325K060336 | 192,794 | 1.891 |
| Office of Special Education and Rehabilitative Services - Special | | | , | ., |
| Education - Technical Assistance and Dissemination to | | | | |
| Improve Services and Results for Children with Disabilities - | | | | |
| Passed through University of North Carolina - Secondary | | | | |
| Transition Tech | 84.326 | 2975-05-0422-WMU | 489,496 | 214,799 |
| Office of Post Secondary Education - Gaining Early Awareness | | | , | , |
| and Readiness for Undergraduate Programs: | | | | |
| GEAR UP Learning Centers II | 84.334 | P334A050257 | 5,499,200 | 1,969,515 |
| GEAR UP Partnership 01/05 | 84.334 | P334A000121 | 19,014,818 | 2,066,033 |
| Office of Elementary and Secondary Education - | 2551 | . 22 | ,5. 1,510 | _,000,000 |
| Early Reading First | 84.359 | S359B060050 | 3,404,136 | 497,655 |
| | 0 | 5557255555 | 5, 15 1, 150 | 177,333 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|--|---------------------|--|-------------------------|-------------------------|
| reactary general ass an oughty general rog, and ride | Tamber | Trojecy Grane (Namber | - / unounc | Experialitares |
| Clusters (Continued): | | | | |
| Research and Development Cluster (Continued): | | | | |
| U.S. Department of Education (Continued): | | | | |
| Office of Elementary and Secondary Education - Mathematics | | | | |
| and Science Partnerships - Passed through Dickinson-Iron | | | | |
| Intermediate School District - Building Bridges - | | | | |
| UP Math Part | 84.366 | 5427 | \$ 122, 4 86 | \$ 44,772 |
| Office of Elementary and Secondary Education - Mathematics | | | | |
| and Science Partnerships - Passed through Michigan | | | | |
| Department of Education: | | | | |
| Michigan Math Rural Initiative | 84.366 | 062410-MSPF2005 | 1,000,000 | 459,731 |
| MMRI Supplement | 84.366 | 052410-MSPF2005 | 55,000 | 35,557 |
| Muskegon Middle Math Improvement | 84.366 | 072410-MSPW20 | 672,887 | 205,634 |
| Muskegon Middle School Math | 84.366 | 052410-MSPF2004 | 475,827 | 137,911 |
| Office of Elementary and Secondary Education - Improving | | | | |
| Teacher Quality State Grants - Passed through Michigan | | | | |
| Department of Education - Tech Assist for MDE | 8 4 .367 | 5518 | 135,000 | 37,795 |
| Office of Elementary and Secondary Education - Improving | | | | |
| Teacher Quality State Grants - Passed through Spring Arbor | | | | |
| University: | | | | |
| Eval JCISD 5-12th Science Project | 8 4 .367 | 5491 | 15,000 | 13,366 |
| Tech Eval JCISD 6-12th Math | 84.367 | 5186 | 15,000 | 350 |
| Total U.S. Department of Education | | | | 6,025,582 |
| U.S. Department of Health and Human Services: | | | | |
| Substance Abuse and Mental Health Services Administration - | | | | |
| Comprehensive Community Mental Health Services for | | | | |
| Children with Serious Emotional Disturbances (SED) - Passed | | | | |
| through Kalamazoo Community Mental Health Services - | | | | |
| SAMHSA Child Mental Health | 93.104 | 5463 | 938,580 | 157,772 |
| National Institutes of Health - Oral Diseases and Disorders | | | | |
| Research - Passed through University of Michigan - | | | | |
| Genetics Ed in Dentistry | 93.121 | F014717 | 8,098 | 8,098 |
| National Institutes of Health - Research Related to Deafness | | | | |
| and Communication Disorders: | | | | |
| Communicative Competence 2 | 93.173 | 5 R01 DC003670-05 | 665,514 | 339,312 |
| Olfactory Afferent Innervation | 93.173 | 2 R15 DC04262-02 | 219,000 | 28,133 |
| Phonetic Perception | 93.173 | 2 R01 DC001661 | 2,331,908 | 370,734 |
| National Institutes of Health - Academic Research | | | | |
| Enhancement Award: | | | | |
| ACh Neuroprotection | 93.390 | RI5 EY017314-01A1 | 222,000 | 44,504 |
| Copper-Transporting ATPases | 93.390 | I RI5 GM73634 | 219,000 | 5,589 |
| GDNF Expression | 93.390 | I RI5 AG022908-01A2 | 264,162 | 46,448 |
| Modeling and Engineering of PTE | 93.390 | I RI5 GM074633 | 219,000 | 106,376 |
| Phenanthroline Derivatives | 93.390 | I RI5 GM067670 | 136,218 | 6,825 |

| | CFDA | Pass-through Entity | Award | Federal |
|---|--------|----------------------|------------|--------------|
| Federal Agency/Pass-through Agency/Program Title | Number | Project/Grant Number | Amount | Expenditures |
| Clusters (Continued): | | | | |
| Research and Development Cluster (Continued): | | | | |
| U.S. Department of Health and Human Services (Continued): | | | | |
| Administration for Children and Families - Developmental | | | | |
| Disabilities Basic Support and Advocacy Grants - Passed | | | | |
| through Michigan Department of Community Health - | | | | |
| Kzoo Comm Coord Care Initiative | 93.630 | 20061376 | \$ 122,808 | \$ 44,688 |
| National Institutes of Health - Microbiology and Infectious | | | | |
| Diseases Research - Passed through University of Michigan - | | | | |
| Flu Vacs Yr.2 | 93.856 | 3000596305 | 61,878 | 52,721 |
| National Institutes of Health - Biomedical Research and | | | | |
| Research Training: | | | | |
| Bridges-Bac Degree | 93.859 | 2 R25 GM060181 | 647,997 | 7,128 |
| Michigan Bridges Bac Degree | 93.859 | 2 R25 GM60181-05 | 210,782 | 66,228 |
| National Institutes of Health - Child Health and Human | | | | |
| Development Extramural Research - Passed through San | | | | |
| Diego State University Foundation - Mexican Migrants | 93.865 | 53395A P2676 7800 21 | 53,873 | 1,129 |
| National Institutes of Health - Vision Research - Blind | | | | |
| Pedestrian Access 00/01 | 93.867 | I R24 EY 12894 | 4,971,191 | 544,875 |
| Health Resources and Services Administration - Maternal and | | | | |
| Child Health Services Block Grant to the States - Passed | | | | |
| through Michigan Department of Community Health: | | | | |
| FAS Diag Clinic Assessment 2 | 93.994 | 20060631 | 19,100 | 9,100 |
| Fetal Alcohol Syndrome Center | 93.994 | 20070548 | 19,100 | 17,500 |
| Other Programs - CFDA Not Identified - | | | | |
| NMDA Modulates | 93.999 | I RI5 EY014861-01 | 145,500 | 9,951 |
| Other Programs - CFDA Not Identified - Passed through | | | | |
| Iowa State University - Axon Fascicle Proteins | 93.999 | 430-21-75 | 155,000 | 25,592 |
| Total U.S. Department of Health and Human Serv | vices | | | 1,892,703 |
| U.S. Agency for International Development: | | | | |
| USAID Foreign Assistance for Programs Overseas - | | | | |
| Pakistan - US S&T | 98.001 | PGA-7251-07-007 | 199,986 | 15,515 |
| Other Programs - CFDA Not Identified - Passed through | | | | |
| International Food Policy Research Institute - | | | | |
| Functional Biosafety Systems | 98.999 | EEM-A-00-03-00001-00 | 4,347,697 | 1,014,859 |
| Total U.S. Agency for International Development | | | | 1,030,374 |
| Total Research and Development Cluster | | | | 17,486,482 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount E | Federal Expenditures |
|---|----------------|--|----------------------|-------------------------|
| Clusters (Continued): | | | | |
| Trio Cluster - U.S. Department of Education - Direct Program - | | | | |
| Student Support Services - TRIO SSS Program | 84.042 | P042A050512 | \$ 542,148 <u>\$</u> | 265,724 |
| Total Trio Cluster | | | | 265,724 |
| Other Federal Awards: | | | | |
| U.S. Department of Agriculture - Food and Nutrition Service - | | | | |
| Child and Adult Care Food Program - Passed through Michigan | | | | |
| Department of Education - Child and Adult Food Care | 10.558 | 39000050 | 10,229 | 5,936 |
| Total U.S. Department of Agriculture | | | | 5,936 |
| U.S. Department of Defense - Department of the Air Force, | | | | |
| Material Command - Air Force Defense Research Sciences | | | | |
| Program - Icarus JPC Challenge | 12.800 | FA9550-07-1-0298 | 7,000 | 5,873 |
| Total U.S. Department of Defense | | | | 5,873 |
| U.S. Deparment of Justice: | | | | |
| Office of Juvenile Justice and Delinquency Prevention - Enforcing | | | | |
| Underage Drinking Laws Program - Passed through Michigan | | | | |
| Department of State Police: | | | | |
| Youth Alcohol Enforcement | 16.727 | JJ-06-03 | 16,833 | 3,633 |
| Youth Alcohol Enforcement 06-07 | 16.727 | JJ-07-01 | 25,000 | 14,662 |
| Office of Justice Programs - Reduction and Prevention of | | | | |
| Children's Exposure to Violence - Safe Start I | 16.730 | 2005-JW-BX-K024 | 419,488 | 205,566 |
| Total U.S. Department of Justice | | | | 223,861 |
| U.S. Department of Transportation: | | | | |
| Federal Highway Administration - Highway Training and | | | | |
| Education - Passed through Michigan Department of State | | | | |
| Police - PS Enforcement Grant | 20.215 | PT-06-13 | 74,380 | 34,560 |
| National Highway Traffice Safery Administration - Safety | | | | |
| Incentives to Prevent Operation of Motor Vehicles by | | | | |
| Intoxicated Persons - Passed through Michigan Department of | | | | |
| State Police - Enforcement Grant 06-07 | 20.605 | PT-07-02 | 74,916 | 34,787 |
| Total U.S. Department of Transportation | | | | 69,347 |
| National Aeronautics and Space Administration - Aerospace | | | | |
| Education Services Program - Passed through Michigan Space Grant | | | | |
| Consortium: | | | | |
| Everyday Engineering | 43.001 | 5473 | 5,000 | 146 |
| MSGC Fellowships Year 3 | 43.001 | 5666 | 8,000 | 6,481 |
| Total National Aeronautics and Space Administrat | ion | | | 6,627 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|---|----------------|---|-----------------|-------------------------|
| Other Federal Awards (Continued): | | | | |
| National Endowment for the Arts and the Humanities: | | | | |
| Partnership Agreements - Passed through Michigan Council for Arts | ; | | | |
| National Endowment for The Arts - Promotion of the Arts - | | | | |
| Partnership Agreements - Passed through Michigan Council for | | | | |
| Arts and Cultural Affairs: | | | | |
| Arts Project-Education Outreach | 45.025 | 07PP0003ZZ | \$ 10,500 | \$ 616 |
| Inland Seas Poetry 7 | 45.025 | 07PP0017ZZ | 14,200 | 863 |
| National Endowment for the Humanities - Promotion of the | | | | |
| Humanities - Seminars and Institutes - The American Farm | 45.163 | BH-50173-07 | 224,867 | 85,229 |
| Total National Endowment for the Arts and Hum | anities | | | 86,708 |
| National Science Foundation: | | | | |
| Engineering Grants: | | | _ | |
| Design Center Math and Science | 47.041 | EEC-0315695 | 375,000 | 85,244 |
| Design Center REU | 47.041 | EEC-0315695 | 41,144 | 888 |
| University Foundation - | | | | |
| State University Foundation - CIPS 2002/2005 | 47.076 | 52489A P1623 7804 2 | 300,419 | 9,697 |
| Education and Human Resources - Passed through University of | | | | |
| Michigan - Michigan AGEP Alliance | 47.076 | PO 3000480136 | 417,253 | 56,263 |
| Other Programs - CFDA Not Identified: | | | | |
| Litynski NSF IPA | 47.999 | DUE-0503798 | 906,350 | 298,235 |
| Thompson NSF IPA | 47.999 | HRD-0237200 | 1,055,033 | 39,650 |
| Total National Science Foundation | | | | 489,977 |
| U.S. Department of Energy - Office of Energy and Renewable | | | | |
| Energy - State Energy Program - Passed through Michigan | | | | |
| Department of Labor and Economic Growth - EEK Project II | 81.041 | PLA-05-33 | 23,897 | 8,119 |
| Total U.S. Department of Energy | | | | 8,119 |
| U.S. Department of Education: | | | | |
| Office of Postsecondary Education - Fund for the Improvement | | | | |
| of Postsecondary Education - Chem Equip Improv Teach | | | | |
| Learn | 84.116 | P116Z050197 | 396,800 | 182,184 |
| Office of Special Education and Rehabilitative Services - | | | | |
| Rehabilitation Long-term Training: | | | | |
| O & M Working-Age Blind | 84.129 | H129P030009 | 399,476 | 111,073 |
| Rehab Working-Age Blind | 84.129 | H129P030011 | 299,165 | 63,456 |
| Rehabilitation Counseling | 84.129 | H129B040056 | 448,100 | 174,384 |
| Office of Post Secondary Education - Business and International | | | | |
| Education Projects - South Asia and China Ed Proj | 84.153 | P153A050097 | 161,766 | 70,368 |
| Office of Educational Research and Improvement - Fund for the | | | | |
| Improvement of Education - Passed through Alpena- | | | | |
| Montmorency-Alcona Educational Service District - Support | | | | |
| Social Studies with Tech | 84.215 | 5021 | 131,619 | 23,745 |
| Office of Educational Research and Improvement - Fund for the | | | | |
| Improvement of Education - Passed through Delta-Schoolcraft | | | | |
| Intermediate School District - Supporting Social Studies Tech | 84.215 | 1944 | 152,578 | 46,668 |

| | CFDA | Pass-through Entity | Award | Federal |
|---|--------|----------------------|-----------|--------------|
| Federal Agency/Pass-through Agency/Program Title | Number | Project/Grant Number | Amount | Expenditures |
| Other Federal Awards (Continued): | | | | |
| U.S. Department of Education (Continued): | | | | |
| Office of Educational Research and Improvement - Fund for the | | | | |
| Improvement of Education - Passed through Kalamazoo Regional | | | | |
| Educational Service Agency: | | | | |
| Teach American History I | 84.215 | 5338 | \$ 75,042 | \$ 32,541 |
| Teach American History 2 | 84.215 | 5841 | 76,146 | 61,312 |
| Office of Special Education and Rehabilitative Services - | | | | |
| Rehabilitation Training - Experimental and Innovative Training - | | | | |
| RC Immersion Training | 84.263 | H263A030016 | 194,635 | 19,589 |
| Office of Special Education and Rehabilitative Services - Special | | | | |
| Education - Personnel Development to Improve Services and | | | | |
| Results for Children with Disabilities: | | | | |
| IRPR Program | 84.325 | H325H020024 | 751,395 | 111,636 |
| Prepare Adapted Phys Ed Teach | 84.325 | H325K054242 | 338,554 | 161,993 |
| Speech-Language Pathologists Training | 84.325 | H325H010023 | 729,209 | 3,877 |
| TCVI/O&M Certification 2000/01 | 84.325 | H325A000033 | 1,465,932 | 26,115 |
| TCVI/OMC 3 | 84.325 | H325A040098 | 745,828 | 166,735 |
| Office of Special Education and Rehabilitative Services - Special | | | | |
| Education - Personal Development to Improve Services and | | | | |
| Results for Children with Disabilities - Passed through | | | | |
| Pennsylvania College of Optometry - Leadership in VI | | | | |
| Fellowship | 84.325 | H325U040001 | 30,557 | 24,871 |
| Office of Post Secondary Education - Gaining Early Awareness and | | | | |
| Readiness for Undergraduate Programs - Passed through | | | | |
| Michigan Department of Labor and Economic Growth - KCP | | | | |
| Gear Up 06/07 | 84.334 | 5770 | 81,880 | 53,628 |
| Office of Post Secondary Education - Child Care Access Means | | | | |
| Parents in School - Assistance for Parents in College | 84.335 | P335A050100 | 235,874 | 95,755 |
| Office of Innovation and Improvement - School Leadership - | | | | |
| Passed through Kalamazoo Regional Educational Service Agency - | | | | |
| Southwest Michigan Ed Leadership | 84.363 | 5537 | 26,872 | 31,071 |
| Other Programs - CFDA Not Identified - Passed through | | | | |
| National Writing Project Corporation: | | | | |
| Language Learners | 84.999 | 94-MI06 Amendment 17 | 4,000 | 124 |
| New Teacher Initiative III | 84.999 | 94-MI06 Amendment 16 | 10,000 | 1,908 |
| Third Coast Writing 06/07 | 84.999 | 94-MI06 Amend. 19 | 60,000 | 40,569 |
| Third Coast Writing Project 05 | 84.999 | 94-MI06 amend. 17 | 53,000 | 8,891 |
| Total U.S. Department of Education | | | | 1,512,493 |

| Federal Agency/Pass-through Agency/Program Title | CFDA Number | Pass-through Entity Project/Grant Number | Award Amount | Federal Expenditures |
|---|----------------|--|-----------------|-------------------------|
| rederating encytrass an odgittigencytriogram that | Tumber | 1 Toject Grant Humber | - 7 anount | Experialitares |
| Other Federal Awards (Continued): | | | | |
| U.S. Department of Health and Human Services: | | | | |
| Substance Abuse and Mental Health Services Administration - | | | | |
| Substance Abuse and Mental Health Services - Projects of | | | | |
| Regional and National Significance: | | | | |
| Traumatized Children | 93.243 | 5 U79 SM56207-04 | \$ 1,559,486 | \$ 410,716 |
| WMU Campus Suicide Prevention | 93.243 | 1H79SM057861-01 | 75,000 | 42,617 |
| Administration for Children and Families - Developmental | | | | |
| Disabilities Basic Support and Advocacy Grants - Passed through | | | | |
| Michigan Department of Community Health - Kzoo Comm | | | | |
| Coord Care Initiative II | 93.630 | 20070840 | 92,160 | 60,885 |
| Health Resources and Services Administration - Specially Selected | | | | |
| Health Projects - Tele-Allied Health | 93.888 | I DIBTH03744-01-00 | 492,080 | 96,095 |
| Total U.S. Department of Health and Human Serv | vices | | | 610,313 |
| Corporation for National Community Service - Learn and Serve | | | | |
| America - Higher Education - Service Learning Design Center | 94.005 | 03LHHMI001 | 226,339 | 58,839 |
| Total Corporation for National Community Service | ce | | | 58,839 |
| Total Other Federal Awards | | | | 3,078,093 |
| Total Expenditures of Federal Awards | | | , | \$ 147,614,958 |

Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2007

Note I - Significant Accounting Policies

The accompanying schedule of expenditures of federal awards includes the federal grant activity of Western Michigan University and is presented on the same basis of accounting as the basic financial statements. The information in this schedule is presented in accordance with the requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Therefore, some amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements.

Note 2 - Loans Outstanding

Western Michigan University had the following loan balances outstanding at June 30, 2007. These loan balances are not included in the federal expenditures presented in the schedule of expenditures of federal awards:

| | CFDA | Amount |
|------------------------------|--------|-------------|
| Cluster/Program Title | Number | Outstanding |
| Federal Perkins Loan Program | 84.038 | \$9,032,226 |

Perkins loan expenditures at June 30, 2007 consist of new loans advanced to students. These expenditures were paid from funds available from the repayment of prior loans.

Note 3 - Grant Section Auditor's Report

Management has utilized Form R-7120 in preparing the schedule of expenditures of federal awards. Unreconciled differences, if any, have been disclosed to the auditor.

Note 4 - Adjustments and Transfers

As allowable and in accordance with federal regulations issued by the U.S. Department of Education, Western Michigan University (the "University") carried back and spent \$39,000 of the 2006-2007 Supplemental Education Opportunity Grant Program (84.007) award to the 2005-2006 award year. In addition, the University carried back and spent \$14,300 of the 2006-2007 Federal Work Study Program (84.033) award to the 2005-2006 award year and carried forward \$11,810 of the 2006-2007 award to the 2007-2008 award year. The University also transferred \$126,893 of the 2006-2007 Federal Work Study Program (84.033) award to the Supplemental Education Opportunity Grant Program (84.007).

Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2007

Note 5 - Subrecipient Awards

Of the federal expenditures presented in the schedule of expenditures of federal awards, federal awards were provided to subrecipients as follows:

| | | Amount |
|------------------------------------|--------|---------------|
| | CFDA | Provided to |
| Federal Program Title | Number | Subrecipients |
| Research and Development Cluster: | | |
| Pembroke Digital Edition | 45.161 | \$ 44,135 |
| The Cathedral and Culture | 45.163 | 15,571 |
| Manufacturing Ceramics | 47.049 | 50,931 |
| The PhysTEC Project | 47.049 | 115,893 |
| Creating Pathways to IT | 47.070 | 4,000 |
| Ethical Issues in Nanotechnology | 47.075 | 6,500 |
| ATE 02/05 | 47.076 | 13,925 |
| Core-Plus Revision | 47.076 | 476,224 |
| Science Achivement in 8th Grade | 47.076 | 150,006 |
| Adolescents' TV Identification | 47.076 | 27,585 |
| Environmental Health Risks | 66.500 | 100,979 |
| GEAR UP Partnership 01/05 | 84.334 | 1,168,787 |
| GEAR UP Learning Centers II | 84.334 | 1,476,690 |
| Michigan Math Rural Initiative | 84.366 | 41,233 |
| Muskegon Middle School Math | 84.366 | 48,834 |
| Muskegon Middle Math Improvement | 84.366 | 25,950 |
| Communicative Competence 2 | 93.173 | 166,079 |
| Kzoo Comm Coord Care Initiative | 93.630 | 4,478 |
| Bridges-Bac Degree | 93.859 | 11,696 |
| Blind Pedestrian Access 00/01 | 93.867 | 361,217 |
| Functional Biosafety Systems | 98.999 | 692,497 |
| Other Federal Awards: | | |
| Safe Start | 16.730 | 21,773 |
| Kzoo Comm Coord Care Initiative II | 93.630 | 11,656 |
| Tele-Allied Health | 93.888 | 1,125 |
| Total | | \$ 5,037,764 |

Schedule of Findings and Questioned Costs Year Ended June 30, 2007

Section I - Summary of Auditor's Results

| Financial Statements |
|--|
| Type of auditor's report issued: Unqualified |
| Internal control over financial reporting: |
| Material weakness(es) identified? Yes X No |
| Signficiant deficiency(ies) identified that are not considered to be material weaknesses? X Yes None reported |
| Noncompliance material to financial statements noted? YesX No |
| Federal Awards |
| Internal control over major program(s): |
| Material weakness(es) identified? Yes X No |
| Signficiant deficiency(ies) identified that are not considered to be material weaknesses? X Yes None reported |
| Type of auditor's report issued on compliance for major program(s): Unqualified |
| Any audit findings disclosed that are required to be reported in accordance with Section 510(a) of Circular A-133? Yes No |
| Identification of major programs: |
| CFDA Numbers Name of Federal Program or Cluster |
| 84.007, 84.033, 84.038, 84.063, 84.268, 84.375, |
| and 84.376 Student Financial Aid Cluster |
| Various Research and Development Cluster |
| Dollar threshold used to distinguish between type A and type B programs: \$1,062,000 |
| Auditee qualified as low-risk auditee? Yes No |

Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2007

Section II - Financial Statement Audit Findings

| Reference Number | Findings |
|---------------------|--|
| 2007-A | Finding Type - Significant deficiency |
| | Criteria - The University should have controls in place to ensure all liabilities are accurately recorded. |
| | Condition - The University did not have controls in place to determine, in a timely manner, that an accrual should have been recorded. |
| | Context - The University had a liability for certain academic administrators related to severance payments, which began being paid out during 2007, totaling approximately \$2.5 million, which was not recorded. |
| | Effect - The lack of proper controls may lead to the inability to record and summarize financial information accurately. |
| | Cause - There was a lack of communication between departments to ensure the liability was properly recorded. |
| | Recommendation - We recommend that controls be implemented to reduce the risk of agreements being put in place without the knowledge of the accounting services department. |
| | Views of Responsible Officials and Planned Corrective Actions - Management agrees with the recommendation. The accounting services department will establish additional year-end processes and communication requirements for departments. |

Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2007

Section III - Federal Program Audit Findings

| Reference Number | Findings | | |
|---------------------|--|--|--|
| 2007-1 | Program Name - Student Financial Aid Cluster | | |
| | CFDA Numbers - 84.007, 84.033, 84.038, 84.063, 84.268, 84.375, and 84.376 | | |

Finding Type - Significant deficiency and noncompliance

Criteria - The University is required to deposit or transfer funds related to the Return of Title IV within 45 days after it is determined that a student withdrew (34 CFR section 668.173(b)).

Condition - The University does not have adequate controls in place to ensure that refund calculations and disbursements are completed within a timely manner.

Questioned Costs - None

Context - Of the 16 students tested that had refunds due, two were not deposited or transferred in a timely manner.

Cause and Effect - The University does not have adequate controls in place to ensure that refund disbursements are completed in a timely manner resulting in multiple late payments.

Recommendation - The University should implement a process to ensure that students who withdraw and for whom a refund is due have calculations performed and funds disbursed in a timely manner.

Views of Responsible Officials and Planned Corrective Actions - Management agrees with the recommendation. Procedures and programs have been implemented to ensure that requirements with refund calculations are performed and funds are disbursed in a timely manner.

Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2007

Section III - Federal Program Audit Findings (Continued)

| Reference Number | Findings | | |
|--|--|--|--|
| 2007-2 Program Name - Student Financial Aid Cluster | | | |
| | CFDA Numbers - 84.007, 84.033, 84.038, 84.063, 84.268, 84.375, and 84.376 | | |

Finding Type - Significant deficiency and noncompliance

Criteria - The University is required to reconcile statements received from the Common Origination and Disbursement (COD) to their own financial records on a monthly basis (34 CFR sections 685.102(b), 685.301, and 303).

Condition - The University does not have procedures in place to ensure that these reconciliations are being completed on a monthly basis and adequate support is kept when reconciliations are completed.

Questioned Costs - None

Context - The University did not have support for any reconciliations that were completed during the year. While the amounts were reasonably correct at year end, there was no documentation to verify that reconciliations were being completed.

Cause and Effect - The University does not have adequate controls in place to ensure that reconciliations are completed in a timely manner, which may result in inaccurate financial information.

Recommendation - The University should implement a process to ensure that reconciliations are being completed on a monthly basis as well as keeping adequate supporting documentation.

Views of Responsible Officials and Planned Corrective Actions - Management agrees with the recommendation. Monthly reconciliations will be completed and supporting documentation will be maintained as required.

Summary Schedule of Prior Year Findings Year Ended June 30, 2007

| Reference Number | Findings |
|---------------------|---|
| 2006-1 | Program Name - Research and development cluster - Various CFDA |
| | Finding Type - Noncompliance |
| | Condition - The project director is typically responsible for ensuring that technical and financial reports are submitted on a timely basis. One technical report of five tested was not completed and submitted to the awarding agency as required. |
| | Status - Corrective action has been taken. |
| 2006-2 | Program Name - Research and development cluster - Various CFDA |
| | Finding Type - Noncompliance |
| | Condition - The University did not review any suspension or debarment information for any vendor as required. |
| | Status - Corrective action has been taken. |

Corrective Action Plan Year Ended June 30, 2007

| Reference Number | Findings |
|---------------------|--|
| 2007-I | Contact Person - Assistant Director of Financial Aid - Client Services, Associate Director of Financial Aid - Compliance, Director of Financial Aid |
| | Corrective Action Planned - Procedures and programs have been put in place to ensure that students will be identified and Return of Title IV will be determined within 45 days after student withdrawal. We will continue to monitor compliance with the requirements that calculations are performed and funds are disbursed in a timely manner. |
| | Anticipated Completion Date - The situation existed during the first year of operating within the Banner System. The situation was identified during the year and action has already been taken to ensure compliance. Controls were put into place prior to the 2007-2008 year and are currently operating effectively. |
| 2007-2 | Contact Person - Director of Accounting Services, Associate Director of Financial Aid - Systems and Processing, Directory of Financial Aid |
| | Corrective Action Planned - The Financial Aid Office (FAO) will continue to reconcile disbursements with COD on at least a monthly basis. The FAO will work more closely with accounting services to assure that the general ledger accurately reflects payments made to students. We will retain documentation supporting that reconciliation is occurring as required. |
| | Anticipated Completion Date - Fiscal year ending June 30, 2008 |