Michigan Technological University

Federal Awards Single Audit Report

June 30, 2005
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<td>35-36</td>
</tr>
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</table>
INDEPENDENT AUDITORS’ REPORT AND ON COMPLIANCE AND
OTHER MATTERS ON INTERNAL CONTROL OVER FINANCIAL REPORTING
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED
IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

November 4, 2005

Board of Control
Michigan Technological University
Houghton, Michigan

We have audited the financial statements of Michigan Technological University as of and for the
year ended June 30, 2005 and have issued our report thereon dated November 4, 2005. We
conducted our audit in accordance with auditing standards generally accepted in the United States of
America and the standards applicable to financial statements contained in Government Auditing
Standards, issued by the Comptroller General of the United States.

Internal Control over Financial Reporting

In planning and performing our audit, we considered Michigan Technological University’s internal
control over financial reporting in order to determine our auditing procedures for the purpose of
expressing our opinion on the financial statements and not to provide an opinion on the internal
control over financial reporting. Our consideration of the internal control over financial reporting
would not necessarily disclose all matters in the internal control over financial reporting that might
be material weaknesses. A material weakness is a reportable condition in which the design or
operation of one or more of the internal control components does not reduce to a relatively low level
the risk that misstatements caused by error or fraud in amounts that would be material in relation to
the financial statements being audited may occur and not be detected within a timely period by
employees in the normal course of performing their assigned functions. We noted no matters
involving the internal control over financial reporting and its operation that we consider to be
material weaknesses.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether Michigan Technological University’s
financial statements are free of material misstatement, we performed tests of its compliance with
certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which
could have a direct and material effect on the determination of financial statement amounts.
However, providing an opinion on compliance with those provisions was not an objective of our
audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no
instances of noncompliance or other matters that are required to be reported under Government
Auditing Standards.
This report is intended solely for the information and use of the Board of Control and management, and is not intended to be and should not be used by anyone other than these specified parties.

Rehmann Kohorn
INDEPENDENT AUDITORS’ REPORT ON COMPLIANCE WITH REQUIREMENTS APPLICABLE TO EACH MAJOR PROGRAM AND INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A – 133

November 4, 2005

Board of Control
Michigan Technological University
Houghton, Michigan

Compliance

We have audited the compliance of Michigan Technological University with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement that are applicable to each of its major federal programs for the year ended June 30, 2005. Michigan Technological University’s major federal programs 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 Michigan Technological University’s management. Our responsibility is to express an opinion on Michigan Technological University’s compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial statements contained in Government Auditing Standards, issued by the Comptroller General of the United States; and OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about Michigan Technological University’s compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on Michigan Technological University’s compliance with those requirements.

In our opinion, Michigan Technological University complied, in all material respects, with the requirements referred to above that are applicable to each of its major federal programs for the year ended June 30, 2005.
Internal Control over Compliance

The management of Michigan Technological 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 Michigan Technological University’s internal control over 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.

Our consideration of the internal control over compliance would not necessarily disclose all matters in the internal control that might be material weaknesses. A material weakness is a reportable condition in which the design or operation of one or more of the internal control components does not reduce to a relatively low level the risk that noncompliance with applicable requirements of laws, regulations, contracts and grants caused by error or fraud that would be material in relation to a major federal program being audited may occur and not be detected within a timely period by employees in the normal course of performing their assigned functions. We noted no matters involving the internal control over compliance and its operation that we consider to be material weaknesses.

Schedule of Expenditures of Federal Awards

We have audited the financial statements of Michigan Technological University as of and for the year ended June 30, 2005 and have issued our report thereon dated November 4, 2005. Our audit was performed for the purpose of forming an opinion on the financial statements taken as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133 and is not a required part of the financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the financial statements taken as a whole.

This report is intended solely for the information and use of the Board of Control, 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.

[Signature]
<table>
<thead>
<tr>
<th>Program title/major subdivision</th>
<th>Federal Agency/CFDA#</th>
<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
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<td><strong>U.S. Department of Agriculture</strong></td>
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<td>10.202 Cooperative forestry research</td>
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<td><strong>Total</strong></td>
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## RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER AVAILABLE - DIRECT AWARDS

<table>
<thead>
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<th>Program title/major subdivision</th>
<th>Grant/contract title</th>
<th>Federal Agency/CFDA#</th>
<th>Contract #</th>
<th>Expenditures</th>
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<tbody>
<tr>
<td><strong>10.206</strong> Grants for agricultural research - Competitive research grants</td>
<td>USAGR-Wood Composite Panels</td>
<td>n/a</td>
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<td>USAGR/ESC-Resp-Fine Root Chemistry</td>
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<td>USAGR-PBC/Syringyl Monolignol Genes</td>
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<td>USAGR-PBC/Functional Gene Discovery</td>
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<td>USAGR/ESC-Ecophysiological Responses</td>
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<td>USAGR/BRC - Real-Time PCR System</td>
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<td>USAGR/BRC -GRA-Genetic Engrg Trees</td>
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<td>USAGR/ESC-PBC/Ecol Conseq Aspen</td>
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<td>USAGR-Incipient Decay Hwdw Timbers</td>
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<td><strong>10.664</strong> Cooperative forestry assistance</td>
<td>USAGR-Detection Emerald Ash Borer</td>
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<td>03-DG-11244225-084-MOD NO. A1</td>
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<td>USAGR/ESC-Eval Health of Ash Trees</td>
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<td>03-CA-11244225-577-MOD NO. A3</td>
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<td>USAGR/ESC-Eval Health of Ash Trees</td>
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<td>USAGR/ESC-Interactions in Red Pine</td>
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<td>USAGR/ESC-GRA-Eval Health Ash Trees</td>
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<td><strong>10.772</strong> Empowerment zones programs</td>
<td>USAGR-Recycle Value Added Parts</td>
<td>n/a</td>
<td>03-DG-11244225-476-MOD A1</td>
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# MICHIGAN TECHNOLOGICAL UNIVERSITY

## SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

### FOR THE YEAR ENDED JUNE 30, 2005

## RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER AVAILABLE - DIRECT AWARDS

<table>
<thead>
<tr>
<th>Program title/major subdivision</th>
<th>Federal Agency/CFDA#</th>
<th>Grant/contract title</th>
<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
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<tr>
<td>10.673  Wood in transporation program</td>
<td>10.673</td>
<td>USAGR-Rd Pine/Eastern Hemlock Bridg</td>
<td>n/a</td>
<td>04-DG-11244225-469</td>
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<td>10.680  Forest health protection</td>
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<td>USAGR-Garlic Mustard invasion in Mi</td>
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<td>NA16GP1658-AMD NO. 2</td>
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<td>USCOM-RSI-FT/MBL Measurements-Azore</td>
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<td>OFFIC-IME-Support for NQR Explosive</td>
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<td>N00173-04-1-G011-MOD # P00001</td>
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# RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER AVAILABLE - DIRECT AWARDS

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**RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER AVAILABLE - DIRECT AWARDS**

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**Expenditures**

### Mathematical and physical sciences

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### Geosciences

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47.074 Biological sciences

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</table>

| Total | | | | 2,103,108 |

**81.086 Conservation research and development**

<table>
<thead>
<tr>
<th>Program title/major subdivision</th>
<th>Grant/contract title</th>
<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
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<tbody>
<tr>
<td>USENE-Grad Auto Tech Ed (GATE) Prgm</td>
<td>n/a</td>
<td>DE-FC26-98CH10951-AMD A008</td>
<td>5,762</td>
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<td>USENE-GATE Program Fellowships</td>
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<td>DE-FC26-98CH10951-AMD A008</td>
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<td>USENE/IMP-Tubes-Produce of Ethylene</td>
<td>n/a</td>
<td>DE-FC36-01ID14255-AMD M005</td>
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<td>USENE/IMP-Novel Direct Steel Making</td>
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<td>DE-FC36-01ID14209-AMD A007</td>
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<tr>
<td>USENE-Ignition Improvement-Lean Gas</td>
<td>n/a</td>
<td>DE-FC26-02NT14434-AMD A004</td>
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<td>USENE/IMP-Microwave ElectrolyteCell</td>
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<td>USENE/IMP-Microwave ElectrolyteCell</td>
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<td>USENE/IMP-Steel Slag Iron Content</td>
<td>n/a</td>
<td>DE-FC36-01ID14046-AMD M005</td>
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<td>USENE-PBC-Genetic Manipulation</td>
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<td>DE-FC36-03ID14440-AMD A004</td>
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<td>USENE-ATDC/Ignition Improve LeanGas</td>
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<td>USENE- GRA-Microwave Assisted Cell</td>
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<td>4,183</td>
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| Total | | | | 887,043 |

-13-
**Program title/major subdivision** | **Grant/contract title** | **Pass thru entity if applicable** | **Contract #** | **Expenditures**
---|---|---|---|---
**81.087 Renewable energy research and development**
USENE/SFI-Bgt #1-Agglomeration Ore | n/a | DE-FC26-03NT41924-AMD A004 | 226,495
USENE - Extraction of Iron from Ore | n/a | DE-FG26-03NT41938-AMD A000 | 18,092
USENE/SFI-Single-Step Ironmaking | n/a | DE-FC26-03NT41930-AMD M001 | 29,538
USENE/SFI-Bgt #2-Agglomeration Ore | n/a | DE-FC26-03NT41924-AMD A004 | 55,984
USENE-Perhydride-Hydrogen Storage | n/a | DE-FG36-05GO15003 | 39,847
**Total** | 369,956

**81.089 Fossil energy research and development**
USENE-Calibration/Test Sonic Stimulation | n/a | DE-FC26-01BC15165 | 254,055
USENE-Crosswell Seismic Amplitude | n/a | DE-FC26-04NT15508-AMD A001 | 164,599
**Total** | 418,655

**81.107 Oil recovery demonstration**
USENE-YR1/YR2-Shallow Carbon Reservoir | n/a | DE-FC26-00BC15122-AMD M004 | 39
USENE-YR3/YR4-Shallow Carbon Reservoir | n/a | DE-FC26-00BC15122-AMD M004 | 27,099
USENE-Implementing Cyclic CO2 Flooding | n/a | DE-FC26-02NT15441-AMD M005 | 555,446
USENE-YR5-Shallow Carbon Reservoir | n/a | DE-FC26-00BC15122-AMD M004 | 38,902
**Total** | 621,486

**U.S. Department of Education**
**84.116 Fund for the improvement of postsecondary education**
USEDU-YEAR1-ExCIt: Expanding Cities | n/a | P116N030005-04-ACTION NO. 02 | 12,086
USEDU-YEAR2-ExCIt: Expanding Cities | n/a | P116N030005-04-ACTION NO. 02 | 8,849
**Total** | 20,935

**84.200 Graduate assistance in areas of national need**
USEDU/SFI-YR2 GAANN:Env Engg Fellow | n/a | P200A000425-02 ACTION NO. 06 | 1,259
USEDU/SFI-YR3 GAANN:Env Engg Fellow | n/a | P200A000425-02 ACTION NO. 06 | 2,564
USEDU-YEAR 3 GAANN:Geology Fellows | n/a | P200A000420-02 ACTION NO. 05 | 8
USEDU-Year3 GAANN:Engine Fellowship | n/a | P200A010413-03-ACTION NO. 09 | 74,972
**Total** | 78,803

**U.S. Department of Health and Human Services**
**93.821 Cell biology and biophysics research**
NIH/IME-YEAR1-Structural Transition | n/a | 1 R01 GM062838-01A2 | 36,798
NIH/IME-YEAR2-Structural Transition | n/a | 1 R01 GM062838-01A2 | 137,187
NIH/IME-YEAR3-Structural Transition | n/a | 1 R01 GM062838-01A2 | 1,668
**Total** | 175,653

Continued
### RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER AVAILABLE - DIRECT AWARDS

<table>
<thead>
<tr>
<th>Program title/major subdivision</th>
<th>Federal Agency/CFDA#</th>
<th>Grant/contract title</th>
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<th>Contract #</th>
<th>Expenditures</th>
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<tr>
<td><strong>93.846 Arthritis, musculoskeletal and skin diseases research</strong></td>
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<td>NIH/IME Blk Bear Bone Mechanics-YR1</td>
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<td>NIH/BRC-Blk Bear Bone Mechanics-YR2</td>
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<td>NIH/BRC - Meniscal Horn Attachment</td>
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<td>NIH/BRC-GRA-Meniscal Horn Attachmnt</td>
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<td><strong>93.866 Aging research</strong></td>
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<td>NIH/BRC - Map Complex Disease Genes</td>
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<td>NIH - Synthesis of Novel inhibitors</td>
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<td>I R15 AG025777-01</td>
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| **Total**                                                            |                      |                                               |                                |                            | **11,110,818** |

Concluded
### RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER NOT AVAILABLE - DIRECT AWARDS

<table>
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<tr>
<th>Program title/major subdivision</th>
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<th>Expenditures</th>
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<td>U.S. Department of Agriculture</td>
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<td><strong>U.S. Forest Service</strong></td>
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<td>USAGR-Archeol Collect-Ottawa Nat'l</td>
<td>n/a</td>
<td>01-CS-11090700-005-MOD NO. 5</td>
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<td>USAGR-Archeol Coll-Hiawatha Nat'l</td>
<td>n/a</td>
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<td>USAGR - NDE Methods</td>
<td>n/a</td>
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<tr>
<td>USAGR-Woody Debris in Streams</td>
<td>n/a</td>
<td>03-JV-11231300-074-MOD NO. 1</td>
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<td>USAGR-Carbon Storage in Forests</td>
<td>n/a</td>
<td>00-JV-11231300-086</td>
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<td>USAGR-Carbon Allocation-Red Pine</td>
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<td>01-JV-11231300-071</td>
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<td>USAGR-Above-Ground Crbn Allocation</td>
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<td>USAGR/ESC - Manage FACE Experiment</td>
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<td>USAGR-Carbon &amp; Nitrogen Dynamics</td>
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<td>01-JV-11231300-072-MOD NO. 2</td>
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<tr>
<td>USAGR-Wood Decomposition by Environ</td>
<td>n/a</td>
<td>01-JV-11222062-242-MOD NO. 4</td>
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<td>USAGR/ESC-CO2 Flux-Aspen FACE Exp</td>
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<td>02-JV-11231300-052-MOD NO. 2</td>
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<tr>
<td>USAGR-Mapping Fire Location/Extent</td>
<td>n/a</td>
<td>01-JV-11231300-098-MOD NO. 4</td>
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<tr>
<td>USAGR-Influence Climate-Wood Decomp</td>
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<td>03-JV-11231300-041-MOD NO. 1</td>
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<tr>
<td>USAGR-Mgmt Local Scour-Stream Rehab</td>
<td>n/a</td>
<td>AGRMT NO. 58-6408-3-0002</td>
<td>6,558</td>
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<tr>
<td>USAGR-Ecologist Lecture Series</td>
<td>n/a</td>
<td>03-CS-11231300-040</td>
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<tr>
<td>USAGR-Woody Debris in Streams</td>
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<td>03-JV-11231300-074-MOD NO. 7</td>
<td>33,030</td>
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</tr>
<tr>
<td>USAGR/ESC-Plants, Carbon Allocat.</td>
<td>n/a</td>
<td>03-JV-11231300-073-MOD NO.1</td>
<td>23,198</td>
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<td>USAGR/ESC-Decay Rts of Crbn in Leaf</td>
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<td>03-JV-11231300-076-MOD NO. 1</td>
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<tr>
<td>USAGR-Construct Six Timber bridges</td>
<td>n/a</td>
<td>03-DG-11244225-114-MOD NO. A2</td>
<td>34,207</td>
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<tr>
<td>USAGR-Grading/Scaling Log Database</td>
<td>n/a</td>
<td>03-CA-11242343-127</td>
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<tr>
<td>USAGR-Quality Tongue/Groove Panels</td>
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<td>03-DG-11244225-115-MOD A1</td>
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<tr>
<td>USAGR/ESC-Measure Belowgrd Process</td>
<td>n/a</td>
<td>03-CS-11231300-098</td>
<td>10,026</td>
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<tr>
<td>USAGR-Fiber Production/Soil Prod.</td>
<td>n/a</td>
<td>03-JV-11231300-067-MOD NO. 2</td>
<td>26,720</td>
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<tr>
<td>USAGR - Modelling Tree Mortality</td>
<td>n/a</td>
<td>04-JV-11222063-168</td>
<td>7,960</td>
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<td>USAGR/ESC-Plants, Carbon Allocat.</td>
<td>n/a</td>
<td>03-JV-11231300-067-MOD NO.1</td>
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<td>USAGR-Carbon/Nitrogen Cycle Rsch.</td>
<td>n/a</td>
<td>04-CR-11231300-027-MOD NO. 1</td>
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<td>USAGR-National Register Nominations</td>
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<td>USAGR-Fire Risk-Mark Twain Forest</td>
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<td>04-JV-11231300-038-MOD NO. 1</td>
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<tr>
<td>USAGR-Historical/Modern Vegetation</td>
<td>n/a</td>
<td>04-PA-11090100-020</td>
<td>130,309</td>
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<td>USAGR-Communities Risk to Wildfire</td>
<td>n/a</td>
<td>SRS 04-JV-11330136-161</td>
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<tr>
<td>USAGR-Wood Decomposition by Environ</td>
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<td>USAGR-Archeol Coll.-Hiawatha Nat'l</td>
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<td>USAGR-GRA-Carbon/Nitrogen Cycle Rsch</td>
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<td>32,544</td>
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**Total Expenditures:** 565,888
# Schedule of Expenditures of Federal Awards

## For the Year Ended June 30, 2005

### Research and Development Cluster - CFDA Number Not Available - Direct Awards

<table>
<thead>
<tr>
<th>Program title/major subdivision</th>
<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
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<tbody>
<tr>
<td><strong>U.S. Department of Defense</strong></td>
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<tr>
<td><strong>National Security Agency</strong></td>
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<tr>
<td>USDEF-CSERI/NSR Unified Parallel C</td>
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<td>MDA904-03-C-0483-MOD NO. P0002</td>
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<td>USDEF-CSERI/NSR-YEAR 2-Parallel C</td>
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<td><strong>U.S. Army</strong></td>
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<tr>
<td>TACOM - Alternative Fuels Group</td>
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<td>DAAE07-03-P-L751-MOD P00001</td>
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<tr>
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<tr>
<td>TACOM - Surge - Work Directive 014</td>
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<td>TACOM - SURGE - Work Directive 015</td>
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<td>TACOM - Countermeasure STO-SURGE,WD01</td>
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<td>W56HZV-04-C-0643</td>
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<td>TACOM - Dolly Kit Modification</td>
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<td>W56HZV-05-P-0253-MOD # P0001</td>
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<td>DAAE07-00-C-L052-MOD P00016</td>
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<td>USARM - Testing of Amorphous Metals</td>
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<td>USARM - Nano Center-DARPA</td>
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<td>DAAD17-03-C-0115-MOD P00001</td>
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<tr>
<td>USARM - Nano Center-DARPA</td>
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<tr>
<td>USARM - Nano Center-DARPA</td>
<td>n/a</td>
<td>DAAD17-03-C-0115-MOD P00001</td>
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<td>USARM - RSI/Overlake Rainfall Estimation</td>
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<td>W911XK-04-P-0040-MOD P00001</td>
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<td>USARM/IME/NSR - Nano Center-DARPA</td>
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**Total:** 1,427,324

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MICHIGAN TECHNOLOGICAL UNIVERSITY  
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS  
FOR THE YEAR ENDED JUNE 30, 2005

RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER NOT AVAILABLE - DIRECT AWARDS

<table>
<thead>
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<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
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<tbody>
<tr>
<td><strong>U.S. Army Tank Automotive Command</strong></td>
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<tr>
<td>USARM-04 Clean Snowmobile Challenge</td>
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TOTAL RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER AVAILABLE - PASSTHRU $ 1,324,686 Concluded
# Schedule of Expenditures of Federal Awards

**For the Year Ended June 30, 2005**

## Research and Development Cluster - CFDA Number Not Available - Passthrough

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### RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER NOT AVAILABLE - PASSTHROUGH

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# RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER NOT AVAILABLE - PASSTHROUGH

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**Federal Aviation Administration**

INNOV/MTTI-Conc Mix & Pavement Cons Innovative Pavement Research Foundation IPRF-FAA-01-G-002-03-3 75,964

**National Aeronautics and Space Administration**

N/A no subdivisions

| MAUNA-Near Infrared Imager | Mauna Kea Infrared | NIK #0001 AMENDMENT # 4 | 5,738 |
| UNIVE-Develop Bio nano Enzymes | University of Michigan | CHK #1031528, SPACE GRANT | 4,430 |
| UNIVE-Study of Drop Breakup | University of Michigan | SPACE GRT CHK #1201263 | 5,000 |
| UNIVE/IMP-CS-Carbon Nanotubes | University of Michigan | SPACE GRT CHK #1201263 | 213 |
| UNIVE/IMP-Carbon Nanotubes | University of Michigan | SPACE GRT CHK #1201263 | 381 |
| UNIVE-Rout Process of Terr & Therm | University of Michigan | CHECK # 465763 | (16) |
| UNIVE-New Bifunct Cat Carb/Diox Rec | University of Michigan | CHECK # 834013 | 134 |
| UNIVE-Infra Spectro Ice Nucleation | University of Michigan | CHECK # 834013 | 2,212 |
| | | CHECK # 834013 | 312 |

**Total** 6,929

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TOTAL RESEARCH AND DEVELOPMENT CLUSTER - CFDA NUMBER NOT AVAILABLE - PASSTHROUGH 2,970,807

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**TOTAL STUDENT FINANCIAL AID CLUSTER - DIRECT AWARDS**

22,938,733
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### FEDERAL AWARD PROGRAMS NOT INCLUDED IN RESEARCH AND DEVELOPMENT OR STUDENT FINANCIAL AID CLUSTERS - CFDA NUMBER AVAILABLE

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| | 1,631,605 |

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<th>Grant/contract title</th>
<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
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<td>Federal Agency/CFDA#</td>
<td>Program title/major subdivision</td>
<td>Grant/contract title</td>
<td>Pass thru entity if applicable</td>
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<td>UNIVE-A Maki-Hibn &amp; Bear Bones</td>
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<td>UNIVE-M McGee Effect of Hibernation</td>
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| National Science Foundation | N/A no subdivisions | | | | |
| DAPCEP-I Tst/MTU Engineering Enterpr | DAPCEP | DAPCEP AGREEMENT | 1,697 |
| DAPCEP-I Test/MTU Engineering Enterpr | DAPCEP | DAPCEP AGREEMENT | 4,710 |
| NSF-Matthew Drewek Fellows | n/a | DGE-0004144 | 37,737 |
| NSF-J Fugal Fellow 04-05 | n/a | DGE-0004144 | 37,985 |
| NSF - Jacob Fugal Fellowship | n/a | DGE-0004144 | 2,292 |
| **Total** | | | | | **84,421** |

Continued
## MICHIGAN TECHNOLOGICAL UNIVERSITY
### SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
#### FOR THE YEAR ENDED JUNE 30, 2005

## FEDERAL AWARD PROGRAMS NOT INCLUDED IN RESEARCH AND DEVELOPMENT OR STUDENT FINANCIAL AID CLUSTERS - CFDA NUMBER NOT AVAILABLE

<table>
<thead>
<tr>
<th>Federal Agency/CFDA#</th>
<th>Program title/major subdivision</th>
<th>Grant/contract title</th>
<th>Pass thru entity if applicable</th>
<th>Contract #</th>
<th>Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. Department of Education</strong></td>
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<td>Robert C. Byrd Honors</td>
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<td>GRANT # 030290-917</td>
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<td>Copper Country Intermediate School District</td>
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**TOTAL FEDERAL AWARD PROGRAMS NOT INCLUDED IN RESEARCH AND DEVELOPMENT OR STUDENT FINANCIAL AID CLUSTERS - CFDA NUMBER NOT AVAILABLE**

818,479

**TOTAL EXPENDITURES OF FEDERAL AWARDS**

$ 45,170,767  Concluded
Michigan Technological University  
Schedule of Findings and Questioned Costs  
For the Year Ended June 30, 2005

SECTION 1 - SUMMARY OF AUDITORS RESULTS:

Financial Statements

Type of Auditor’s report issued: Unqualified

Internal control over financial reporting:
Material weakness identified? No
Reportable conditions identified not considered to be material weaknesses? None reported

Noncompliance material to financial statements noted? No

Federal Awards

Internal control over major programs:
Material weaknesses identified? No
Reportable conditions identified not considered to be material weaknesses? None reported

Type of auditor’s report issued on compliance for major programs: Unqualified

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

Identification of major programs:

<table>
<thead>
<tr>
<th>CFDA #</th>
<th>Name of Program</th>
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<tr>
<td>84.033, 84.038, 84.063, 84.066, 84.268</td>
<td>Student financial assistance cluster</td>
</tr>
<tr>
<td>Various</td>
<td>Research and development cluster</td>
</tr>
</tbody>
</table>

Dollar threshold to distinguish between type A and type B programs: $768,830
Michigan Technological University
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2005

Auditee qualified as a low risk auditee? Yes

SECTION II – FINANCIAL STATEMENT FINDINGS
No financial statement findings are reported.

SECTION III – FEDERAL AWARD FINDINGS AND QUESTIONED COSTS
No federal award findings or questioned costs are reported.

SECTION IV – PRIOR YEAR FINDINGS AND QUESTIONED COSTS
No prior year findings or questioned costs were reported.