

MICHIGAN TECHNOLOGICAL UNIVERSITY

**FINANCIAL STATEMENTS AND
OMB CIRCULAR A-133 SUPPLEMENTARY FINANCIAL REPORTS
FOR THE YEAR ENDED JUNE 30, 2002**

TOGETHER WITH REPORT OF INDEPENDENT ACCOUNTANTS

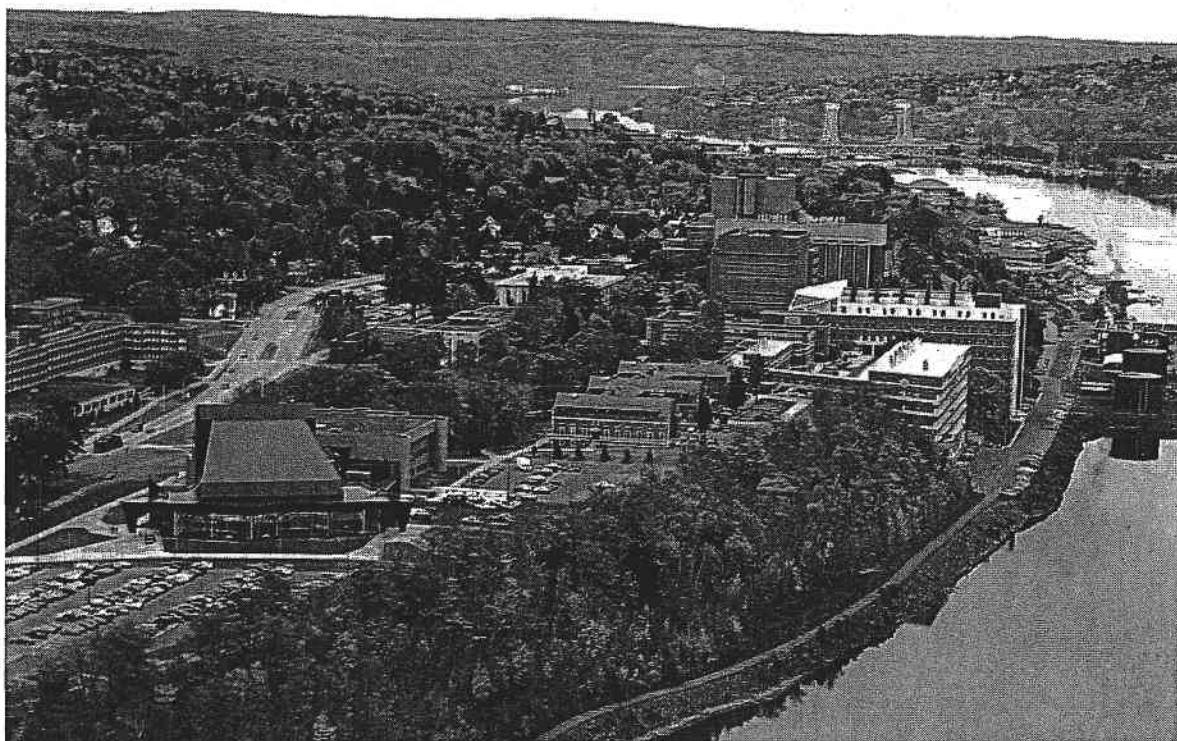
MichiganTech

MICHIGAN TECHNOLOGICAL UNIVERSITY

FINANCIAL STATEMENTS

FOR THE YEARS ENDED JUNE 30, 2002 AND 2001

TOGETHER WITH REPORT OF INDEPENDENT ACCOUNTANTS



**MICHIGAN TECHNOLOGICAL UNIVERSITY
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MANAGEMENT'S DISCUSSION AND ANALYSIS

This section of the Michigan Technological University (the "University") annual financial report presents our discussion and analysis of the financial performance of the University during the fiscal years ended June 30, 2002 and 2001. This discussion has been prepared by University management along with the financial statements and related footnote disclosures and should be read in conjunction with and is qualified in its entirety by the financial statements and footnotes. The financial statements, footnotes and this discussion are the responsibility of University management.

USING THE ANNUAL REPORT

This annual report consists of a series of financial statements, prepared in accordance with the Governmental Accounting Standards Board Statement No. 35 ("GASB 35"), *Basic Financial Statements-and Management's Discussion and Analysis-for Public Colleges and Universities*.

One of the most important questions asked is whether the University as a whole is better or worse off as a result of the year's activities. The key to understanding this question is the Statement of Net Assets, the Statement of Revenues, Expenses and Changes in Net Assets and the Statement of Cash Flows. These statements present financial information in a form similar to that used by corporations. It is prepared under the accrual basis of accounting, whereby revenues and assets are recognized when the service is provided and expenses and liabilities are recognized when others provide the service, regardless of when cash is exchanged.

The Statement of Net Assets includes all assets and liabilities. The University's net assets (the difference between assets and liabilities) are one indicator of the University's financial health. Over time, increases or decreases in net assets is one indicator of the improvement or erosion of the University's financial health when considered with non-financial facts such as enrollment levels and the condition of the facilities.

The Statement of Revenues, Expenses and Changes in Net Assets presents the revenues earned and expenses incurred during the year. Activities are reported as either operating or nonoperating. All things being equal, a public University's dependency on state appropriations and gifts will result in operating deficits, because GASB 35 classifies state appropriations and gifts as nonoperating revenues.

Another important factor to consider when evaluating financial viability is the University's ability to meet financial obligations as they mature. The Statement of Cash Flows presents information related to cash inflows and outflows summarized by operating, noncapital financing, capital and related financing, and investing activities.

REPORTING ENTITY

The financial statements report information about the University as a whole using accounting methods similar to those used by private-sector companies. The University's supporting organization, the Michigan Tech Fund ("MTF") is an independent nonprofit corporation formed for the exclusive benefit of the University. The MTF is not a component unit of the University. Therefore, the results of its operations are not incorporated within these financial statements, or this Management's Discussion and Analysis.

FINANCIAL HIGHLIGHTS

- During fiscal year 2002, the cash balance increased by \$6.8 million, largely due to a tuition increase and controlled spending. In the previous fiscal year, our cash balance was utilized to retire \$11.3 million of long-term debt. This debt retirement resulted in the University having the lowest per-student debt within the State of Michigan's public universities.
- The University strengthened its financial position during the fiscal year ended June 30, 2002, despite a \$1.4 million market devaluation of its investments. Combined net assets increased \$2.7 million, or 1.5 percent from the previous year. This increase was due to an overall increase in tuition and fees, combined with a planned decrease in spending.

Condensed Financial Information

A summarized comparison of the University's assets, liabilities and net assets at June 30, 2002 and 2001 are as follows (in thousands):

Condensed Statement of Net Assets

ASSETS	2002	2001
Current assets	\$ 24,616	\$ 19,852
Noncurrent assets:		
Capital assets, net	168,776	172,447
Other	17,987	18,856
Total Assets	<u>\$ 211,379</u>	<u>\$ 211,155</u>
LIABILITIES		
Current liabilities	\$16,819	\$18,937
Noncurrent liabilities	12,261	12,617
Total Liabilities	<u>\$ 29,080</u>	<u>\$ 31,554</u>
NET ASSETS		
Invested in capital assets, net of related debt	\$157,098	\$160,499
Restricted for expendable	22,043	20,543
Unrestricted (deficit)	3,158	(1,441)
Total Net Assets	<u>\$ 182,299</u>	<u>\$179,601</u>

As of June 30, 2002, total University assets were \$211 million. The University's largest asset is its investment in its physical plant of \$169 million.

The student loans receivable totaling \$10.7 million is the University's second largest asset. This receivable increased by \$490 thousand from the previous year, or 4.8 percent, primarily due to additional student borrowing during the current fiscal year.

The University's current assets of \$24.6 million covered the current liabilities of \$16.8 million. The current ratio increased from 1.0 in fiscal year 2001, to 1.5 in fiscal year 2002.

University liabilities totaled \$29.1 million at June 30, 2002 compared to \$31.6 million at June 30, 2001. Long-term debt of \$11.7 million, consisting of bonds payable and capitalized lease obligations, is the largest liability at June 30, 2002. This long-term debt was reduced by \$436 thousand during the current year through payments.

At June 30, 2002, the University had outstanding bonds of \$11.3 million, representing \$1.3 million and \$10 million remaining from 1993 and 1998 bond issues, respectively. Bonds payable is the University's largest liability at June 30, 2002, representing approximately 39.0% of total University liabilities. The 1993 General Revenue Refunding Bonds were originally issued in an amount of \$3.6 million, and were used to advance refund and defease an earlier bond issued in 1988. The 1998 General Revenue Variable Rate Demand Bonds were originally issued in an amount of \$21.0 million and were used for funding construction and renovation of four facilities: Dow Environmental Sciences and Engineering Building, Performing Arts and Education Center, Forestry and Wood Products Building, and Harold Meese Center. Michigan Technological University has the lowest (per student) long-term debt of any public university within the State of Michigan.

At June 30, 2002, the University had capital lease obligations with remaining principal payments of approximately \$343 thousand. The capital leases primarily consist of telecommunications, software and photocopiers on campus.

The University's bond issues have been rated "AAA" by both Fitch IBCA and Standard & Poor's rating agencies. The highest achievable rating is "AAA" based upon the scale used in university bond ratings. The University's capacity to meet its financial commitment on its obligations is looked upon as extremely strong based upon this bond rating.

Condensed Statement of Revenues, Expenses, and Changes in Net Assets

The statement of revenues, expenses and changes in net assets presents the University's result of operations. A summarized comparison of the University's revenues, expenses and changes in net assets for the years ended June 30, 2002 and 2001 are as follows (in thousands):

	<u>2002</u>	<u>2001</u>
Operating Revenues:		
Tuition and fees, net	\$ 40,327	\$ 32,929
Grants and contracts	29,048	27,728
Auxiliary activities	19,805	19,464
Educational activities	4,819	4,540
Total operating revenues	<u>93,999</u>	<u>84,661</u>
Operating Expenses:		
Salaries and wages	71,908	71,851
Fringe benefits	25,386	25,086
Supplies and services	32,000	33,085
Student financial support	8,674	8,326
Utilities	5,634	6,403
Depreciation	10,798	10,080
Total operating expenses	<u>154,400</u>	<u>154,831</u>
Operating loss	<u>(60,401)</u>	<u>(70,170)</u>
Nonoperating Revenues:		
State appropriations, operating	55,242	54,441
State appropriations, capital	406	8,211
Gifts	8,466	9,608
Other nonoperating revenues and expenses	<u>(1,015)</u>	<u>(2,892)</u>
Net nonoperating revenues	<u>63,099</u>	<u>69,368</u>
Net increase (decrease) in net assets	2,698	(802)
Net Assets:		
Beginning of year	<u>179,601</u>	<u>180,403</u>
End of year	<u>\$ 182,299</u>	<u>\$ 179,601</u>

Since the State of Michigan appropriation is not included within operating revenue per GASB 35, the University will usually show a significant operating loss.

The operating revenues increased from \$84.7 million in fiscal year 2001, to \$94.0 million in fiscal year 2002. The reasons for this increase of \$9.3 million or 11%, was an increase in net tuition and fees, combined with an increase in grant and contract billings for the current fiscal year.

The University strives to provide students with the opportunity to obtain a quality education. Future University enrollments may be affected by a number of factors, including any material increase in tuition and other mandatory charges, stemming from any material change in appropriation funding from the State of Michigan.

ANNUAL STUDENT COSTS

	<u>Tuition</u>		<u>Estimated Fees</u>	<u>Total Resident Tuition & Fees</u>	<u>Room & Board</u>	<u>Estimated Total Resident Costs</u>
	<u>Resident</u>	<u>Non-Res.</u>				
(2001 – 2002)						
Undergraduate	\$ 5,028	\$ 12,306	\$ 859	\$ 5,887	\$ 5,201	\$ 11,088
Graduate	\$ 5,354	\$ 10,998	\$ 954	\$ 6,308	\$ 5,201	\$ 11,509
(2000 – 2001)						
Undergraduate	\$ 4,530	\$ 11,086	\$ 441	\$ 4,971	\$ 4,935	\$ 9,906
Graduate	\$ 4,872	\$ 10,008	\$ 565	\$ 5,437	\$ 4,935	\$ 10,372

The following table details the University's grants and contracts revenue (in thousands) for the fiscal year ended June 30, 2002 and 2001.

Federal Sources:	<u>2002</u>	<u>2001</u>
Department of Agriculture	\$ 1,313	\$ 1,274
Department of Defense	1,008	1,267
Department of Education	3,455	3,036
Department of Energy	2,911	2,670
Environmental Protection Agency	347	1,343
National Aeronautics Space Administration	687	610
National Science Foundation	5,168	4,426
Other Federal Sources	1,037	1,183
Total Federal Sources	<u>15,926</u>	<u>15,809</u>
Non-Federal Sources:		
Private	9,750	8,781
State and Local	3,372	3,138
Total Non-Federal Sources	<u>13,122</u>	<u>11,919</u>
Total All Sources	<u>\$ 29,048</u>	<u>\$ 27,728</u>

Operating expenditures for fiscal year 2002, including depreciation of \$10.8 million, totaled \$154.4 million. Of this total, \$62.0 million or 40 percent was used for instruction and student financial support, and \$20.2 million or 13 percent for research. For the fiscal year 2001, operating expenditures, including depreciation of \$10.1 million, totaled \$154.8 million. Of this total, \$60.9 million or 39 percent was used for instruction and student support, and \$20.8 million or 13 percent for research.

The University's largest source of nonoperating revenue is the State of Michigan appropriation. Since the State's fiscal year begins on October 1st, this is received in eleven monthly payments beginning in October. There is no direct connection between the amount of tuition revenues collected by the University and the amount of State funds appropriated in any given year. For the State fiscal year beginning October 1, 2001 and

ending September 30, 2002, the appropriations to the University from the state were \$55.2 million for operations and \$0.4 million for capital. These appropriation amounts were fully recorded by the University during its fiscal year ending June 30, 2002.

Condensed Statement of Cash Flows

Another way to assess the financial health of an institution is to look at its Statement of Cash Flows. Its primary purpose is to provide relevant information about the cash receipts and cash payments of an entity during a period. The Statement of Cash Flows also helps users assess:

- an entity's ability to generate future net cash flows,
- its ability to meet its obligations as they come due and
- its needs for external financing.

A comparative summary of the statement of cash flows for the years ended June 30, 2002 and 2001 are as follows (in thousands):

Condensed Statement of Cash Flows		
Cash provided by/(used) in:	<u>2002</u>	<u>2001</u>
Operating Activities	(\$50,320)	(\$62,220)
Noncapital Financing Activities	62,552	60,198
Capital and Related Financing Activities	(5,793)	(13,262)
Investing Activities	314	1,590
Net increase (decrease) in cash	6,753	(13,694)
Cash - Beginning of the Year	(1,693)	12,001
Cash - End of Year	\$ 5,060	(\$ 1,693)

Major sources of funds included in operating activities during 2002 and 2001 are student tuition and fees (\$39.8 and \$32.5 million, respectively), and grants and contracts (\$29.0 and \$26.3 million, respectively). The largest payments in operating activities were compensation to employees (\$97.5 and \$97.0 million, respectively) and to suppliers (\$32.0 and \$32.7 million, respectively).

The largest inflow of cash in the noncapital financing activities is the State of Michigan appropriation at \$55.1 and \$54.0 million for fiscal years 2002 and 2001, respectively. Cash used in capital and related financing activities during fiscal years 2002 and 2001 was primarily for the acquisition of capital assets and the payment of its debt service.

UNIVERSITY STATISTICS

Enrollment

Admission to the University is open to residents and non-residents of Michigan on a competitive basis. During the fall 2001 semester, Michigan residents accounted for approximately 76% of the University's undergraduate student enrollment and 34% of its graduate student enrollment.

Undergraduate students:	<u>2001</u>	<u>2000</u>
Michigan	76%	77%
Non-Michigan	24%	23%
Total	<u>100%</u>	<u>100%</u>

Graduate students:	<u>2001</u>	<u>2000</u>
Michigan	34%	39%
Non-Michigan	66%	61%
Total	<u>100%</u>	<u>100%</u>

Enrollments at the University have remained fairly stable over the last five years. The University saw no significant change in total full-time equivalent enrollment in the fall 2001 from the fall of 2000. Freshman applications decreased by 2.7% and transfer applications increased by 12%, from fall 2000 to fall 2001. New freshman enrollees decreased by 5.9% and transfer enrollees decreased by 3.3% from the fall 2000 to fall 2001.

The following tables show the latest retention and graduation rates for freshmen entering the University. The level and changes in retention and graduation rates reflect the diversity of the entering students.

	<u>Fall Retention Rate</u>	<u>Fall Graduation Rate</u>
1997	83.6 %	62.0 %
1998	80.9	63.8
1999	82.5	67.0
2000	79.7	64.6
2001	76.1	64.8

Note: Retention rate is the first year retention for baccalaureate degree seeking students based on the prior year entering class. Graduation rate is the six-year graduation rate for baccalaureate degree seeking students based on the entering class from six years prior.

The following table shows the average American College Testing ("ACT") scores for entering University freshmen. The United States average in 2000-2001 was 20.7.

Average ACT Scores for Incoming Freshmen, Fall

1997	25.59
1998	25.39
1999	25.21
2000	25.26
2001	25.31

Degrees Awarded

The University awards four levels of degrees, including associate, bachelor's, master's and doctoral/professional degrees. Listed below is a five-year history of degrees awarded.

	Degrees Awarded				
	<u>Associate</u>	<u>Bachelor</u>	<u>Masters</u>	<u>Doctorate</u>	<u>Total</u>
1997	81	1,186	164	50	1,481
1998	85	1,075	152	55	1,367
1999	71	986	121	33	1,211
2000	63	1,129	159	42	1,393
2001	50	1,074	145	21	1,290

FACTORS IMPACTING FUTURE PERIODS

There are a number of issues of University-wide importance that directly impacted the fiscal year 2002 financial situation. Many of these issues, such as the level of state support, financial aid, expanding our fundraising capacity, and performance measurement are ongoing activities of continuous importance to the Board of Control and the University leadership. These issues impact the financial and budget planning each year.

Items that determine the limits of program expansion, new initiatives, strategic investments, as well as the ability of the University to meet its core mission and ongoing operational needs are:

- the ability of student fee supported activities to meet inflationary pressures,
- the level of state support,
- the impact of collectively bargained wage increases, and
- the commitment of operating funds for servicing debt and/or funding capital expenditures.

For fiscal year 2002, overall student charges increased with student tuition increases supplemented by fee increases. The State of Michigan operating appropriations contribution dropped from 59% to 56% of general operations revenues. The total State of Michigan appropriations continue to contribute roughly 25 percent of all operating and non-operating revenues. The level of state support is therefore one of the key factors influencing the University's condition. With the anticipated lowest increase in state

support in a decade, the University leadership raised tuition and fees 8% for fiscal year 2003.

The biggest challenges facing the University in the years to come are:

- the needs and requirements for deferred maintenance," technology," repairs and adaptation
- the selected new construction projects.

Reallocation and assessment programs, both academic and administrative, continue across the University. These efforts are geared to assessing our performance related to goals, rethinking the way we do business, and freeing up resources to support change.

FORWARD-LOOKING STATEMENTS

From time to time, we may publish forward-looking statements relating to such matters as possible or assumed future results of our operations, anticipated financial performance, student prospects, new curriculum, and similar matters. These forward-looking statements are subject to risks and uncertainties. Also, when we use any of the words "believes," "expects," "plans," "anticipates," "estimates" or similar expressions, we are making forward-looking statements. We claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 for all of our forward-looking statements. We believe that our forward-looking statements are reasonable.

You should not place undue reliance on any such forward-looking statements, which speak only as of the date made. You should understand that many factors, in addition to those discussed elsewhere in this Annual Report, in our press releases, and in our public documents to which we refer, could affect our future results of the University. This could cause those results to differ materially from those expressed in our forward-looking statements.

The University undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made to reflect the occurrence of unanticipated events.

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Report of Independent Accountants

To the Board of Control
Michigan Technological University:

In our opinion, the accompanying statements of net assets and the related statements of revenues, expenses and changes in net assets and of cash flows present fairly, in all material respects, the financial position of Michigan Technological University (the "University") at June 30, 2002 and 2001, and the results of its operations and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America. These financial statements and supplementary information are the responsibility of the University's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements 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, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In accordance with *Government Auditing Standards*, we have also issued our report dated August 9, 2002 on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grants. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be read in conjunction with this report in considering the results of our audit.

The accompanying Management's Discussion and Analysis (pages 1 through 9) and the Schedule of Expenditures of Federal Awards (pages 4 through 58 of the accompanying OMB Circular A-133 Supplementary Financial Reports) are presented for purposes of additional analysis as required by the Governmental Accounting Standards Board and the U.S. Office of Management and Budget Circular A-133, *Audits of States, Local Governments and Non-Profit Organizations*, respectively, and are not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in our audits of the basic financial statements and, in our opinion, are fairly stated in all material respects, in relation to the basic financial statements taken as a whole.

PricewaterhouseCoopers LLP

August 9, 2002

CONFIDENTIAL

MICHIGAN TECHNOLOGICAL UNIVERSITY
STATEMENT OF NET ASSETS

June 30, 2002 and 2001
(in thousands)

Assets	<u>2002</u>	<u>2001</u>
Current assets:		
Cash and cash equivalents	\$ 5,060	\$ -
Accounts receivable, net	17,782	18,006
Other assets	1,774	1,846
Total current assets	<u>24,616</u>	<u>19,852</u>
Noncurrent assets:		
Student loans receivable, net of allowance	10,745	10,255
Investments	7,242	8,601
Capital assets, net of accumulated depreciation	168,776	172,447
Total noncurrent assets	<u>186,763</u>	<u>191,303</u>
TOTAL ASSETS	<u>\$ 211,379</u>	<u>\$ 211,155</u>
 LIABILITIES		
Current liabilities:		
Accounts payable	\$ 3,346	\$ 4,768
Other accrued liabilities	6,856	7,305
Deferred revenue	2,862	3,184
Current portion of noncurrent liabilities	3,755	3,680
Total current liabilities	<u>16,819</u>	<u>18,937</u>
Noncurrent liabilities:		
Funds held for others	490	410
Long-term liabilities	11,771	12,207
Total noncurrent liabilities	<u>12,261</u>	<u>12,617</u>
TOTAL LIABILITIES	<u>\$ 29,080</u>	<u>\$ 31,554</u>
 NET ASSETS		
Invested in capital assets, net of related debt	\$ 157,098	\$ 160,499
Restricted for expendable	22,043	20,543
Unrestricted (deficit)	3,158	(1,441)
TOTAL NET ASSETS	<u>\$ 182,299</u>	<u>\$ 179,601</u>

The accompanying notes are an integral part of these financial statements.

MICHIGAN TECHNOLOGICAL UNIVERSITY
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET
ASSETS

For the Years Ended June 30, 2002 and 2001
(in thousands)

REVENUES:	<u>2002</u>	<u>2001</u>
<i>Operating Revenues</i>		
Student tuition and fees (net of scholarship allowances of \$8,113 and \$8,797)	\$ 40,327	\$ 32,929
Federal grants and contracts	15,926	15,809
State and local grants and contracts	3,372	3,138
Nongovernmental grants and contracts	9,750	8,781
Educational activities	4,819	4,540
Sales and services of departmental activities	7,245	7,384
Student resident fees	12,560	12,080
Total operating revenues	<u>93,999</u>	<u>84,661</u>
EXPENSES:		
<i>Operating Expenses</i>		
Educational and general expenditures:		
Instruction	\$ 53,763	\$ 53,556
Research	20,176	20,773
Public service	4,801	3,855
Academic support	10,150	10,060
Student services	5,295	5,338
Institutional support	13,165	13,839
Student financial support	8,209	7,319
Operational and maintenance of plant	9,194	10,629
Depreciation	10,798	10,080
Sales and services of departmental activities	8,460	9,943
Student residents	10,389	9,439
Total operating expenses	<u>154,400</u>	<u>154,831</u>
Operating loss	(60,401)	(70,170)

The accompanying notes are an integral part of these financial statements.

MICHIGAN TECHNOLOGICAL UNIVERSITY
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET
ASSETS

(Continued)

For the Years Ended June 30, 2002 and 2001
(in thousands)

NONOPERATING REVENUES (EXPENSES)	<u>2002</u>	<u>2001</u>
State appropriations	\$ 55,242	\$ 54,441
Gifts	6,431	6,262
Investment loss (net of investment expense)	(1,044)	(747)
Interest on capital asset – related debt	(282)	(570)
Other nonoperating revenues	311	(1,575)
Net nonoperating revenues before capital gifts	60,658	57,811
Capital appropriations	406	8,211
Capital grants and gifts	2,035	3,346
Total nonoperating revenues	63,099	69,368
Net increase (decrease) in net assets	2,698	(802)
 NET ASSETS		
Beginning of year	179,601	180,403
End of year	\$ 182,299	\$ 179,601

The accompanying notes are an integral part of these financial statements.

MICHIGAN TECHNOLOGICAL UNIVERSITY
STATEMENT OF CASH FLOWS

For the Years Ended June 30, 2002 and 2001
(in thousands)

<u>Cash Flows from Operating Activities</u>	<u>2002</u>	<u>2001</u>
Student tuition and fees	\$ 39,849	\$ 32,513
Grants and contracts	29,008	26,277
Payments to suppliers	(31,978)	(32,660)
Payments for utilities	(5,621)	(6,380)
Payments to employees	(72,226)	(71,792)
Payments for benefits	(25,278)	(25,170)
Payments for scholarships and fellowships	(8,674)	(8,326)
Loans issued to students	(2,162)	(1,809)
Collection of loans to students	1,672	1,441
Sales and services of departmental activities	7,474	7,139
Student residents fees	12,559	12,122
Sales and service of educational activities	5,078	4,499
Other payments	(21)	(74)
Net cash used by operating activities	<u>(50,320)</u>	<u>(62,220)</u>
<u>Cash Flows from Noncapital Financing Activities</u>		
State appropriations	55,096	53,970
Gifts and grants for other than capital purposes	7,409	6,263
William D. Ford direct lending cash received	12,725	11,225
William D. Ford direct lending cash disbursed	(12,678)	(11,260)
Net cash provided by noncapital financing activities	<u>62,552</u>	<u>60,198</u>
<u>Cash Flows from Capital and Related Financing Activities</u>		
Capital appropriations	495	10,043
Capital grants and gifts received	1,733	2,803
Proceeds from sale of capital assets	105	139
Purchases of capital assets	(7,566)	(14,237)
Principal paid on capital debt and leases	(277)	(11,456)
Interest paid on capital debt and leases	(283)	(554)
Net cash used by capital and related financing activities	<u>(5,793)</u>	<u>(13,262)</u>
<u>Cash Flows from Investing Activities</u>		
Proceeds from sales and maturities of investments	777	8,236
Interest on investments	314	507
Purchase of investments	(777)	(7,153)
Net cash provided by investing activities	<u>314</u>	<u>1,590</u>
Net increase (decrease) in cash and cash equivalents	6,753	(13,694)
Cash and cash equivalents – beginning of the year	<u>(1,693)</u>	<u>12,001</u>
Cash and cash equivalents – end of year (included in accounts payable)	<u>\$ 5,060</u>	<u>\$ (1,693)</u>

The accompanying notes are an integral part of these financial statements.

MICHIGAN TECHNOLOGICAL UNIVERSITY
STATEMENT OF CASH FLOWS

(Continued)
For the Years Ended June 30, 2002 and 2001
(in thousands)

Reconciliation of net operating revenues (expenses) to net cash used by operating activities:	<u>2002</u>	<u>2001</u>
Operating loss	\$ (60,401)	\$ (70,170)
<i>Adjustments to reconcile net loss to net cash used by operating activities:</i>		
Depreciation expense	10,798	10,080
<i>Changes in assets and liabilities:</i>		
Receivables, net	268	(2,229)
Other assets	72	292
Loans to students	(490)	(368)
Accounts payable	214	240
Other accrued liabilities	(449)	207
Current portion of long-term liabilities	66	(316)
Funds held for others	80	63
Deferred revenue	(322)	155
Long-term liabilities	(156)	(174)
Net cash used by operating activities	<u>\$ (50,320)</u>	<u>\$(62,220)</u>
<u>Supplemental Disclosure of Cash Flow Information</u>		
Acquisition of equipment through capital leases	<u>\$ 7</u>	<u>\$ 75</u>

The accompanying notes are an integral part of these financial statements.

NOTES TO THE FINANCIAL STATEMENTS

(1) BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

Michigan Technological University (the "University") is an institution of higher education and is considered to be a component unit of the State of Michigan because its Board of Control is appointed by the Governor of the State of Michigan. Accordingly, the University is included in the State's financial statements as a discrete component unit. Transactions with the State of Michigan relate primarily to appropriations for operations, grants from various state agencies and payments to State retirement programs for University employees.

The financial statements of all controlled organizations are included in the University's financial statements. Organizations which are not controlled by the University, such as the Michigan Tech Fund and booster organizations, are not included in the University's financial statements.

Basis of Presentation

The financial statements have been prepared in all material respects in accordance with accounting principles outlined by the Governmental Accounting Standards Board ("GASB") Statement No. 35 *Basic Financial Statements and Management's Discussion and Analysis for Public Colleges and Universities*.

These statements establish standards for external financial reporting for public colleges and universities and require that financial statements be presented on a consolidated basis to focus on the university as a whole, with resources classified for accounting and reporting purposes into net asset categories according to externally imposed restrictions.

The three required net assets categories used by the University are as follows:

- Invested in capital assets, net of related debt – Capital assets, net of accumulated depreciation and outstanding principal balances of debt attributable to the acquisition, construction or improvement of those assets.
- Restricted for expendable purposes – Net assets whose use is subject to externally imposed stipulations that can be fulfilled by actions of the University pursuant to those stipulations or that expire by the passage of time.
- Unrestricted – Net assets that not subject to externally imposed stipulations. Unrestricted net assets may be designated for specific purposes by action of the University's Board of Control or may otherwise be limited by contractual agreements with outside parties.

Summary of Significant Accounting Policies

Accrual Accounting

The accompanying financial statements have been prepared on the accrual basis. The University reports as a Business Type Activity, as defined by GASB Statement No. 35. Business Type Activities are those that are financed in whole or in part by fees charged to external parties for goods or services.

The accrual basis of accounting provides that expenditures include only amounts associated with goods and services received and that liabilities include only the unpaid amounts associated with such expenditures. Accordingly, outstanding purchase orders and commitments not reported in the financial statements totaled \$3,409 (in thousands) and \$4,458 at June 30, 2002 and 2001, respectively.

Income Taxes

The University is classified as a political subdivision of the State of Michigan under Internal Revenue Code Section 115(A) and is therefore exempt from Federal Income Taxes. Certain activities of the University, to the extent profitable, may be subject to taxation as unrelated business income.

Cash and Cash Equivalents

The University considers all highly liquid investments (including restricted assets) with a maturity of three months or less when purchased to be cash equivalents.

Inventories

Inventories are valued at the lower of cost or market determined on a first-in, first-out basis.

Investments and Marketable Securities

Investments are valued at market.

Capitalized Interest

During fiscal year 2001, total interest cost was \$1,240 (in thousands), of which \$670 was included in investment in plant and \$570 was included in expenditures. There was no capitalization of interest in fiscal year 2002.

Property, Plant and Equipment

The University uses a \$2,500 capitalization threshold. Physical properties are stated at cost when purchased. Other acquisitions are stated at appraised value on date of receipt. Repair and maintenance and equipment replacement reserves have been established to provide for significant repair and maintenance costs to residences and certain other facilities.

Depreciation is provided for physical properties on a straight-line basis over the estimated useful life of the property, as follows:

<u>Classification</u>	<u>Life</u>
Land Improvements and infrastructure	20 years
Buildings	40 years
Computer Equipment	5 years
Equipment	7 years
Library Books	5 years

Revenue and Expense Recognition

The University recognizes revenues net of discounts and allowances, when it becomes measurable and available. All revenues from programmatic sources are considered to be operating revenues. Included in non-operating revenues are state appropriations, investment income, and gifts. The University first applies restricted resources when an expense is incurred for purposes for which both restricted and unrestricted net assets are available.

Scholarship Allowances and Student Financial Aid

Financial aid to students is reported in the financial statements under the alternative method as prescribed by the National Association of College and University Business Officers (NACUBO). Certain aid (loans, funds provided to students as awarded by third parties and Federal Direct Lending) is accounted for as third party payments (credited to the student's accounts as if the student made the payment.) All other aid is reflected in the financial statements as operating expenses or scholarship allowances, which reduce revenues. The amount reported as operating expense represents the portion of aid that was provided to the student in the form of cash. Scholarship allowances represent the portion of aid provided to the student in the form of reduced tuition. Under the alternative method, these amounts are computed on a total university basis by allocating the cash payments to students, excluding payments for services, on the ratio of all aid to the aid not considered to be third party aid.

Reclassifications

Certain amounts in the 2001 financial statements have been reclassified to conform with the 2002 financial statement presentation.

(2) CASH AND INVESTMENTS

Authorizations:

The University investment policies are governed and authorized by University Bylaws and the Board of Control.

The University utilizes the "pooled cash" method of accounting for substantially all of its cash and cash equivalents. Investment policies for cash and cash equivalents, as set forth by the Board of Control, authorize the University to invest, with limitations, in commercial paper rated within the two highest classifications of prime as established by at least one of the standard rating services. Investments may also be made in securities of the U.S. Treasury and Federal agencies, and in time savings accounts.

Policies regarding investments and marketable securities as set forth by the Board of Control, authorize the University to invest in U.S. Treasury Obligations; commercial paper rated within the two highest classifications of prime as established by at least one of the standard rating services; or Federal agency securities certificates of deposit issued by FDIC insurance banks, FSLIC insured savings and loan associations, or an NCUA credit union member; or Eurodollar time deposits in Tier 1, 2, or 3 banks.

Deposits:

The University's cash and cash equivalents as of June 30, 2002 and 2001 are \$5,060 and \$(1,693) (in thousands), respectively. The cash and cash equivalents balance as of June 30, 2001 is included in accounts payable.

Of the total bank balances, \$13 (in thousands) at June 30, 2002 and \$12 at June 30, 2001 were covered by federal depository insurance. The remaining amounts were uninsured and uncollateralized, as the University is precluded by state law from collateralizing its deposits.

Investments:

In accordance with GASB Statement No. 3, investments are classified into three categories of custodial credit risk. The University's investments are not categorized because they are not evidenced by securities that exist in physical or book entry form. The University's investments in pooled investment funds are uninsured.

The University has pooled investments invested in a variety of mutual funds managed by investment managers. The net decrease in the fair value of investments takes into account all changes in fair value (including purchases and sales) that occurred during the year.

Investment loss for the years ended June 30 is comprised of the following (in thousands):

	<u>2002</u>	<u>2001</u>
Investment income (loss):		
Interest	\$ 327	\$ 527
Dividends	93	799
Net decrease in the fair value of investments	<u>(1,451)</u>	<u>(2,049)</u>
Subtotal	(1,031)	(723)
Investment expenses:	<u>(13)</u>	<u>(24)</u>
Net investment loss:	<u>\$ (1,044)</u>	<u>\$ (747)</u>

The University realized net losses of \$165 (in thousands) and \$620 from the sale of investments in fiscal years 2002 and 2001, respectively. The calculation of realized losses is independent of the calculation of the net increase (decrease) in the fair value of investments. Realized losses on investments that had been held in more than one fiscal year and sold in the current year may have been recognized as an increase in the fair value of investments reported in the prior year. The unrealized net loss on investments held as of June 30, 2002 and 2001 was \$1,286 (in thousands) and \$1,429, respectively.

The annualized returns on investments and marketable securities, excluding the base cash pool reserve for the year ended June 30 was as follows:

	<u>2002</u>	<u>2001</u>
Intermediate fixed income	10.7%	4.2%
Equity investments	(16.2%)	(14.7%)

(3) CAPITAL ASSETS

The following table summarizes, by major class of asset, the capital asset activity for the year ended June 30, 2002 (in thousands):

	<u>Beginning Balance</u>	<u>Net, Additions</u>	<u>Disposals</u>	<u>Ending Balance</u>
Land	\$ 8,793	\$ -	\$ -	\$8,793
Land improvements and infrastructure	10,055	14	-	10,069
Buildings	204,434	1,038	-	205,472
Equipment	84,446	6,000	(4,715)	85,731
Library books	4,559	137	-	4,696
Mineral collections	3,103	87	-	3,190
Construction in progress	72	616	-	688
Total cost of capital assets	<u>315,462</u>	<u>7,892</u>	<u>(4,715)</u>	<u>318,639</u>
Less accumulated depreciation:				
Land improvements and infrastructure	8,035	126	-	8,161
Buildings	67,850	4,730	-	72,580
Equipment	62,867	5,841	(3,950)	64,758
Library books	<u>4,263</u>	<u>101</u>	<u>-</u>	<u>4,364</u>
Total accumulated depreciation	<u>143,015</u>	<u>10,798</u>	<u>(3,950)</u>	<u>149,863</u>
Capital assets - net	<u>\$ 172,447</u>	<u>(\$2,906)</u>	<u>(\$ 765)</u>	<u>\$168,776</u>

(4) LINE OF CREDIT

The University has an unused line of credit arrangement with one bank under which it may borrow up to \$10,000,000. It is set at a variable rate of interest, subject to change daily, which is 35 basis points less than the London Interbank Offered Rate ("LIBOR"). There are no annual commitment fees and no restrictive covenants associated with this line of credit.

(5) NONCURRENT LIABILITIES

Noncurrent liabilities of the University as of June 30, 2002 (in thousands):

	<u>Beginning Balance</u>	<u>Additions</u>	<u>Reductions</u>	<u>Ending Balance</u>	<u>Current Portion</u>
General Revenue Bonds:					
Variable Rate Demand	\$ 10,000	\$ -	\$ -	\$ 10,000	\$ -
Refunding Bonds	1,490	-	155	1,335	165
Total bonds payable	11,490	-	155	11,335	165
Capital leases	458	7	122	343	117
Total long-term debt	11,948	7	277	11,678	282
Accrued Health & Liability Claims, net	3,939	-	91	3,848	3,473
Total noncurrent liabilities	\$15,887	\$ 7	\$ 368	\$15,526	\$3,755

Bonds

In fiscal year 1998, the University issued \$21 million of General Revenue Variable Rate Demand Bonds ("GRVDB"). Initially priced at 3.45%, the bonds are re-priced weekly. The funds have been used to complete four building projects on campus: the Dow Environmental Sciences and Engineering building, the Rozsa Center for the Performing Arts, the Center for Ecosystem Science, and the Harold Meese Career Center. Additionally, proceeds from the bonds were used to pay off the balances on the University Images loan and the Harold Meese Career Center mortgage. Annual debt service requirements begin in 2015. In fiscal year 2001, the University retired \$11 million of this bond issue.

The GRVDB issue is collateralized with a \$10 million letter of credit through the Bank of America. The letter would only be used if the University is unable to make payments on the bonds.

In fiscal year 1994, the University defeased in substance the 1989 issue of General Revenue Bonds with an issue of General Revenue Refunding Bonds valued at \$3,585 (in thousands). These bonds bear interest at 2.80% to 5.10% and mature at various dates through 2008. As of June 30, 2002 and 2001, the defeased bonds outstanding (in thousands) were \$1,210 and \$1,335, respectively.

Capital Lease Obligations

The University has entered into capital lease agreements for the purchase of office equipment and telecommunications switching equipment. Scheduled maturities of noncurrent liabilities are as follows for the fiscal year ending June 30 (in thousands):

<u>Fiscal Year</u>	<u>Bonds</u>	<u>Capital Leases</u>	<u>Total</u>
2003	\$ 165	\$ 135	\$ 300
2004	170	120	290
2005	180	99	279
2006	190	23	213
2007	200	1	201
Later Years	10,430	-	10,430
Subtotal	11,335	378	11,713
Less interest components	-	(35)	(35)
Total	<u>\$11,335</u>	<u>\$ 343</u>	<u>\$11,678</u>

(6) POST-EMPLOYMENT BENEFITS

The University offers participation in one of two retirement plans for all qualified employees: the Michigan Public School Employees' Retirement System ("MPERS") and the Teachers Insurance and Annuities Association College Retirement Equities Fund ("TIAA-CREF").

MPERS is a non-contributory defined benefit retirement plan through the Michigan State Employees' Retirement System Plan (the "Plan"). Due to State of Michigan House Bill HB4047, University employees hired after December 31, 1995 can no longer participate in this retirement plan, unless they were previously enrolled in the plan at the University or one of the other six universities that are part of MPERS.

During fiscal year 1997, the University implemented the funding policy changes finalized by MPERS. An actuarial valuation was prepared for MPERS that separated the plan into two components – university members and all other members. The valuation determined the university members' portion of plan assets and unfunded actuarial accrued liability ("UAAL"). The new funding policy calls for continued contributions for active members at 6.46% of member payroll. To fund the costs of the UAAL over the next forty years, the University will make additional contributions at a rate that will be determined annually. The fiscal year 2002 and 2001 rates were 0.0% and 1.36%, respectively. The University is also required to pay a \$183,700 monthly supplemental contribution for retiree health care benefits.

The TIAA-CREF Plan is a defined contribution retirement plan. All employees, who work at least 3/4 time are eligible to participate in the TIAA-CREF plan. For employees hired after December 31, 1995 employer contributions begin two years after date of hire or age 35 whichever is sooner. Employee benefits vest immediately. The University contributes a specified percentage of employee wages and has no liability beyond its own contribution.

Contributions and covered payroll under the plans (excluding participants' additional contributions) for the years ended June 30 are summarized as follows (in thousands):

	<u>2002</u>	<u>2001</u>
University contributions to MPSERS	\$ 975	\$ 1,155
MPSERS retiree health insurance	2,148	1,899
MPSERS unfunded pension costs	27	72
Payroll covered under MPSERS	12,968	14,001
University contributions to TIAA-CREF	5,560	5,576
Payroll covered under TIAA-CREF	43,777	42,647

The University subsidizes a medical benefits plan for TIAA-CREF eligible University employees who have or will have retired from October 19, 1992 through June 30, 2006. The University recognizes the cost of providing this benefit on a pay-as-you-go basis, which is included in the current funds' expenditures.

During 1997, the Board approved a change in the plan's benefits. During 2002 and 2001, the University matched the participating employee's 2% of salary contribution to the employee's TIAA-CREF retirement annuity.

From 2003 to 2006, the retired employee's contribution for health care benefits will increase from 60% to 100%. The University's subsidy will likewise decrease for fiscal year 2007 and beyond because retired employees will be responsible for 100% of their health care costs. Retirees can pay for their coverage with their annuity.

Retirement Supplemental Voluntary Plan

During 2002, the University adopted the Retirement Supplemental Voluntary Plan ("RSVP") to facilitate the voluntary retirement of eligible employees. The RSVP is not an early retirement program. The decision to retire is left to the discretion of the individual employee, and remains entirely voluntary. However, if an employee decides to retire, the RSVP provides several retirement options: a monetary option; a phased retirement option; a combination of the monetary and phased retirement options; and a program for employment after retirement. The University recognizes the related costs in the year the employee decides to retire. The University recognized \$431 (in thousands) for the year ended June 30, 2002.

(7) LIABILITY AND PROPERTY INSURANCE

The University participates in the Michigan Universities Self-Insurance Corporation ("MUSIC"), which provides indemnity to members against auto, comprehensive general liability, errors and omissions, and property losses commonly covered by insurance. MUSIC also provides risk management and loss control services and programs.

Loss coverages are structured on a three layer basis with each member retaining a portion of its losses, MUSIC covering the second layer of losses and commercial carriers covering the third layer. Comprehensive general liability coverage is provided on an occurrence basis; errors and omissions coverage is provided on a claims made basis.

In the event of excess assets, MUSIC will either return the surplus, credit the surplus toward future payments or provide for increased coverages. Recommended reserves for both the corporation and each member are actuarially determined on an annual basis. The corporation will be self-sustaining through member payments and will purchase commercial coverage for claims in excess of established annual limits for each line of coverage. Members may fund their respective reserves as they deem appropriate.

Premiums are assessed annually for (1) insurance risks retained by MUSIC, (2) costs related to excess coverage and (3) general and administrative expenses.

(8) UNIVERSITY SUPPORT ORGANIZATIONS

The Michigan Tech Fund ("MTF") is an independent nonprofit corporation formed for the exclusive benefit of the University. MTF is a tax exempt support organization engaged in traditional fund raising programs. The accompanying financial statements do not include the net assets of MTF. The most recent audited MTF financial statements are as of June 30, 2002. The net assets of the MTF were \$81.4 million. Included in the net assets above, MTF had an endowment of \$27.0 million. Contributions by the MTF on behalf of the University approximated \$9.8 million.

(9) COMMITMENTS AND CONTINGENCIES

The University has internally funded reserves for certain employee benefits. Accrued liabilities are generally based on actuarial valuations and represent the present value of unpaid expected claims, including estimates of claims incurred but not reported.

In the normal course of business, the University is named party to various legal actions. Historically, the University has not experienced significant losses from such actions. After taking into consideration legal counsel's evaluation of pending actions, management believes the resolution of these matters will not have a material adverse effect on the University's financial position or results of operations.

MICHIGAN TECHNOLOGICAL UNIVERSITY

**OMB CIRCULAR A-133 SUPPLEMENTARY FINANCIAL REPORTS
FOR THE YEARS ENDED JUNE 30, 2002 AND 2001**

TOGETHER WITH REPORT OF INDEPENDENT ACCOUNTANTS

Michigan Technological University OMB Circular A-133 Supplementary Financial Reports

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**Report of Independent Accountants on Compliance
and on Internal Controls Over Financial Reporting
Based on an Audit of Financial Statements Performed
in Accordance with *Government Auditing Standards***

To the Board of Control
Michigan Technological University:

We have audited the financial statements of Michigan Technological University (the "University") as of and for the year ended June 30, 2002, and have issued our report thereon dated August 9, 2002. 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.

Compliance

As part of obtaining reasonable assurance about whether the University's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grants, 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 that are required to be reported under *Government Auditing Standards*.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the 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 assurance 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 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 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.

This report is intended solely for the information and use of the Board of Control, University management, the Department of Defense, Office of Naval Research (the cognizant agency) and Federal grantor agencies and is not intended to be and should not be used by anyone other than these specified parties.



August 9, 2002

PricewaterhouseCoopers LLP
Suite 505
333 Bridge Street, NW
Grand Rapids MI 49504
Telephone (616) 458 7700
Facsimile (616) 356 6988

**Report of Independent Accountants on Compliance
with Requirements Applicable to Each Major Program
and on Internal Controls Over Compliance in Accordance
With OMB Circular A-133**

To the Board of Control
Michigan Technological University:

Compliance

We have audited the compliance of Michigan Technological University (the "University") with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement that are applicable to each of its major federal programs for the year ended June 30, 2002. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

We did not audit the University's compliance with requirements governing billing, recordkeeping, payment processing, reporting and due diligence compliance requirements specified by the Federal Perkins Loans Program and described in the OMB Circular A-133 Compliance Supplement. Compliance with these requirements was audited by other auditors whose report thereon has been furnished to us, and our opinion expressed herein, insofar as it relates to the University's compliance with those requirements, is based solely on the report of the other auditors.

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

In our opinion, based on our audit and the report of other auditors, 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, 2002.

Internal Control Over Compliance

The management of the 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, except as noted in the following paragraph, we considered the 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.

We did not consider internal control over compliance with the requirements governing billing, recordkeeping, payment processing, reporting and due diligence compliance requirements specified by Federal Perkins Loan Program and described in the OMB Circular A-133 Compliance Supplement. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the University's internal control over those compliance requirements, is based solely upon the report of the other auditors.

Our consideration and the other auditors' 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 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 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. Also, the report of the other auditors noted no matters involving the internal control structure over compliance and its operation that they 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, 2002, and have issued our report thereon dated August 9, 2002. 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 financial statements taken as a whole.

This report is intended solely for the information and use of the Board of Control, University management, the Department of Defense, Office of Naval Research (the cognizant agency) and Federal grantor agencies and is not intended to be and should not be used by anyone other than these specified parties.

PricewaterhouseCoopers LLP

August 9, 2002

07/24/2002
 FTQOPL18A
 Fund L3

MICHIGAN TECHNOLOGICAL UNIVERSITY
 Research - Summary Expense by CFDA#
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
McIntyre Stennis							
10.202	E20103	R52026	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Research Administration Financial Manager: G D Mroz	9,542.21
McIntyre Stennis							
10.202	E20104	R52027	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Soil Respiration Financial Manager: J Chen	2,397.96
McIntyre Stennis							
10.202	E20105	R52028	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Canada Yew Birds Financial Manager: D J Flaspohler	2,911.02
McIntyre Stennis							
10.202	E20106	R52029	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Ecology Program Financial Manager: M R Gale	775.21-
McIntyre Stennis							
10.202	E20107	R52030	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Sociology Natural Resources Financial Manager: K E Halvorsen	11,770.00
McIntyre Stennis							
10.202	E20108	R52031	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Genetic Analysis Aspen Financial Manager: C P Joshi	165.38-
McIntyre Stennis							
10.202	E20109	R52032	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Carbon Cycling Forest Soils Financial Manager: M F Jurgensen	556.79-
McIntyre Stennis							
10.202	E20110	R52033	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Larch Hybrids for Michigan Financial Manager: D F Karnosky	2,140.03
McIntyre Stennis							
10.202	E20112	R52035	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Forest Cover Mapping Financial Manager: A L Maclean	131.08
McIntyre Stennis							
10.202	E20113	R52036	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Extrusion Foaming WoodFiber Financial Manager: L M Matuana	336.79
McIntyre Stennis							
10.202	E20115	R52038	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Valuation Forest Lands-U.P. Financial Manager: B D Orr	914.80-
McIntyre Stennis							
10.202	E20116	R52039	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Trophic Controls Is. Royale Financial Manager: R O Peterson	286.25-
McIntyre Stennis							
10.202	E20117	R52040	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Operations Mgmt Rsch Prgm Financial Manager: J B Pickens	2,195.53
McIntyre Stennis							
10.202	E20118	R52041	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-C-Allocation/N-Cycling Financial Manager: K S Pregitzer	1,499.71
McIntyre Stennis							
10.202	E20119	R52042	23005	000914	FY01 MCINTIRE STENNIS	MS/FY01-Production Young Tamarack Financial Manager: D D Reed	1,817.68-
McIntyre Stennis							

The accompanying notes are an integral part of these financial statements.

07/24/2002
 FTQOPL18A
 Fund L3

MICHIGAN TECHNOLOGICAL UNIVERSITY
 Research - Summary Expense by CFDA#
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
10.202 McIntyre Stennis	E20120	R52043	23005	000914	FY01 MCINTIRE STENNIS Financial Manager: C Tsai	MS/FY01-Field Trial Aspen Trees	3,373.92
10.202 McIntyre Stennis	E20121	R52176	23005	011021	FY02 MCINTIRE-STENNIS Financial Manager: G D Mroz	MS-FY02-Research Administration	74,096.27
10.202 McIntyre Stennis	E20122	R52177	23005	011021	FY02 MCINTIRE-STENNIS Financial Manager: G D Mroz	MS-FY02-Admin Discretionary	27,531.83
10.202 McIntyre Stennis	E20123	R52178	23005	011021	FY02 MCINTIRE-STENNIS Financial Manager: G D Mroz	MS-FY02-Graduate Student Support	24,369.20
							157,779.44
TOTAL FOR CFDA# 10.202							157,779.44
U S Dept of Agriculture Fed Pass:							
10.206 U S Dept of Agriculture Fed Pass:	E27700	R82006	22405	000913	SUBCONTRACT # C0239A-OUNIVE-Load Sharing/System Factor Financial Manager: W M Bulleit		25,009.12
							25,009.12
U S Forest Service:							
10.206 U S Forest Service:	E20178	R52058	22405	000121	2001-35504-10042 Financial Manager: L B Sandberg	USAGR-Wood Composite Panels	27,040.03
10.206 U S Forest Service:	E20310	R51018	23007	961128	AGRMNT NO. 97-35101-43 Financial Manager: J Chen	USAGR-RSI/Adpative Landscape Manage	1,112.03
10.206 U S Forest Service:	E20328	R51142	23805	980217	98-35106-6630 Financial Manager: C Tsai	USAGR-Molecular Characterization	5,089.16
10.206 U S Forest Service:	E20330	R51166	22205	980114	98-35504-6556 Financial Manager: G T Caneba	USAGR-Copolymer Chain Architecture	3,785.25-
10.206 U S Forest Service:	E20334	R51178	24105	980118	98-35103-6533 Financial Manager: G K Podila	USAGR-Cloning Homeotic Genes	49,086.67
10.206 U S Forest Service:	E20343	R51240	24105	971121	99-35107-7810 Financial Manager: G K Podila	USAGR - Symbiosis-Regulated Genes	51,662.92
10.206 U S Forest Service:	E20349	R51254	23805	981250	99-35103-8601 Financial Manager: L M Matuana	USAGR-Foaming of Wood-Fiber	24,593.93

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
10.206	E20350	R51286	23005	990101	99-35103-7986	USAGR-PBC/Cellulose Augmentation	
U S Forest Service:					Financial Manager:	V L Chiang	40,647.47
10.206	E20380	R52102	23005	990101	99-35103-7986	USAGR-PBC/Cellulose Augmentation	
U S Forest Service:					Financial Manager:	C P Joshi	26,292.37
10.206	E20385	R52127	23005	001126	2001-35100-10624	USAGR-Aspen to Melampsora Rust	
U S Forest Service:					Financial Manager:	D F Karnosky	28,335.61
10.206	E20386	R52128	24105	001126	2001-35100-10624	USAGR-Aspen to Melampsora Rust	
U S Forest Service:					Financial Manager:	G K Podila	21,572.70
10.206	E20395	R52183	23005	000211	2001-35318-11268	USAGR-PBC/Monolignol Biosynthesis	
U S Forest Service:					Financial Manager:	L Li	13,274.68
10.206	E20397	R52188	22305	010121	2001-35103-10870	USAGR-Urea-Formaldehyde Adhesive	
U S Forest Service:					Financial Manager:	P A Heiden	39,062.82
10.206	E20399	R52193	23005	001119	2001-35107-11262	USAGR-Response-Fine Root Chemistry	
U S Forest Service:					Financial Manager:	J S King	17,810.12
							341,795.26
						TOTAL FOR CFDA# 10.206	366,804.38
National Science Foundation Fed Pas							
10.212	E25074	R80675	22805	981112	SUB CONTRACT 99-02	APPLI-Controlled Foam Injection for	
National Science Foundation Fed Pas					Financial Manager:	O F Otuonye	1,021.32
							1,021.32
						TOTAL FOR CFDA# 10.212	1,021.32
U S Forest Service:							
10.219	E20176	R52048	23005	000403	00-39210-9812	USAGR-PBC/Ecol Consequences Aspen	
U S Forest Service:					Financial Manager:	C Tsai	45,909.81
10.219	E20177	R52050	23005	000403	00-39210-9812	USAGR-PBC/Ecol Consequences Aspen	
U S Forest Service:					Financial Manager:	J A Vucetich	16,254.05
							62,163.86
						TOTAL FOR CFDA# 10.219	62,163.86

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Dept of Agriculture Fed Pass:							
10.652	E28714	R42014	23005	001124	AGMT # 596-0301-1	UNIVE-A Study of Decayed Lumger	
U S Dept of Agriculture Fed Pass:						Financial Manager: J W Forsman	709.83
							709.83
U S Forest Service:							
10.652	E20293	R52099	23005	010405	01-CA-11242343-024	USAGR-Carbon & Nitrogen Cycling	
U S Forest Service:						Financial Manager: J S King	48,249.68
10.652	E20312	R51030	23005	970808	SRS33-CA-97-224-AMD 2	USAGR-Soil Carbon Mdls/Hydric Soils	
U S Forest Service:						Financial Manager: M F Jurgensen	249.32
10.652	E20324	R51137	23005	980732	SRS33-CA-98-462-AMD 3	USAGR - Phase 2-Carbon Models	
U S Forest Service:						Financial Manager: M F Jurgensen	3,611.84
10.652	E20342	R51238	23005	990344	SRS 33-CA-99-660	USAGR-Soil Response/Site Productivi	
U S Forest Service:						Financial Manager: M F Jurgensen	115.36
10.652	E20362	R52016	23005	000810	00-CA-11242343-077-AMD	USAGR-Sugar Maple/Discolored Heart	
U S Forest Service:						Financial Manager: J B Pickens	14,293.70
10.652	E20371	R52081	23005	010208	SRS 01-CA-11330135-292	USAGR-Soil Carbon Modeling-Phase 2	
U S Forest Service:						Financial Manager: M F Jurgensen	12,600.00
							78,621.26
TOTAL FOR CFDA# 10.652							79,331.09
U S Forest Service:							
10.664	E20355	R51329	23005	000247	00-DG-11244225-204	USAGR-Intensive Log Bucker Training	
U S Forest Service:						Financial Manager: J B Pickens	25,015.51
							25,015.51
TOTAL FOR CFDA# 10.664							25,015.51
U S Dept of Commerce Fed Pass Thru:							
11.417	E28452	R70563	22575	990524	PO 300153328	UNIVE-Estimating Chlorophyll Transp	
U S Dept of Commerce Fed Pass Thru:						Financial Manager: J W Budd	10,816.25
							10,816.25
TOTAL FOR CFDA# 11.417							10,816.25

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Dept of Commerce:							
11.431	E24834	R51135	22405	970807	NA86GP0325-AMD NO.3	USCOM-Anthropogenic Impacts Ozone R E Honrath	14,894.36
U S Dept of Commerce:							
11.431	E24836	R52136	22405	001139	NA16GP1658	USCOM-RSI/PICO Observatory-NARE R E Honrath	207,722.66
U S Dept of Commerce:							
							222,617.02
TOTAL FOR CFDA# 11.431							222,617.02
Office of Naval Research Fed Pass:							
12.300	E25414	R80692	22705	000231	PO # 521655	COLUM -Epitaxial Liftoff/Single Cry M Levy	98.46-
Office of Naval Research Fed Pass:							
12.300	E25421	R80711	24605	000231P2	PO# 521844	COLUM-Epitaxial Liftoff for Fully M Levy	9,681.75
Office of Naval Research Fed Pass:							
12.300	E25422	R80712	22705	000231P2	PO# 521844	COLUM-Epitaxial Liftoff for Fully M Levy	9,567.91
Office of Naval Research Fed Pass:							
12.300	E28731	R80646	23805	980526	G00621	WASHI-Wood-Based Composites Recycle G D McGinnis	401.59
Office of Naval Research Fed Pass:							
12.300	E28818	R82015	22505	010720	G001118 AMENDMENT # 1	WASHI-Fundmntl Properties Energetic W F Perger	99,337.26
Office of Naval Research Fed Pass:							
							118,890.05
U S Office of Naval Research:							
12.300	E21081	R52063	24605	001114	N00173-01-1-G000-MOD	POFFIC-Improving NQR Detection B H Suits	20,644.26
U S Office of Naval Research:							
12.300	E21082	R52109	24605	010426	N00014-01-1-0913	OFFIC-RSI/Optical Analysis C Ftacfas	32,355.10
U S Office of Naval Research:							
12.300	E21130	R51094	22505	980132	N00014-91-J-1953-MOD	PONR-Properties Energetic Solids A B Kunz	126.01-
U S Office of Naval Research:							
							52,873.35
TOTAL FOR CFDA# 12.300							171,763.40

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Air Force Fed Pass Thru:							
12.630	E28178	R82014	24605	001111	PY-1372	STANF-Theo Stdy Dfcts Chalcopyrites	
U S Air Force Fed Pass Thru:						R Pandey	79,905.82
							79,905.82
TOTAL FOR CFDA# 12.630							79,905.82
U S Air Force							
12.800	E21163	R51179	22505	980405	F49620-99-1-0088-MOD	PUSAIR-Upper Atmospheric Turbulence	
U S Air Force						Financial Manager: M C Roggemann	45,616.52
12.800	E21167	R52066	22605	000369	F49620-01-1-0152-MOD	PUSAIR-Design of Smart Structures	
U S Air Force						Financial Manager: G G Parker	92,922.84
12.800	E34353	S90330	22605	000369	F49620-01-1-0152-MOD	PMTU - Wei Chen Assistantship	
U S Air Force						Financial Manager: G G Parker	7,625.84
							146,165.20
U S Air Force Fed Pass Thru:							
12.800	E28545	R82002	22505	000945	Q00570	UNIVE-Improving the Performance of	
U S Air Force Fed Pass Thru:						Financial Manager: M C Roggemann	39,711.54
							39,711.54
TOTAL FOR CFDA# 12.800							185,876.74
National Security Agency:							
12.901	E21170	R52197	24305	001012	MDA904-02-1-0010	NATIO - Codes and Applications	
National Security Agency:						Financial Manager: J Bierbrauer	13,771.20
							13,771.20
TOTAL FOR CFDA# 12.901							13,771.20

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
Defense Advan Rsch Projects Agency							
12.910	E28500	R82000	24405	991210	Y542471	UNIVE-ADV ACCT Power Adaptive Micro S Onder	61,119.20
Defense Advan Rsch Projects Agency Financial Manager:							
12.910	E34337	S90314	24405	991210	Y542471	MTU - Peng Zhou Assistantship S Onder	12,592.30
Defense Advan Rsch Projects Agency Financial Manager:							
							73,711.50
TOTAL FOR CFDA# 12.910							73,711.50
U S Geological Survey:							
15.807	E23018	R52213	22405	010506	02HQGR0110	USGEO - ID Ground Motion Parameters J W van de Lindt	6,005.32
U S Geological Survey: Financial Manager:							
							6,005.32
TOTAL FOR CFDA# 15.807							6,005.32
U S Geological Survey:							
15.808	E23009	R12004	24105	000649	00CRAG0041-AMD 0001	USGEO - YEAR 1 - Boreal Ecosystem J H Adler	30,685.08
U S Geological Survey: Financial Manager:							
15.808	E23010	R12014	24105	000649	00CRAG0041-AMD 0001	USGEO - YEAR 2 - Boreal Ecosystem J H Adler	54,347.94
U S Geological Survey: Financial Manager:							
15.808	E23012	R52089	22555	010225	01WRAG0023-MOD NO. 1	USGEO-RSI/Volcanic Hazards (Matias) W I Rose	31,303.36
U S Geological Survey: Financial Manager:							
15.808	E23013	R52090	22555	010225	01WRAG0023-MOD NO. 1	USGEO-RSI/Volcanic Hazards-Escobar W I Rose	15,136.76
U S Geological Survey: Financial Manager:							
15.808	E23017	R52210	22555	010225	01WRAG0023-MOD NO. 1	USGEO-RSI/Volcanic Hazards - (Rose) W I Rose	2,106.57
U S Geological Survey: Financial Manager:							
							133,579.71
TOTAL FOR CFDA# 15.808							133,579.71

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Geological Survey:							
15.810	E23015	R52124	22555	001148	01HQAG0181-MOD NO. 01	USGEO-Structural Mapping-Rocky Mtn Financial Manager: J E Huntton	21,098.18
U S Geological Survey:							21,098.18
TOTAL FOR CFDA# 15.810							21,098.18
Federal Highway Admin Fed Pass Thru							
20.600	E26987	R62007	22405	000725	PROJ # TR-01-03	MIPOL-OHSP TC Roadsoft Training Financial Manager: T L McNinch	2,388.25
Federal Highway Admin Fed Pass Thru							2,388.25
TOTAL FOR CFDA# 20.600							2,388.25
National Science Foundation:							
47.041	E23104	R51081	22205	970633	BES-9727651-AMD005	NSF - Open Internet-Based Workshop Financial Manager: D R Shonnard	2,436.77
National Science Foundation:							2,436.77
47.041	E23108	R51092	22505	970714	ECS-9733148-AMD 005	NSF-Dvlp Intelligent Info Processor Financial Manager: N N Schulz	0.01
National Science Foundation:							0.01
47.041	E23121	R51141	22205	980525	BES-9814504-AMD 001	NSF-Assess Software Chem Mfg Indust Financial Manager: D R Shonnard	9,895.18
National Science Foundation:							9,895.18
47.041	E23122	R51147	24205	980346	EEC-9872533	NSF-Redesign Engg Education Financial Manager: D A Lynch	1,889.24
National Science Foundation:							1,889.24
47.041	E23123	R51148	21105	980346	EEC-9872533	NSF-Redesign Engg Education Financial Manager: B P Joyce	8,707.69
National Science Foundation:							8,707.69
47.041	E23124	R51149	22405	980346	EEC-9872533	NSF-Redesign Engg Education Financial Manager: S A Sorby	43,039.83
National Science Foundation:							43,039.83
47.041	E23126	R51150	22605	980346	EEC-9872533	NSF-Redesign Engg Education Financial Manager: C L Anderson	2,548.42
National Science Foundation:							2,548.42
47.041	E23127	R51151	22555	980346	EEC-9872533	NSF-Redesign Engg Education Financial Manager: J S Gierke	5,114.92
National Science Foundation:							5,114.92

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47.041	E23128	R51152	22005	980346	EEC-9872533	NSF-Redesign Engg Education M R Plichta	102,800.89
National Science Foundation:							
47.041	E23129	R51153	22005	980346	EEC-9872533	NSF-Redesign Engg Education M R Plichta	30,832.66
National Science Foundation:							
47.041	E23132	R51181	22005	980346	EEC-9872533	NSF - MTU Project Cost/Share M R Plichta	8,142.97
National Science Foundation:							
47.041	E23140	R51199	22605	980726	DMI-9875251-AMD 002	NSF-Hybrid Processes for Machining M H Miller	44,942.68
National Science Foundation:							
47.041	E23144	R51215	22217	981217	DMI-9973278-AMD 002	NSF-POWRE: Synergistic Effects J A King	48,435.04
National Science Foundation:							
47.041	E23153	R51245	22205	980525	BES-9814504-AMD 001	NSF-REU Assessment of Software Mfg D R Shonnard	1,798.00
National Science Foundation:							
47.041	E23160	R51258	22605	990222	CMS-9977462	NSF-Nanoindentation Testing System I Miskioglu	3,808.13
National Science Foundation:							
47.041	E23167	R51266	22505	980346	EEC-9872533	NSF - MTU Project Cost/Share D H Stone	18,138.62
National Science Foundation:							
47.041	E23168	R51278	22605	990401	CMS-9978758-AMD 001	NSF - Gradient Theory: What is Next E C Aifantis	32,747.80
National Science Foundation:							
47.041	E23169	R51282	22217	981217	DMI-9973278-AMD 002	NSF-POWRE: REU-Synergistic Effects J A King	3,948.41
National Science Foundation:							
47.041	E23170	R51287	22805	980346	EEC-9872533	NSF-Redesign Engg Education R Gertsch	0.53
National Science Foundation:							
47.041	E23171	R51289	22605	980726	DMI-9875251-AMD 002	NSF - REU-Hybrid Process for Machin M H Miller	5,150.32
National Science Foundation:							
47.041	E23188	R52000	22605	991002	DMI-0070088	NSF-Kinematic Coagulation Mechanism D J Michalek	126,640.05
National Science Foundation:							
47.041	E23190	R52007	28905	000139	BES-0079969-AMD 004	NSF-Projects to Assist Disabled D D Wright	17,527.14
National Science Foundation:							
47.041	E23191	R52010	22405	000134	CMS-0079469	NSF - Instrumentation (MRI) T J Van Dam	508,430.85
National Science Foundation:							

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
47.041 National Science Foundation:	E23193	R52013	22605	000728	DMI-0084903 Financial Manager:	NSF-Selection Industrial Coatings J K Gershenson	105,373.55
47.041 National Science Foundation:	E23196	R52021	24605	000203	ECS-0091648 Financial Manager:	NSF-Magnetic Photonic Crystals M Levy	10,385.87
47.041 National Science Foundation:	E23197	R52022	22705	000203	ECS-0091648 Financial Manager:	NSF-Magnetic Photonic Crystals M Levy	16,666.00
47.041 National Science Foundation:	E23201	R52054	22805	971022	BES-9802198-AMD 001 Financial Manager:	NSF-Binding Mechanisms of Fly-Ash S K Kawatra	20,790.65
47.041 National Science Foundation:	E23209	R52070	22605	980726	DMI-9875251-AMD 002 Financial Manager:	NSF-Hybrid Processes for Machining M H Miller	11,927.24
47.041 National Science Foundation:	E23211	R52084	22405	000134	CMS-0079469 Financial Manager:	MTU-MRI Instrumentation Cost/Share T J Van Dam	60,590.53
47.041 National Science Foundation:	E23212	R52086	28905	000139	BES-0079969-AMD 004 Financial Manager:	NSF-REU-Projects to Assist Disabled D D Wright	12,906.37
47.041 National Science Foundation:	E23213	R52091	22555	000235	BES-0083112 Financial Manager:	NSF/Metrics-Envir Remediation Prblm A S Mayer	4,348.06
47.041 National Science Foundation:	E23216	R52098	22605	991002	DMI-0070088 Financial Manager:	NSF - (REU) Kinematic Coagulation D J Michalek	3,715.62
47.041 National Science Foundation:	E23219	R52106	22605	000538	CTS-0086988-AMD 001 Financial Manager:	NSF-Internal Condensing Flows A Narain	92,019.98
47.041 National Science Foundation:	E23221	R52110	22405	001107	BES-0102983-AMD 001 Financial Manager:	NSF - P-N Junction Photocatalyst J C Crittenden	23,735.00
47.041 National Science Foundation:	E23224	R52135	22605	010424	DMI-0100210 Financial Manager:	NSF-GOALI: Smart Tool Redevelopment W J Endres	49,921.93
47.041 National Science Foundation:	E23228	R52147	24605	010241	ECS-0115315-AMD 002 Financial Manager:	NSF-Planar Magnetic Photonic Crystl M Levy	41,249.67
47.041 National Science Foundation:	E23229	R52148	22705	010241	ECS-0115315-AMD 002 Financial Manager:	NSF-Planar Magnetic Photonic Crystl M Levy	19,765.59
47.041 National Science Foundation:	E23231	R52153	22505	980346	EEC-9872533 Financial Manager:	NSF - EE WCE Enterprise Management D H Stone	496.95

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47.041	E23234	R52156	22505	980346	EEC-9872533	NSF - EE WCE Wireless Sports Div D H Stone	54.74
National Science Foundation:							
47.041	E23246	R52185	22417	001107	BES-0102983-AMD 001	NSF - P-N Junction Photocatalyst J C Crittenden	57,194.68
National Science Foundation:							
47.041	E23251	R52196	22605	000538	CTS-0086988-AMD 001	NSF-(REU) Internal Condensing Flows A Narain	6,263.51
National Science Foundation:							
47.041	E23255	R52206	22205	971022	BES-9802198-AMD 001	NSF-Binding Mechanisms of Fly-Ash S K Kawatra	881.15
National Science Foundation:							
47.041	E24194	R51050	22205	970633	BES-9727651-AMD005	NSF - Open Internet-Based Workshop D R Shonnard	3,890.20
National Science Foundation:							
47.041	E24195	R51051	22205	970633	BES-9727651-AMD005	NSF - Open Internet-Based Workshop D R Shonnard	4,359.03
National Science Foundation:							
47.041	E25375	R80686	24605	991201	PO # 516843	COLUM-XYZ-On-A-Chip/Integration Tec M Levy	31,933.96
National Science Foundation Fed Pas							
47.041	E25376	R80688	22705	991201	PO # 516843	COLUM-XYZ-On-A-Chip/Integration Tec M Levy	10,694.17
National Science Foundation Fed Pas							
47.041	E28520	R80629	22705	970824	98-0-1/PO# 0000083512	UNIVE-Interfacial Chemistry Analyti J W Drelich	1,773.85
National Science Foundation Fed Pas							
47.041	E34324	S90300	22605	991002	DMI-0070088	MTU - Chuanxi Ju Assistantship D J Michalek	18,647.16
National Science Foundation:							
47.041	E34336	S90312	22805	971022	BES-9802198-AMD 001	MTU - S. Jayson Ripke Assistantship S K Kawatra	2,757.16
National Science Foundation:							
47.041	E34350	S90327	22605	980726	DMI-9875251-AMD 002	MTU - Xiaorui Fan Assistantship M H Miller	15,413.44
National Science Foundation:							
47.041	E34356	S90333	22605	000538	CTS-0086988-AMD 001	MTU - Qiyu Liang Assistantship A Narain	5,886.99
National Science Foundation:							
47.041	E34358	S90335	22605	000538	CTS-0086988-AMD 001	MTU - Xiaoming Wang Assistantship A Narain	4,879.00
National Science Foundation:							
47.041	E34359	S90336	22605	000538	CTS-0086988-AMD 001	MTU - Anna Siemionko Assistantship A Narain	6,001.17
National Science Foundation:							
							1,671,499.37
TOTAL FOR CFDA# 47.041							1,671,499.37

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
National Science Foundation:							
47.049	E23149	R51235	22717	981035	DMR-9972941-AMD 002	NSF - FRG: Mechanical Instabilities Financial Manager: W W Milligan	178,581.92
National Science Foundation:							
47.049	E23150	R51236	22617	981035	DMR-9972941-AMD 002	NSF - FRG: Mechanical Instabilities Financial Manager: E C Aifantis	21,092.44
National Science Foundation:							
47.049	E23151	R51237	22317	981035	DMR-9972941-AMD 002	NSF- FRG: Mechanical Instabilities Financial Manager: J G Williams	11,371.65
National Science Foundation:							
47.049	E23156	R51253	24305	981201	DMS-9973308-AMD 002	NSF - Large-Scale Optimization Financial Manager: M S Gockenbach	52,039.30
National Science Foundation:							
47.049	E23177	R51299	24605	990622	CHE-9981874	NSF-Generalized Ensemble Algorithms Financial Manager: U H Hansmann	61,818.55
National Science Foundation:							
47.049	E23194	R51334	22305	000133	CHE-0079158	NSF-Stretched Dihydrogen Ligand Financial Manager: R L Luck	25,815.64
National Science Foundation:							
47.049	E23218	R52104	24605	000947	PHY-0097111-AMD 001	NSF-Bound & Continuum Properties Financial Manager: D R Beck	43,769.37
National Science Foundation:							
47.049	E23223	R52132	24305	000850	DMS-0096847	NSF-Model for Polymeric Fluids Financial Manager: K A Feigl	21,082.19
National Science Foundation:							
47.049	E23227	R51340	24605	961023	AST-9701716-AMD 003	NSF-REU/Understand Temporal Univers Financial Manager: R J Nemiroff	2,544.47
National Science Foundation:							
47.049	E23242	R52165	24605	960819	AST-9618803-AMD 006	NSF-RSI-(REU) Circumstellar Imaging Financial Manager: C Ftacfas	5,600.00
National Science Foundation:							
47.049	E23258	R52225	22505	010517	AST-0123466	NSF-Adaptive Optical Telescopes Financial Manager: M C Roggemann	9,074.90
National Science Foundation:							
47.049	E24144	R50884	22705	951013	DMR-9624456-AMD 006	NSF-Epitaxial Nanostructure Silicon Financial Manager: D J Swenson	1,099.60-
National Science Foundation:							
47.049	E24158	R50958	24605	960819	AST-9618803-AMD 006	NSF-RSI/Deep Circumstellar Imaging Financial Manager: C Ftacfas	1,373.57
National Science Foundation:							
47.049	E24164	R50972	22705	961032	DMR-9702263-AMD 003	NSF-Glass Forming Ability Alloys Financial Manager: D J Swenson	18,965.97
National Science Foundation:							
47.049	E24171	R50987	24605	960941	PHY-9605213-AMD 002	NSF-Prop. Lanthanide/Actinide Atoms Financial Manager: D R Beck	22.05-
National Science Foundation:							

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47.049	E24178	R51008	24605	961023	AST-9701716-AMD 003	NSF-RSI/Understand Temporal Univers R J Nemiroff	73,635.75
National Science Foundation:							
47.049	E34325	S90301	22717	981035	DMR-9972941-AMD 002	MTU - Sheng Cheng Assistantship W W Milligan	15,376.64
National Science Foundation:							
47.049	E34329	S90304	24605	961023	AST-9701716-AMD 003	MTU - Xiangqian Yu Assistantship R J Nemiroff	13,207.92
National Science Foundation:							
47.049	E34371	S90348	24605	990622	CHE-9981874	MTU - Da Gao Assistantship U H Hansmann	6,253.48
National Science Foundation:							
							560,482.11
TOTAL FOR CFDA# 47.049							560,482.11
National Science Foundation:							
47.050	E23158	R51256	22555	981152	EAR-9903291	NSF - AD 260 Eruption-Lake Ilopango J W Vallance	41,556.82
National Science Foundation:							
47.050	E23174	R51293	24605	990722	ATM-9984294-AMD 002	NSF-Laboratory Studies of Clouds R A Shaw	96,419.35
National Science Foundation:							
47.050	E23180	R51310	22555	970312	OCE-9712872-AMD 005	NSF-Impact of the Keweenaw Current J W Budd	6,414.25
National Science Foundation:							
47.050	E23214	R52095	24605	001140	ATM-0106271-AMD 001	NSF/RSI-Correlated Stochastic Proc. A B Kostinski	52,842.51
National Science Foundation:							
47.050	E23222	R52125	22555	001201	EAR-0106875-AMD 002	NSF-RSI/Volcanic Cloud-Atmosphere W I Rose	80,662.64
National Science Foundation:							
47.050	E23252	R52200	22555	001201	EAR-0106875-AMD 002	NSF-RSI/Volcanic Cloud-Atmosphere W I Rose	14,722.98
National Science Foundation:							
47.050	E24148	R50892	24605	950312	ATM-9512685-AMD 003	NSF-RSI/Polarimetric Doppler Radar A B Kostinski	10,213.06
National Science Foundation:							
47.050	E24186	R51028	24107	970222	OCE-9726680-AMD 003	NSF-RSI/Magnitude Turbidity Plumes C Kerfoot	21,494.55
National Science Foundation:							
47.050	E24187	R51029	22583	970222	OCE-9726680-AMD 003	NSF-RSI/Magnitude Turbidity Plumes J W Budd	59,217.85
National Science Foundation:							

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
47.050 National Science Foundation:	E24188	R51040	22305	970312	OCE-9712872-AMD 005 Financial Manager:	NSF-RSI/Impact of Keweenaw Current S A Green	90,031.26
47.050 National Science Foundation:	E24189	R51041	24105	970312	OCE-9712872-AMD 005 Financial Manager:	NSF-RSI/Impact of Keweenaw Current C Kerfoot	59,816.74
47.050 National Science Foundation:	E24190	R51042	24105	970312	OCE-9712872-AMD 005 Financial Manager:	NSF-Impact of the Keweenaw Current N A Auer	64,852.36
47.050 National Science Foundation:	E24191	R51043	22555	970312	OCE-9712872-AMD 005 Financial Manager:	NSF-RSI/Impact of Keweenaw Current J W Budd	51,146.10
47.050 National Science Foundation:	E24192	R51044	22405	970312	OCE-9712872-AMD 005 Financial Manager:	NSF-Impact of the Keweenaw Current N R Urban	50,338.06
47.050 National Science Foundation:	E24193	R51045	22405	970312	OCE-9712872-AMD 005 Financial Manager:	NSF-Impact of the Keweenaw Current M T Auer	101,593.52
47.050 National Science Foundation:	E34314	S90286	22555	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Hanyi Li Assistantship J W Budd	15,630.93
47.050 National Science Foundation:	E34320	S90293	24105	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Jason Kahn Assistantship N A Auer	14,944.36
47.050 National Science Foundation:	E34327	S90302	22405	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Jaebong Jeong Assistantship N R Urban	2,748.56
47.050 National Science Foundation:	E34334	S90311	24105	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Justin Compton Assistantship C Kerfoot	3,320.76
47.050 National Science Foundation:	E34339	S90316	24605	990722	ATM-9984294-AMD 002 Financial Manager:	MTU-Alexsandr Sergejev Assistantshp R A Shaw	5,864.99
47.050 National Science Foundation:	E34351	S90328	22305	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Sijiong Mou Assistantship S A Green	1,714.28
47.050 National Science Foundation:	E34357	S90334	22405	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Xuefei Lu Assistantship N R Urban	19,195.99
47.050 National Science Foundation:	E34360	S90337	24105	970312	OCE-9712872-AMD 005 Financial Manager:	MTU - Michelle Jarvie Assistantship C Kerfoot	15,831.50
47.050 National Science Foundation:	E34374	S90351	24605	001140	ATM-0106271-AMD 001 Financial Manager:	MTU - Michael Larsen Assistantship A B Kostinski	3,294.77
							883,868.19
TOTAL FOR CFDA# 47.050							883,868.19

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National Science Foundation:							
47.070	E23120	R51139	24405	980145	EIA-9871133	NSF - Computational Facilities S R Seidel	13,808.97
National Science Foundation:							
47.070	E23136	R51194	22605	980145	EIA-9871133	NSF - Computational Facilities D J Michalek	7,702.61
National Science Foundation:							
47.070	E23137	R51195	22555	980145	EIA-9871133	NSF - Computational Facilities A S Mayer	20,193.80
National Science Foundation:							
47.070	E23179	R51308	24405	990717	CCR-9984682-AMD 002	NSF-CAREER: Distributed Computation J Mayo	53,823.77
National Science Foundation:							
47.070	E23204	R52060	22505	000521	CCR-0086609-AMD 001	NSF - SGER: Interconnect Problem A K Goel	57,583.97
National Science Foundation:							
47.070	E23206	R52062	24405	000735	ACI-0093139	NSF-CSE/CAREER: Air Quality Models A Sandu	37,020.99
National Science Foundation:							
47.070	E23220	R52108	22505	000521	CCR-0086609-AMD 001	NSF-(REU) SGER:Interconnect Problem A K Goel	8,880.48
National Science Foundation:							
47.070	E23250	R52194	22505	010725	CCR-0133777-AMD 001	NSF - CAREER: Memory Controller B T Davis	2,782.82
National Science Foundation:							
47.070	E23260	R52231	24405	011220	CCR-0209036	NSF - Optimization DSP Architecture S M Carr	1,348.41
National Science Foundation:							
47.070	E34366	S90343	24405	000735	ACI-0093139	MTU - Fei Wang Assistantship A Sandu	4,202.00
National Science Foundation:							
47.070	E34375	S90352	24405	000735	ACI-0093139	MTU-Chaitanya Belwal Assistantship A Sandu	2,101.02
National Science Foundation:							
							209,448.84
TOTAL FOR CFDA# 47.070							209,448.84
National Science Foundation:							
47.074	E23154	R51246	23005	981224	DEB-9903671-AMD 002	NSF-Multi-trophic Level Dynamics R O Peterson	49,259.85
National Science Foundation:							

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47.074	E23192	R52011	23005	000135	DBI-0079566	NSF-Major Research Instrumentation	
National Science Foundation:						Financial Manager: K S Pregitzer	389,060.83
47.074	E23195	R52019	23005	991222	DEB-0075397-AMD 005	NSF - Plant-Microbe Interactions	
National Science Foundation:						Financial Manager: K S Pregitzer	269,192.13
47.074	E23198	R52045	24107	000304	DEB-0083731-AMD 001	NSF - Aquatic Food Webs	
National Science Foundation:						Financial Manager: C Kerfoot	27,430.58
47.074	E23199	R52046	24107	000304	DEB-0083731-AMD 001	NSF - Aquatic Food Webs	
National Science Foundation:						Financial Manager: C Kerfoot	11,195.88
47.074	E23207	R52068	23005	991222	DEB-0075397-AMD 005	NSF - Plant-Microbe Interactions	
National Science Foundation:						Financial Manager: K S Pregitzer	37,281.36
47.074	E23215	R52097	23005	981224	DEB-9903671-AMD 002	NSF-Multi-trophic Level Dynamics	
National Science Foundation:						Financial Manager: R O Peterson	2,375.00
47.074	E23241	R52151	24105	000701	IBN-0110875-AMD 002	NSF-Exopolymer Prod-Benthic Diatoms	
National Science Foundation:						Financial Manager: M R Gretz	29,085.21
47.074	E23243	R52167	24107	000304	DEB-0083731-AMD 001	NSF-Aquatic Food Webs-Travel	
National Science Foundation:						Financial Manager: C Kerfoot	2,391.00
47.074	E23256	R52212	24105	000701	IBN-0110875-AMD 002	NSF - (REU) Exopolymer Production	
National Science Foundation:						Financial Manager: M R Gretz	1,959.24
47.074	E28499	R80619	23007	961149	SUB DEB97-07426	UNIVE-RSI/Carbon & Energy	
National Science Foundation Fed Pas						Financial Manager: J Chen	4,939.59
							824,170.67

TOTAL FOR CFDA# 47.074							824,170.67
National Science Foundation:							
47.075	E23134	R51189	22555	990318	INT-9815784	NSF-Simulation 92 Mt Spurr Eruption	
National Science Foundation:						Financial Manager: W I Rose	1,811.70
47.075	E23141	R51209	24805	980728	SES-9817913	NSF-Monitoring Tech/Pollution Cntrl	
National Science Foundation:						Financial Manager: H S Gorman	3,029.76
47.075	E23217	R52100	22555	010235	INT-0118587	NSF-Volcanoes-Guatemala/El Salvador	
National Science Foundation:						Financial Manager: W I Rose	43,566.91

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47.075	E23225	R52138	22555	010131	INT-0112718	NSF - U.S.-Argentina Planning Visit W I Rose	5,230.38
National Science Foundation:							
47.075	E23253	R52201	22405	010112	INT-0110397	NSF-RSI/US-Azores Co-op Study R E Honrath	16,429.42
National Science Foundation:							
47.075	E27526	R82016	24305	010407	9/18/01 AGREEMENT	NATIO-Devel Codes Genetic Access V Tonchev	6,169.93
National Science Foundation Fed Pas							

							76,238.10

TOTAL FOR CFDA# 47.075							76,238.10
National Science Foundation:							
47.076	E23101	R51076	22405	960611P3	DUE-9752660	NSF-Multi-Media Software Develop 3- S A Sorby	167.92
National Science Foundation:							
47.076	E23115	R51123	24405	980116	CCR-9870871-AMD 003	NSF-Code Generation for ILP S M Carr	20,712.92
National Science Foundation:							
47.076	E23143	R51212	24405	980116	CCR-9870871-AMD 003	NSF-REU/Code Generation for ILP S M Carr	2,553.10
National Science Foundation:							
47.076	E23146	R51224	22405	981123	DUE-9950506-AMD 001	NSF-Experiential Learning Modules K G Paterson	31,578.60
National Science Foundation:							
47.076	E23148	R51233	22555	981116	DUE-9950213	NSF-Geology Utah's Nat'l Parks J E Hurtoon	120,357.49
National Science Foundation:							
47.076	E23161	R51260	22071	990503	DGE-9979572-AMD 003	NSF - MTU Grad Teaching Fellows S A Sorby	12,026.65
National Science Foundation:							
47.076	E23163	R51262	22405	990503	DGE-9979572-AMD 003	NSF - MTU Grad Teaching Fellows J F Schumaker-Chadde	14,800.98
National Science Foundation:							
47.076	E23164	R51263	24305	990503	DGE-9979572-AMD 003	NSF - MTU Grad Teaching Fellows B J Baartmans	16,946.19
National Science Foundation:							
47.076	E23165	R51264	24305	990503	DGE-9979572-AMD 003	NSF - MTU Grad Teaching Fellows B J Baartmans	230,331.52
National Science Foundation:							
47.076	E23166	R51265	22555	981105	DUE-9950729	NSF-X-Ray Diffractometry Applicatio S D McDowell	12,357.88
National Science Foundation:							

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47.076	E23172	R51290	24405	990538	DUE-9952621	NSF - Computer Graphics C Shene	3,263.18
National Science Foundation: Financial Manager:							
47.076	E23173	R51292	22071	990503	DGE-9979572-AMD 003	NSF - MTU Grad Teaching Fellows S A Sorby	101,670.23
National Science Foundation: Financial Manager:							
47.076	E23175	R51295	24405	990607	DUE-9952509	NSF - Concurrent Computing S M Carr	114,886.96
National Science Foundation: Financial Manager:							
47.076	E23176	R51297	24405	990607	DUE-9952509	NSF - Concurrent Computing S M Carr	5,700.00
National Science Foundation: Financial Manager:							
47.076	E23182	R51320	22071	990830	DUE-9953189 AMD 002	NSF-Engineering in Pre-College Ed S A Sorby	211,098.02
National Science Foundation: Financial Manager:							
47.076	E23189	R52003	24305	990503	DGE-9979572-AMD 003	NSF-GK-12 Supplement:Trvl-Malaysia B J Baartmans	400.00
National Science Foundation: Financial Manager:							
47.076	E23202	R52055	22817	990823	ESI-9911894-AMD 002	NSF - Teachers' Earth Sci Institute O F Otuonye	142,389.20
National Science Foundation: Financial Manager:							
47.076	E23203	R52056	22817	990823	ESI-9911894-AMD 002	NSF-Participant Cost-Earth Sci Inst O F Otuonye	47,958.67
National Science Foundation: Financial Manager:							
47.076	E23210	R52078	22405	000611	DUE-0088282	NSF-Op Lab/Simulation Ctr-Envir Eng D W Hand	54,426.22
National Science Foundation: Financial Manager:							
47.076	E23226	R51339	22071	990830	DUE-9953189 AMD 002	NSF-Eng Pre-College Participant Cst S A Sorby	2,652.00
National Science Foundation: Financial Manager:							
47.076	E23248	R52190	24405	010605	DUE-0127401	NSF-Integrate Computing w/Geometry C Shene	15,862.84
National Science Foundation: Financial Manager:							
47.076	E23249	R52192	22305	010604	DUE-0127025	NSF-Computer Instrumentation-Visual P Charlesworth	76,744.33
National Science Foundation: Financial Manager:							
47.076	E34313	S90297	24405	980116	CCR-9870871-AMD 003	MTU - Yi Qian Assistantship S M Carr	9,758.00
National Science Foundation: Financial Manager:							
47.076	E34370	S90347	22405	981123	DUE-9950506-AMD 001	MTU - Kateryna Lapina Assistantship K G Paterson	3,624.40
National Science Foundation: Financial Manager:							
							1,252,267.30
TOTAL FOR CFDA# 47.076							1,252,267.30

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National Science Foundation:							
47.078	E23157	R51255	22405	990234	OPP-9907197-AMD 004	NSF/RSI-Photochemical Transformation R E Honrath	138,914.96
National Science Foundation:							
47.078	E23159	R51257	22405	990434	OPP-9979497-AMD 001	NSF/RSI-Nitrogen Oxide Arctic Marin R E Honrath	24,926.71
National Science Foundation:							

							163,841.67

TOTAL FOR CFDA# 47.078							163,841.67
U S Environmental Protection Agency:							
66.469	E24238	R51273	22405	010222	GL-97560101-0	EPA - Development of SOLEC Land Use K L Bradof	34,483.83
U S Environmental Protection Agency:							

							34,483.83

TOTAL FOR CFDA# 66.469							34,483.83
U S Environmental Protection Agency:							
66.500	E24217	R51053	22555	961120	CR825697-01-3-AMD NO.3EPA-Design Guidance Air Sparging	J S Gierke	165.37
U S Environmental Protection Agency:							
66.500	E24218	R51054	22405	961120	CR825697-01-3-AMD NO.3EPA-Design Guidance Air Sparging	N J Hutzler	35,706.28
U S Environmental Protection Agency:							
66.500	E24222	R51125	23005	971021	CR826541-01-0	EPA-Below Ground Ecosystem Function K S Pregitzer	33.56
U S Environmental Protection Agency:							
66.500	E24223	R51128	22555	980115	CR826614-01-0	EPA - Environmental Remediation A S Mayer	54,551.10
U S Environmental Protection Agency:							
66.500	E24234	R51283	23005	980608	CR-82794001-AMD 1	EPA-Ecosystem Response to Climate D D Reed	38,384.56
U S Environmental Protection Agency:							
66.500	E34355	S90332	22555	980115	CR826614-01-0	MTU - Karen Endres Assistantship A S Mayer	4,878.99
U S Environmental Protection Agency:							

							133,719.86

TOTAL FOR CFDA# 66.500							133,719.86

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U S Environmental Protection Agency:							
66.501	E24208	R50964	22405	960238	R825370-01-4-AMD 4	EPA - CenCITT Subcontracts	
U S Environmental Protection Agency:						Financial Manager: J C Crittenden	31,749.24
66.501	E24209	R50965	22405	960238	R825370-01-4-AMD 4	EPA - CenCITT Administration	
U S Environmental Protection Agency:						Financial Manager: J C Crittenden	85,186.02
66.501	E24225	R51201	22405	960238	R825370-01-4-AMD4	EPA-Automated Linkages-P2 Software	
U S Environmental Protection Agency:						Financial Manager: D R Hokanson	29,168.88
66.501	E24226	R51202	22405	960238	R825370-01-4-AMD4	EPA-Prod of Methanol from Methane	
U S Environmental Protection Agency:						Financial Manager: D W Hand	0.00
66.501	E24227	R51203	22405	960238	R825370-01-4-AMD4	EPA-Indices for Green Chemical Prod	
U S Environmental Protection Agency:						Financial Manager: J R Mihelcic	8,516.45
66.501	E24229	R51205	22405	960238	R825370-01-4-AMD4	EPA-Implementation of P2 Framework	
U S Environmental Protection Agency:						Financial Manager: D W Hand	20,075.77
66.501	E24231	R51207	22205	960238	R825370-01-4-AMD4	EPA-Integrated Applications of CPAS	
U S Environmental Protection Agency:						Financial Manager: B A Barna	1,309.39
66.501	E24232	R51208	22205	960238	R825370-01-4-AMD4	EPA-Integrated Applications of CPAS	
U S Environmental Protection Agency:						Financial Manager: T N Rogers	570.13
66.501	E34352	S90329	22405	960238	R825370-01-4-AMD 4	MTU - Qiong Zhang Assistantship	
U S Environmental Protection Agency:						Financial Manager: D W Hand	2,746.87

							179,322.75

TOTAL FOR CFDA# 66.501							179,322.75
U S Environmental Protection Agency:							
66.504	E24794	R50932	22555	960241	R825405-01-3-AMD3	EPA-Investigation of Mass Transfer	
U S Environmental Protection Agency:						Financial Manager: A S Mayer	1,458.07-

							1,458.07-

TOTAL FOR CFDA# 66.504							1,458.07-

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U S Environmental Protection Agency:							
66.606	E24235	R51311	24805	970623	X-82591901-AMD 6	EPA - Compliance Assistance Center	10,301.16
U S Environmental Protection Agency:							10,301.16

							10,301.16

TOTAL FOR CFDA# 66.606							10,301.16
U S Environmental Protection Agency:							
66.951	E24237	R52023	22405	991118	NE-82852801-0	EPA-Watershed Planning & Management	16,096.12
U S Environmental Protection Agency:							16,096.12

							16,096.12

TOTAL FOR CFDA# 66.951							16,096.12
U S Dept of Energy:							
81.035	E21699	R52073	22817	990806	DE-FC26-01NT41055-AMD	USENE-Improvement of Wear Component	57,007.91
U S Dept of Energy:							57,007.91

							57,007.91

81.035	E21700	R52074	28305	990806	DE-FC26-01NT41055-AMD	USENE-Improvement of Wear Component	32,915.88
U S Dept of Energy:							32,915.88

							32,915.88

81.035	E21704	R52092	22817	990526	DE-FC2626-01NT41062-AMUSENE-	Comminution Circuit Thru-put	84,155.72
U S Dept of Energy:							84,155.72

							84,155.72

81.035	E21714	R52209	22217	990526	DE-FC2626-01NT41062-AMUSENE-	Comminution Circuit Thru-put	8,833.50
U S Dept of Energy:							8,833.50

							8,833.50

81.035	E34364	S90341	22817	990806	DE-FC26-01NT41055-AMD MTU -	Jinjing Luo Assistantship	4,878.99
U S Dept of Energy:							4,878.99

							4,878.99

81.035	E34376	S90353	22817	990806	DE-FC26-01NT41055-AMD MTU -	Yongqing Wang Assistantship	7,318.50
U S Dept of Energy:							7,318.50

							7,318.50

81.035	E34378	S90355	22217	990526	DE-FC2626-01NT41062-AMMTU -	Henry Walqui Assistantship	2,439.50
U S Dept of Energy:							2,439.50

							2,439.50

TOTAL FOR CFDA# 81.035							197,550.00

							197,550.00

The accompanying notes are an integral part of these financial statements.

CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Dept of Energy:							
81.049	E21661	R50686	24605	911034	DE-FG02-92ER14282-AMD	DOE-Struc Constraints/Metal Atoms & Financial Manager: D R Beck	43,576.31
U S Dept of Energy:							
81.049	E21674	R50842	23005	950413	DE-FG02-95ER62125-AMD	USENE-Forest Atmosphere Carbon Trsf Financial Manager: D F Karnosky	208,098.33
U S Dept of Energy:							
81.049	E21685	R51109	22205	971240	DE-FG07-98ER14862-AMD	USENE-Measurment & Model Hazardous Financial Manager: M E Mullins	15,369.62
U S Dept of Energy:							
81.049	E21706	R52142	23005	950413	DE-FG02-95ER62125-AMD	USENE-YEAR 1-Aspen FACE-FACTS II Financial Manager: D F Karnosky	370,789.72
U S Dept of Energy:							
81.049	E21707	R52143	23005	000603	DE-FG02-01ER15179-AMD	USENE-PBC/Reg Guaiacyl-YEAR 1 Financial Manager: V L Chiang	8,723.38
U S Dept of Energy:							
81.049	E21712	R52187	24605	911034	DE-FG02-92ER14282-AMD	DOE-Struc Constraints/Metal Atoms Financial Manager: D R Beck	22,807.95
U S Dept of Energy:							
81.049	E21719	R52220	23005	950413	DE-FG02-95ER62125-AMD	USENE-YEAR 2-Aspen FACE-FACTS II Financial Manager: D F Karnosky	347,912.14
U S Dept of Energy Fed Pass Thru:							
81.049	E28502	R80623	23005	940223	V51573/F000354 AMEND	8MICH1-RSI/Flux Carbon Plan Financial Manager: K S Pregitzer	71,499.22
U S Dept of Energy Fed Pass Thru:							
81.049	E28602	R40777	23005	961127	W/GEC 97-021A	UNIVE-RSI-Carbon and Energy Budget Financial Manager: J Chen	266.78
							1,089,043.45
TOTAL FOR CFDA# 81.049							1,089,043.45
U S Dept of Energy:							
81.086	E21690	R51154	22605	980716	DE-FC02-98CH10951-AMD	USENE-Grad Auto Tech Ed (GATE) Prgm Financial Manager: D L Abata	26,411.95
U S Dept of Energy:							
81.086	E21691	R51155	22817	980327	DE-FC07-98ID13663-AMD	USENE-Recycle/Reuse Aluminum Wastes Financial Manager: J Hwang	169,295.55
U S Dept of Energy:							
81.086	E21693	R51223	22605	980716	DE-FC02-98CH10951-AMD	USENE- GATE Program Fellowships Financial Manager: D L Abata	13,096.50

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 Research - Summary Expense by CFDA#
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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
81.086 U S Dept of Energy:	E21701	R52077	23005	000853	DE-FC36-01G010617-AMD Financial Manager: C Tsai	USENE-PBC/Genetic Augmentation	116,582.38
81.086 U S Dept of Energy:	E21702	R52080	23005	000853	DE-FC36-01G010617-AMD Financial Manager: V L Chiang	USENE-PBC/Genetic Augmentation	15,547.68
81.086 U S Dept of Energy:	E21705	R52111	22817	000910	DE-FC07-011D14046 Financial Manager: J Hwang	USENE-Steelmaking Slag Iron Content	298,853.18
81.086 U S Dept of Energy:	E21709	R52174	28305	010548	DE-FC07-011D14255 Financial Manager: M G McKimpson	USENE-Tubes-Production of Ethylene	75,148.63
81.086 U S Dept of Energy:	E21710	R52179	28305	010236	DE-FC07-011D14209-AMD Financial Manager: X Huang	USENE-Novel Direct Steel Making	118,657.44
81.086 U S Dept of Energy:	E21711	R52182	22805	010236	DE-FC07-011D14209-AMD Financial Manager: J Hwang	USENE-Novel Direct Steel Making	16,725.81
81.086 U S Dept of Energy:	E21715	R52216	22605	010538	DE-FC26-02NT41443 Financial Manager: D L Abata	USENE-Ignition Improvement-Lean Gas	3,819.20
81.086 U S Dept of Energy:	E21716	R52217	22205	010538	DE-FC26-02NT41443 Financial Manager: J M Keith	USENE-Ignition Improvement-Lean Gas	14,799.87
81.086 U S Dept of Energy:	E34303	S90276	28305	980327	DE-FC07-98ID13663-AMD Financial Manager: J Hwang	MTU - Hee-Joon Jeon Assistantship	14,944.33
81.086 U S Dept of Energy:	E34332	S90308	22817	980327	DE-FC07-98ID13663-AMD Financial Manager: J Hwang	MTU - Jinjing Luo Assistantship	12,776.98
							896,659.50
TOTAL FOR CFDA# 81.086							896,659.50
U S Dept of Energy:							
81.087 U S Dept of Energy:	E21694	R51242	28305	990132	DE-FC36-99G010440-AMD Financial Manager: X Huang	USENE-High Impact Rock Drill Bits	512.39-
81.087 U S Dept of Energy:	E21695	R51284	22817	990132	DE-FC36-99G010440-AMD Financial Manager: R Gertsch	USENE-High Impact Rock Drill Bits	2.36
81.087 U S Dept of Energy Fed Pass Thru:	E25417	R40808	23005	990515	AGR # OR22072-121 Financial Manager: C Tsai	CONSO-PBC-Design Promoter for Preci	20,632.25

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
81.087	E25418	R40809	23005	990515	AGR # OR22072-121	CONSO-PBC-Design Promoter for Preci	12,117.96
U S Dept of Energy Fed Pass Thru:							32,240.18

							32,240.18

TOTAL FOR CFDA# 81.087							32,240.18
U S Dept of Energy:							
81.089	E21713	R52191	22555	010331	DE-FC26-01BC15165	USENE-Calibration/Test Sonic Stimul	26,738.08
U S Dept of Energy:							26,738.08

							26,738.08

TOTAL FOR CFDA# 81.089							26,738.08
U S Dept of Energy:							
81.107	E21696	R51307	22555	990520	DE-FC26-00BC15122-AMD	USENE-YR1/YR2-Shallow Carbon Rsvr.	248,114.31
U S Dept of Energy:							248,114.31

							248,114.31

TOTAL FOR CFDA# 81.107							468,073.32
U S Dept of Energy:							
81.107	E21708	R52145	22555	990520	DE-FC26-00BC15122-AMD	USENE-YR3/YR4-Shallow Carbon Rsvr.	219,959.01
U S Dept of Energy:							219,959.01

							468,073.32

TOTAL FOR CFDA# 81.107							468,073.32
Federal Emergency Management Agency							
83.548	E27336	R82018	22405	010519	FEMA-1346-DR-MI	MIPOL-Devel Composite Shear Wall	31,287.76
Federal Emergency Management Agency							31,287.76

							31,287.76

TOTAL FOR CFDA# 83.548							31,287.76
Dept of Education:							
84.200	E24878	R51327	22405	991003	P200A000425-02 ACTION	USEDU-YEAR 1 GAANN:Env Engg Fellows	39,989.42
Dept of Education:							39,989.42

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 Research - Summary Expense by CFDA#
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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
84.200 Dept of Education:	E24879	R51328	22555	991001	P200A000420-02 ACTION Financial Manager:	USEDU-YEAR 1 GAANN:Geology Fellows A S Mayer	14,217.43
84.200 Dept of Education:	E24881	R52119	22405	991003	P200A000425-02 ACTION Financial Manager:	USEDU-YEAR 2 GAANN:Env Engg Fellows J C Crittenden	120,581.23
84.200 Dept of Education:	E24882	R52121	22555	991001	P200A000420-02 ACTION Financial Manager:	USEDU-YEAR 2 GAANN:Geology Fellows A S Mayer	147,780.27
84.200 Dept of Education:	E24883	R52123	22605	001233	P200A010413-02-ACTION Financial Manager:	USEDU-YEAR1 GAANN:Engine Fellowship D L Abata	90,732.61
							413,300.96
						TOTAL FOR CFDA# 84.200	413,300.96
National Institute of Health:							
93.262 National Institute of Health:	E22427	R51229	24105	980609	R01/CCR515831-01-2 Financial Manager:	NIH-Impact Low-Emission Diesel Eng S T Bagley	726.83
93.262 National Institute of Health:	E22428	R51230	22605	980609	R01/CCR515831-01-2 Financial Manager:	NIH-Impact Low-Emission Diesel Eng	182.10
							908.93
						TOTAL FOR CFDA# 93.262	908.93
National Institute of Health:							
93.390 National Institute of Health:	E22429	R52166	28905	000830	1 R15 HL67787-01 Financial Manager:	NIH-Gender & Orthostatic Tolerances W H Cooke	67,042.70
							67,042.70
						TOTAL FOR CFDA# 93.390	67,042.70
						GRAND TOTAL FOR CFDA's	10,850,775.77

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Pass Through Grants and Contracts
 Expense Summary
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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
Federal Highway Admin Fed Pass thru							
	E26988	R22008	22405	001141	JOB# 549510/01-MTU-1	MITRA-TC Devel Length of Stainless	
Federal Highway Admin Fed Pass thru					Financial Manager:	T M Ahlborn	20,497.27
	E26994	R22012	28605	001252	#55714/01-MTU-3	MITRA-Field Performance of Polymer	
Federal Highway Admin Fed Pass thru					Financial Manager:	R G Alger	19,678.27
	E26995	R22011	22405	000905	JOB # 55717/01-MTU-4	MITRA-TC-Center for Structural Dura	
Federal Highway Admin Fed Pass thru					Financial Manager:	T M Ahlborn	22,955.26
	E26996	R22010	22405	001226	JOB # 55715/01-MTU-6	MITRA-TC-Comparison of MDOT Schedu	
Federal Highway Admin Fed Pass thru					Financial Manager:	K G Mattila	20,070.87
	E26997	R22009	22405	001225	JOB # 55716 01-MTU-5	MITRA-TC-Work Item Production Rates	
Federal Highway Admin Fed Pass thru					Financial Manager:	K G Mattila	20,857.60
	E27069	R22003	28605	000828	54632/579930	MITRA-Vehicle/Road Surface Noise	
Federal Highway Admin Fed Pass thru					Financial Manager:	J R Blough	57,342.55

							161,401.82

						TOTAL FOR R2 FUNDS	161,401.82
U S Air Force Fed Pass Thru:							
	E26982	R31500	22505	000534	SC-TEMPEST1-00-0001	MISSI-Develop Advanced Tracking & A	
U S Air Force Fed Pass Thru:					Financial Manager:	M C Roggemann	24,948.09

							24,948.09
U S Tank Automotive Command Fed Pas							
	E28716	R32071	28605	001147	PO # PT16366-05	UDLPS-T158LL Bushing Insertion and	
U S Tank Automotive Command Fed Pas					Financial Manager:	G R Simula	13,195.25

							13,195.25
						TOTAL FOR R3 FUNDS	38,143.34

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
Dept of Defense Fed Pass Thru:							
	E25323	R42039	24405	010334	PO-YU406429	COMP A-Ref Implement Univ Parallel C Financial Manager: S R Seidel	46,403.77
Dept of Defense Fed Pass Thru:							
	E26730	R40762	28305	990511	PO # PL00100942	1-3 ANConfidential Research Agreement Financial Manager: M G McKimpson	15,817.03
Dept of Defense Fed Pass Thru:							
	E26736	R40813	28305	990511	PO # PL00100942	1-3 ANConfidential Research Agreement Financial Manager: M G McKimpson	27,712.34
Dept of Defense Fed Pass Thru:							
	E27800	R42038	22705	000509	PO # F819741	PRATT-Accelerated Insertion of Mate Financial Manager: W W Milligan	119,738.24
Dept of Defense Fed Pass Thru:							
	E28410	R42078	28905	020401	TAI-02-0325	THEM-3 D Voxel-Base Bio-Ht Tnsfr Cd Financial Manager: D A Nelson	13,173.12

							222,844.50
Dept of Fish & Wildlife Fed Pass:							
	E26949	R42001	23005	990110P3	AMENDMENT 149-01	MINAT-The Gray Wolf in Michigan Financial Manager: R O Peterson	194.09
Dept of Fish & Wildlife Fed Pass:							
	E27650	R42074	23005	990110P5	149-02	MINAT-2002- Gray Wolf in Michigan Financial Manager: R O Peterson	61,782.02

							61,976.11
Dept of Transportation Fed Pass:							
	E27084	R40745	22405	990123	47962/54915/548600/99-MITRA-TC/99	Study of Materials - Re Financial Manager: T J Van Dam	11,124.44
Dept of Transportation Fed Pass:							
	E27197	R42041	22405	990123	47962/54915/548600/99-MITRA-ADD'L TC/99	Stdy Materials Financial Manager: T J Van Dam	9,028.10
Dept of Transportation Fed Pass:							
	E26888	R42015	22405	860130P28	JOB# 55450/55449/55451MTRA -TC-2001	LTAP Financial Manager: T L McNinch	152,353.40
Dept of Transportation Fed Pass:							
	E26989	R42013	22405	990512P3	JOB # 54581 01-MTU-03	MITRA-TC-Development of Intensity Financial Manager: D W Watkins	23,730.41
Dept of Transportation Fed Pass:							
	E27509	R40790	22405	990429	HR 18-04B	NATIO-TC-Durability of Early-Openin Financial Manager: T J Van Dam	181,044.07

							377,280.42

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
Federal Highway Admin Fed Pass thru							
	E27239	R42025	22405	970348P5	JOB # 55448	MITRA-TC MDOT 2001 CD MERL	
Federal Highway Admin Fed Pass thru				Financial Manager:		T L McNinch	27,990.37
	E27152	R42004	22405	971033P5	JOB # 54986	MITRA-TC-2001 MDOT Video Production	
Federal Highway Admin Fed Pass thru				Financial Manager:		T L McNinch	34,437.77
	E27247	R42058	22405	010926	JOB # 59007	MITRA-TC 2002 Video Prod	
Federal Highway Admin Fed Pass thru				Financial Manager:		T L McNinch	85,371.37
	E26998	R42012	22405	000527P2	40617C	MITRA-TC-01 Michigan Crash Location	
Federal Highway Admin Fed Pass thru				Financial Manager:		T L McNinch	70,756.28
	E26889	R42023	22405	010117	JOB # 54950/01-MTU-9-1	MITRA-TC Invest Bridge Design Loads	
Federal Highway Admin Fed Pass thru				Financial Manager:		J W van de Lindt	8,250.86
	E26897	R42033	25005	010339	56708 01-MTU-10	MITRA-TC-Mineral Charac & Catalog	
Federal Highway Admin Fed Pass thru				Financial Manager:		L L Sutter	38,340.92
	E26991	R42019	22405	980524P3	JOB # 549150/01-MTU-2	MITRA-TC-YR 3 Transr Matls Rrch	
Federal Highway Admin Fed Pass thru				Financial Manager:		G R Dewey	39,406.05
	E26993	R42017	22405	000349P2	JOB # 549570/00-MTU-5	MITRA-TC Phase II Spec for Hot Mix	
Federal Highway Admin Fed Pass thru				Financial Manager:		R C Williams	72,346.25
	E27178	R40787	22405	000314	JOB #513280	MITRA-TC-Analysis Bituminous Pvmnt	
Federal Highway Admin Fed Pass thru				Financial Manager:		G R Dewey	34,275.95
	E27179	R40788	22605	000314	JOB #513280	MITRA-TC-Analysis Bituminous Pvmnt	
Federal Highway Admin Fed Pass thru				Financial Manager:		G Subhash	7,077.74-
	E27241	R42026	22405	961034P6	JOB# 54915/01-MTU-7	MITRA-TC-2001 MDOT Research Record	
Federal Highway Admin Fed Pass thru				Financial Manager:		T L McNinch	8,565.24
	E27244	R42054	25005	010339P2	JOB# 56708/01-MTU-10	MITRA-TC-Min Char/Catalog	
Federal Highway Admin Fed Pass thru				Financial Manager:		L L Sutter	55,578.21
	E27245	R42056	22405	980524P4	JOB # 567820 02-MTU-1	MITRA-TC-Cost Shr Trans Matls Rsrch	
Federal Highway Admin Fed Pass thru				Financial Manager:		T D Van Dam	65,290.42
	E27246	R42057	22405	980524P4	JOB # 567820 02-MTU-1	MITRA-TC-Sponsor Trans Matls Rsrch	
Federal Highway Admin Fed Pass thru				Financial Manager:		T D Van Dam	56,999.82
	E27259	R42061	22405	011042	JOB# 56789/02-MTU-3	MITRA-TC-2002 MDOT Research Record	
Federal Highway Admin Fed Pass thru				Financial Manager:		T L McNinch	18,794.95

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
	E27289	R40799	22405	000631	JOB # 513330	00-MTU-6MITRA-TC-Synthesis & Review of Su Federal Highway Admin Fed Pass thru Financial Manager: R C Williams	10,196.99
	E27311	R42022	22405	001142	JOB # 54953/01-MTU-8	MITRA-TC Causes/Cures of Bridge Federal Highway Admin Fed Pass thru Financial Manager: T M Ahlborn	25,147.50
	E27350	R42048	22405	000905P2	JOB # 567830	02-MTU-2 MITRA-TC-Cntr Structural Durability Federal Highway Admin Fed Pass thru Financial Manager: T M Ahlborn	33,069.08
	E27365	R42050	22405	001142P2	JOB # 56872/01-MTU-8-1	MITRA-TC-Causes/Cures PC Bridge Federal Highway Admin Fed Pass thru Financial Manager: T M Ahlborn	24,743.38
	E27369	R42049	22405	001141P2	JOB# 568160/01-MTU-1-1	MITRA-TC-Dev Length Stainless Federal Highway Admin Fed Pass thru Financial Manager: T M Ahlborn	19,139.00
	E27370	R42053	22405	990123P3	JOB# 548600/99-MTU-3-3	MITRA-TC-Stdy Matl Distres Federal Highway Admin Fed Pass thru Financial Manager: T J Van Dam	41,834.24
	E27451	R42052	22405	001226P2	JOB# 567900/01-MTU-6-1	MITRA-TC-Comp MDOT Schedules Federal Highway Admin Fed Pass thru Financial Manager: K G Mattila	41,175.30
	E27493	R42064	22405	000314P2	590470/00-MTU-4-2	MITRA-TC-Ana Bit Pymnt Srfce Federal Highway Admin Fed Pass thru Financial Manager: G R Dewey	5,145.09
	E27495	R42073	22405	010117P2	JOB # 568150/01-MTU-9-1	MITRA-TC-Invest Adequacy Bdrge Dsgn Federal Highway Admin Fed Pass thru Financial Manager: J W van de Lindt	21,065.31
	E27496	R42065	22605	000314P2	590470/00-MTU-4-2	MITRA-TC-Ana Bit Pymnt Srfce Federal Highway Admin Fed Pass thru Financial Manager: G Subhash	17,031.16
	E27508	R42051	22405	001225P2	JOB # 567910/01-MTU-5-1	MITRA-TC-Wrk Item Prod Rates Federal Highway Admin Fed Pass thru Financial Manager: K G Mattila	36,718.58
	E27651	R42075	22405	000349P3	JOB # 568080/00-MTU5-2	MITRA-Dev Lab Per Test Proc/Trials Federal Highway Admin Fed Pass thru Financial Manager: R C Williams	99,034.97
	E27655	R42079	22405	020233	02-MTU-5/59959	MITRA-TC-Causes/Cures Crck Bdrge Federal Highway Admin Fed Pass thru Financial Manager: T J Van Dam	2,005.11
	E26992	R42018	22405	961012P5	JOB # 55780	MITRA-TC 2001 Roadsoft Federal Highway Admin Fed Pass thru Financial Manager: T L McNinch	321,637.96
	E27272	R42070	22405	961012P6	JOB # 59326	MITRA-TC-2002 Roadsoft Federal Highway Admin Fed Pass thru Financial Manager: T L McNinch	262,723.08

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
Federal Highway Admin	E27492	R42066	22405	860130P29	59323,59324,59325	MITRA-TC-2002 LTAP Financial Manager: T L McNinch	182,066.93
Federal Highway Admin	E27253	R42071	22405	020112	JOB # 59048	MITRA-RSI-Dev Rainfall Intensity MI Financial Manager: D W Watkins	6,400.00
Federal Highway Admin	E27199	R42044	22405	010819	JOB # 57784A	MITRA-802P Maintenance 2001 Financial Manager: T L McNinch	11,322.00
Federal Highway Admin	E27491	R42069	28605	010105	JOB # JN56836	MITRA-Log Truck Security Study Financial Manager: C A Green	46,771.85
Federal Highway Admin	E27494	R42067	22405	010105	JOB # JN56836	MITRA-TC-Log Truck Security Study Financial Manager: T L McNinch	3,005.58
Federal Highway Admin	E27652	R42077	22405	020329	JOB # 56886-2	MITRA-TC-Optim Cost/Perf Sign Struc Financial Manager: T M Ahlborn	22,815.38

							1,842,375.21
NASA Fed Pass Thru:							
NASA Fed Pass Thru:	E25208	R42003	24605	000706	PO# 00DLB10072	BALLA-RSI-Terrestrial Planet Finder Financial Manager: C Ftacfas	3,507.10
NASA Fed Pass Thru:	E26662	R40783	22555	990223	CONTRACT # 1212354	JETPR-Volcanic Hazard Products for Financial Manager: G J Bluth	42,124.62
NASA Fed Pass Thru:	E26663	R42060	24605	010912	CONTRACT # 1234467	JETPR-Coronagraph Testbed Metrology Financial Manager: C Ftacfas	26,203.00
NASA Fed Pass Thru:	E27970	R42000	24605	000638	PO # 083495 ITEM 6 & 7	RAYTH-Support to Hubble Space Teles Financial Manager: C Ftacfas	5,160.27

							76,994.99
U S Air Force Fed Pass Thru:							
U S Air Force Fed Pass Thru:	E26652	R42072	28305	011122	SUB CONTRAT # 8201-167JOHNS	Mech Alloy'g Oxide Dispersion Financial Manager: M G McKimpson	14,200.68
U S Air Force Fed Pass Thru:	E26726	R42037	22505	010528	AGREEMENT # 5/21/01	KESTR-Wave Front Sens Analy Phs II Financial Manager: M C Roggemann	10,301.22

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MICHIGAN TECHNOLOGICAL UNIVERSITY
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 Expense Summary
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Air Force Fed Pass Thru:	E26966	R40773	22505	991012	SC-1521-99-0001	MISSI-Innovative Wave Front Control Financial Manager: M C Roggemann	35,121.52
U S Air Force Fed Pass Thru:	E28365	R42036	22505	010220	SUB S20027 SUB PRJ 564TREXE	Wavefront Sensing for High Financial Manager: M C Roggemann	22,435.57
							82,058.99
U S Army Fed Pass Thru:	E28735	R42076	28605	020302	PO # PT16837-00	UNITE-T130E1 Long Bushing Tests Financial Manager: J Meldrum	929.54
U S Army Fed Pass Thru:	E28611	R40805	22605	000710	109G421 MOD # 1	UNIVE-Th/3JJ MTU Eng Rsch Financial Manager: J H Johnson	105,244.31
U S Army Fed Pass Thru:	E28706	R40804	22605	000710	109G421 MOD # 1	UNIVE-Thrst 2 MTU Eng Rsch Financial Manager: J H Johnson	44,698.99
U S Army Fed Pass Thru:	E28707	R40803	22605	000710	109G421 MOD # 1	UNIVE-Thrst 1 MTU Eng Rsch Financial Manager: C L Anderson	48,018.41
U S Army Fed Pass Thru:	E28734	R40810	24105	000710	109G421 MOD # 1	UNIVE-Thrs/3SB Ch Eng Rsch Financial Manager: S T Bagley	17,077.55
U S Army Fed Pass Thru:	E28737	R40811	24105	000710	109G421 MOD # 1	UNIVE-Ths/3SB Bio Eng Rsch Financial Manager: S T Bagley	44,299.61
							260,268.41
U S Army Research Office Fed Pass:	E25831	R40789	22505	000243	PO #H7003258/H7004940	E0IRM-Mine-Detection Algorithms Financial Manager: T J Schulz	27,135.25
							27,135.25
U S Dept of Agriculture Fed Pass:	E26970	R42005	23005	990826P2	AGREEMENT # 61-4091B	MICHI-Structural Flakeboard from Mi Financial Manager: L M Matuana	1,922.11
U S Dept of Agriculture Fed Pass:	E27596	R42031	23005	000511	SERVICE AGREEMENT # SONORTH	Utilization of Red Maple Financial Manager: P E Laks	13,889.17

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
	E27198	R42043	23005	010617	1637-187-6456-7901	MINNE-Study Locate Decayed Timber	
U S Dept of Agriculture Fed Pass:				Financial Manager:	J R Erickson		2,674.65
							18,485.93
U S Dept of Energy Fed Pass Thru:							
	E25631	R40774	22605	981029	PO # 41855 MOD 2	DETRO-Low Emissions After Treatment	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	J H Johnson		218,597.62
	E26032	R40759	24605	990412	PO 521464	FIRMI-RSI Auger Observatory Souther	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	D F Nitz		69,493.61
	E26458	R42007	28305	000353	PO# 222976	HUNTI-Transient Liquid Phase of ODS	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	M G McKimpson		107,975.00
	E28151	R42029	22605	991133	PO # 2854	SANDI-Shp Crn Model/Cntrl	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	G G Parker		127,634.23
	E28444	R42062	22205	010338	DE-FG02-00ER31112-MTU0TOUCH-Fuel Cell Elect & Batteries		
U S Dept of Energy Fed Pass Thru:				Financial Manager:	T N Rogers		75,328.49
	E25425	R42046	22705	000331	OF-00544 MOD 0002	UNIVE-Struct Character Battery Mat	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	S A Hackney		655.26
	E28451	R40801	24605	000523	OF-01144	UNIVE-Metreorological QA and Subway	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	L R Coke		30,785.83
	E28586	R40792	22705	000331	OF-00544 MOD 0002	UNIVE-Structural Characterization	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	S A Hackney		23,740.19
	E27861	R42030	22505	010312	SUB CONTRACT # B517090	UNIVE-Excited Electronic States In	
U S Dept of Energy Fed Pass Thru:				Financial Manager:	W F Perger		13,726.47
							667,936.70
U S Enviromental Prot Agcy Fed Pass							
	E25209	R42042	24805	010401	408379-B-J4	BATTE-Comp1 Assist Cntr Chem Indsty	
U S Enviromental Prot Agcy Fed Pass				Financial Manager:	B D Solomon		27,407.91
							27,407.91

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Marine Corps Fed Pass Thru:							
	E25026	R40797	28605	000202	SUBCONTRACT# 00-0001	PADVAN-Devel & Implentation	
U S Marine Corps Fed Pass Thru:						Financial Manager: J Meldrum	1,438.06
							1,438.06
U S Navy Fed Pass Thru:							
	E25454	R42034	28605	010333	PO # 010300493	CONCU-AAAV Cntr Guide & Sprock	
U S Navy Fed Pass Thru:						Financial Manager: G R Simula	10,411.98
	E25455	R42035	28605	010430	PO # 010500122	CONCU-TI 6A1-4V Trck Pin Fatig Test	
U S Navy Fed Pass Thru:						Financial Manager: G R Simula	5,608.81
							16,020.79
U S Tank Automotive Command Fed Pas							
	E25022	R42080	28605	020406	CO # 020406/PO#0405020	ADVAN-Dolly Set MWO/Engineer Draw	
U S Tank Automotive Command Fed Pas						Financial Manager: S A Bradley	5,450.00
	E25390	R42016	28605	010118	PO # 010100245	CONCU-T158LL Track System Improve	
U S Tank Automotive Command Fed Pas						Financial Manager: G R Simula	11,999.74
	E25793	R42024	28605	000803	PO # 8809-2027	PHASE IDYNAM-ightwght Durable Titan Trks	
U S Tank Automotive Command Fed Pas						Financial Manager: J Meldrum	1,263.02
	E26238	R42011	28605	000908	PO# MET 001808	MODS 1-GENER-Engin Support GDLS	
U S Tank Automotive Command Fed Pas						Financial Manager: S A Bradley	158,121.01
	E25031	R40712	28605	980140	87523/87679/88884/9136	ADVAN-Co-Development Prgm	
U S Tank Automotive Command Fed Pas						Financial Manager: J Meldrum	132,960.95
	E27529	R42082	28605	020128	SUBCONTRACT # 59091	MATER-Dura Improv Lghtwtght GHT Trk	
U S Tank Automotive Command Fed Pas						Financial Manager: S A Bradley	10,815.43
	E28411	R42028	28605	010211	PO # TAI-01-0326/MOD	OTHERM-Vehicle Design	
U S Tank Automotive Command Fed Pas						Financial Manager: J Meldrum	500,314.91
	E28425	R42085	28605	020634	TAI-02-0621/E10161	THERM-CUBI Test Unit	
U S Tank Automotive Command Fed Pas						Financial Manager: C F Hughes	4,272.12
	E28439	R42032	28605	010306	PO # 4600010975	TRWSY-Transport Vehicle Protection	
U S Tank Automotive Command Fed Pas						Financial Manager: J Meldrum	228,722.00

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
U S Tank Automotive Command Fed Pas	E28440	R40798	28605	000618	PO # 4600009561 Financial Manager:	MOD #1TRWSY-Tactical Vehicle Protection G R Simula	7,993.17
U S Tank Automotive Command Fed Pas	E28441	R42006	28605	000936	PO # 4600011809 Financial Manager:	TRWSY-Survivability Tech J Meldrum	249,430.08
U S Tank Automotive Command Fed Pas	E28565	R42020	28605	001239	PT16402-00 Financial Manager:	UNITE-T107 Bushing Endurance G R Simula	13,935.39
U S Tank Automotive Command Fed Pas	E28442	R42081	28605	020501	PO # PT16913-00 Financial Manager:	UNITE-MI Carrier Design J Meldrum	19,116.72
U S Tank Automotive Command Fed Pas	E28950	R42083	28605	020532	PT 16979-00 Financial Manager:	UNITE-MI Track Vib Surv Yuma 2002 J R Blough	59,832.26
							1,404,226.80
TOTAL FOR R4 FUNDS							5,086,450.07
U S Enviromental Prot Agcy Fed Pass							
U S Enviromental Prot Agcy Fed Pass	E27511	R70552	22405	980236	AGREEMENT # 98-08H Financial Manager:	NEETF-A Safe Water First Approach K L Bradof	1,651.41
							1,651.41
TOTAL FOR R7 FUNDS							1,651.41
NASA Fed Pass Thru:							
NASA Fed Pass Thru:	E27541	R82039	22605	011209	CHECK # 655990 Financial Manager:	UNIVE-Stdy Magneitc Fld Interaction L B King	1,572.30
NASA Fed Pass Thru:	E27543	R82041	22205	011201	CHECK # 655990 Financial Manager:	UNIVE0-Web Instrution for Engineers J M Keith	600.00
NASA Fed Pass Thru:	E28185	R82009	22575	001208	CHECK # 465763 Financial Manager:	UNIVE-Rout Process of Terr & Therm I M Watson	6,489.58
NASA Fed Pass Thru:	E28186	R82010	24105	001214	CHECK # 465763 Financial Manager:	UNIVE-Muscle Plas DuringIncreased E R Blough	2,241.61

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
NASA Fed Pass Thru:	E28180	R82013	22605	010217	07600-071	UNIVE-Prop Cntrl of Space L B King	67,852.05
							78,755.54
NOAA Fed Pass Thru:	E27649	R82047	22555	000417P2	AWARD DATED 6/18/02	UNIVE-Gt Lakes Photosynthetic Rates Financial Manager: J W Budd	9,759.21
NOAA Fed Pass Thru:	E28446	R82007	22555	000417	PO # 3000229916	UNIVE-Great Lakes Photosynthetic Ra Financial Manager: J W Budd	56,619.49
							66,378.70
National Science Foundation Fed Pas	E25803	R82020	29205	020431	020431	EDUCA-NSF Middleware Init (NMI) Web Financial Manager: A West	340.00
National Science Foundation Fed Pas	E28708	R80715	22005	990816	SUBCONTRACT # F004025	UNIVE- WIMS Educ Tsk Sps Act Financial Manager: R O Warrington	47,678.11
National Science Foundation Fed Pas	E28709	R80716	22005	990816	SUBCONTRACT # F004025	UNIVE- Educ Task C/S Acct Financial Manager: R O Warrington	35,788.74
National Science Foundation Fed Pas	E28710	R80717	22005	990816	SUBCONTRACT # F004025	UNIVE-WIMS Mcr Tk Sprr Acc Financial Manager: R O Warrington	187,456.49
National Science Foundation Fed Pas	E28711	R80718	22005	990816	SUBCONTRACT # F004025	UNIVE-WIMS Micrpck Tsk C/S Financial Manager: R O Warrington	17,293.97
National Science Foundation Fed Pas	E28712	R80719	22005	990816	SUBCONTRACT # F004025	UNIVE-Sensors Tsk Spnsr Act Financial Manager: R O Warrington	231,784.71
National Science Foundation Fed Pas	E28713	R80720	22005	990816	SUBCONTRACT # F004025	UNIVE-WIMS Sensors Tsk C/S Financial Manager: R O Warrington	81,296.11
National Science Foundation Fed Pas	E28717	R80721	22005	990816	SUBCONTRACT # F004025	UNIVE-WIMS Spns Adminis Account Financial Manager: R O Warrington	57,880.82
National Science Foundation Fed Pas	E28738	R80735	22005	990816	SUBCONTRACT # F004025	UNIVE-WIMS Admin Cost Share Financial Manager: R O Warrington	12,625.65

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CFDA#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
	E28584	R80693	22605	000232	AGREEMENT # 420-20-44	UNIVE-Exploration of Novel Avenues	
National Science Foundation Fed Pas				Financial Manager:	G Subhash		1,698.78
	E28428	R82045	22575	020603	ADVANCE ACCOUNT	UNIVE-ADV ACCT-Tch Erth Scnce Inst	
National Science Foundation Fed Pas				Financial Manager:	R E Tieder		3,566.75
							677,410.13
U S Air Force Fed Pass Thru:							
	E28546	R80603	22705	960224	SA1541-22500PG AMD 5	UNIVE-AFOSR URI High Cycle Fatigue	
U S Air Force Fed Pass Thru:				Financial Manager:	W W Milligan		16,964.97
	E28547	R80608	22605	960224	SA1541-22500PG AMD 5	UNIVE-AFOSR URI High Cycle Fatigue	
U S Air Force Fed Pass Thru:				Financial Manager:	E C Aifantis		28,502.30
	E27539	R82019	22505	010801	8-91602-7812/PO # 8880	UNIVE-Adv Concepts Grnd Base Imag	
U S Air Force Fed Pass Thru:				Financial Manager:	M C Roggemann		4,421.15
							49,888.42
							872,432.79
						TOTAL FOR R8 FUNDS	
National Science Foundation Fed Pas							
	E34348	S90325	22005	990816	SUBCONTRACT # F004025	MTU - ADV ACCT-Yumei Zhan Assist	
National Science Foundation Fed Pas				Financial Manager:	C R Friedrich		15,415.16
							15,415.16
U S Air Force Fed Pass Thru:							
	E34319	S90292	22505	000534	SC-TEMPEST1-00-0001	MTU - Yanchai Zhang Assistantship	
U S Air Force Fed Pass Thru:				Financial Manager:	M C Roggemann		12,504.83
	E34306	S90280	22705	960224	SA1541-22500PG AMD 5	MTU - Amit Shyam Assistantship	
U S Air Force Fed Pass Thru:				Financial Manager:	W W Milligan		8,438.83
							20,943.66
						TOTAL FOR S9 FUNDS	36,358.82
						GRAND TOTAL	6,196,438.25

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 Summary Expense by Agency
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CFDA#	Index	Orgn	Fund	Proposal#	Contract #	Fund Title	Amount
Federal Aviation Administration							
	E24759	R52221	28605	020309	DTFA0302P10212	FAA-Elastometric Anti-Icing Overlay	
Federal Aviation Administration					Financial Manager:	R G Alger	50,581.14
	Total for						50,581.14
Federal Highway Administration:							
	E24809	R10724	22405	960720	DTFH61-96-C-00073-MOD	FHWA-TC/MtIs Related Distress	
Federal Highway Administration:					Financial Manager:	T J Van Dam	105.05
	E24817	R51182	22405	981115	DTFH61-99-X-00011-AMD	USTRA-Tribal Technical Assist Prgm	
Federal Highway Administration:					Financial Manager:	B D Alkire	267,990.53
	Total for						268,095.58
NASA							
NASA	E24402	R51019	24605	960919	NAG5-6310-SUPPL 0006	NASA-RSI/Linear Adaptive Mirror	
NASA					Financial Manager:	C Ftacfas	11,022.96
NASA	E24408	R51070	22605	970920	NAG3-2088-SUPPLEMENT	NNASA-Gas Turbine Combustor Concepts	
NASA					Financial Manager:	S Yang	55,305.85
NASA	E24409	R51085	22705	970305	NAG8-1478-SUPPLEMENT	ONASA-Gravity Induced Settling	
NASA					Financial Manager:	T H Courtney	21,371.80
NASA	E24410	R51086	24605	950401B	NAG5-7051-SUPPL 0005	NASA-L Superior Ice Field Measureme	
NASA					Financial Manager:	A N Pilant	8,335.96
NASA	E24412	R51117	22555	980202	NAG5-7272-SUPPL 0004	NASA-RSI/Volcanic Plume Analysis	
NASA					Financial Manager:	W I Rose	56,840.53
NASA	E24413	R51129	22555	971129	NAG5-7576-SUPPL 0004	NASA-RSI/Volcanic Hazard Mitigation	
NASA					Financial Manager:	G J Bluth	72,058.13
NASA	E24416	R51285	24405	990904	NAG5-8796-SUPPL 0005	NASA-CSE/Earth & Space Sciences	
NASA					Financial Manager:	P R Merkey	245,695.07
NASA	E24417	R51325	24605	000556	NAG5-5278-SUPPLEMENT	INASA-RSI/Early Optical Light Curves	
NASA					Financial Manager:	R J Nemiroff	30,369.69
NASA	E24418	R51338	22705	970305	NAG8-1478-SUPPLEMENT	ONASA - Gravity Induced Settling	
NASA					Financial Manager:	T H Courtney	60,257.51
NASA	E24419	R52087	24605	000724	NAG5-10568-SUPPLEMENT	NASA-RSI/Lab Studies Ice Nucleation	
NASA					Financial Manager:	R A Shaw	37,044.22

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CFDA#	Index	Orgn	Fund	Proposal#	Contract #	Fund Title	Amount
NASA	E24420	R52139	22555	001130	NAG5-11062-SUPPL 0002	NASA-Validation of TOMS Vol Aerosol Financial Manager: G J Bluth	55,487.78
NASA	E24421	R52214	22605	970920P1	NAG3-2759	NASA-Study of Gas-Turbine Combustor Financial Manager: S Yang	32,124.02
NASA	E34075	S90230	22555	980142	NGT5-76-SUPPLEMENT 000	NASA-Colleen Riley Fellowship Financial Manager: G J Bluth	1,333.42
NASA	E34328	S90303	24605	960919	NAG5-6310-SUPPL 0006	MTU - Weidong Yang Assistantship Financial Manager: C Ftaclas	2,288.00
Total for							689,534.94
National Park Service:							
National Park Service:	E22725	R51118	23005	980322	1443CA682098001-MOD 3	USPAR/Wolf Ecology-Voyageurs Nat'l Financial Manager: R O Peterson	16,638.05
National Park Service:	E22726	R51122	23005	980422	1443CA682098001-MOD 4	USPAR-Gray Wolf Mgmt-Pictured Rocks Financial Manager: R O Peterson	29,994.51
National Park Service:	E22731	R51291	23005	960912	1443CA631096001-MOD 1,	USPAR-Geographic Information System Financial Manager: M D Hyslop	1,162.17
National Park Service:	E22733	R52004	23005	000561	1143CA631095004-MOD 00	USPAR-Moose Browsing/Fire Regime Financial Manager: R O Peterson	29,694.73
National Park Service:	E22734	R52024	23005	960912	1443CA631096001-MOD 1,	USPAR-Geographic Information System Financial Manager: M D Hyslop	12,430.52
National Park Service:	E22735	R52064	23005	000561P2	1443CA6310A001-TASK 00	USPAR-Moose Browsing/Fire Regime Financial Manager: R O Peterson	10,166.20
National Park Service:	E22736	R52065	23005	001216	1443CA6310A001-TASK 00	USPAR-Wolf/Moose Monitor-Is Royale Financial Manager: R O Peterson	28,352.94
National Park Service:	E22737	R52093	24605	010106P2	H6310010001-TASK 001-MU	SPAR - Isle Royale Institute Financial Manager: J B Rafert	43,483.35
National Park Service:	E22738	R52150	23005	990519	H6310010001-TASK AGRMT	USPAR-ADV ACCT-Biological Diversity Financial Manager: D J Flaspohler	62,742.37
National Park Service:	E22739	R52152	24805	010840	H6310010001-TASK AGRMT	USPAR-Quincy Smelter Photo-Document Financial Manager: P E Martin	23,820.23
National Park Service:	E22740	R52169	23005	010916	H6310010001-TASK AGRMT	USPAR-Geographic Information System Financial Manager: M D Hyslop	27,113.20

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National Park Service:	E22741	R52170	24805	010907	H6310010001-TASK Financial Manager: P E Martin	AGRMTUSPAR-Keane Wndr Cmplx-Death Valley	426.19
National Park Service:	E22742	R52172	23005	010919	H6310010001-TASK Financial Manager: M D Hyslop	AGRMTUSPAR-Great Lakes Inventory Netwrk	3,959.31
National Park Service:	E22743	R52189	24805	011031	H6310010001-TASK Financial Manager: L D Lankton	AGRMTUSPAR-Kew. National Historical Park	46,464.30
National Park Service:	E22744	R52202	23005	001216P2	H6310010001-TASK Financial Manager: R O Peterson	AGRMTUSPAR-Wolf/Moose Monitor-Is Royale	38,077.23
					Total for		374,525.30
National Science Foundation:							
National Science Foundation:	E23244	R52171	22605	010821	EEC-0138959 Financial Manager: D L Abata	NSF - IPA Assignment	131,905.69
					Total for		131,905.69
U S Air Force							
U S Air Force	E21166	R12009	22505	981146P3	IPA AGREEMENT 223-STRIUSAIR Financial Manager: B E Stribling	Maui Space Surveillance (IPA)	62,336.28
					Total for		62,336.28
U S Army							
U S Army	E20497	R10752	22705	971008	DAAE07-97-C-X150-MOD Financial Manager: K B Rundman	PTACOM-Ausformed Austempered Iron	485.45-
U S Army	E20498	R10753	28605	971008	DAAE07-97-C-X150-MOD Financial Manager: G R Simula	PTACOM-TARDEC AADI Program	55,023.74
U S Army	E20499	R10760	28605	971008	DAAE07-97-C-X150-MOD Financial Manager: G R Simula	PTACOM-TARDEC AADI Program	952.76
U S Army	E20500	R10761	28605	971008	DAAE07-97-C-X150-MOD Financial Manager: G R Simula	PTACOM-TARDEC AADI Program	550.02
U S Army	E20501	R10762	28605	971008	DAAE07-97-C-X150-MOD Financial Manager: G R Simula	PTACOM-TARDEC AADI Program	1,783.12-
U S Army	E20502	R10767	28605	971008	DAAE07-97-C-X150-MOD Financial Manager: G R Simula	PTACOM-TARDEC AADI Program	3,609.38

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U S Army	E20505	R10783	28605	971008	DAAE07-97-C-X150-MOD Financial Manager: G R Simula	PTACOM-TARDEC AADI Program	160.30
U S Army	E20510	R12001	28605	000849	DAAE07-99-C-L502-P0000TACOM-Eng Supp Crusader Right Flank Financial Manager: S A Bradley		13,177.67
U S Army	E20511	R12006	28605	000843	DAAE07-00-C-L052-MOD Financial Manager: J Meldrum	PTACOM - Surge WD001	11,458.20
U S Army	E20512	R12007	28605	000843	DAAE07-00-C-L052-MOD Financial Manager: J Meldrum	PTACOM - Surge WD002	10,562.30
U S Army	E20513	R12010	22605	980808P2	IPA 11/07/00 Financial Manager: D A Nelson	TACOM-Develop Capillary Pumped Loop	4,214.02
U S Army	E20514	R12017	28605	010532	DAAE07-01-C-L520-MOD Financial Manager: J Meldrum	PTACOM - FMTV Dump Body Analysis	248,934.80
U S Army	E20515	R12018	28605	000843	DAAE07-00-C-L052-MOD Financial Manager: M D Osborne	PTACOM - Surge WD005 & WD009	86,871.50
U S Army	E20517	R12022	28605	000843	DAAE07-00-C-L052-MOD Financial Manager: J Meldrum	PTACOM - Surge WD006 & WD008	70,058.54
U S Army	E20518	R12023	28605	000843	DAAE07-00-C-L052-MOD Financial Manager: J Meldrum	PTACOM - Surge WD007	58,323.50
U S Army	E20546	R12012	22405	010322	DACW35-01-P-0048-AMD Financial Manager: D W Watkins	PUSARM-Rain Est/Hydrologic Models	30,022.34
U S Army	E20606	R51305	22705	990831	DAAD19-00-1-0103-MOD Financial Manager: T H Courtney	PUSARM-Crystalline-Amorphous W-Based	2,700.82
U S Army	E20610	R52113	22705	990831	DAAD19-00-1-0103-MOD Financial Manager: T H Courtney	PUSARM-Crystalline-Amorphous W-Based	49,093.65
U S Army	E20611	R12016	22605	010102	DAAD19-01-1-0492 Financial Manager: G Subhash	USARM-Testing of Amorphous Metals	47,223.07
U S Army	E20612	R12028	22605	011103	DAAD17-02-P-0136 Financial Manager: G Subhash	USARM-Indentation Hardness Tester	40,413.00
U S Army	E20614	R12031	22405	020340	DACW35-02-P-0089 Financial Manager: D W Watkins	USARM-RSI/Rainfall Hydrologic Rsch	22,700.41
U S Army	E20615	R12033	22605	020327	DAAD17-02-P-0446-MOD Financial Manager: G Subhash	PUSARM-Wear Characterization	3,643.74
U S Army	E34372	S90349	22605	010102	DAAD19-01-1-0492 Financial Manager: G Subhash	MTU - Hao Li Assistantship	2,439.50
Total for							754,463.05

The accompanying notes are an integral part of these financial statements.

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Orgn	Fund	Proposal#	Contract #	Fund Title	Amount
U S Cold Regions Research Eng Lab:							
	E20609	R12011	28605	010104	DACW42-01-P-0120-MOD	PUSARM(CRREL)/Anti-Icing Practice Financial Manager: R G Alger	3,727.13
U S Cold Regions Research Eng Lab:							3,727.13
Total for							3,727.13
U S Dept of Energy:							
	E21688	R10771	22555	970821	DE-AC26-98BC15135-MOD	USENE-Calibration Seismic Attribute Financial Manager: W D Pennington	108,167.55
U S Dept of Energy:							
	E21689	R10772	22555	970820	DE-AC26-98BC15100-MOD	USENE - Fractured Reservoirs Financial Manager: J R Wood	116,903.30
U S Dept of Energy:							
	E21698	R12008	22555	000539	M6ER15124	USENE - IPA-Geophysical Imaging Financial Manager: T J Bornhorst	171,218.95
U S Dept of Energy:							
	E21703	R52082	24605	981003P4	DE-FG02-99ER41107-AMD	USENE-RSI/YEAR 3 - High Energy Financial Manager: D F Nitz	160,494.04
U S Dept of Energy:							
	E21718	R52219	24605	981003P4	DE-FG02-99ER41107-AMD	USENE - RSI / YEAR 4 - High Energy Financial Manager: D F Nitz	53,973.70
U S Dept of Energy:							
	E34315	S90287	24605	981003P4	DE-FG02-99ER41107-AMD	MTU - Alexei Dorofeev Assistantship Financial Manager: D F Nitz	11,732.32
U S Dept of Energy:							
	E34338	S90315	24605	981003P4	DE-FG02-99ER41107-AMD	MTU - Joe Darling Assistantship Financial Manager: D F Nitz	2,086.41
U S Dept of Energy:							2,086.41
Total for							620,403.45
U S Fish & Wildlife Service							
	E23016	R52163	24105	010827	AGRMNT NO. 301811J205	USFIS-Assessment of Lake Sturgeon Financial Manager: N A Auer	9,086.35
U S Fish & Wildlife Service							9,086.35
Total for							9,086.35
U S Forest Service:							
	E20175	R52047	24805	000901	00-CS-110910-00-42	USAGR-Archaeol Coll-Hiawatha Nat'l Financial Manager: S R Martin	808.15
U S Forest Service:							
	E20179	R52059	24805	001206	01-CS-11090700-005-MOD	USAGR-Archaeol Collect-Ottawa Nat'l Financial Manager: S R Martin	2,579.06
U S Forest Service:							

The accompanying notes are an integral part of these financial statements.

MICHIGAN TECHNOLOGICAL UNIVERSITY
 Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Orgn	Fund	Proposal#	Contract #	Fund Title	Amount
U S Forest Service:	E20207	R51333	23005	000415	00-JV-11111132-120	USAGR-2x4 Softwood & 2x3 Hardwood Financial Manager: J W Forsman	573.88
U S Forest Service:	E20289	R10712	23005	960617	NC-96-602-RJVA-AMD 6	USAGR-Scaling Effects Ozone & Co2 Financial Manager: D F Karnosky	7,308.38
U S Forest Service:	E20315	R10751	23805	970928	97-RJVA-2958	USAGR-Timber Bridge-Extended Study Financial Manager: P E Laks	7,437.55
U S Forest Service:	E20320	R51105	23005	980410	PSW-98-011-RJVA-AMD 5	USAGR-Teakettle Experimental Forest Financial Manager: M F Jurgensen	6,967.87
U S Forest Service:	E20326	R10766	23005	980810	23-98-43-RJVA-AMD 1	USAGR-Openland Avifauna-Mich. U.P. Financial Manager: D J Flaspohler	5,649.37
U S Forest Service:	E20329	R10770	23805	980929	98-RJVA-3181-AMD NO.1	USAGR-Strength of Alaskan Wood Financial Manager: J R Erickson	4,145.41
U S Forest Service:	E20339	R51211	23805	990431	99-RJVA-3256-AMD NO.4	USAGR - NDE of Lakes States Timber Financial Manager: J R Erickson	4,308.56
U S Forest Service:	E20345	R51249	23805	990811	99-RJVA-3301-AMD NO.3	USAGR-Nondestructive Evaluation Financial Manager: J W Forsman	1,048.11
U S Forest Service:	E20346	R51250	23805	990805	99-RJVA-3325-AMD NO. 4	USAGR-Ultrasound Nondestructive Tec Financial Manager: P E Laks	10,264.44
U S Forest Service:	E20351	R51301	23005	990737	23-99-33-RJVA-AMD NO.	USAGR-Mgmt Ecosystems/Landscapes Financial Manager: S C Saunders	13,247.24
U S Forest Service:	E20356	R52002	23005	000729	00-JV-11222062-550	USAGR-Carbon Cycling/Soil Property Financial Manager: M F Jurgensen	628.10
U S Forest Service:	E20358	R52008	23005	000821	00-JV-11231300-086	USAGR-Carbon Storage in Forests Financial Manager: D D Reed	45,309.25
U S Forest Service:	E20359	R52009	23005	000807	00-JV-11231300-073	USAGR-Modeling Carbon Sequestration Financial Manager: J Chen	58.89
U S Forest Service:	E20360	R52014	23005	000634	00-JV-11111132-119-AMD	USAGR-Chip Yield of Jack Pine Financial Manager: J W Forsman	15,259.74
U S Forest Service:	E20361	R52015	23005	000808	SRS 00-CA-11330135-214	USAGR-Soil Carbon Modeling Financial Manager: M F Jurgensen	6,340.70
U S Forest Service:	E20363	R52017	23005	000841	00-JV-11111133-149-AMD	USAGR-Silver vs Red Maple Property Financial Manager: J W Forsman	14,779.03
U S Forest Service:	E20364	R52018	23005	000515	00-CR-11231300-040-MOD	USAGR-Analyzing FIA Data Financial Manager: D D Reed	15,517.90

The accompanying notes are an integral part of these financial statements.

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Orgn	Fund	Proposal#	Contract #	Fund Title	Amount
U S Forest Service:	E20365	R12002	23005	000648	IPA AGREEMENT 8/24/00	USAGR-Director Ecosystem-YEAR 1 Financial Manager: K S Pregitzer	33,349.68
U S Forest Service:	E20366	R52012	23005	000812	00-JV-11111132-121-AMD	USAGR-Healthy/Diseased Spruce Trees Financial Manager: J W Forsman	4,747.81
U S Forest Service:	E20382	R52115	23005	010404	01-JV-11111132066	USAGR-Strength of Timber Bridges Financial Manager: J R Erickson	32,746.19
U S Forest Service:	E20383	R52116	22605	010404	01-JV-11111132066	USAGR-Strength of Timber Bridges Financial Manager: J B Ligon	50,088.65
U S Forest Service:	E20384	R52122	24805	010610	01-CS-11090700-020	USAGR-Ottawa Nat'l Logging Study Financial Manager: P E Martin	48,493.51
U S Forest Service:	E20387	R52129	23005	010704	01-JV-11111132-078	USAGR-Response of Timber bridges Financial Manager: J R Erickson	67,308.03
U S Forest Service:	E20388	R52130	24805	010702	01-CS-11090700-023-MOD	USAGR-Berglund Ranger Station Proj. Financial Manager: A K Hoagland	25,563.98
U S Forest Service:	E20390	R52133	23005	010701	01-JV-11231300-074	USAGR-Above-Ground Crbn Allocation Financial Manager: L M Nagel	22,740.77
U S Forest Service:	E20391	R52134	23005	010340	01-JV-11231300-085-MOD	USAGR - Manage FACE Experiment Financial Manager: D F Karnosky	84,945.72
U S Forest Service:	E20392	R52137	23005	010427	01-JV-11231300-072	USAGR-Carbon & Nitrogen Dynamics Financial Manager: M R Gale	16,543.86
U S Forest Service:	E20393	R52164	23005	010901	01-JV-11231300-098	USAGR-Mapping Fire Location/Extent Financial Manager: A L Maclean	103,642.12
U S Forest Service:	E20394	R52168	23005	010705	01-JV-11222062-242-AMD	USAGR-Wood Decomposition by Environ Financial Manager: M F Jurgensen	71,795.28
U S Forest Service:	E20396	R12024	23005	011037	43-54A7-1-0061	USFOR-Aerial Photos-Ottawa Nat'l. Financial Manager: A L Maclean	11,155.36
U S Forest Service:	E20398	R12027	23005	000648	IPA AGREEMENT 8/24/00	USAGR-Dir Northern Ecosystem-Year 2 Financial Manager: K S Pregitzer	123,049.07
					Total for		857,145.46
U S Navy							
U S Navy	E21161	R10759	23805	980617	N47408-98-M-3017-MOD	PNAVAL-Fungal Decay Resistance Financial Manager: P E Laks	865.83
					Total for		865.83

The accompanying notes are an integral part of these financial statements.

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Index	Orgn	Fund	Proposal#	Contract #	Fund Title	Amount
U S Office of Naval Research:							
	E21168	R12021	28605	010913	N00167-01-M-0621-MOD	PUSNAV-Wear Tests on Center Guides	
U S Office of Naval Research:					Financial Manager:	J Meldrum	2,613.27
	E21169	R12025	23005	010909	N47408-01-P-6478	USNAV - Field Termite Test	
U S Office of Naval Research:					Financial Manager:	P E Laks	3,007.31
					Total for		5,620.58
						GRAND TOTAL	3,828,290.78

The accompanying notes are an integral part of these financial statements.

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Student Financial Aid - Summary Expense by CFDA#
 From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount

S12300	U.S. Dept of Education-Yr to date:							
84.033		E32722	S90040	34002			DOE-Campus Work Study T T Malette	272,643.78
						Financial Manager:		
							TOTAL FOR CFDA# 84.033	272,643.78
84.063		E30715	S90025	34002			DOE-Pell Grant Scholarships T T Malette	2,253,254.00
						Financial Manager:		
							TOTAL FOR CFDA# 84.063	2,253,254.00
84.066		E32720	S90030	34002			DOE-SEOG T T Malette	350,823.00
						Financial Manager:		
							TOTAL FOR CFDA# 84.066	350,823.00
							TOTAL FOR S12300	2,876,720.78
							GRAND TOTAL FOR CFDA's	2,876,720.78
							=====	

The accompanying notes are an integral part of these financial statements.

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Student Financial Aid - Summary Expense by Agency
From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount

C11300 U.S. Dept. of Education:								
	S79167	C10065	32503				Financial Manager: Robert C. Byrd Honors T T Malette	51,750.00
							TOTAL FOR C11300	51,750.00
							GRAND TOTAL	51,750.00
								=====

The accompanying notes are an integral part of these financial statements.

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Other Federal Funding - Summary Expense by CFDA#
 From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
17.600	USLAB0002	E24902	R52198	22805	020108	E4R2001919 Financial Manager:	USLAB-FY2002 Michigan Mine Safety D H Carlson	128,744.71
							TOTAL FOR CFDA# 17.600	128,744.71
45.312	INSTI0008	E24901	R52117	22555	010406	CM-10023-01 Financial Manager:	IMS - Advancing the New Museum S J Dyl	281,467.07
							TOTAL FOR CFDA# 45.312	281,467.07
47.076	NATI00211	E23183	R51321	26003	990830	DUE-9953189 AMD 002 Financial Manager:	NSF-Engineering in Pre-College Ed B H Baltensperger	11,890.04
47.076	NATI00211	E23184	R51322	25001	990830	DUE-9953189 AMD 002 Financial Manager:	NSF-Engineering in Pre-College Ed L J Oberto	8,703.66
47.076	NATI00211	E23185	R51323	36001	990830	DUE-9953189 AMD 002 Financial Manager:	NSF-Engineering in Pre-College Ed C S Anderson	49,110.75
47.076	NATI00211	E23230	R52149	22555	990830	DUE-9953189 AMD 002 Financial Manager:	NSF-Engineering in Pre-College Ed J E Huntoon	57,495.70
47.076	NATI00211	E23245	R52180	28102	010521	EHR-0125380 Financial Manager:	NSF-Knowledge Mgmt Infrastructure D D Reed	208,681.26
							TOTAL FOR CFDA# 47.076	335,881.41
81.086	USENE0008	E21717	R52218	25001	010538	DE-FC26-02NT41443 Financial Manager:	USENE-Ignition Improvement-Lean Gas L J Oberto	10,345.52
							TOTAL FOR CFDA# 81.086	10,345.52
84.116	USEDU0005	E24877	R51302	21150	991115	P116N000021-ACTION NO. Financial Manager:	USEDU-YR 1-N. Am Mobility-Higher Ed J P Cross	10,208.45
84.116	USEDU0005	E24880	R52076	21150	991115	P116N000021-ACTION NO. Financial Manager:	USEDU-YR 2-N. Am Mobility-Higher Ed J P Cross	43,653.43
84.116	USEDU0005	E24884	R52224	21150	991115	P116N000021-ACTION NO. Financial Manager:	USEDU-YR 3-N. Am Mobility-Higher Ed J P Cross	15,873.26
							TOTAL FOR CFDA# 84.116	69,735.14
84.200	USEDU0005	E24872	R51025	22805	970102	P200A70416-99 ACTION Financial Manager:	NUSEDU - GAANN: Mining Engg at MTU D S Young	6,120.98

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Other Federal Funding - Summary Expense by CFDA#
 From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
84.200	USEDU0005	E24873	R51099	22605	971225	P200A80447-00-ACTION	NUSEDU - GAANN Fellowship Program Financial Manager: S M Pandit	73,692.57
84.200	USEDU0005	E24874	R51121	22805	970102	P200A70416-99 ACTION	NUSEDU - GAANN: Mining Engg at MTU Financial Manager: D S Young	3,458.36
84.200	USEDU0005	E24876	R51227	22805	970102	P200A70416-99 ACTION	NUSEDU - GAANN: Mining Engg at MTU Financial Manager: D S Young	2,754.76
TOTAL FOR CFDA# 84.200								86,026.67
84.281	MIEDU0023	E27261	R82017	36001	010623	GRANT # 020290-202	MIEDU-2001/2002 Educ Science & Math Financial Manager: C S Anderson	61,502.92
84.281	MIEDU0023	E27306	R82005	36001	000641	AWD # 010290-211	MIEDU-2000/01 Educ Science & Math Financial Manager: C S Anderson	24,513.94
TOTAL FOR CFDA# 84.281								86,016.86
GRAND TOTAL FOR CFDA's								998,217.38

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Other Federal Funding - Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
N90400 U.S. Forest Service								
	D95524	N70102	28690				FIA Model license/USDA S Rsch Stat Financial Manager: P P Radecki	23,500.00
TOTAL FOR N90400								23,500.00
R40111 NASA Fed Pass Thru:								
	UNIVE0156	E28736	R42047	36001	950713P6	CH #465764	UNIVE-Mich Space Grant Cons Adm Financial Manager: C S Anderson	6,472.54
TOTAL FOR R40111								6,472.54
R40129 National Science Foundation Fed Pas								
	UCAID0002	E28719	R42059	29205	011032	INTERNET 2 AGREEMENT	UCAID-NSF Middleware Initiative Financial Manager: J S Cross	63,618.04
TOTAL FOR R40129								63,618.04
R80103 NASA Fed Pass Thru:								
	UNIVE0236	E27532	R82033	22205	011203	CHECK # 655990	UNIVE-M Chye-High Effic Oxygen Sep Financial Manager: T N Rogers	2,914.02
	UNIVE0236	E27533	R82034	28905	011132	CHECK # 655990	UNIVE-CBE-G Pellegrini-Arter Barofl Financial Manager: W H Cooke	4,400.00
	UNIVE0236	E27534	R82035	28905	001125P2	CHECK # 655990	UNIVE-CBE-J Carter-Effct/Mntl Stres Financial Manager: W H Cooke	5,000.00
	UNIVE0236	E27536	R82036	22575	011129	CHECK # 655990	UNIVE-O Sorensen-Laha Hzrd/Tung Vol Financial Manager: W I Rose	1,000.00
	UNIVE0236	E27609	R82021	22605	001212P2	CHECK # 655990	UNIVE-D Lund - Digital Data Acquis Financial Manager: L B King	2,500.00
	UNIVE0236	E27610	R82022	22605	011208	CHECK # 655990	UNIVE-A Kieckhafer-Sty Plm/Thrus Financial Manager: L B King	280.48

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Other Federal Funding - Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
	UNIVE0236	E27611	R82023	22575	011131	CHECK # 655990 Financial Manager:	UNIVE-H Sherman-Ana/Ura Jacobsville J S Gierke	911.12
	UNIVE0236	E27612	R82024	22575	011134	CHECK # 655990 Financial Manager:	UNIVE-M Castor Rem/Chlorin Slvnt J S Gierke	5,000.00
	UNIVE0236	E27616	R82028	28905	020328	CHECK # 65590 Financial Manager:	UNIVE-K Harvey-CBE-Mech Black Bears S W Donahue	1,250.00
	UNIVE0236	E27620	R82032	28905	020331	CHECK # 655990 Financial Manager:	UNIVE-CBE-L Godin-Fluid Flw/Calc S W Donahue	1,250.00
	UNIVE0236	E28141	R80722	28905	001125	CK# 465762 Financial Manager:	UNIVE-Human Neural Organization W H Cooke	927.04
	UNIVE0236	E28142	R80723	28905	010335	CK# 465762 Financial Manager:	UNIVE-Influence of Estrogen W H Cooke	2,500.00
	UNIVE0236	E28143	R80724	22555	010330	CK# 465762 Financial Manager:	UNIVE-Automated Image Processing J W Budd	2,500.00
	UNIVE0236	E28145	R80726	22605	001212	CK# 465762 Financial Manager:	UNIVE-Design Digital Data System L B King	2,500.00
	UNIVE0236	E28146	R80727	22305	010425	CK# 465762 Financial Manager:	UNIVE-Theoretical Studies-Chemistry C A Bayse	1,458.33
	UNIVE0236	E28147	R80728	22555	010337	CK# 465762 Financial Manager:	UNIVE-GIS for Monitoring Watersheds J S Gierke	2,500.00
	UNIVE0236	E28148	R80729	22555	010332	CK# 465762 Financial Manager:	UNIVE-Quantify Conversion Rates I M Watson	2,500.00
	UNIVE0236	E28149	R80730	22305	010318	CK# 465762 Financial Manager:	UNIVE-Copper Photochemistry S A Green	3,235.48

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MICHIGAN TECHNOLOGICAL UNIVERSITY
 Other Federal Funding - Summary Expense by Agency
 From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
UNIVE0236	E28150	R80731	22555	001204	CK# 465762 Financial Manager:	UNIVE-Santa Maria Volcano G J Bluth	5,000.00	
UNIVE0236	E28182	R80732	22555	001205	CK# 465762 Financial Manager:	UNIVE-Ash/Gas Separation-Volcanoes G J Bluth	2,500.00	
UNIVE0236	E28183	R80733	22575	991122P2	CHECK # 465765 Financial Manager:	UNIVE-Support Navajo Stdts - Earth G J Bluth	6,749.52	
UNIVE0236	E28184	R82008	36001	001131	CHECK # 465765 Financial Manager:	UNIVE-Women & Explorations in Engr J B Lehman	10,000.00	
UNIVE0236	E28187	R82011	36001	001132	CHECK # 465767 Financial Manager:	UNIVE-American Indian Workshop J B Lehman	9,987.13	
UNIVE0236	E28188	R82012	36001	001133	CHECK # 465768 Financial Manager:	UNIVE-Summer Youth Space/Science J B Lehman	9,115.00	
UNIVE0236	E28189	R80734	22575	991121P2	CHECK # 465766 Financial Manager:	UNIVE-Field Training for Teachers G J Bluth	9,871.00	
UNIVE0236	E28456	R80705	22405	000309	CK # 291509 Financial Manager:	UNIVE-Time Variant Bayesian Decisio J W van de Lindt	800.00	
UNIVE0236	E28463	R80700	28905	000340	CHECK # 279223 Financial Manager:	UNIVE-Tissue Heating Effects of Non D A Nelson	328.07	
UNIVE0236	E28564	R82004	24605	991206	CHECK # 278493 Financial Manager:	UNIVE-MI Rockets for Schools B H Suits	5,275.81	
							TOTAL FOR R80103	102,253.00
R80108 U S Environmental Prot Agcy Fed Pass								
KEWEE0052	E26724	R80713	22555	990633	C O 990633 Financial Manager:	KEWEE-Aquifer Supply Evaluation Wor J S Gierke	11,819.24	
							TOTAL FOR R80108	11,819.24

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MICHIGAN TECHNOLOGICAL UNIVERSITY
Other Federal Funding - Summary Expense by Agency
From 07/01/2001 to 06/30/2002

CFDA#	Grantor ID#	Index	Fund	Orgn	Proposal#	Contract #	Fund Title	Amount
R80124 U S Dept of Labor Federal Pass Thru								
	MICON0002	E27063	R80709	22805	960628P5	BSR-00-01 Financial Manager:	MICON-7/1/00-6/30/01 Michigan Mine O F Otuonye	12,159.33
	MICON0002	E27189	R82001	22805	960628P6	MTU # 960628P6 Financial Manager:	MICON-FY2001 MI Mine Safety D H Carlson	89,965.34
							TOTAL FOR R80124	102,124.67
							GRAND TOTAL	309,787.49

The accompanying notes are an integral part of these financial statements.

Michigan Technological University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2002

Summary from Pages 4-55

Research and Development	\$ 20,875,505 (a)
Student Financial Aid	2,928,471
Other Federal Awards	<u>1,308,004 (a)</u>

Total from Pages 4-55	25,111,980
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Non-Cash Assistance

Federal Perkins Loans (b)	1,973,722
Federal Direct Loan Program	<u>12,677,658</u>

Total Non-Cash Assistance	<u>14,651,380</u>
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Total Expenditures of Federal Awards	<u>\$ 39,763,360</u>
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(a) Major Programs

(b) Loans are measured by the value of the loans made as of June 30, 2002.

See notes to Schedule of Expenditures of Federal Awards.

Michigan Technological University
Notes to Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2002

1. Basis of Accounting:

The Schedule of Expenditures of Federal Awards is presented on the same basis of accounting used for presentation of the University's financial statements, which is in accordance with generally accepted accounting principles.

2. Catalog of Federal Domestic Assistance (CFDA) Numbers:

All programs with identifiable CFDA numbers have been listed separately. All other programs for which such numbers were unavailable or in the case of NASA and others who do not issue CFDA numbers, the applicable award numbers have been provided.

Michigan Technological University
Schedule of Findings and Questioned Costs
For the Year Ended June 30, 2002

1. Summary of auditors results:

- a. The type of report issued on the financial statements: unqualified opinion.
- b. Reportable conditions in internal control disclosed by the audit of the financial statements: none reported. Material weaknesses: no.
- c. Noncompliance which is material to the financial statements: no.
- d. Reportable conditions in internal control over major programs: none reported. Material weaknesses: no.
- e. The type of report issued on compliance for major programs: unqualified opinion.
- f. Any audit findings which are required to be reported under Section 510(a) of OMB Circular A-133: no. (Additionally, there were no audit findings for the year ended June 30, 2001.)
- g. Major programs include:
 - Research and Development
 - Other Federal Award
- h. Type A programs include all programs with expenditures which exceed \$1,192,380. Programs which are not Type A programs are Type B programs.
- i. The University did qualify as a low risk auditee as defined by OMB Circular A-133.

2. Findings and questioned costs related to the financial statements: reported in accordance with *Government Auditing Standards*:

The results of our tests did not disclose material findings related to the University's financial statements.