

2014 Financial Report





MICHIGAN TECHNOLOGICAL UNIVERSITY







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THE MICHIGAN TECH PLAN

MISSION

We prepare students to create the future.

VISION

Michigan Tech will grow as a premier technological research university of international stature, delivering education, new knowledge, and innovation for the needs of our world.

GOALS

Michigan Tech will be a leader in creating solutions for society's challenges through education and interdisciplinary endeavors that advance sustainable economic prosperity, health and safety, ethical conduct, and responsible use of natural resources in Michigan, the nation, and the world. We will attract exceptional faculty, staff, and students who understand, develop, apply, manage, and communicate science and technology—all with the goal of a prosperous, sustainable world.

Michigan Tech will be respected and recognized by leaders in education, science, and engineering, government, business, and society for our ability to inspire students, advance knowledge, innovate, and foster economic growth. Our success will be measured by the accomplishments and reputation of our graduates and by the national and international impact of our research and scholarly activities.

Goal 1: A world-class and diverse faculty, staff, and student population.

Goal 2: A distinctive and rigorous discovery-based learning experience grounded in science, engineering, technology, sustainability, the business of innovation, and an understanding of the social and cultural contexts of our contemporary world.

Goal 3: World-class research, scholarship, entrepreneurship, innovation, and creative work that promotes sustainable economic and social development in Michigan, the nation, and the world.





LETTER FROM THE PRESIDENT

On the heels of the Generations of Discovery campaign, the Board of Control set a lofty fundraising goal for the 2014 fiscal year: \$30.8 million. I am proud to say Michigan Tech has surpassed this goal, raising \$30.94 million from individuals, corporations, and other private sources. This level of fundraising following a \$215-million capital campaign is impressive.

The state of the economy over the past six years has not been kind to institutions of higher education. The story is all too familiar to us: our governor and legislators cut budgets across the board to deal with the larger issue of the financial crisis at the state level. During this time, it would have in many ways been easier and less worrisome for the Board to take draconian approaches to deal with those budget cuts. Instead, more-elegant paths were chosen, which were not without risk, to ensure financial stability, continued growth, and at the same time causing the least disruption to the lives of the people of Michigan Tech and the community.

The prize was to keep up the momentum of pursuing our strategic plan so Michigan Tech and, likewise, our students would be well positioned for the economic recovery of today.



This did not take place without vigorous, penetrating, and often contentious discussion, but that is simply a manifestation of the intellectual commitment on the part of the Board and management.

Risk does come with its rewards—in this case, in the form of the people of Michigan Tech. Long-term results like these are noted nationally, as well. Last week, *Money Magazine* ranked us thirty-three among public institutions in the nation, and the *Princeton Review* again listed us among their best colleges and universities.

I think the Board can look with pride on what has been accomplished by maintaining a steady course through turbulent financial times. At the August Board meeting, State Rep. Scott Dianda made a surprise appearance. He praised the Generations of Discovery campaign and recognized Michigan Tech with a framed tribute signed by him, Governor Rick Snyder, and State Sen. Tom Casperson.

We continue our vision of creating the future for 2035 and beyond, with increased student enrollment, a more-diverse campus community, and a dedication to future technologies and work across disciplines. Thank you to everyone who shares this vision and invests in Michigan Tech.

Dr. Glenn D. Mroz President

ADMINISTRATIVE OFFICERS

BOARD OF CONTROL

TERMS ENDING DECEMBER 31 OF YEAR SHOWN

| 2014 | Lenora Ashford |
|------|----------------------------|
| 2016 | Thomas L. Baldini |
| 2018 | Julie A. Fream, Vice Chair |
| 2020 | Linda Kennedy |

Stephen J. Hicks, Chair Paul G. Ollila Terry J. Woychowski Robert Jacquart

EXECUTIVE AND BOARD OFFICERS

Dr. Glenn D. Mroz President

Dr. David D. Reed Vice President for Research

Dr. Dale R. Tahtinen Vice President for Governmental Relations Secretary of the Board of Control

Ellen S. Horsch Vice President for Administration Dr. Maximilian J. Seel Provost and Vice President for Academic Affairs

Dr. Les P. Cook Vice President for Student Affairs and Advancement

Daniel D. Greenlee, CPA Chief Financial Officer and Treasurer of the Board of Control President of the Michigan Tech Fund

Dr. Walter W. Milligan Chief Information Officer





UNIVERSITY UPDATE

Collaboration and Teamwork

Michigan Tech, Central Michigan University Launch Collaborative Physical Therapy Doctoral Program Michigan Tech and Central Michigan University have partnered to offer a Doctor of Physical Therapy degree from CMU to students at both campuses.

"This partnership is a signal of Michigan Tech's commitment to strengthening its education and research initiatives in the life sciences," said President Glenn Mroz. "We are thrilled to mark the beginning of this cooperative endeavor by dedicating this wonderful space designed for physical therapy education."

The space, including a technologically cutting-edge remote classroom that will be shared in real time by students at both universities, is in Michigan Tech's Advanced Technology Development Complex. A student lounge there was furnished by a gift from the family of Roy and Ruth Jurva.

A cohort of twelve students is starting the program at Michigan Tech. Another forty-eight are enrolled on the CMU campus.

APMP Gold Team Rises to the Occasion, Champs Two Times

An Applied Portfolio Management Program team from Michigan Tech has won two global investment competitions. The Gold Team won the value category in the Global Asset Management Education (GAME) Forum IV, hosted by Quinnipiac University in New York City. They also won the Fourteenth Annual Redefining Investment Strategy Education (RISE) competition in the same category with the same portfolio a week later at the University of Dayton.

Their results were impressive, according to Dean Johnson, who is the James and Delores Trethewey Professor in the School of Business and Economics and the team's advisor.

"For the calendar year 2013, they showed a return of 29.66 percent," Johnson said. "In the value category, they are also judged on standard deviation, or risk, and theirs was a very low 1.7 percent."

That means for one year, the team's returns were very steady. In fact, they only had one negative month. They grew their portfolio from \$397,000 to \$515,000.

Research

Five Faculty Members Receive NSF CAREER Awards—An All-Time High

Five junior faculty members received National Science Foundation (NSF) Faculty Early Career Development (CAREER) Awards during the past year. NSF CAREER Awards go to researchers who have already distinguished themselves early in their careers, to support extraordinarily promising interdisciplinary research.

"The NSF CAREER awards are very prestigious," said David Reed, vice president for research. "We have had a number of faculty receive these awards over the years, but this is the first time we have had five in one year. Since only untenured faculty are eligible to apply for these awards, this reflects very strongly the quality of our faculty hires in recent years." NSF CAREER Award winners at Michigan Tech during the past year are Zhuo Feng and Shiyan Hu, assistant professors of electrical and computer engineering; Mo Rastgaar and Tolou Shokuhfar, assistant professors of mechanical engineering-engineering mechanics; and Chaoli Wang, assistant professor of computer science.

Michigan Tech Researcher Develops Low-Cost 3D Metal Printer

Joshua Pearce, an associate professor in the Department of Materials Science and Engineering, and his research group developed a low-cost metal 3D printer, which costs around \$1,500 to build. The printer can lay down thin layers of steel to form complex geometric objects. The detailed plans, software, and firmware are all freely available and open source, so anyone can use them to make their own.

Great Lakes Research Center Has New Supercomputer

Michigan Tech now has one of the most powerful supercomputers in the region. Dubbed Superior, this machine is located in the Great Lakes Research Center and can undertake calculations that were previously the stuff of scientists' dreams. Superior's power enables heavyweight projects, such as the hydrogeological modeling of all the Great Lakes being undertaken by Pengfei Xue, an assistant professor of civil and environmental engineering.

New Satellite Maps Track Harmful Algal Blooms in Great Lakes

Scientists from the Michigan Tech Research Institute (MTRI), located in Ann Arbor, are using satellite data to find harmful algal blooms (HABs) in the Great Lakes and determine what threats they may pose to water quality and public health. Caused by agricultural runoff and climate change, this overgrowth of algae can clog water intake pipes, degrade drinking water, and potentially sicken people and animals.

The project generates HAB maps of portions of Lake Erie, Lake Huron, and Lake Michigan that are available online. This data will be useful to fishermen, sailors, tourists, and public water system managers, not to mention the public, said Robert Shuchman, a lead scientist on the project.

Toward Smarter Underwater Drones

Nina Mahmoudian is developing the next generation of autonomous underwater vehicles (AUVs). Named ROUGHIEs (for Research Oriented Underwater Gliders for Hands-on Investigative Engineering), these underwater gliders will be the approximate size of a loaf of French bread and designed for use near the water's edge. Powered only by batteries, they will "fly" slowly through the water simply by adjusting their buoyancy and weight. This will make them safer and more reliable in shallow waters, where a propeller could become tangled in vegetation or cause injury.

Giving Back

Better Dental Implants are on the Horizon

Since she was a graduate student, Tolou Shokuhfar, an assistant professor of mechanical engineeringengineering mechanics, has been researching a new surface for titanium implants to help reduce their failure rate. Using a simple procedure she developed, she etches nanotubes into the titanium dioxide that naturally encases metallic titanium.

In lab tests, osteoblasts have clung to Shokuhfar's nanotubes and proliferated far better than to plain titanium or even the roughened titanium used on some implants. This may be because the nanotube surface forms a regular lattice, not unlike the matrix that forms the basis of bone tissue.



Early tests show that bacteria are repelled by the nanotube surface. Now scientists at Beaumont Hospital in Metro Detroit are conducting additional research into how MRSA, an antibiotic-resistant form of staphylococcus, reacts to the surface. And scientists at the University of Tennessee are investigating its effect on bacteria that cause the gum disease periodontitis.

The nanotube surface has yet another attribute that Shokuhfar believes could reduce the failure rate in all types of titanium implants. It can serve as a drug-delivery system for antibiotics, antiinflammatory drugs, or even silver nanoparticles. "Silver has antimicrobial properties, and we are capable of obtaining a dose that can kill microbes but would not hurt healthy cells and tissues," she said.

On the horizon are animal tests and eventually clinical trials. Because the nanotubes are simply another form of titanium dioxide, Shokuhfar hopes the approval process will be short. "We want to get to the clinical stage as soon as possible, so we can get this out there to people who need it," she said.

Athletics

Basketball—Men's

The Michigan Tech men's basketball team made a run to the NCAA Midwest Regional Championship game. The Huskies finished with the third-most wins in school history with a 24-9 overall record.

Basketball—Women's

In the GLIAC Women's Basketball Tournament quarterfinal, Jillian Ritchie's putback with five seconds left in regulation sent the game to overtime and her 3-pointer in the final minute of the extra session provided the game-winning points in Tech's 69-63 triumph over Saginaw Valley State.

Cross Country Skiing

For the first time in thirteen years, Michigan Tech hosted the GLIAC Cross Country Championships. The challenging course and cold weather benefited the Huskies men's team, which finished sixth overall—its best finish in five years. Michigan Tech will host the US Nationals in 2015 and 2016.

Hockey

Tanner Kero and Ryan Furne both scored in a shoot-out to send Michigan Tech past Michigan State and into its second consecutive Great Lakes Invitational Championship game. The Forty-Ninth Annual GLI was played outdoors at Comerica Park as part of the SiriusXM Hockeytown Winter Festival in Detroit.

Soccer

Lindsey Van Rooy's goal in the final second of double overtime lifted the Huskies to a 1-0 GLIAC Tournament Quarterfinal victory over Saginaw Valley State. The play made ESPN SportsCenter's Top Ten. The win helped propel Tech to its first NCAA Tournament berth in the program's fourth year of existence.

University Rankings

- US News and World Report ranks Michigan Tech fifty-seventh among national public universities in its "Best Colleges" 2014 edition and named the University an "A-Plus for B Students" for admitting promising students whose high school GPA is less than an A.
- Princeton Review ranked Michigan Tech a "Best in the Midwest" for the third consecutive year in its 2014 "Best 378 Colleges" report. Tech also received good marks in quality of life, safety, and "green" categories. Student comments included Tech has "very high standards when it comes to education," offers "serious study in a beautiful (often snowy) environment," and has a "good reputation," especially for engineering.

- Washington Monthly rated Michigan Tech twenty-ninth nationally for the "Best Bang for the Buck," and Business Insider rated Tech number twenty-two in the nation in its list of underrated schools.
- According to data from the National Science Foundation Higher Education Research and Development (HERD) survey, Michigan Tech is second in the state and in the top 15 percent of universities nationwide for its proportion of industry-sponsored research.
- For the ninth year in a row, Michigan Tech ranks as the number one university nationwide for the number of Peace Corps Master's International (PCMI) students currently serving as Peace Corps volunteers. Michigan Tech has thirty-two graduate students overseas.
- According to *Business Insider*, Michigan Tech is the most underrated university in Michigan. The business, financial, tech, and education news website also ranked Tech number eleven among the top twenty public universities with the smartest students.
- Michigan Tech is ranked thirteenth on PayScale's 2014 College ROI Report for public in-state tuition and fifty-fourth in the nation overall. The average starting salary for Tech grads is now at \$59,200—tenth in the nation in that category.
- NerdScholar named Michigan Tech's software engineering program the "most engaging" in the nation, citing the plethora of hands-on opportunities—including Senior Design and Enterprise—available to students and the University's efforts to recruit and support women in software engineering.



• Michigan Tech tops AccuWeather.com's list of the snowiest college campuses in the nation.



MANAGEMENT discussion and analysis

This discussion and analysis section of the Michigan Technological University (the "University") annual financial report provides an overview of our financial activities during the fiscal years ended June 30, 2014, 2013, and 2012. University management has prepared the financial statements and the related footnote disclosures along with this discussion and analysis. Responsibility for the completeness and fairness of this information rests with University management.

USING THE ANNUAL REPORT

The University's financial report includes three financial statements: the Statements of Net Position; the Statements of Revenues, Expenses, and Changes in Net Position; and the Statements of Cash Flows. These financial statements are prepared in accordance with generally accepted accounting principles, which establish standards for external financial reporting for public colleges and universities and require that financial statements be presented to focus on the University as a whole. The financial statements report information about the University using accrual accounting methods similar to those used by private-sector companies. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

REPORTING ENTITY

The Michigan Tech Fund (the "Fund") is a component unit of the University and its activity has been blended into the University's financial statements.

CONDENSED STATEMENTS OF NET POSITION

The Statements of Net Position include all assets and liabilities of the University. Over time, increases and decreases in net position is one indicator of the improvement or erosion of the University's financial health when considered with operating measures such as enrollment levels, research activities, and the physical condition of facilities.

| Condensed Statements of Net Position As of June 30 | | | | | | | | | | |
|---|----|-------------|----|-------------|----|-------------|--|--|--|--|
| | | 2014 | | 2013 | | 2012 | | | | |
| Assets | | | | | | | | | | |
| Current assets | \$ | 31,279,027 | \$ | 31,296,562 | \$ | 40,008,882 | | | | |
| Noncurrent assets: | | | | | | | | | | |
| Capital assets, net | | 246,085,350 | | 253,799,271 | | 258,710,677 | | | | |
| Other | | 159,928,739 | | 146,598,009 | | 129,382,581 | | | | |
| Total assets | \$ | 437,293,116 | \$ | 431,693,842 | \$ | 428,102,140 | | | | |
| Liabilities | | | | | | | | | | |
| Current liabilities | \$ | 22,323,408 | \$ | 21,927,137 | \$ | 21,549,237 | | | | |
| Noncurrent liabilities | | 85,944,459 | | 88,484,151 | | 88,271,925 | | | | |
| Total liabilities | \$ | 108,267,867 | \$ | 110,411,288 | \$ | 109,821,162 | | | | |
| Net position | | | | | | | | | | |
| Net investment in capital assets | \$ | 164,399,706 | \$ | 169,009,147 | \$ | 174,653,749 | | | | |
| Restricted | | | | | | | | | | |
| Nonexpendable | | 72,488,002 | | 68,536,641 | | 66,069,720 | | | | |
| Expendable | | 76,264,509 | | 72,263,098 | | 67,652,076 | | | | |
| Unrestricted | | 15,873,032 | | 11,473,668 | | 9,905,433 | | | | |
| Total net position | \$ | 329,025,249 | \$ | 321,282,554 | \$ | 318,280,978 | | | | |

Changes from 2013 to 2014

Current assets were comparable from fiscal year 2013 to fiscal year 2014. Within current assets, cash increased by \$4.6 million, whereas accounts receivable and pledges receivable decreased by approximately \$2.3 million each. Accounts receivable decreased because billings for grants and contracts were down, and pledges receivable decreased as more payments are being received on pledges made during the capital campaign.

Capital assets, net decreased by \$7.7 million. Capital asset additions (\$8.7 million), net of the book value of capital asset disposals (\$1.8 million), were \$6.9 million, and the depreciation charge for the year was \$14.6 million. Capital additions for fiscal 2014 included \$5.6 million for academic and research equipment, and \$3.1 million for the additional construction costs and renovations of facilities.

Other noncurrent assets increased by \$13.3 million, primarily due to the increase in the value of investments by \$13.8 million, of which \$11.3 million is from the Fund.

Current liabilities increased by \$396,000, which was due to a combination of slight increases in other accrued liabilities and unearned revenue, and modest decreases in insurance and benefit reserves.

Noncurrent liabilities decreased by \$2.5 million as a result of scheduled debt payments.

Total net position increased by \$7.7 million. The University's net investment in capital assets decreased by \$4.6 million. Expendable restricted net position increased by \$4.0 million and nonexpendable restricted net position increased by \$4.4 million. The June 30, 2014 unrestricted net position of \$15.8 million consists of reserves in designated funds, auxiliary funds and the plant renewal and replacement fund offset by deficits in the general fund and retirement and insurance fund.

Changes from 2012 to 2013

Current assets decreased by \$8.7 million. That decrease is a result of cash and cash equivalents decreasing by \$6.4 million, accounts receivable decreasing \$1.2 million, and pledges receivable decreasing \$1.1 million. Cash and cash equivalents decreased due to the increase in financial aid allowances and the purchase of investments. Accounts receivable decreased because billings for grants and contracts were down, and pledges receivable decreased because the capital campaign was winding down.

Capital assets, net decreased by \$4.9 million. Asset additions during fiscal year 2013 totaled \$14.9 million, book value of disposals was \$4.4, and million and the depreciation charge for the year was \$14.0 million. Capital additions for fiscal 2013 included \$2.7 million in projects at the Student Development Complex, \$6.8 million for academic and research equipment, and \$5.4 million for the additional construction costs and renovations of facilities.

Other noncurrent assets increased by \$17.2 million, mostly due to the increase in the value of investments by \$16.1 million, of which \$12.2 million is from the Fund.

Current liabilities increased by \$378,000. The current portion of insurance and benefits reserve decreased by \$901,000, whereas the current portion of long-term debt increased by \$562,000, and other accrued liabilities increased by \$684,000.

Noncurrent liabilities increased by \$212,000, which was mostly due to the increase of long-term debt by \$633,000 from a new bond issue to refund and partially refund two series of outstanding bonds, and from entering into capital leases.



Total net position increased by \$3.0 million. The University's net investment in capital assets decreased by \$5.6 million. This is a result of the capitalization of the new research facility, other construction in progress, and equipment additions less the annual depreciation charge. Expendable restricted net position increased by \$4.6 million and nonexpendable restricted net position increased by \$2.5 million. Unrestricted net position increased by \$1.5 million. The June 30, 2013 unrestricted net position of \$11.5 million consists of reserves in designated funds, auxiliary funds and the plant renewal and replacement fund offset by deficits in the general fund and retirement and insurance fund.

NET POSITION

Net position represents the residual interest in the University's assets after liabilities are deducted. The composition of the University's net position is summarized as follows:

| Net Position Summary | | | | | | | | |
|--|---------|-------------|----|--------------|----|--------------|--|--|
| As of J | June | 30 | | | | | | |
| | 2014 20 | | | | | 2012 | | |
| Net investment in capital assets | \$ | 164,399,706 | \$ | 169,009,147 | \$ | 174,653,749 | | |
| Restricted-nonexpendable net position | | | | | | | | |
| Corpus of permanent endowment funds | | 67,298,821 | | 63,227,069 | | 59,553,748 | | |
| Remainder interests in split-interest agreements | | 5,189,181 | | 5,309,572 | | 6,515,972 | | |
| Total restricted-nonexpendable net position | | 72,488,002 | | 68,536,641 | | 66,069,720 | | |
| Restricted-expendable net position | | | | | | | | |
| Gifts and sponsored programs | | 24,093,337 | | 24,840,606 | | 22,271,213 | | |
| Capital projects and debt service | | 1,078,879 | | 2,480,566 | | 3,387,405 | | |
| Student loans | | 14,378,688 | | 14,080,091 | | 14,011,752 | | |
| Net appreciation on permanent endowment funds | | 36,713,605 | | 30,861,835 | | 27,981,706 | | |
| Total restricted-expendable net position | | 76,264,509 | | 72,263,098 | | 67,652,076 | | |
| Unrestricted net position (deficit) | | | | | | | | |
| Capital projects and repairs | | (645,111) | | (1,061,067) | | 651,704 | | |
| Auxiliary enterprises | | 7,882,472 | | 9,596,143 | | 9,235,156 | | |
| Designated for departmental use | | 17,207,640 | | 16,031,437 | | 15,816,151 | | |
| Uncommitted | | (8,571,969) | | (13,092,845) | | (15,797,578) | | |
| Total unrestricted net position | | 15,873,032 | | 11,473,668 | | 9,905,433 | | |
| | | | | | | | | |
| Total net position | \$ | 329,025,249 | \$ | 321,282,554 | \$ | 318,280,978 | | |

Net investment in capital assets represents the University's capital assets net of accumulated depreciation and outstanding principal balances of debt attributable to the acquisition, construction, or improvement of those assets. The net change from year to year reflects the University's improvement, maintenance, and usage of its capital assets in accordance with its long-range capital plan.

Restricted nonexpendable net position represents the historical value (corpus) of gifts to the University's permanent endowment funds. Restricted expendable net position is restricted by a party independent of the University or by law. This includes restrictions related to gifts, research contracts, grants, outstanding debt, student-loan programs, and net appreciation of permanent endowments funds.

Unrestricted net position represents those balances from operational activities of the University that have not been restricted by parties independent of the University. This includes designated funds that the Board of Control and management have designated for specific purposes, such as public service activities or academic and research initiatives. Unrestricted net position also includes amounts that have been contractually committed for goods and services that have not been received by fiscal year-end.







CONDENSED STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION

The Statements of Revenues, Expenses, and Changes in Net Position present the revenues earned and expenses incurred during the fiscal year. Revenues are reported as either operating or nonoperating. State appropriations and gifts are classified as nonoperating revenues which will always result in operating losses for the University.

| Condensed Statements of Revenues, Expenses, and Changes in Net Position Year ended June 30 | | | | | | | | | | | |
|---|----|--------------|----|--------------|----|--------------|--|--|--|--|--|
| | | 2014 | | 2013 | | 2012 | | | | | |
| Operating revenues | | | | | | | | | | | |
| Tuition and fees, net | \$ | 83,509,973 | \$ | 78,187,511 | \$ | 76,995,545 | | | | | |
| Grants and contracts | | 45,314,575 | | 46,814,407 | | 48,133,325 | | | | | |
| Educational activities | | 5,109,812 | | 4,706,789 | | 4,481,022 | | | | | |
| Auxiliary activities, net | | 26,348,530 | | 25,738,765 | | 24,549,259 | | | | | |
| Total operating revenues | | 160,282,890 | | 155,447,472 | | 154,159,151 | | | | | |
| Operating expenses | | 226,948,308 | | 224,261,937 | | 225,739,700 | | | | | |
| Operating loss | | (66,665,418) | | (68,814,465) | | (71,580,549) | | | | | |
| Nonoperating revenues (expenses) | | | | | | | | | | | |
| Federal Pell grants | | 5,715,100 | | 5,836,503 | | 5,756,429 | | | | | |
| State appropriations | | 43,785,501 | | 42,633,969 | | 40,733,597 | | | | | |
| Capital grants and gifts for all purposes | | 11,452,168 | | 16,607,144 | | 14,005,230 | | | | | |
| Other nonoperating revenues and expenses, net | | 13,455,344 | | 6,738,425 | | 12,621,169 | | | | | |
| Net nonoperating revenues | | 74,408,113 | | 71,816,041 | | 73,116,425 | | | | | |
| Net increase in net position | | 7,742,695 | | 3,001,576 | | 1,535,876 | | | | | |
| Net position | | | | | | | | | | | |
| Beginning of year | | 321,282,554 | | 318,280,978 | | 316,745,102 | | | | | |
| End of year | \$ | 329,025,249 | \$ | 321,282,554 | \$ | 318,280,978 | | | | | |

Changes from 2013 to 2014

Operating revenues increased by a total of \$4.8 million. Tuition and fees, net of scholarship allowance, increased by \$5.3 million due to an increase in enrollment of around 50 students and to increases in tuition of 2.9% for undergraduate students and 6.0% for graduate students. Grant and contract revenues decreased by \$1.5 million, educational activities revenues increased by \$403,000, and auxiliary activities revenues, net of scholarship allowance, increased by \$610,000.

Operating expenses increased by \$2.7 million. The major drivers of the increase were \$1.5 million from compensation and benefits and \$800,000 from supplies and services.

Net nonoperating revenues increased by \$2.6 million. State appropriations made up \$1.2 million of that increase. Capital grants and gifts to the University, including gifts for capital and endowment purposes, decreased by \$5.2 million, investment return increased by \$6.6 million, capital appropriations decreased by \$1.5 million, and all other nonoperating revenues increased by \$1.5 million.

The net result of operations for the fiscal year was an increase in net position of \$7.7 million.

Changes from 2012 to 2013

Operating revenues increased by a total of \$1.3 million. Tuition and fees, net of scholarship allowance, increased by \$1.2 million as enrollment declined by roughly 100 students, and tuition increases amounted to 3.9% for undergrad students and 6.0% for graduate students. Grant and contract revenues decreased by \$1.3 million, educational activities revenues increased by \$225,000 and auxiliary activities revenues, net of scholarship allowance, increased by \$1.2 million due to an increase in housing occupancy.

Operating expenses decreased by \$1.5 million. Salary and benefit costs decreased by \$299,000, supplies and services decreased by \$1.3 million, utilities decreased by \$396,000, and annual depreciation increased by \$1.1 million.

Net nonoperating revenues decreased by \$1.3 million. State appropriations increased by \$1.9 million, capital grants and gifts to the University, including gifts for capital and endowment purposes, increased by \$2.6 million, investment return increased by \$9.7 million, capital appropriations decreased by \$13.5 million, and other nonoperating revenues decreased by \$2.0 million.

The net result of operations for the fiscal year was an increase in net position of \$3.0 million.

Revenue Diversification

The University relies on multiple sources of revenues to supplement student tuition. The University continues to aggressively increase funding from other sources consistent with its mission.



The following graph illustrates the fiscal year 2014 revenues by source:



TUITION AND FEES REVENUE

The University provides students with the opportunity to obtain a quality education at a price that is subsidized by state funding. For fiscal year 2014, the University implemented a 2.9% average increase in tuition and mandatory fees for Michigan undergraduates. Graduate students saw a 6.0% increase in tuition and mandatory fees. The following graph identifies the source of funds used to pay student tuition and fees for the fiscal year ended June 30, 2014. The graph shows that 34.5% of student tuition and fees are provided by the University, donors to the University, or various grant and scholarship programs.





GRANT AND CONTRACT REVENUE

The University receives revenues for sponsored programs from governmental and private sources, which provide for the direct and indirect costs of performing sponsored activities. The University also receives revenues from the federal government and its agencies for student grants. There were \$48.2 and \$48.0 million of research and sponsored programs awarded to the University in fiscal years 2014 and 2013, respectively. The University currently has 22 interdisciplinary research institutes and centers that have enabled the University to maintain its growing recognition as a research institution. The University also operates off-campus research facilities in Hancock, Michigan and Ann Arbor, Michigan.

| Grant and Co | ontract | Revenue | | | | | | | | | |
|---|---------|------------|----|------------|----|------------|--|--|--|--|--|
| Year Ended June 30 | | | | | | | | | | | |
| | | 2014 | | 2013 | | 2012 | | | | | |
| Federal sources: | | | | | | | | | | | |
| Department of Agriculture | \$ | 1,980,767 | \$ | 2,552,877 | \$ | 2,915,001 | | | | | |
| Department of Defense | | 9,024,707 | | 9,190,418 | | 9,781,331 | | | | | |
| Department of Education | | 709,459 | | 752,969 | | 831,035 | | | | | |
| Department of Energy | | 822,227 | | 2,222,351 | | 3,443,292 | | | | | |
| Department of Interior | | 836,327 | | 800,301 | | 637,404 | | | | | |
| Department of Transportation | | 1,319,838 | | 1,490,529 | | 1,638,899 | | | | | |
| Environmental Protection Agency | | 578,148 | | 778,160 | | 781,229 | | | | | |
| National Aeronautics and Space Administration | | 2,450,124 | | 2,524,346 | | 1,671,224 | | | | | |
| National Science Foundation | | 10,508,728 | | 9,697,470 | | 9,145,161 | | | | | |
| Health and Human Services | | 706,210 | | 1,046,529 | | 1,220,475 | | | | | |
| Other federal sources | | 218,274 | | 311,964 | | 417,676 | | | | | |
| Total federal sources | | 29,154,809 | | 31,367,914 | | 32,482,727 | | | | | |
| Non-federal sources: | | | | | | | | | | | |
| State and local | | 3,201,394 | | 2,445,292 | | 2,280,914 | | | | | |
| Private | | 12,958,372 | | 13,001,201 | | 13,369,684 | | | | | |
| Total non-federal sources | | 16,159,766 | | 15,446,493 | | 15,650,598 | | | | | |
| Total all sources | \$ | 45,314,575 | \$ | 46,814,407 | \$ | 48,133,325 | | | | | |

The following graph illustrates the fiscal year 2014 grant and contract revenue by source.





CONDENSED STATEMENTS 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 sources and uses of cash of an entity during a period. The Statements of Cash Flows also help 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. The Statements of Cash Flows present information related to cash inflows and outflows summarized by operating, noncapital financing, capital and related financing, and investing activities.

| Condensed Statements of Cash Flows Year Ended June 30 | | | | | | | | | | |
|--|----|--------------|----|--------------|----|--------------|--|--|--|--|
| | | 2014 | _ | 2013 | _ | 2012 | | | | |
| Cash (used in) provided by | | | | | | | | | | |
| Operating activities | \$ | (49,004,478) | \$ | (55,431,295) | \$ | (59,730,006) | | | | |
| Noncapital financing activities | | 57,319,600 | | 60,308,314 | | 55,803,620 | | | | |
| Capital and related financing activities | | (8,871,107) | | (5,020,393) | | (6,169,171) | | | | |
| Investing activities | | 5,175,649 | | (6,286,999) | | 6,835,602 | | | | |
| Net increase (decrease) in cash and cash equivalents | | 4,619,664 | | (6,430,373) | | (3,259,955) | | | | |
| Cash and cash equivalents, beginning of the year | | 7,830,318 | | 14,260,691 | | 17,520,646 | | | | |
| Cash and cash equivalents, end of the year | \$ | 12,449,982 | \$ | 7,830,318 | \$ | 14,260,691 | | | | |

Changes from 2013 to 2014

Cash used in operations decreased by \$6.4 million. Significant changes in cash used in by operations include an increase in payments to employees and for employee benefits of \$1.0 million, an increase in payments to suppliers of \$1.4 million and a decrease in payments for utilities of \$507,000. A significant change in cash provided by operations was due to an increase in tuition payments of \$7.2 million.

Cash provided by noncapital financing activities decreased by \$3.0 million. That was due to a decrease in gifts to the University of \$3.8 million, an increase in state appropriations of \$1.3 million, and a decrease in all other receipts of \$400,000.

Cash used in capital and related financing activities increased by \$3.8 million. During fiscal year 2014 there was a decrease in cash provided by the issuance and payment of long-term debt of \$2.5 million, and a \$1.3 million decrease in cash received for capital appropriations. Cash gifts received decreased by \$2.4 million and cash used for the purchase of capital assets decreased by \$2.4 million.

Cash provided by investing activities increased by \$11.5 million primarily due to the net sales of investments, whereas in the prior year, there was a net purchase of investments.

Overall, cash and cash equivalents increased by \$4.6 million for the year ended June 30, 2014.

Changes from 2012 to 2013

Cash used in operations decreased by \$4.3 million. Significant changes in cash used in operations include a decrease in payments to employees and for employee benefits of \$2.3 million, a decrease in payments to suppliers of \$800,000 and a decrease in payments for utilities of \$507,000. Also, auxiliary and educational activities increased by \$1.4 million

Cash provided by noncapital financing activities increased by \$4.5 million. Gifts to the University increased by \$5.4 million, other receipts decreased by \$1.1 million, and state appropriations increased by \$257,000.

Cash used in capital and related financing activities decreased by \$1.1 million. During fiscal year 2013 there was a decrease in cash received for capital appropriations of \$13.5 million and a decrease in cash used for the purchase of capital assets of \$14.3 million.

Cash provided by investing activities decreased by \$13.1 million primarily due to the net purchasing of investments, whereas in the prior year, there was a net sale of investments.

Overall, cash and cash equivalents decreased by \$6.4 million for the year ended June 30, 2013.

FACTORS IMPACTING FUTURE PERIODS

Enrollment

Admission is open to all students on a competitive basis. The University's incoming first-year students consistently have average ACT scores greater than the national average. The following tables show that about 33% of accepted students enroll at the University. Michigan residents account for 63% of the University's enrollment.

| | Accepted Students | | | | | | e ACT Scor | es for |
|-----------------------|-------------------|-------|-------|-------|-------|--------------|--------------|-------------|
| Summer and Fall Terms | | | | | | Incoming Fir | st-Year Stud | dents, Fall |
| | 2013 | 2012 | 2011 | 2010 | 2009 | | MTU | National |
| First-Year Students | 3,815 | 3,462 | 3,441 | 3,353 | 3,456 | 2013 | 26.7 | 20.9 |
| Transfer Students | 326 | 400 | 401 | 415 | 403 | 2012 | 26.3 | 21.1 |
| Graduate Students | 1,499 | 1,306 | 1,258 | 1,252 | 1,217 | 2011 | 26.4 | 21.1 |
| Total | 5,640 | 5,168 | 5,100 | 5,020 | 5,076 | 2010 | 26.1 | 21.0 |
| | | | | | | 2009 | 26.0 | 21.1 |

Enrollment has been a priority of the University and is a part of our Strategic Plan.

| Selected Enrollment Data* | | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|-------|--|--|--|--|--|
| Summer and Fall Terms | | | | | | | | | | |
| | 2013 | 2012 | 2011 | 2010 | 2009 | | | | | |
| First-Year Students | 1,253 | 1,153 | 1,161 | 1,115 | 1,160 | | | | | |
| New Transfer Students | 195 | 257 | 219 | 230 | 236 | | | | | |
| Graduate Students | 404 | 393 | 402 | 364 | 443 | | | | | |
| Total | 1,852 | 1,803 | 1,782 | 1,709 | 1,839 | | | | | |

| Enrollment by Residency | | | | | | | | | | |
|-------------------------|-------|-------|-------|-------|-------|--|--|--|--|--|
| | 2013 | 2012 | 2011 | 2010 | 2009 | | | | | |
| Resident | 4,374 | 4,408 | 4,511 | 4,550 | 4,782 | | | | | |
| Non-Resident | 1,471 | 1,426 | 1,404 | 1,381 | 1,457 | | | | | |
| International | 1,057 | 1,018 | 1,011 | 985 | 892 | | | | | |
| Total | 6,902 | 6,852 | 6,926 | 6,916 | 7,131 | | | | | |



| Full-Time Equivalent Students by Residency | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|--|--|--|--|--|
| | 2013 | 2012 | 2011 | 2010 | 2009 | | | | | |
| Resident | 4,069 | 4,079 | 4,200 | 4,239 | 4,410 | | | | | |
| Non-Resident | 1,386 | 1,349 | 1,319 | 1,307 | 1,378 | | | | | |
| International | 988 | 953 | 962 | 925 | 848 | | | | | |
| Total | 6,443 | 6,381 | 6,481 | 6,471 | 6,636 | | | | | |

*Does not include Distance Learning

Degrees Awarded

The University awards four levels of degrees: Associate, Bachelor's, Master's, and Doctoral/Professional. Listed below is a five-year history of degrees awarded.

| Degrees Awarded** | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|--|--|--|--|
| | 2013 | 2012 | 2011 | 2010 | 2009 | | | | |
| Associate | 1 | 0 | 3 | 6 | 23 | | | | |
| Bachelor's | 1,156 | 1,222 | 1,065 | 1,177 | 1,111 | | | | |
| Master's | 282 | 289 | 269 | 202 | 169 | | | | |
| Doctorate | 75 | 63 | 55 | 56 | 57 | | | | |
| Total | 1,514 | 1,574 | 1,392 | 1,441 | 1,360 | | | | |

**Includes Degrees in Second Major



Board of Control and Budget Updates

Michigan Tech's Board of Control approved establishment of the Pavlis Honors College at its regular meeting on February 21, 2014. It is the first named College at Michigan Tech. Named for longtime friend and advocate Frank E. Pavlis, a 1938 alumnus of Michigan Tech, the Pavlis Honors College will provide a home for a number of high-impact academic programs such as the Honors Institute, the Enterprise program, the Pavlis Institute for Global Technological Leadership and the Summer Undergraduate Research Fellowship (SURF) program.

"Over the past sixteen years, Michigan Tech has created some of the most exceptional academic offerings in the country," said Provost Max Seel. "As their success caused them to grow, it became clear that we needed to bring these programs together."

At its regular meeting in February, the Board also approved two new master's degree programs. One will grant a Master of Science in Kinesiology through the Department of Kinesiology and Integrative Physiology. The other will award a Master of Science in Accounting from the School of Business and Economics.

At its regular meeting on May 2, 2014, the Board of Control approved a general fund (operating) budget and tuition rates for the 2015 fiscal year. The budget increased by 5 percent, to \$168.2 million, with state appropriations expected to increase \$2.5 million and tuition and fees expected to bring in \$5.7 million more than in FY 2014.

The Board approved a new differential tuition rate based on students' majors and the cost of supporting those majors. The new formula will bring Michigan Tech's existing differential tuition structure in line with other research universities in the state.

First- and second-year students will pay \$7,020 a semester plus \$150 in fees for 12 to 18 credits. Third- and fourth-year students will pay the same tuition, student activity and Experience Tech fees totaling \$150. They will also pay fees of \$150, \$300 or \$900 a semester, depending on their major.

Students in the School of Business, humanities, mathematics sciences, social sciences and visual and performing arts will pay the \$150 fee. Those majoring in biological sciences, chemistry, kinesiology and integrative physiology, cognitive and learning sciences, physics, the School of Forest Resources and Environmental Science, construction management, electrical engineering technology and mechanical engineering technology will pay a \$300 fee. Students in the College of Engineering, computer science, computer network and systems administration and surveying engineering technology will pay a \$900 fee.

"Most students will see a 2 to 3 percent increase," said Les Cook, vice president of student affairs and advancement. "This structure is similar to what most universities do. Varying degrees cost varying amounts to deliver. This plan is more equitable because the fees are based on the cost of the programs the students are taking."

Although tuition is increasing by about 2 percent, scholarship funds available to students will increase 9 percent, Board members pointed out.



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INDEPENDENT AUDITORS' REPORT

October 15, 2014

Board of Control Michigan Technological University Houghton, Michigan

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of *Michigan Technological University* (the "University"), a component unit of the State of Michigan, as of and for the years ended June 30, 2014 and 2013, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Independent Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the business-type activities of Michigan Technological University as of June 30, 2014 and 2013, and the results of its operations and cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis on pages 8 through 19 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audits were conducted for the purpose of forming an opinion on the financial statements taken as a whole. The supplementary information identified in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in our audits of the financial statements and, accordingly, we do not express an opinion or provide any assurance on it.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued, under separate cover, our report dated October 15, 2014, on our consideration of Michigan Technological University's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control over financial reporting and compliance.

Rehmann Lobarn LLC



MICHIGAN TECHNOLOGICAL UNIVERSITY STATEMENTS OF NET POSITION

| | | June 30 |
|--|-------------------|-------------------|
| | 2014 | 2013 |
| Assets | | |
| Current assets | | |
| Cash and cash equivalents | \$ 12,449,982 | \$ 7,830,318 |
| Accounts receivable, net | 15,336,095 | 17,579,084 |
| Pledges receivable, net | 1,588,087 | 3,916,458 |
| Other assets | 1,904,863 | 1,970,702 |
| Total current assets | 31,279,027 | 31,296,562 |
| Noncurrent assets | | |
| Student loans receivable, net | 11,865,226 | 12,141,355 |
| Pledges receivable, net of allowance and current portion | 2,433,799 | 3,348,269 |
| Investments | 128,235,204 | 114,386,187 |
| Beneficial interest in charitable remainder trusts | 5,349,710 | 4,854,847 |
| Land held for investment | 10,093,197 | 9,926,541 |
| Capital assets, net | 246,085,350 | 253,799,271 |
| Other assets | 1,951,603 | 1,940,810 |
| Total noncurrent assets | 406,014,089 | 400,397,280 |
| Total assets | \$ 437,293,116 | \$ 431,693,842 |
| Liabilities | | |
| Current liabilities | | |
| Accounts payable | \$ 4,703,043 | \$ 4,846,284 |
| Other accrued liabilities | 9,899,373 | 9,188,834 |
| Unearned revenue | 3,250,484 | 2,939,264 |
| Annuity obligations, current portion | 352,703 | 339,351 |
| Insurance and benefit reserves, current portion | 1,273,406 | 1,810,640 |
| Long-term debt, current portion | 2,844,399 | 2,802,764 |
| Total current liabilities | 22,323,408 | 21,927,137 |
| Noncurrent liabilities | | |
| Funds held for others | 678,049 | 670,950 |
| Annuity obligations, net of current portion | 4,812,564 | 4,133,993 |
| Insurance and benefit reserves, net of current portion | 543,581 | 770,036 |
| Long-term debt, net of current portion | 79,910,265 | 82,909,172 |
| Total noncurrent liabilities | 85,944,459 | 88,484,151 |
| Total liabilities | \$ 108,267,867 | \$ 110,411,288 |
| Net position | | |
| Net investment in capital assets | 164,399,706 | 169,009,147 |
| Restricted: | | |
| Nonexpendable | 72,488,002 | 68,536,641 |
| Expendable | 76,264,509 | 72,263,098 |
| Unrestricted | 15,873,032 | 11,473,668 |
| | | |

MICHIGAN TECHNOLOGICAL UNIVERSITY STATEMENTS OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION

| INENTS OF REVENCES, EXTENSES, AND | 0 | | inded June 30 |
|---|----|--------------|-------------------|
| | | 2014 | 2013 |
| Revenues | | | |
| Operating revenues | | | |
| Student tuition and fees (net of scholarship allowances of | | | |
| \$33,292,090 and \$30,198,282 in 2014 and 2013, respectively) | \$ | 83,509,973 | \$ 78,187,511 |
| Federal grants and contracts | | 29,154,809 | 31,367,914 |
| State and local grants and contracts | | 3,201,394 | 2,445,292 |
| Nongovernmental grants and contracts | | 12,958,372 | 13,001,201 |
| Educational activities | | 5,109,812 | 4,706,789 |
| Departmental activities | | 8,868,780 | 9,238,144 |
| Student residence fees (net of scholarship allowances of | | | |
| \$6,756,136 and \$6,095,525 in 2014 and 2013, respectively) | | 17,479,750 | 16,500,621 |
| Total operating revenues | | 160,282,890 | 155,447,472 |
| Expenses | | | |
| Operating expenses | | 1 47 171 044 | 145 (20 047 |
| Compensation and benefits | | 147,171,944 | 145,629,847 |
| Supplies and services | | 50,823,198 | 50,054,815 |
| Student financial support | | 6,732,569 | 7,115,958 |
| Utilities | | 7,572,383 | 7,483,914 |
| Depreciation | | 14,648,214 | 13,977,403 |
| Total operating expenses | | 226,948,308 | 224,261,937 |
| Operating loss Nonoperating revenues (expenses) | | (66,665,418) | (68,814,465) |
| Federal Pell grants | | 5,715,100 | 5,836,503 |
| Federal grants, other | | 523,687 | 577,721 |
| State appropriations | | 43,785,501 | 42,633,969 |
| Gifts | | 6,510,256 | 12,802,560 |
| Investment return | | 16,430,829 | 9,829,998 |
| Interest on capital asset-related debt | | (3,689,272) | (4,128,952) |
| Loss on disposal of capital assets | | (200,098) | (1,477,521) |
| Net nonoperating revenues | | 69,076,003 | 66,074,278 |
| Income (loss) before other revenues | | 2,410,585 | (2,740,187) |
| Other revenues | | | () |
| Capital appropriations | | 210,482 | 1,691,591 |
| Capital grants and gifts | | 990,551 | 1,337,663 |
| Gifts for permanent endowment purposes | | 3,951,361 | 2,466,921 |
| Other nonoperating revenues | | 179,716 | 245,588 |
| Total other revenues | | 5,332,110 | 5,741,763 |
| Net increase in net position | | 7,742,695 | 3,001,576 |
| Net position | | | |
| Beginning of year | | 321,282,554 | 318,280,978 |
| End of year | \$ | 329,025,249 | \$ 321,282,554 |



MICHIGAN TECHNOLOGICAL UNIVERSITY STATEMENTS OF CASH FLOWS

| ants and contracts ayments to employees (1 ayments for benefits (1 | 47,437,742 13,164,800) (34,132,400) (50,903,356) (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | 2013 \$ 77,021,353 47,322,208 (110,256,747) (36,133,364) (49,547,904) (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 16,487,221 |
|--|--|--|
| udent tuition and fees \$ rants and contracts (1 ayments to employees (1 ayments for benefits (1 ayments to suppliers (1 ayments for benefits (1 ayments for utilities (1 ayments for utilities (1 ayments for financial aid (1 ans issued to students (1 collection of loans to students (1 epartmental activities (1 | 47,437,742 113,164,800) (34,132,400) (50,903,356) (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | 47,322,208 (110,256,747) (36,133,364) (49,547,904) (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| rants and contracts ayments to employees (1 ayments for benefits (ayments to suppliers (ayments for utilities ayments for financial aid ans issued to students collection of loans to students epartmental activities | 47,437,742 113,164,800) (34,132,400) (50,903,356) (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | 47,322,208 (110,256,747) (36,133,364) (49,547,904) (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ayments to employees (1 ayments for benefits (ayments to suppliers (ayments for utilities ayments for financial aid ans issued to students oblection of loans to students epartmental activities | 113,164,800) (34,132,400) (50,903,356) (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | (110,256,747) (36,133,364) (49,547,904) (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ayments for benefits ((ayments to suppliers () ayments for utilities ayments for financial aid ans issued to students collection of loans to students epartmental activities | (34,132,400) (50,903,356) (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | (36,133,364) (49,547,904) (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ayments to suppliers (ayments for utilities ayments for financial aid ans issued to students ollection of loans to students epartmental activities | (50,903,356) (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | (49,547,904) (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ayments for utilities ayments for financial aid ans issued to students ollection of loans to students epartmental activities | (7,588,305) (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | (7,511,324) (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ayments for financial aid ans issued to students ollection of loans to students epartmental activities | (6,732,569) (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | (7,115,958) (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ans issued to students ollection of loans to students epartmental activities | (2,095,361) 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | (2,021,680) 2,087,539 9,207,042 4,832,299 |
| ollection of loans to students epartmental activities | 2,371,489 8,904,220 5,085,163 17,496,351 49,163 | 2,087,539 9,207,042 4,832,299 |
| epartmental activities | 8,904,220 5,085,163 17,496,351 49,163 | 9,207,042 4,832,299 |
| | 5,085,163 17,496,351 49,163 | 4,832,299 |
| lucational activities | 17,496,351 49,163 | |
| | 49,163 | 16,487.221 |
| udent residence fees | | |
| her receipts | | 198,020 |
| et cash used in operating activities (| (49,004,478) | (55,431,295) |
| ash flows from noncapital financing activities | | |
| deral Pell grants | 5,680,880 | 5,840,879 |
| deral grants, other | 523,687 | 577,721 |
| ate appropriations | 43,622,828 | 42,298,422 |
| fts and grants for other than capital purposes | 7,746,287 | 11,552,955 |
| ayments to annuitants | (344,184) | (324,623) |
| her receipts | 179,716 | 245,588 |
| illiam D. Ford direct lending cash received | 28,825,328 | 28,868,858 |
| illiam D. Ford direct lending cash disbursed (| (28,914,942) | (28,751,486) |
| et cash provided by noncapital financing activities | 57,319,600 | 60,308,314 |
| ash flows from capital and related financing activities | | |
| apital appropriations | 210,482 | 1,691,561 |
| ants and gifts received for capital and endowment purposes | 4,215,696 | 6,546,540 |
| oceeds from sale of capital assets | 22,600 | 105,509 |
| irchases of capital assets | (6,702,241) | (9,128,416) |
| oceeds on issuance of debt | - | 15,023,022 |
| ncipal paid on capital debt and leases | (2,957,272) | (15,403,678) |
| erest paid on capital debt and leases | (3,660,372) | (3,854,931) |
| et cash used in capital and related financing activities | (8,871,107) | (5,020,393) |
| ash flows from investing activities | | |
| oceeds from sales and maturities of investments | 46,416,579 | 42,834,690 |
| irchase of investments (| (44,498,335) | (51,623,056) |
| come on investments | 3,257,405 | 2,501,367 |
| et cash provided by (used in) investing activities | 5,175,649 | (6,286,999) |
| et increase (decrease) in cash and cash equivalents | 4,619,664 | (6,430,373) |
| ash and cash equivalents, beginning of year | 7,830,318 | 14,260,691 |
| ash and cash equivalents, end of year \$ The accompanying notes are an integral part of these financial | 12,449,982 | \$7,830,318 |

MICHIGAN TECHNOLOGICAL UNIVERSITY STATEMENTS OF CASH FLOWS (continued)

| | Year | Ended June 30 |
|---|-----------------|-----------------|
| | 2014 | 2013 |
| Reconciliation of operating loss to net cash used in operating activities | | |
| Operating loss | \$ (66,665,418) | \$ (68,814,465) |
| Adjustments to reconcile operating loss to net cash used in operating activities: | | |
| Depreciation expense | 14,648,214 | 13,977,403 |
| Changes in operating assets and liabilities: | | |
| Receivables, net | 2,525,166 | 197,263 |
| Other assets | 65,839 | (49,105) |
| Student loans receivable | 276,129 | 65,859 |
| Accounts payable | (119,577) | (186,101) |
| Other accrued liabilities | 710,539 | 737,749 |
| Unearned revenue | 311,220 | (109,548) |
| Funds held for others | 7,099 | (9,500) |
| Insurance and benefit reserves | (763,689) | (1,240,850) |
| Net cash used in operating activities | \$ (49,004,478) | \$ (55,431,295) |
| The accompanying notes are an integral part of these financial | statomonts | |





NOTES TO THE FINANCIAL STATEMENTS

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

BASIS OF PRESENTATION

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 discretely presented component unit. Transactions with the State of Michigan relate primarily to appropriations for operations, grants from various state agencies, State Building Authority (SBA) revenues, and payments to the state retirement program for University employees.

The University has two component units which are described below. The descriptions include the impact that each component unit has on the University.

The Michigan Tech Fund (the "Fund") is a legally separate tax-exempt component unit of the University. The primary purpose of the Fund is to receive, invest, and disburse gifts received on behalf of the University. The Fund provides services entirely to the University and has substantially the same governing body. The Fund is blended into the University's financial statements because management of the University has operational responsibility for the Fund and the Fund exclusively benefits the University. The June 30, 2014, audited financial statements of the Fund can be obtained from its office at 1400 Townsend Drive, Houghton, MI 49931.

The Michigan Tech Entrepreneurial Support Corporation (MTESC) is a legally separate tax-exempt component unit of the University. The primary purpose of the MTESC is to support the entrepreneurial and commercial development efforts of the University. The MTESC meets the criteria for blending its financial activity into the University's financial statements. The MTESC provides services entirely to the University and has substantially the same governing body. The University, however, has excluded the MTESC's financial activity from the financial statements due to insignificance.

The financial statements include the operations of the University and the Fund, collectively known as the University's financial statements.



Condensed financial information for the Michigan Tech Fund is provided below:

| Michigan Tech Fund Condensed Statements of Net Position As of June 30 | | | | | |
|---|----|-------------|----|-------------|--|
| | | 2014 | | 2013 | |
| Assets | | | | | |
| Current assets | \$ | 5,705,934 | \$ | 7,805,437 | |
| Noncurrent assets: | | | | | |
| Capital assets, net | | - | | 2,947 | |
| Investments | | 113,830,960 | | 102,503,128 | |
| Other | | 9,065,368 | | 9,525,622 | |
| Total assets | | 128,602,262 | | 119,837,134 | |
| Liabilities | | | | | |
| Current liabilities: | | | | | |
| Accounts payable to University | | 325,707 | | 371,290 | |
| Other | | 460,841 | | 441,286 | |
| Noncurrent liabilities | | 4,812,564 | | 4,133,993 | |
| Total liabilities | | 5,599,112 | | 4,946,569 | |
| Net position | | | | | |
| Restricted | | | | | |
| Nonexpendable | | 72,488,002 | | 68,536,641 | |
| Expendable | | 47,170,149 | | 43,548,704 | |
| Unrestricted | | 3,344,999 | | 2,805,220 | |
| Total net position | \$ | 123,003,150 | \$ | 114,890,565 | |





| Michigan Tech Fund | _ | | _ | |
|--|----|--------------|----|--------------|
| Condensed Statement of Revenues, Expenses, and Changes in Net Position | | | | |
| Year Ended June 30 | | | | |
| | | 2014 | | 2013 |
| Operating expenses | | | | |
| Supplies and services | \$ | 12,146,303 | \$ | 12,645,908 |
| Student financial support | | 3,903,293 | | 1,548,647 |
| Depreciation | | 2,947 | | 3,950 |
| Total operating expenses | | 16,052,543 | | 14,198,505 |
| Operating loss | | (16,052,543) | | (14,198,505) |
| Nonoperating revenues and expenses | | | | |
| Gifts | | 6,499,056 | | 12,800,831 |
| Investment return | | 13,357,340 | | 7,446,716 |
| Gifts for capital and permanent endowment purposes | | 4,129,016 | | 3,916,474 |
| Other nonoperating revenues | | 179,716 | | 145,588 |
| Net nonoperating revenues | | 24,165,128 | | 24,309,609 |
| Increase in net position | | 8,112,585 | | 10,111,104 |
| Net position | | | | |
| Beginning of year | | 114,890,565 | | 104,779,461 |
| End of year | \$ | 123,003,150 | \$ | 114,890,565 |



| Michigan Tech Fund Condensed Statement of Cash Flows Year Ended June 30 | | | | | |
|---|----|--------------|----|--------------|--|
| | | 2014 | | 2013 | |
| Cash (used in) provided by | | | | | |
| Operating activities | \$ | (15,970,431) | \$ | (13,730,410) | |
| Noncapital financing activities | | 7,570,619 | | 11,372,191 | |
| Capital and related financing activities | | 4,015,804 | | 4,687,409 | |
| Investing activities | | 4,636,025 | | (4,479,571) | |
| Net increase (decrease) in cash and cash equivalents | | 252,017 | | (2,150,381) | |
| Cash and cash equivalents, beginning of year | | 3,723,033 | | 5,873,414 | |
| Cash and cash equivalents, end of year | \$ | 3,975,050 | \$ | 3,723,033 | |

Basis of Presentation

The accompanying financial statements have been prepared using the economic resource measurement focus and the accrual basis of accounting. In accordance with governmental accounting standards, the University follows all applicable GASB pronouncements. In applying these accounting pronouncements, the University follows the guidance for special-purpose governments engaged only in "business type" activities rather than issuing financial statements that focus on accountability of individual funds.

Use of Estimates

The preparation of the financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Significant estimates include, but are not limited to, the allowance for doubtful accounts and pledges receivable, accrued compensated absences, other postemployment benefit liability, insurance claims incurred but not reported, fair value of investments that are not readily marketable, and life expectancies for split-interest gift agreements.

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

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.

Pledges Receivable and Gifts

Pledges receivable and gifts are recognized at their fair values as revenues in the periods received. Pledges receivable that are expected to be collected in future years are recorded at the present value of estimated future cash flows. All pledges receivable are recorded at their net realizable values.

Investments

The University's investments in marketable securities are carried at quoted fair market value whenever possible. The University also holds land for investment purposes which functions as an endowment and is recorded at fair value. Fair value is arrived at through independent appraisals of the land and of the timber holdings.

Fund investments in marketable securities including hedge funds are carried at quoted fair market value whenever possible. Hedge funds' fair values are based on information provided by the administrators of each underlying fund. Real estate and natural resources are accounted for on the equity method. Private equity funds that do not have readily determinable market values as of June 30 are valued based on the most recent available partner capital account balances as reported by the partnerships to the Fund. The partnership valuations involve assumptions and methods that are reviewed by the Fund. Because of the inherent uncertainty of valuations in the absence of a highly liquid market, private equity funds' estimated values may differ materially from the values that would have been used if a ready market for the securities existed. Gifts of securities are recorded at their fair value based on the mean of the high and low quoted price of stock transactions at the date of the gift. Except for investments that are not readily marketable or where donors specifically provide otherwise, investments are maintained by custodial institutions responsible for consummating investment transactions at the request of the Fund to facilitate cash flow requirements. The Fund employs an asset allocation investment policy and uses the services of an investment advisor to facilitate the

implementation of this policy. Asset allocations are reviewed monthly and rebalanced as necessary. The Fund's Investment Committee of the Board of Trustees provides oversight of the investment advisor and makes recommendations to the Board of Directors concerning any changes in the asset allocation. Each



month, the Fund allocates and credits investment earnings (including realized and unrealized gains and losses) on nonexpendable restricted, expendable restricted, and unrestricted net position to departmental funds based on an average of each fund's beginning and ending monthly balances. Any unrealized losses on amounts invested for donor-restricted endowments are recorded as expendable restricted to the extent of unexpended earnings of the respective endowment fund. Any unrealized losses in excess of that amount are charged to unrestricted net position. Subsequent unrealized appreciation on the related investments is recorded as unrestricted up to the amount of losses previously absorbed by unrestricted net position.

Capital Assets

The University currently uses a \$5,000 capitalization threshold for capital assets acquired with an estimated useful life in excess of one year. Physical properties are stated at cost when purchased. Other acquisitions are stated at appraised value on date of receipt. Depreciation is provided for physical properties on a straight-line basis over the estimated useful life of the property, generally as follows:

| Classification | Life |
|--------------------------------------|----------|
| Land improvements and infrastructure | 20 years |
| Buildings | 40 years |
| Computer equipment | 5 years |
| Equipment | 7 years |
| Library books | 5 years |

Goodwill

The University purchased the assets of Environmental and Emerging Technologies Division (EETD) (a division of Altarum Institute) for a price of \$1.4 million. The University operates this research center under the name of Michigan Tech Research Institute (MTRI). The purchase price exceeded the value of net assets by \$978,544 and was considered goodwill. The University does not amortize goodwill. Management annually analyzes the goodwill for impairment. At year end, management concludes there is no impairment of goodwill. Goodwill is included with other assets (noncurrent) on the Statements of Net Position.

Revenue Recognition

Revenues are recognized when earned. State appropriation revenue is recognized in the period for which it is appropriated. Restricted grant revenue is recognized only to the extent expended. Restricted and unrestricted resources are allocated to the appropriate departments within the University that are responsible for adhering to any donor restrictions.

Classification of Revenues

The University and the Fund classify revenues as either operating or nonoperating revenues according to the following criteria:

Operating Revenues

Operating revenues of the University include activities that have the characteristics of exchange transactions, such as (1) student tuition and fees, net of scholarship discounts and allowances; (2) auxiliary enterprises; and (3) most federal, state, and local grants and contracts and federal appropriations.

Nonoperating Revenues

Nonoperating revenues of the University include activities that have the characteristics of nonexchange transactions, such as gifts and contributions, state appropriations, investment income, interest on institutional student loans, and other revenue sources that are defined as nonoperating revenues by governmental accounting standards.

Classification of Expenses

Expenses are recognized when the service is provided or when materials are received. The University and the Fund have classified expenses as either operating or nonoperating expenses according to the following criteria:

Operating Expenses

Operating expenses include activities that have the characteristics of exchange transactions, such as (1) employee salaries, benefits, and related expenses; (2) scholarships and fellowships, net of scholarship discounts and allowances; (3) utilities, supplies, and other services; (4) professional fees; and (5) depreciation expense related to University capital assets.

Nonoperating Expenses

Nonoperating expenses include activities that have the characteristics of nonexchange transactions, such as interest on capital asset-related debt and other expenses that are defined as nonoperating expenses by governmental accounting standards.

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 under Internal Revenue Code Sections 511 to 514. No such taxes were incurred for either fiscal year presented in this report. The Fund is exempt from federal income taxes under Internal Revenue Code section 501(c)(3).

Net Position

The University's net position is classified as follows:

Net investment in capital assets

Capital assets, net of accumulated depreciation and outstanding principal balances of debt attributable to the acquisition, construction, or improvement of those assets.

Restricted for nonexpendable purposes

Net position from gifts and other inflows of assets that represent permanent endowments. Use of these gifts is limited by donor-imposed stipulations that neither expire by the passage of time nor can be fulfilled or otherwise removed by the University.

Restricted for expendable purposes

Net position 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. Such net position includes net appreciation of permanent endowment funds and funds designated for student financial aid and other University programs.

Unrestricted

Net position that is not subject to externally imposed stipulations. Unrestricted net position 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.



Upcoming Accounting Pronouncements

The Governmental Accounting Standards Board has issued GASB Statement No. 68, Accounting and *Financial Reporting for Pensions*, which will be effective for the University's fiscal year ending June 30, 2015. This statement will require the recognition of a net pension liability on the statement of net position, equal to the University's proportionate share of the net liability of the Michigan Public School Employees Retirement System (MPSERS), as defined and calculated in accordance with the new standard. While the exact amount of this liability is not readily determinable at this time, management estimates that it may approximate \$50.2 million. This statement will require the net pension liability to be recorded for the year ending June 30, 2015, by restating beginning net position as of July 1, 2014.

Reclassification

Certain amounts as reported in the 2013 financial statements have been reclassified to conform to the 2014 presentation.

(2) CASH AND INVESTMENTS

Authorizations

The University utilizes the "pooled cash" method of accounting for substantially all of its cash and cash equivalents. The University investment policies are governed and authorized by University Bylaws and the Board of Control. The Fund's investment policies are governed by its Board of Directors and the performance of its investments is monitored by its Investment Committee.

Interest rate risk

Neither the University nor the Fund has a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

Credit risk

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 US Treasury and federal agencies, or in mutual funds holding securities of the US Treasury and federal agencies, or in mutual funds holding securities of the US Treasury and federal agencies, or in mutual funds holding securities of the US Treasury and federal agencies, and in time savings accounts. University policies regarding investments and marketable securities, as set forth by the Board of Control, authorize the University to invest in US Treasury obligations; commercial paper rated within the two highest classifications of prime as established by at least one of the standard rating services; federal agency securities; certificates of deposit issued by FDIC insured banks or an NCUA credit union member; or Eurodollar time deposits in Tier 1, 2, or 3 banks.

Custodial credit risk: deposits

For deposits, custodial credit risk is present if the University's deposits would not be covered by depository insurance or collateralized by the bank. State law does not require and the University does not have a policy for deposit custodial credit risk. Deposits were reflected in the accounts of the banks at \$9,479,775 and \$6,934,552 as of June 30, 2014 and 2013, respectively. There were no University bank deposit balances exposed to custodial credit risk because they were uninsured or uncollateralized, as of June 30, 2014 and 2013. The Fund had \$9,152 and \$881,980 exposed to custodial credit risk because the deposits were uninsured or uncollateralized, as of June 30, 2014 and 2013, respectively.

Custodial credit risk: investments

For an investment, custodial credit risk is the risk that, in the event of the failure of the counter party, the University will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Neither the University nor the Fund has a policy for investment custodial risk. However, all investments are in the name of the University or the Fund, as applicable, and the investments are held in accounts with each financial institution from which they were purchased.

Concentration of credit risk

Neither the University's nor the Fund's investment policy has specific limits on concentration of credit risk. The majority of the University's and Fund's investments are in mutual funds; accordingly, concentration of credit risk is considered to be insignificant.

Foreign currency risk

The University and Fund invest in mutual funds whose underlying investments are in foreign currency; however, management of the University and Fund does not believe that there is significant risk as a result of these investments.

Investments and Investment Return

Investments, carried at fair value, at June 30, 2014 and 2013, are categorized as follows:

| Investment Port | folio | | |
|-----------------------------------|-------|-------------|-------------------|
| | | 2014 | 2013 |
| Marketable sercurities | | | |
| Equities | \$ | 615,150 | \$ 438,271 |
| Equity mutual funds | | 65,250,062 | 55,618,661 |
| Fixed income mutual funds | | 39,741,789 | 37,920,317 |
| Total marketable securities | | 105,607,001 | 93,977,249 |
| Alternative investments | | | |
| Hedge funds | | 16,361,123 | 13,864,073 |
| Private equity | | 914,973 | 5,537,416 |
| Real estate and natural resources | | 5,332,107 | 987,449 |
| Total alternative investments | | 22,608,203 | 20,388,938 |
| Closely-held stock | | 20,000 | 20,000 |
| Total investments | \$ | 128,235,204 | \$ 114,386,187 |

The University's net investment return is comprised of the following for the years ended June 30, 2014 and 2013.

| Investment Return | | |
|--|------------------|-----------------|
| | 2014 | 2013 |
| Dividends and interest | \$ 2,480,699 | \$ 2,516,937 |
| Capital gain distributions | 1,214,307 | 480,289 |
| Net gain on sale of investments | 2,848,941 | 4,305,483 |
| Net increase in the fair value of investments | 10,128,832 | 2,651,817 |
| Net increase in the fair value of land held for investment | 218,096 | 354,526 |
| Asset-based management and administrative fees | (460,046) | (479,054) |
| Total investment return | \$ 16,430,829 | \$ 9,829,998 |


(3) RECEIVABLES

| Accounts Receivable | | | | | | | | | |
|--------------------------------------|----|------------|----|------------|--|--|--|--|--|
| | | 2014 | | 2013 | | | | | |
| Student tuition and fees | \$ | 1,024,215 | \$ | 1,675,406 | | | | | |
| State appropriations | | | | | | | | | |
| Operating | | 7,904,330 | | 7,741,657 | | | | | |
| Capital | | 121 | | 55,040 | | | | | |
| Grants and contracts | | 5,273,422 | | 7,496,692 | | | | | |
| Auxiliary activities | | 452,040 | | 498,168 | | | | | |
| Other | | 783,672 | | 212,958 | | | | | |
| Less allowance for doubtful accounts | | (101,705) | | (100,837) | | | | | |
| Accounts receivable, net | \$ | 15,336,095 | \$ | 17,579,084 | | | | | |

Accounts receivable of the University are summarized as follows as of June 30, 2014 and 2013.

In addition, the University has student loans receivable in the amount of \$11,865,226 and \$12,141,355, recorded at June 30, 2014 and 2013, respectively. These amounts are net of an allowance for uncollectible accounts of \$169,461 for both years.

Pledges receivable of the University are summarized as follows as of June 30, 2014 and 2013.

| Pledges Receivable | | |
|--|-----------------|-----------------|
| | 2014 | 2013 |
| Pledges receivable in less than one year | \$ 3,254,675 | \$ 4,914,899 |
| Pledges receivable in one to five years | 2,583,406 | 3,621,426 |
| Pledges receivable in more than five years | 179,665 | 134,025 |
| Less: | | |
| Allowance for uncollectible pledges | (1,666,588) | (998,441) |
| Present value discount | (329,272) | (407,182) |
| Net pledges receivable | \$ 4,021,886 | \$ 7,264,727 |

The present value of future cash flows were estimated using .25% over the risk-adjusted rate at the date of the gift. Risk-adjusted rates range from .72% to 2.78%.



(4) CAPITAL ASSETS

The following table presents the changes in the capital asset class categories for the year ended June 30, 2014:

| Changes in Capital Assets 2014 | | | | | | | | |
|---------------------------------------|-------------------|----------------|----------------|----------------|--|--|--|--|
| | 2014 | Additions/ | Disposals/ | | | | | |
| | Beginning Balance | Transfers | Transfers | Ending Balance | | | | |
| Nondepreciable capital assets | | | | | | | | |
| Land | \$ 9,427,942 | \$ 80,000 | \$- | \$ 9,507,942 | | | | |
| Mineral collections | 5,861,639 | 64,531 | - | 5,926,170 | | | | |
| Timber holdings | 400,752 | - | - | 400,752 | | | | |
| Construction in progress | 2,218,052 | 993,250 | (1,604,493) | 1,606,809 | | | | |
| Cost of nondepreciable capital assets | 17,908,385 | 1,137,781 | (1,604,493) | 17,441,673 | | | | |
| | | | | | | | | |
| Depreciable capital assets | | | | | | | | |
| Land improvements | 1,645,508 | - | (73,082) | 1,572,426 | | | | |
| Infrastructure | 5,194,537 | - | (177,084) | 5,017,453 | | | | |
| Buildings | 358,066,995 | 2,020,803 | (26,925) | 360,060,873 | | | | |
| Equipment | 43,124,944 | 5,563,951 | (9,110,163) | 39,578,732 | | | | |
| Library books | 947,926 | 16,349 | (453,757) | 510,518 | | | | |
| Cost of depreciable capital assets | 408,979,910 | 7,601,103 | (9,841,011) | 406,740,002 | | | | |
| Total cost of capital assets | 426,888,295 | 8,738,884 | (11,445,504) | 424,181,675 | | | | |
| Less: accumulated depreciation | | | | | | | | |
| Land improvements | 879,057 | 78,621 | (73,082) | 884,596 | | | | |
| Infrastructure | 2,449,014 | 251,006 | (177,084) | 2,522,936 | | | | |
| Buildings | 144,446,131 | 8,641,103 | (20,531) | 153,066,703 | | | | |
| Equipment | 24,599,788 | 5,580,462 | (8,916,459) | 21,263,791 | | | | |
| Library books | 715,034 | 97,022 | (453,757) | 358,299 | | | | |
| Total accumulated depreciation | 173,089,024 | 14,648,214 | (9,640,913) | 178,096,325 | | | | |
| Capital assets, net | \$ 253,799,271 | \$ (5,909,330) | \$ (1,804,591) | \$ 246,085,350 | | | | |





The following table presents the changes in the capital asset class categories for the year ended June 30, 2013:

| | | Changes in Capi 2013 | tal | Assets | | | | |
|---------------------------------------|----|-------------------------|-----|-------------------------|-------------------------|-------------|----|--------------|
| | Be | ginning Balance | | Additions/ Transfers | Disposals/ Transfers | | En | ding Balance |
| Nondepreciable capital assets | | | | | | | | |
| Land | \$ | 9,229,260 | \$ | 216,282 | \$ | (17,600) | \$ | 9,427,942 |
| Mineral collections | | 5,844,136 | | 17,503 | | - | | 5,861,639 |
| Timber holdings | | 400,752 | | - | | - | | 400,752 |
| Construction in progress | | 3,170,271 | | 3,361,013 | | (4,313,232) | | 2,218,052 |
| Cost of nondepreciable capital assets | | 18,644,419 | | 3,594,798 | | (4,330,832) | | 17,908,385 |
| Depreciable capital assets | | | | | | | | |
| Land improvements | | 1,645,508 | | - | | - | | 1,645,508 |
| Infrastructure | | 5,137,017 | | 57,520 | | - | | 5,194,537 |
| Buildings | | 353,640,282 | | 4,426,713 | | - | | 358,066,995 |
| Equipment | | 39,338,927 | | 6,739,132 | | (2,953,115) | | 43,124,944 |
| Library books | | 909,339 | | 38,587 | | - | | 947,926 |
| Cost of depreciable capital assets | | 400,671,073 | | 11,261,952 | | (2,953,115) | | 408,979,910 |
| Total cost of capital assets | | 419,315,492 | | 14,856,750 | | (7,283,947) | | 426,888,295 |
| Less: accumulated depreciation | | | | | | | | |
| Land improvements | | 797,310 | | 81,747 | | - | | 879,057 |
| Infrastructure | | 2,198,008 | | 251,006 | | - | | 2,449,014 |
| Buildings | | 136,066,759 | | 8,379,372 | | - | | 144,446,131 |
| Equipment | | 20,949,389 | | 5,143,593 | | (1,493,194) | | 24,599,788 |
| Library books | | 593,349 | | 121,685 | | - | | 715,034 |
| Total accumulated depreciation | | 160,604,815 | | 13,977,403 | | (1,493,194) | | 173,089,024 |
| Capital assets, net | \$ | 258,710,677 | \$ | 879,347 | \$ | (5,790,753) | \$ | 253,799,271 |



Construction in Progress

One of the critical factors in continuing the quality of the University's academic programs, research programs, and residential life is the development and renewal of its capital assets. The University continues to maintain and amend its long-range capital plan to modernize its complement of older facilities balanced with new construction. Construction in progress reflects multiyear projects which, once completed and placed into service, are categorized as buildings, land improvements, and infrastructure. At June 30, 2014 and 2013, respectively, construction in progress consisted of several building renovation projects and the costs of one new building as detailed below.

| Construction in Progress | | | | | | | | | |
|--|----|-----------|----|-----------|--|--|--|--|--|
| Project | | 2014 | | 2013 | | | | | |
| Seaman Mineral Museum | \$ | - | \$ | 1,555,726 | | | | | |
| Student Success Center (Administration Building) | | - | | 209,054 | | | | | |
| SDC mass notification system | | - | | 313,979 | | | | | |
| Keweenaw Research Center building addition | | 776,755 | | - | | | | | |
| John E. McAllister Welcome Center | | 301,259 | | - | | | | | |
| ATDC building upgrades | | 142,983 | | - | | | | | |
| Lakeshore Center building upgrades | | 203,595 | | - | | | | | |
| Other projects | | 182,217 | | 139,293 | | | | | |
| Total | \$ | 1,606,809 | \$ | 2,218,052 | | | | | |

The expected sources of financing for these projects are University funds and private gifts.





(5) LINE OF CREDIT

The University has an unused line of credit arrangement with one bank, under which it may borrow up to \$20 million. This agreement is set at variable rates of interest, based on the 30-day London Interbank Offered Rate ("LIBOR") plus 150 basis points. There are no restrictive covenants associated with this line of credit. The line of credit expires on January 31, 2015.

(6) ACCOUNTS PAYABLE AND OTHER ACCRUED LIABILITIES

Accounts payable and other accrued liabilities of the University are summarized as follows as of June 30, 2014 and 2013.

| Accounts Payable | | | | | | | | | | |
|-----------------------------------|----|-----------|----|-----------|--|--|--|--|--|--|
| | | 2014 | | 2013 | | | | | | |
| Vendors for supplies and services | \$ | 2,701,161 | \$ | 3,660,612 | | | | | | |
| Employee benefits | | 703,323 | | 653,857 | | | | | | |
| Construction payables | | 1,298,559 | | 531,815 | | | | | | |
| Total accounts payable | \$ | 4,703,043 | \$ | 4,846,284 | | | | | | |

| Other Accrued Liabilities | | | | | | | | | | |
|---------------------------------|----|-----------|----|-----------|--|--|--|--|--|--|
| | | 2014 | | 2013 | | | | | | |
| Payroll and payroll taxes | \$ | 4,734,535 | \$ | 4,397,907 | | | | | | |
| Compensated absences | | 4,342,094 | | 4,089,735 | | | | | | |
| Deposits payable | | 822,744 | | 701,192 | | | | | | |
| Total other accrued liabilities | \$ | 9,899,373 | \$ | 9,188,834 | | | | | | |









(7) NONCURRENT LIABILITIES

| | Noncur | rent Liabilities | | | |
|--|----------------------|--------------------------------|------------------------------|--------------------------------|-----------------------------|
| | | June 30, 2014 | | | |
| General revenue bonds | Beginning Balance | Additions | Reductions | Ending Balance | Current Portion |
| General revenue bonds, 2004A | \$ 785,000 | \$ - | \$ 785,000 | \$ - | \$ - |
| General revenue bonds, 2006 | 210,000 | - | 65,000 | 145,000 | 70,000 |
| General revenue bonds, 2008 | 5,465,000 | - | 125,000 | 5,340,000 | 125,000 |
| General revenue bonds, 2009A/2009B | 17,160,000 | - | 375,000 | 16,785,000 | 385,000 |
| General revenue bonds, 2010A | 10,230,000 | - | 660,000 | 9,570,000 | 670,000 |
| General revenue bonds, 2012A | 32,800,000 | - | 325,000 | 32,475,000 | 1,155,000 |
| General revenue bonds, 2013A | 14,265,000 | - | 155,000 | 14,110,000 | 115,000 |
| Total bonds payable | 80,915,000 | - | 2,490,000 | 78,425,000 | 2,520,000 |
| Bond premium | 3,540,886 | - | 147,671 | 3,393,215 | - |
| Capital leases | 1,256,050 | - | 319,601 | 936,449 | 324,399 |
| Total debt | 85,711,936 | - | 2,957,272 | 82,754,664 | 2,844,399 |
| Other liabilities | | | | | |
| Insurance and postemployment benefits | 1,810,640 | 2,054,592 | 2,591,826 | 1,273,406 | 1,273,406 |
| Funds held for others | 670,950 | 198,599 | 191,500 | 678,049 | - |
| Postemployment benefit health care | 770,036 | 468,098 | 694,553 | 543,581 | - |
| Annuity and pooled income obligations | 4,473,344 | 1,093,289 | 401,366 | 5,165,267 | 352,703 |
| Total | \$ 93,436,906 | \$ 3,814,578 | \$ 6,836,517 | 90,414,967 | \$ 4,470,508 |
| Due within one year | | | | (4,470,508) | |
| Total noncurrent liabilities | | | | \$ 85,944,459 | |
| | Noncur | rent Liabilities | | | |
| | | June 30, 2013 | | | |
| General revenue bonds | Beginning Balance | Additions | Reductions | Ending Balance | Current Portion |
| General revenue bonds, 2003 | \$ 115,000 | \$ - | \$ 115,000 | \$ - | \$ - |
| General revenue bonds, 2004 | 1,545,000 | Ψ | 760,000 | ↓ 785,000 | ↓ 785,000 |
| General revenue bonds, 2004A | 2,740,000 | | 2,530,000 | 210,000 | 65,000 |
| General revenue bonds, 2008 | 15,560,000 | _ | 10,095,000 | 5,465,000 | 125,000 |
| General revenue bonds, 2009A/2009B | 17,525,000 | | 365,000 | 17,160,000 | 375,000 |
| General revenue bonds, 2009A 2009B | 10,770,000 | - | 540,000 | 10,230,000 | 660,000 |
| General revenue bonds, 2010A | 33,070,000 | - | 270,000 | 32,800,000 | 325,000 |
| General revenue bonds, 2012A | 33,070,000 | - 14,265,000 | 270,000 | 14,265,000 | 155,000 |
| Total bonds payable | 81,325,000 | 14,265,000 14,265,000 | 14,675,000 | | 2,490,000 |
| | | | | 80,915,000 3,540,886 | 2,490,000 |
| Bond premium | 3,191,392 | 758,022 | 408,528 | | - |
| Capital lease Total debt | 84,516,392 | 1,576,200 16,599,222 | 320,150 15,403,678 | 1,256,050 85,711,936 | 312,764 2,802,764 |
| | 0.10.01012 | ,., | | | _,, |
| Other liabilities Insurance and postemployment benefits | 2,878,821 | 2 120 002 | 3,189,173 | 1,810,640 | 1,810,640 |
| · · - | 2,878,821 680,450 | 2,120,992 | 3,189,173 | | 1,010,040 |
| Funds held for others | | 219,900 | | 670,950 770,026 | - |
| Postemployment benefit health care | 942,704 | - | 172,668 | 770,036 | - |
| Annuity and pooled income obligations | 4,529,731 | 292,483 | \$ 10 242 790 | 4,473,344 \$ 92,426,906 | 339,351 |
| Total | \$ 93,548,098 | \$ 19,232,597 | \$ 19,343,789 | \$ 93,436,906 | \$ 4,952,755 |
| Due within one year | | | | (4,952,755) | |

\$ 88,484,151

Total noncurrent liabilities



Bonds

The principal and interest on bonds are payable only from certain general revenues. The obligations are generally callable. Premiums on bonds payable are recorded in total and amortized over the life of the bonds using straight line amortization.

| Outstanding Balances on University Is: | sued Bonds | | |
|---|----------------|---------------|---------------|
| As of June 30 | | | |
| | | Outsta | nding |
| | Total issued | 2014 | 2013 |
| General revenue bond series 2004, (2% – 4.49%) final maturity 2034 | \$ 32,850,000 | \$ - | \$ 785,000 |
| General revenue bond series 2006, (4% – 5%) final maturity 2036 | 2,990,000 | 145,000 | 210,000 |
| General revenue bond series 2008, (3% – 5.25%) final maturity 2038 | 15,880,000 | 5,340,000 | 5,465,000 |
| General revenue bond series 2009A/2009B, (2.58%-6.69%), final maturity 2039 | 18,235,000 | 16,785,000 | 17,160,000 |
| General revenue bond series 2010A, (1.37%-6.55%), final maturity 2040 | 10,975,000 | 9,570,000 | 10,230,000 |
| General revenue bond series 2012A, (3%-5%), final maturity 2034 | 33,070,000 | 32,475,000 | 32,800,000 |
| General revenue bond series 2013A, (2%-5%), final maturity 2036 | 14,265,000 | 14,110,000 | 14,265,000 |
| Total bonds payable | 128,265,000 | 78,425,000 | 80,915,000 |
| Plus: unamortized net premium | 4,643,640 | 3,393,215 | 3,540,886 |
| Bonds payable, net | \$ 132,908,640 | \$ 81,818,215 | \$ 84,455,886 |

All bonds of the University, unless otherwise specified, have received an underlying rating of A1 from Moody's.

During fiscal year 2004, the University's Board of Control approved the renovation of Wadsworth Hall. In conjunction with this approval, the University issued \$32.9 million of General Revenue Bonds to facilitate this project. These bonds bear interest at 2% to 4.49% and mature at various dates from October 2006 through October 2034. The bonds are rated Aaa by Moody's and Aaa by Standard & Poor's due to a municipal bond insurance policy. Outstanding principal of \$27,150,000 was refunded with the Series 2012A bonds. At June 30, 2013, no amounts remain in escrow.

During fiscal year 2006, the University's Board of Control approved the issuance of bonds for the general campus renovation project and the addition of a child care center. On July 19, 2006, the University issued \$2.99 million of General Revenue Bonds, Series 2006. These bonds bear interest at an average rate of 4.7% and mature at various dates from October 2007 through October 2036. These General Revenue Bonds are limited obligations of the bond payable from and secured solely by an irrevocable pledge of General Revenues as provided in the Indenture. These bonds are rated Aaa by Moody's due to a municipal bond insurance policy. Outstanding principal of \$2.715 million was refunded with the Series 2013A bonds.

During fiscal year 2009, the University's Board of Control approved the issuance of General Revenue Bonds, Series 2008 in the amount of \$15.88 million. The proceeds of this bond issue were used to refund the \$10 million of Series 1998 bonds outstanding with the remainder funding the remodeling of the Michigan Tech Lakeshore Center building, remodeling of the Memorial Union ballroom and providing initial construction funds for the Keweenaw Research Center. These bonds bear fixed interest rates at 3.0% to 5.25% and mature at various dates from October 2009 through October 2038. These bonds are secured by an irrevocable pledge of general revenues as provided in the indenture. Outstanding principal of \$11.550 million was refunded with the series 2013A bonds.

During fiscal year 2010, the University's Board of Control approved the issuance of General Revenue Bonds, Series 2009A and 2009B. The combined amount of bonds issued was \$18.235 million. Series 2009A, in the amount of \$17.885 million, was issued as taxable Build America Bonds. Under this federal program, thirty-five percent of the interest related to this bond issue in the principal and interest amounts due is anticipated to be paid by the federal government for the life of the Build America Bonds. This bond series consists of serial bonds in the amount of \$3.580 million with maturities of October 2011 through October 2019 and interest rates ranging from 2.58% to 5.30%. Two term bonds totaling \$14.305 million were also issued in this series. The first term bond in the amount of \$5.650 million matures in October 2029 and bears an interest rate of 6.44%. The second term bond in the amount of \$8.655 million matures in October 2039 and bears an interest rate of 6.69%. Series 2009B, issued as a tax-exempt bond in the amount of \$350,000 matures October 2010 and bears an interest rate of 3.0%. The proceeds of this bond issue were used to construct a student residential facility and for the construction of a new facility at the Keweenaw Research Center. These bonds are secured by an irrevocable pledge of general revenues as provided in the indenture.

During fiscal year 2011, the University's Board of Control approved the issuance of General Revenue Bonds, Series 2010A in the amount of \$10.975 million. The Series 2010A bonds were issued as taxable Build America Bonds. Under this federal program, 35% of the interest related to this bond issue in the principal and interest amounts due is anticipated to be paid by the federal government for the life of the Build America Bonds. This bond series consists of serial bonds in the amount of \$2.855 million with maturities of October 2011 through October 2017 and interest rates ranging from 1.37% to 3.84%. Three term bonds totaling \$8.12 million were also issued in this series. The first term bond in the amount of \$2.085 million matures in October 2025 and bears an interest rate of 5.569%. The second term bond in the amount of \$1.66 million matures in October 2030 and bears an interest rate of 6.2%. The third term bond in the amount of \$4.375 million matures in October 2040 and bears an interest rate of 6.55%. The proceeds of this bond issue were used to construct, acquire, and equip new research facilities and to construct and equip a new museum building. These bonds are secured by an irrevocable pledge of general revenues as provided in the indenture and have been rated as Aa3 by Moody's.

During fiscal year 2012, the University's Board of Control approved the issuance of General Revenue and Refunding Bonds, Series 2012A in the amount of \$33,070,000. The proceeds of this bond issue were used to partially refund Series 2003 bonds in the amount of \$3.965 million, to partially refund Series 2004 bonds in the amount of \$27.150 million with the remainder funding the replacement of the ice plant and rink slab in the hockey arena and partial replacement of the roof of the Student Development Center. The Series 2003 bonds to be refunded will be called for redemption on April 1, 2013 and the Series 2004 bonds to be refunded will be called for redemption on April 1, 2013 and the Series 2004 bonds to be refunded will be called for redemption on October 1, 2013 each at a redemption price to equal 100% of the principal amount plus accrued interest. The refunding resulted in a net present value interest savings of \$1.3 million and an economic gain of \$731,000. The 2012A bond series consists of serial bonds in the amount of \$5.32 million matures in October 2030 and bears an interest rate of 4.0%. The second term bond in the amount of \$8.0 million matures in October 2034 and bears an interest rate of 5.0%. These bonds are secured by an irrevocable pledge of general revenues as provided in the indenture and have been rated as Aa3 by Moody's.

During fiscal year 2013, the University's Board of Control approved the issuance of General Revenue Refunding Bonds, Series 2013A in the amount of \$14,265,000. The proceeds of this bond issue were used to refund Series 2006 bonds in the amount of \$2.715 million and to partially refund Series 2008 bonds in the amount of \$11.550 million. The Series 2006 bonds to be refunded will be called for redemption on April 1, 2016 at a redemption price equal to 100% of the principal amount to be redeemed plus accrued interest to the redemption date. Principal and interest on the Series 2008 bonds will be paid at maturity on October 1, 2016, October 1, 2017, and October 1, 2018, respectively. The advance refunding of the \$2.715 million of Series 2006 bonds and the \$11.550 million of Series 2008 bonds provided resources to purchase US government securities that were placed in an escrow fund for the purpose of generating resources for all future debt service payments on \$14.265 million of refunded debt. As a result, the certificates are considered defeased and the liability has been removed from the statement of net position. The refunding resulted in an additional interest cost of \$1,099,910. The 2013A bond series consists



of serial bonds in the amount of \$8.325 million with maturities of October 2013 through October 2026 and interest rates ranging from 2.0% to 5.0%. The issue also included three term bonds totaling \$5.940 million. The first term bond in the amount of \$2.200 million matures in October 2025 and bears an interest rate of 3.0%. The second term bond in the amount of \$2.470 million matures in October 2028 and bears an interest rate of 3.25%. The third term bond in the amount of \$1.270 million matures in October 2036 and bears an interest rate of 4.0%. These bonds are secured by an irrevocable pledge of general revenues as provided in the indenture and have been rated as A1 by Moody's.

At June 30, 2014, the amount that remains in escrow to refund Series 2006 bonds and partially refund Series 2008 bonds was \$14,305,673.

| Principal and Interest Amounts Due on Bonded Debt | | | | | | | | | |
|---|----|------------|----|------------|----|-------------|--|--|--|
| For Fiscal Years Ending June 30 | | | | | | | | | |
| Fiscal Year | | Principal | | Interest | | Total | | | |
| 2015 | \$ | 2,520,000 | \$ | 3,749,203 | \$ | 6,269,203 | | | |
| 2016 | | 2,590,000 | | 3,669,769 | | 6,259,769 | | | |
| 2017 | | 2,580,000 | | 3,590,523 | | 6,170,523 | | | |
| 2018 | | 2,660,000 | | 3,500,243 | | 6,160,243 | | | |
| 2019 | | 2,760,000 | | 3,393,417 | | 6,153,417 | | | |
| Total 5 years | | 13,110,000 | | 17,903,155 | | 31,013,155 | | | |
| 2020 to 2024 | | 15,610,000 | | 14,932,474 | | 30,542,474 | | | |
| 2025 to 2029 | | 19,260,000 | | 10,836,394 | | 30,096,394 | | | |
| 2030 to 2034 | | 17,340,000 | | 6,396,742 | | 23,736,742 | | | |
| 2035 to 2039 | | 11,030,000 | | 2,167,504 | | 13,197,504 | | | |
| 2040 to 2041 | | 2,075,000 | | 103,075 | | 2,178,075 | | | |
| Total bonds | \$ | 78,425,000 | \$ | 52,339,344 | \$ | 130,764,344 | | | |

Capital and Operating Lease Obligations

At June 30, 2014, the capitalized cost of equipment purchased under capital leases was \$1.576 million, and its net book value was \$822,618.

Commitments and related rental expenses for the University under operating leases with initial or remaining noncancelable lease terms in excess of one year as of and for the years ended June 30, 2014 and 2013 are insignificant.

| Scheduled Maturities of Capital Leases For Fiscal Years Ending June 30 | | | | | | | | |
|---|-------|-----------|-------|----------|----|---------|--|--|
| Fiscal Year | mscar | Principal | ig Ju | Interest | _ | Total | | |
| 2015 | \$ | 324,399 | \$ | 10,839 | \$ | 335,238 | | |
| 2016 | | 308,865 | | 18,828 | | 327,693 | | |
| 2017 | | 303,185 | | 9,421 | | 312,606 | | |
| Total lease payments | \$ | 936,449 | \$ | 39,088 | \$ | 975,537 | | |

(8) SELF-INSURANCE

The University is essentially self-insured for medical benefits claims, unemployment compensation, and workers' compensation. Stop-loss coverage has been purchased by the University for the employees' health benefits. Liabilities for estimates of losses retained by the University under self-insurance programs have been determined and accrued for and included in insurance and benefit reserves on the accompanying statements of net position. Changes in the estimated liability for self-insured plans during the past two fiscal years are as follows:

| Self-Insured Claims Liability | | | | | | | | | |
|---|---------------------|----|------------------------|----|------------------------|--------------|--|--|--|
| | Medical Benefits | | nployment pensation | | Vorkers' npensation | Total | | | |
| Claims liability, June 30, 2012 | \$ 1,750,000 | \$ | 208,265 | \$ | 272,000 | \$ 2,230,265 | | | |
| Claims incurred, including changes in estimates | 14,107,991 | | (27,737) | | 140,696 | 14,220,950 | | | |
| Less: claims paid | (14,377,991) | | (130,528) | | (211,850) | (14,720,369) | | | |
| Claims liability, June 30, 2013 | 1,480,000 | | 50,000 | | 200,846 | 1,730,846 | | | |
| Claims incurred, including changes in estimates | 11,828,807 | | 159,377 | | 643,850 | 12,632,034 | | | |
| Less: claims paid | (12,498,807) | | (159,377) | | (453,191) | (13,111,375) | | | |
| Claims liability, June 30, 2014 | \$ 810,000 | \$ | 50,000 | \$ | 391,505 | \$ 1,251,505 | | | |

Health Care Plan

Plan Description

The University offers active employees a choice between a self-funded preferred provider health care plan (Husky Care PPO) and a self-funded high deductible health savings account (Husky Care HSA). Both plans are administered by Blue Cross Blue Shield of Michigan with health savings account deposits managed at The Bancorp Bank.

Funding Policy

For participants choosing Husky Care PPO, the contribution requirements of the plan participants are established annually by the University. Illustrative premiums are established which estimate the annual costs on a pay-as-you-go funding basis. As of January 1, 2013, plan participants are required to pay a portion of the illustrative premium on a per adult/per child rate as determined annually by the University administration.

Participants in the Husky Care HSA are covered for catastrophic medical expenses by a high-deductible PPO health care plan. To fund the out-of-pocket medical costs of this type of plan, employees may deposit pre-tax earnings into a health savings account. Funds deposited into a health savings account are owned exclusively by the employee, even after the employee is no longer employed by the University. The cost of the high-deductible health care policy is paid by the University.

Liability and Property Insurance

The University participates with eleven other Michigan universities in the Michigan Universities Self-Insurance Corporation ("MUSIC"). MUSIC's purpose is to provide indemnity to members against auto, comprehensive general liability, errors and omissions, and property losses commonly covered by insurance. Premiums are assessed annually for (1) insurance risks retained by MUSIC, (2) costs related to excess coverage, and (3) general and administrative expenses. 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 a per-occurrence basis; errors and omissions coverage is provided on a claims-made basis. In the event of excess assets, MUSIC will return the surplus, credit the surplus toward future payments, or provide for increased coverage. Recommended reserves for both MUSIC and each member are actuarially determined on an annual basis. MUSIC 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.

(9) POSTEMPLOYMENT BENEFITS

Retirement Plans

The University has established retirement plans for all qualified employees.

The Michigan Public School Employees' Retirement System (MPSERS) plan is a contributory defined benefit cost-sharing multiple-employer retirement plan. Benefit provisions and contribution requirements of MPSERS are established, and may be amended, by state statute. 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 MPSERS.

The University utilizes the funding policy finalized by MPSERS. An actuarial valuation was prepared for MPSERS 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).

Beginning October 1, 2013, the University is required to contribute 3.00% (3.21% during the period of October 1, 2011 through September 30, 2013) of MPSERS covered payroll for normal pension costs and 16.61% (13.41% during the period of October 1, 2011 through September 30, 2013) for the unfunded pension liability. University costs of the MPSERS pension contributions are summarized in the Retirement Plan Contributions table.

The University also contributes to the MPSERS healthcare plan, a cost-sharing multiple-employer defined benefit postemployment healthcare plan administered by MPSERS. This plan provides medical benefits to retired employees of participating universities. Participating universities are contractually required to make monthly contributions to the plan at amounts assessed each year by MPSERS. The University's contributions to the MPSERS healthcare plan are summarized in the Retirement Plan Contributions table.

Additional pension data for MPSERS is contained in MPSERS' Comprehensive Annual Financial Report, which may be obtained by writing to the Office of Retirement Systems, P.O. Box 30170, Lansing, MI 48901.

The University has a defined contribution plan with Teachers Insurance and Annuities Association College Retirement Equities Fund (TIAA-CREF) and Fidelity. All employees who work at least three-quarter time are eligible to participate in the defined contribution plan. For employees hired between December 31, 1995 and December 31, 2007, employer contributions began two years after date of hire or age 35 whichever was sooner. For employees hired on or after January 1, 2008, employer contributions begin immediately and employee benefits vest immediately. Plan participants maintain individual investment accounts with TIAA-CREF and/or with Fidelity Investments. At June 30, 2014, the University had approximately 3,070 plan participants. Employees may also deposit supplemental retirement funds into 403(b) and/or 457(b) plans up to permissible limits. The University contributes a specified percentage of employee wages and has no liability beyond its own contribution. University contributions to this program are summarized in the Retirement Plan Contributions table. Prior to January 1, 2010, the University would contribute 10.55% of participating employee's salary to the employee's investment account and would then match up to an additional 2% of employee's voluntary contribution. On January 1, 2010, participating employees were given a choice between a 5-5-5 plan and a 0-7.5-7.5 plan. Under the 5-5-5 plan, the University would contribute 5% of an employee's base salary and will then match up to 5% of base salary contributed by a participating employee. Employees who chose this plan also received a 2% salary increase. Employees who chose the 0-7.5-7.5 plan received no base contribution from the University but received a matching contribution of up to 7.5% of base salary along with a 4.5% increase in base salary. Employees hired after January 1, 2010 will participate in the 0-7.5-7.5 plan.

| Retirement Plan Contributions | | | | | | | | | | | | |
|--|---------------|---------------|---------------|--|--|--|--|--|--|--|--|--|
| | 2014 | 2013 | 2012 | | | | | | | | | |
| MPSERS normal pension costs | \$ 1,608,549 | \$ 1,657,941 | \$ 1,593,797 | | | | | | | | | |
| MPSERS unfunded pension costs | 1,228,088 | 1,368,423 | 1,338,958 | | | | | | | | | |
| MPSERS retiree health insurance | 2,500,742 | 2,698,154 | 2,825,147 | | | | | | | | | |
| Total University contributions to MPSERS | \$ 5,337,379 | \$ 5,724,518 | \$ 5,757,902 | | | | | | | | | |
| Payroll covered under MPSERS | \$ 9,182,800 | \$ 9,535,227 | \$ 10,019,130 | | | | | | | | | |
| | | | | | | | | | | | | |
| University contributions to TIAA-CREF/Fidelity | \$ 5,748,143 | \$ 5,565,592 | \$ 6,146,435 | | | | | | | | | |
| Payroll covered under TIAA-CREF/Fidelity | \$ 81,443,319 | \$ 78,809,697 | \$ 75,768,201 | | | | | | | | | |

Retirement Supplemental Voluntary Plan

The University has a 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 options upon retirement: 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 value of the RSVP liability was approximately \$22,000 and \$62,000 at June 30, 2014 and 2013, respectively.

Health Care Plan

Plan Description

The University currently offers retirees a self-funded preferred provider health care plan (MTU-PPO) administered by Blue Cross Blue Shield of Michigan. The University follows the COBRA regulations for its terminated employee's health care plan. MTU-PPO provides medical, dental, and vision insurance benefits to eligible participants in the TIAA-CREF plan.

Funding Policy

The contribution requirements of the plan members are established annually by the University. The required contribution is based on annual projected pay-as-you go financing requirements. Prior to 2007, the University utilized its COBRA rates as the full cost value of early retiree medical and dental benefits. Depending upon specific fiscal years of retirement, these non-Medicare retirees paid a certain percentage of this COBRA rate. Even for those early retirees where their contribution requirement was 100% of the COBRA rate, there was an implied subsidy as the age-adjusted full cost for pre-Medicare eligible retirees is significantly higher. Beginning in 2007, the University began a seven year phase out of



the subsidy implied when utilizing the COBRA rates so that beginning January 1, 2014 retiree contributions will be established on the expected full cost of the retiree medical and dental plans (pre-Medicare and Medicare eligible populations).

Annual OPEB Cost and Net OPEB Obligation

The University's annual other postemployment benefit (OPEB) cost is calculated based on the annual required contribution (ARC) of the employer, an amount actuarially determined in accordance with the parameters of generally accepted accounting principles. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years.

The following table shows the components of the University's annual OPEB cost, the amount actually contributed to the plan, and changes in the University's net OPEB obligation for the years ending June 30, 2014 and 2013 respectively:

| OPEB Cost and Obligation | | |
|--|---------------|---------------|
| | 2014 | 2013 |
| Annual required contribution | \$ 481,828 | \$ 498,637 |
| Interest on net OPEB obligation | 30,801 | 37,708 |
| Adjustment to annual required contribution | (44,531) | (54,517) |
| Annual OPEB cost | 468,098 | 481,828 |
| Contributions made | - | - |
| Total benefits paid (pay-as-you go) | (694,553) | (654,496) |
| Decrease in net OPEB obligation | (226,455) | (172,668) |
| Net OPEB obligation - beginning of year | 770,036 | 942,704 |
| Net OPEB obligation, end of year | \$ 543,581 | \$ 770,036 |

The University's historical annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation are as follows:

| Historical Annual OPEB Cost and Net OPEB Obligation | | | | | | | | | | | |
|---|------------|--------------------|--------------|----------|--------------------|--|--|--|--|--|--|
| | Percentage | | | | | | | | | | |
| of Annual | | | | | | | | | | | |
| Fiscal Year | Anr | nual OPEB | OPEB Cost | | Net OPEB | | | | | | |
| Ended | Cost | | Contributed | Ob | oligation | | | | | | |
| | | | | | | | | | | | |
| June 30, 2012 | \$ | 539,796 | 112% | \$ | 942,704 | | | | | | |
| June 30, 2012 June 30, 2013 | \$ \$ | 539,796 481,828 | 112% 136% | \$ \$ | 942,704 770,036 | | | | | | |



Funded Status and Funding Progress

The University has not prefunded any of its OPEB liability, nor does it presently intend to prefund its OPEB liability. Therefore, as of June 30, 2014, the most recent actuarial valuation date, the Plan was 0% funded.

| Schedule of Funding Progress Actuarial UA Accrued Pe Actuarial Value Liability (AAL) Unfunded AAL Funded Covered Covered | | | | | | | | | | | |
|--|---------------------|-----|--------------|---------|-----------------|--------------|----------------|---------------|--|--|--|
| Valuation Date | (a) | | (b) | (b)-(a) | | (a)/(b) | (C) | ((b)-(a))/(c) | | | |
| June 30, 2012 | \$- | \$ | 9,789,029 | \$ | 9,789,029 | 0.0% | \$ 59,243,846 | 16.5% | | | |
| June 30, 2013 | \$ - | \$ | 8,957,775 | \$ | 8,957,775 | 0.0% | \$ 74,643,945 | 12.0% | | | |
| June 30, 2014 | \$- | \$ | 8,608,363 | \$ | 8,608,363 | 0.0% | \$ 73,148,829 | 11.8% | | | |
| *Actuarial value | of assets are \$0 b | eca | use the Univ | ersi | ity has not pre | efunded this | OPFB liability | | | | |

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and the health care cost trend. Amounts determined regarding the funded status of the plan and annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, as shown above, presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations. The actuarial valuations performed for the University use the unit credit actuarial cost method. The initial valuations included an annual health care cost trend rate of 11% which was then reduced by 1% per year to an ultimate rate of 5% by fiscal year 2014. The trend rate assumption was reset to an initial rate of 11% for medical (7% for dental) in 2010 grading down by 1% per year to an ultimate rate of 5% for medical (4% for dental). The assumptions also included a 4% salary scale assumption. The UAAL is being amortized as a level percentage of projected payrolls on an open basis. For actuarial purposes, the University has chosen a thirty year amortization period, so the remaining amortization period at June 30, 2014, was twenty-three years. However, with the implementation of the seven year phased elimination of the retiree health care subsidy, the University's actual amortization period decreases accordingly.

(10) 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. Certain employees of the University are covered under the MPSERS retirement plan. As of June 30, 2014 and June 30, 2013 the unfunded portion of the related pension benefits is significant. The University's portion of this obligation is estimated to be \$50.2 million, as described in Note 1 under "Upcoming Accounting Pronouncements". While the University has continued to pay the required monthly payments as determined by MPSERS, it is management's position that the University is not responsible for any shortfall in the fund as a result of changes in benefits made by MPSERS.

The University receives grants and other forms of reimbursement from various federal and state agencies. These activities are subject to audit by agents of the funding authority, the purpose of which is to ensure compliance with conditions precedent to providing such funds. University administration believes there is no liability for reimbursement which may arise as the result of audits.

The University has an arrangement with the State of Michigan and the State Building Authority (the "SBA") to finance a large portion of the Great Lakes Research Center currently under construction on the campus of the University. The arrangement is based upon a lease agreement that is signed by the University which stipulates that the SBA will hold title to the building and the State will make all the lease payments to the SBA on behalf of the University, and the University will pay all operating and maintenance costs. At the expiration of the lease, the SBA has agreed to sell the building to the University for \$1.

(11) FUNCTIONAL CLASSIFICATION OF OPERATING EXPENSES

The University's operating expenses by functional classification were as follows for years ended June 30:

| Operating Expenses by Natu | ral | Classification | |
|-------------------------------------|-----|----------------|-------------------|
| | | 2014 | 2013 |
| Instruction | \$ | 62,340,302 | \$ 61,942,848 |
| Research | | 51,389,065 | 53,719,135 |
| Public service | | 9,254,420 | 9,483,731 |
| Academic support | | 18,383,408 | 15,294,880 |
| Student services | | 13,200,759 | 13,586,040 |
| Institutional support | | 17,450,550 | 16,022,546 |
| Operations and maintenance of plant | | 16,517,027 | 17,514,642 |
| Student financial support | | 322,362 | 970,339 |
| Departmental activities | | 5,218,935 | 5,920,439 |
| Student residents | | 18,223,266 | 15,829,934 |
| Depreciation | | 14,648,214 | 13,977,403 |
| | \$ | 226,948,308 | \$ 224,261,937 |

SUPPLEMENTARY INFORMATION



| Michigan Technological University | | | | | | | | | | | | | |
|---|--------------|--------------------|--------------|----------------|----------------------|---------------------|---------------|-------------|----------------------|---------------|-----------------|----------------|----------------|
| | | | | | | on by Fund as of Ju | ne 30, 2014 | | | | | | |
| | <u> </u> | | Auxiliary | Retirement & | Expendable | Total Current | | | | lichigan Tech | | Combined Total | Combined Total |
| | General | Designated | Activities | Insurance | Restricted | Funds | Student Loan | Plant | Agency | Fund | Eliminations | 2014 | 2013 |
| Assets | | | | | | | | | | | | | |
| Current assets: | (| | | | | | | | | | | | |
| Cash and cash equivalents \$ | (| | | \$ (0,247,570) | \$ 1,514,940 \$ | ¢ 2,134,132 ¢ | 2,421,744 \$ | 211001010 | \$ 1,718,666 \$ | 3,975,050 | | 12,449,982 | |
| Accounts receivable, net | 8,902,492 | 445,496 | 430,540 | 200,273 | 5,614,993 | 15,593,794 | - | 121 | 67,887 | - | (325,707) | 15,336,095 | 17,579,084 |
| Pledges receivable, net | - | - | - | - | - | - | - | - | - | 1,588,087 | - | 1,588,087 | 3,916,458 |
| Other assets | 181,200 | 13,525 | 1,336,014 | 231,327 | - | 1,762,066 | - | - | - | 142,797 | - | 1,904,863 | 1,970,702 |
| Total current assets | (5,748,013) | 17,537,093 | 8,406,957 | (7,815,978) | 7,129,933 | 19,509,992 | 2,421,744 | 2,180,511 | 1,786,553 | 5,705,934 | (325,707) | 31,279,027 | 31,296,562 |
| Noncurrent assets: | | | | | | | | | | | | | |
| Student loans receivable, net | | | | | | | 11,865,226 | | - | - | - | 11,865,226 | 12,141,355 |
| Pledges receivable, net | - | - | - | | - | - | | - | - | 2,433,799 | - | 2,433,799 | 3,348,269 |
| Investments | - | - | - | 14,404,244 | - | 14,404,244 | - | - | - | 113,830,960 | - | 128,235,204 | 114,386,187 |
| Beneficial interest in charitable remainder trusts | | | _ | | | 11,101,211 | _ | | | 5,349,710 | | 5,349,710 | 4,854,847 |
| Land held for investment | | | | | | | | 9,784,397 | | 308,800 | | 10,093,197 | 9,926,541 |
| Capital assets, net | - | - | - | - | - | - | - | 246,085,350 | - | 300,000 | - | 246,085,350 | 253,799,271 |
| Other assets | - | - | - | - | - | - | - | 978,544 | - | 973,059 | - | 1,951,603 | 1,940,810 |
| Total noncurrent assets | | | | 14,404,244 | | 14,404,244 | 11,865,226 | 256,848,291 | | 122,896,328 | - | 406,014,089 | 400,397,280 |
| Total assets \$ | (5,748,013) | - \$ 17.537.093 | \$ 8,406,957 | | - \$ 7,129,933 \$ | | | | - \$ 1,786,553 \$ | 128,602,262 | | 437,293,116 | |
| | (3,740,013) | \$ 17,337,073 | \$ 0,400,737 | \$ 0,000,200 | φ 7,127,755 . | ¢ 55,714,250 ¢ | 14,200,770 \$ | 237,020,002 | ¢ 1,700,555 ¢ | 120,002,202 | \$ (323,101) \$ | 437,273,110 | Ψ 431,073,042 |
| Liabilities | | | | | | | | | | | | | |
| Current liabilities | | | | | | | | | | | | | |
| Accounts payable \$ | 1,225,963 | \$ 329,452 | \$ 407,120 | \$ 703,323 | \$ 620,485 \$ | \$ 3,286,343 \$ | 4,081 \$ | 1,298,559 | \$ 5,922 \$ | 433,845 | \$ (325,707) \$ | 4,703,043 | \$ 4,846,284 |
| Other accrued liabilities | 3,664,370 | - | 110,821 | 4,342,094 | - | 8,117,285 | - | 1,458 | 1,780,630 | - | - | 9,899,373 | 9,188,834 |
| Unearned revenue | 237,183 | - | · · · | | 2,657,051 | 2,894,234 | - | 356,250 | | - | - | 3,250,484 | 2,939,264 |
| Annuity obligations, current portion | - | - | - | - | - | _ | - | - | - | 352,703 | - | 352,703 | 339,351 |
| Insurance and benefit reserves, current portion | - | - | - | 1,273,406 | - | 1,273,406 | - | - | - | - | - | 1,273,406 | 2,802,764 |
| Long-term debt, current portion | - | - | - | - | - | - | - | 2,844,399 | - | - | - | 2,844,399 | 1,810,640 |
| Total current liabilities | 5,127,516 | 329,452 | 517,941 | 6,318,823 | 3,277,536 | 15,571,268 | 4,081 | 4,500,666 | 1,786,552 | 786,548 | (325,707) | 22,323,408 | 21,927,137 |
| Noncurrent liabilities | | | , | -,, | -11 | | ., | .,, | ., | | (,, | | |
| Funds held for others | 678,049 | | - | | | 678,049 | | | - | - | - | 678,049 | 670,950 |
| Annuity obligations, net of current portion | | - | - | - | - | | - | - | - | 4,812,564 | - | 4,812,564 | 4,133,993 |
| Insurance and benefit reserves, net of current port | - | - | - | 543,581 | - | 543,581 | - | - | - | ., | - | 543,581 | 770,036 |
| Long-term debt, net of current portion | - | - | - | | - | | - | 79,910,265 | - | - | - | 79,910,265 | 82,909,172 |
| Total noncurrent liabilities | 678,049 | - | - | 543,581 | _ | 1,221,630 | - | 79,910,265 | _ | 4,812,564 | - | 85,944,459 | 88,484,151 |
| Total liabilities \$ | | \$ 329,452 | \$ 517,941 | | \$ 3,277,536 | | | | \$ 1,786,552 \$ | 5,599,112 | | 108,267,867 | |
| · · · · · · · · · · · · · · · · · | 0,000,000 | 027,132 | 0.17,741 | 0,002,.04 | 0,211,000 | | 1,001 V | 3.11.10,731 | | 0,077,112 | (020,707) \$ | 100/201/001 | |
| Net position | | | | | | | | | | | | | |
| Net investment in capital assets \$ | - | \$- | \$ - | \$ - | \$ - 5 | 5 - 5 | - \$ | 164,399,706 | s - s | - | \$ - \$ | 164,399,706 | \$ 169,009,147 |
| Restricted: | | | | | | - | Ť | | - | | | | |
| Nonexpendable | - | - | - | - | - | - | - | - | - | 72,488,002 | - | 72,488,002 | 68,536,641 |
| Expendable | - | - | 6,546 | - | 3,852,396 | 3,858,942 | 14,372,142 | 10,863,276 | - | 47,170,149 | - | 76,264,509 | 72,263,098 |
| Unrestricted | (11,553,577) | 17,207,640 | 7,882,472 | (274,138) | | 13,262,397 | (89,253) | (645,111) | - | 3.344.999 | - | 15,873,032 | 11,473,668 |
| | (11,553,577) | | | , | \$ 3,852,396 \$ | | 14,282,889 \$ | , | s e | 123,003,150 | | 329,025,249 | |
| Polarine position a | (11,000,077) | ↓ 11,201,040 | ÷ 7,007,010 | · (2/4,130) | ↓ J,0J2,370 ↓ | ¢ 17,121,337 \$ | 14,202,007 Ø | 1/4,017,071 | - J | 123,003,130 | · · · · | 527,025,249 | |

| | | | | | Michigan Technolog | jical University | | | | | | |
|--|--------------------|---------------|-------------|--------------|--------------------|------------------|------------------|----------------|----------------|-----------------|----------------|--------------|
| Schedule of Revenues, Expenses and Changes in Net Position by Fund by Object For the Year Ended June 30, 2014 | | | | | | | | | | | | |
| | | | Auxiliary | Retirement & | | Total Current | | | Michigan Tech | | | |
| | General | Designated | Activities | Insurance | Restricted | Funds | Student Loan | Plant | Fund | Eliminations | 2014 | 2013 |
| Revenues | | - | | | | | | | | | | |
| Operating revenues | | | | | | | | | | | | |
| Student tuition and fees, net | \$ 115,888,794 \$ | \$ 1,058 \$ | 912,212 | \$- | \$-\$ | 116,802,064 | \$-\$ | - \$ | - \$ | (33,292,091) \$ | 83,509,973 \$ | 78,187,511 |
| Federal grants and contracts | 138,105 | - | - | - | 29,071,174 | 29,209,279 | (54,470) | - | - | - | 29,154,809 | 31,367,914 |
| State and local grants and contracts | - | - | - | - | 3,201,394 | 3,201,394 | - | - | - | - | 3,201,394 | 2,445,292 |
| Nongovernmental grants and contracts | - | - | - | - | 12,908,372 | 12,908,372 | - | 50,000 | - | - | 12,958,372 | 13,001,201 |
| Indirect cost recoveries | 11,597,063 | - | - | - | (11,597,063) | - | - | - | - | - | - | |
| Educational activities | 351,077 | 3,497,882 | 910,612 | 169,848 | 156,364 | 5,085,783 | 1,274 | 22,755 | - | | 5,109,812 | 4,706,789 |
| Departmental activities | 6,883 | 76,305 | 9,269,419 | - | 29,613 | 9,382,220 | - | 65,706 | - | (579,146) | 8,868,780 | 9,238,144 |
| Student residence fees, net | - | - | 23,567,437 | - | - | 23,567,437 | - | 89,303 | - | (6,176,990) | 17,479,750 | 16,500,621 |
| Total operating revenues | 127,981,922 | 3,575,245 | 34,659,680 | 169,848 | 33,769,854 | 200,156,549 | (53,196) | 227,764 | - | (40,048,227) | 160,282,890 | 155,447,472 |
| Expenses | | | | | | | | | | | | |
| Operating expenses | | | | | | | | | | | | |
| Salaries and wages-non-faculty | 30,446,565 | 5,857,473 | 8,253,092 | 1,910,205 | 9,088,062 | 55,555,397 | - | - | - | - | 55,555,397 | 53,664,856 |
| Salaries and wages-faculty | 39,662,392 | 686,343 | 41,683 | 103,474 | 3,324,599 | 43,818,491 | - | - | - | - | 43,818,491 | 43,624,309 |
| Salaries and wages-graduate students | 4,496,841 | 674,211 | 464,791 | - | 3,746,647 | 9,382,490 | - | - | - | - | 9,382,490 | 8,862,928 |
| Salaries and wages-undergrad students | 1,612,462 | 578,002 | 1,400,560 | - | 934,674 | 4,525,698 | - | - | - | - | 4,525,698 | 4,736,821 |
| Fringe benefits | 27,278,061 | 1,750,045 | 2,797,651 | (675,910) | 2,740,021 | 33,889,868 | - | - | - | - | 33,889,868 | 34,740,933 |
| Supplies and services | 17,194,938 | 9,306,720 | 12,002,968 | 921,598 | 12,429,056 | 51,855,280 | 97,581 | 6,394,934 | 12,146,303 | (19,670,900) | 50,823,198 | 50,054,815 |
| Student financial support | 33,075,905 | 518,068 | 346,887 | - | 12,839,935 | 46,780,795 | | - | 3,903,293 | (43,951,519) | 6,732,569 | 7,115,958 |
| Utilities | 4,242,653 | 240,244 | 3,044,399 | - | 45,087 | 7,572,383 | - | - | - | - | 7,572,383 | 7,483,914 |
| Depreciation | - | - | - | - | - | - | - | 14,645,267 | 2,947 | - | 14,648,214 | 13,977,403 |
| Total operating expenses | 158,009,817 | 19,611,106 | 28,352,031 | 2,259,367 | 45,148,081 | 253,380,402 | 97,581 | 21,040,201 | 16,052,543 | (63,622,419) | 226,948,308 | 224,261,937 |
| Operating (loss) income | (30,027,895) | (16,035,861) | 6,307,649 | (2,089,519) | (11,378,227) | (53,223,853) | (150,777) | (20,812,437) | (16,052,543) | 23,574,192 | (66,665,418) | (68,814,465) |
| Net transfers (out) in | (13,542,319) | 10,187,917 | (8,547,759) | 1,887,245 | 2,422,802 | (7,592,114) | - | 7,592,114 | - | - | - | - |
| Nonoperating revenues (expenses) | | | | | | | | | | | | |
| Federal Pell grants | - | - | - | - | 5,715,100 | 5,715,100 | - | - | - | - | 5,715,100 | 5,836,503 |
| Federal grants, other | - | - | - | - | - | - | - | 523,687 | - | - | 523,687 | 577,721 |
| State appropriations | 43,785,501 | - | - | - | - | 43,785,501 | - | - | - | - | 43,785,501 | 42,633,969 |
| Gifts | 663,166 | 7,004,147 | 529,966 | - | 4,497,881 | 12,695,160 | - | - | 6,499,056 | (12,683,960) | 6,510,256 | 12,802,560 |
| Investment return | - | - | - | 2,519,555 | 7,404 | 2,526,959 | 328,434 | 218,096 | 13,357,340 | - | 16,430,829 | 9,829,998 |
| Interest on capital asset-related debt | - | - | - | - | - | - | - | (3,689,272) | - | - | (3,689,272) | (4,128,952) |
| Loss on disposal of capital assets | - | - | - | - | - | - | - | - | - | (200,098) | (200,098) | (1,477,521) |
| Net nonoperating revenues (expenses) | 44,448,667 | 7,004,147 | 529,966 | 2,519,555 | 10,220,385 | 64,722,720 | 328,434 | (2,947,489) | 19,856,396 | (12,884,058) | 69,076,003 | 66,074,278 |
| Income (loss) before other revenues | 878,453 | 1,156,203 | (1,710,144) | 2,317,281 | 1,264,960 | 3,906,753 | 177,657 | (16,167,812) | 3,803,853 | 10,690,134 | 2,410,585 | (2,740,187) |
| Other revenues | | | | | | | | | | | | |
| Capital appropriations | - | - | - | - | - | - | - | 210,482 | - | - | 210,482 | 1,691,591 |
| Capital grants and gifts | - | 20,000 | - | - | - | 20,000 | - | 3,028,324 | 177,655 | (2,235,428) | 990,551 | 1,337,663 |
| Gifts for permanent endowment purposes | - | - | - | - | - | - | - | - | 3,951,361 | - | 3,951,361 | 2,466,921 |
| Other nonoperating revenues | - | - | - | - | - | - | - | - | 179,716 | - | 179,716 | 245,588 |
| Fund additions | - | - | - | - | - | - | - | 8,454,706 | - | (8,454,706) | - | - |
| Total other revenues | - | 20,000 | - | - | - | 20,000 | - | 11,693,512 | 4,308,732 | (10,690,134) | 5,332,110 | 5,741,763 |
| Net increase (decrease) in net position | 878,453 | 1,176,203 | (1,710,144) | 2,317,281 | 1,264,960 | 3,926,753 | 177,657 | (4,474,300) | 8,112,585 | - | 7,742,695 | 3,001,576 |
| Net position, beginning of year | (12,432,030) | 16,031,437 | 9,599,162 | (2,591,419) | 2,587,436 | 13,194,586 | 14,105,232 | 179,092,171 | 114,890,565 | - | 321,282,554 | 318,280,978 |
| Net position, end of year | \$ (11,553,577) \$ | \$ 17,207,640 | 7,889,018 | \$ (274,138) | \$ 3,852,396 \$ | 17,121,339 | \$ 14,282,889 \$ | 174,617,871 \$ | 123,003,150 \$ | - \$ | 329,025,249 \$ | 321,282,554 |



| | | | | | Michigan Technologi | ical University | | | | | | |
|--|----------------|------------------|---------------|----------------|----------------------|-----------------|------------------|----------------|--------------|--------------------|----------------|--------------|
| Schedule of Revenues, Expenses and Changes in Net Position by Function | | | | | | | | | | | | |
| | | | | | For the Year Ended J | une 30, 2014 | | | | | | |
| | | | Auxiliary | Retirement & | • | Total Current | | | ichigan Tech | | ombined Total | |
| | General | Designated | Activities | Insurance | Restricted | Funds | Student Loan | Plant | Fund | Eliminations | 2014 | 2013 |
| Revenues | | | | | | | | | | | | |
| Operating revenues | | | | | | | | | | | | |
| | 115,888,794 | \$ 1,058 \$ | 912,212 | \$ - | | | \$-\$ | - \$ | - | \$ (33,292,091) \$ | 83,509,973 \$ | 78,187,511 |
| Federal grants and contracts | 138,105 | - | - | - | 29,071,174 | 29,209,279 | (54,470) | - | - | - | 29,154,809 | 31,367,914 |
| State and local grants and contracts | - | - | - | - | 3,201,394 | 3,201,394 | - | - | - | - | 3,201,394 | 2,445,292 |
| Nongovernmental grants and contracts | - | - | - | - | 12,908,372 | 12,908,372 | - | 50,000 | - | - | 12,958,372 | 13,001,201 |
| Indirect cost recoveries | 11,597,063 | - | - | - | (11,597,063) | - | - | - | - | - | - | - |
| Educational activities | 351,077 | 3,497,882 | 910,612 | 169,848 | 156,364 | 5,085,783 | 1,274 | 22,755 | - | | 5,109,812 | 4,706,789 |
| Departmental activities | 6,883 | 76,305 | 9,269,419 | - | 29,613 | 9,382,220 | - | 65,706 | - | (579,146) | 8,868,780 | 9,238,144 |
| Student residence fees, net | - | - | 23,567,437 | - | - | 23,567,437 | - | 89,303 | - | (6,176,990) | 17,479,750 | 16,500,621 |
| Total operating revenues | 127,981,922 | 3,575,245 | 34,659,680 | 169,848 | 33,769,854 | 200,156,549 | (53,196) | 227,764 | - | (40,048,227) | 160,282,890 | 155,447,472 |
| Expenses | | | | | | | | | | | | |
| Operating expenses | | | | | | | | | | | | |
| Instruction | 58,577,540 | 3,469,903 | - | 825,245 | 175,733 | 63,048,421 | - | - | - | (708,119) | 62,340,302 | 61,942,848 |
| Research | 16,592,164 | 9,517,568 | - | 625,185 | 27,248,550 | 53,983,467 | - | - | - | (2,594,402) | 51,389,065 | 53,719,135 |
| Public service | 815,168 | 1,162,774 | - | 75,022 | 7,218,678 | 9,271,642 | - | = | - | (17,222) | 9,254,420 | 9,483,731 |
| Academic support | 16,911,019 | 1,404,052 | - | 225,067 | 4,746 | 18,544,884 | - | - | - | (161,476) | 18,383,408 | 15,294,880 |
| Student services | 6,805,185 | 1,825,509 | 4,281,853 | 150,045 | 173,382 | 13,235,974 | - | - | - | (35,215) | 13,200,759 | 13,586,040 |
| Institutional support | 15,315,666 | 1,197,238 | - | (369,138) | 9,664 | 16,153,430 | - | 558,877 | 12,146,303 | (11,408,060) | 17,450,550 | 16,022,546 |
| Student financial support | 29,955,679 | - | - | - | 10,317,328 | 40,273,007 | 97,581 | - | 3,903,293 | (43,951,519) | 322,362 | 970,339 |
| Operations and maintenance of plant | 13,037,396 | 1,034,062 | - | 577,896 | - | 14,649,354 | - | 5,836,057 | - | (3,968,384) | 16,517,027 | 17,514,642 |
| Sales and services of dept activities | - | ÷ | 24,070,178 | 150,045 | - | 24,220,223 | - | - | - | (19,001,288) | 5,218,935 | 5,920,439 |
| Student residents | - | - | - | - | - | - | - | - | - | 18,223,266 | 18,223,266 | 15,829,934 |
| Depreciation | - | - | - | - | - | - | - | 14,645,267 | 2,947 | - | 14,648,214 | 13,977,403 |
| Total operating expenses | 158,009,817 | 19,611,106 | 28,352,031 | 2,259,367 | 45,148,081 | 253,380,402 | 97,581 | 21,040,201 | 16,052,543 | (63,622,419) | 226,948,308 | 224,261,937 |
| Operating (loss) income | (30,027,895) | (16,035,861) | 6,307,649 | (2,089,519) | (11,378,227) | (53,223,853) | (150,777) | (20,812,437) | (16,052,543) | 23,574,192 | (66,665,418) | (68,814,465) |
| Transfers | , | , | | , | , | | , | , | | | , | , |
| Net transfers (out) in | (13,542,319) | 10,187,917 | (8,547,759) | 1,887,245 | 2,422,802 | (7,592,114) | - | 7,592,114 | - | - | - | - |
| Nonoperating revenues (expenses) | | | | | | | | | | | | |
| Federal Pell grants | - | - | - | - | 5,715,100 | 5,715,100 | - | - | - | - | 5,715,100 | 5,836,503 |
| Federal grants, other | - | - | - | - | - | _ | - | 523,687 | - | - | 523,687 | 577,721 |
| State appropriations | 43,785,501 | - | - | - | - | 43,785,501 | - | - | - | - | 43,785,501 | 42,633,969 |
| Gifts | 663,166 | 7,004,147 | 529,966 | - | 4,497,881 | 12,695,160 | - | - | 6,499,056 | (12,683,960) | 6,510,256 | 12,802,560 |
| Investment return | | | | 2,519,555 | 7,404 | 2,526,959 | 328,434 | 218,096 | 13,357,340 | - | 16,430,829 | 9,829,998 |
| Interest on capital asset-related debt | - | _ | - | 2,017,000 | - | 2,020,707 | - | (3,689,272) | | - | (3,689,272) | (4,128,952) |
| Loss on disposal of capital assets | - | _ | - | - | _ | - | - | (0,007,272) | - | (200,098) | (200,098) | (1,477,521) |
| Net nonoperating revenues (expenses) | 44,448,667 | 7,004,147 | 529,966 | 2,519,555 | 10,220,385 | 64,722,720 | 328,434 | (2,947,489) | 19,856,396 | (12,884,058) | 69,076,003 | 66,074,278 |
| Income (loss) before other revenues | 878,453 | 1,156,203 | (1,710,144) | 2,317,281 | 1,264,960 | 3,906,753 | 177,657 | (16,167,812) | 3,803,853 | 10,690,134 | 2,410,585 | (2,740,187) |
| Other revenues | 010,100 | 1,100,200 | (1,1,10,111) | 2/017/201 | 1,201,700 | 0,,00,,00 | 111,001 | (10/10//012) | 0,000,000 | 10,070,101 | 2,110,000 | (2), 10,107) |
| Capital appropriations | - | - | - | - | - | - | - | 210,482 | - | - | 210,482 | 1,691,591 |
| Capital grants and gifts | - | 20.000 | - | - | - | 20.000 | - | 3.028.324 | 177.655 | (2,235,428) | 990,551 | 1,337,663 |
| Gfits for permanent endowment purposes | - | | _ | _ | _ | 20,000 | - | 0,020,024 | 3,951,361 | (2,200,720) | 3,951,361 | 2,466,921 |
| Other nonoperating revenues | - | - | - | - | - | - | - | - | 179,716 | - | 179,716 | 2,400,921 |
| Fund additions | - | - | - | - | - | - | - | 8,454,706 | 177,710 | (8,454,706) | 177,710 | 243,300 |
| Total other revenues | - | 20,000 | - | - | - | 20,000 | - | 11,693,512 | 4,308,732 | (10,690,134) | 5,332,110 | 5,741,763 |
| Net increase (decrease) in net position | - 878,453 | 1,176,203 | - (1,710,144) | - 2,317,281 | - 1,264,960 | 3,926,753 | - 177,657 | (4,474,300) | 4,308,732 | (10,690,134) | 7,742,695 | 3,001,576 |
| | (12,432,030) | 16,031,437 | 9,599,162 | (2,591,419) | 2,587,436 | 3,926,753 | 14,105,232 | 179,092,171 | 8,112,585 | - | 321,282,554 | 318,280,978 |
| Net position, beginning of year | | | | | | | | | | | | |
| Net position, end of year \$ | 6 (11,553,577) | \$ 17,207,640 \$ | 7,889,018 | \$ (274,138) | \$ 3,852,396 \$ | 17,121,339 | \$ 14,282,889 \$ | 174,617,871 \$ | 123,003,150 | \$ - \$ | 329,025,249 \$ | 321,282,554 |

2014 Financial Report



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