

# **Michigan Tech Fund**

**Audited Financial Statements  
June 30, 2018 and 2017**

# Michigan Tech Fund

Financial Statement Contents

For the Years Ended June 30, 2018 and 2017

---

	<u>Pages</u>
Report of Independent Auditors	2--3
Financial Statements:	
Statements of Financial Position	4
Statements of Activities	5--6
Statements of Functional Expenses	7--8
Statements of Cash Flows	9
Notes to Financial Statements	10--26

## Report of Independent Auditors

Board of Directors  
Michigan Tech Fund  
Houghton, Michigan

We have audited the accompanying financial statements of the Michigan Tech Fund, which comprise the statements of financial position as of June 30, 2018 and 2017, and the related statements of activities, functional expenses, and cash flows for the years then ended, 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.

### **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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from 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 auditor's judgment, including the assessment of the risk 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 Michigan Tech Fund as of June 30, 2018 and 2017, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

*Andrews Hooper Pavlik PLC*

Bay City, Michigan  
September 12, 2018

# Michigan Tech Fund

## Statements of Financial Position

June 30, 2018 and 2017

	<u>2018</u>	<u>2017</u>
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 6,258,775	\$ 5,722,676
Pledges receivable, net of allowance for uncollectible amounts	714,693	1,236,023
Interest and dividends receivable	149,873	125,005
Prepaid expenses and other receivables	29,468	29,586
Total current assets	<u>7,152,809</u>	<u>7,113,290</u>
Long-term assets:		
Pledges receivable, net of discount, net of current portion	2,173,258	1,192,869
Amount due from Michigan Technological University	262,000	-
Cash surrender value, life insurance	989,861	987,642
Contributions receivable from remainder trusts	5,812,167	5,660,795
Investments	138,068,343	129,358,769
Property held for sale	64,000	91,700
Total long-term assets	<u>147,369,629</u>	<u>137,291,775</u>
<b>Total assets</b>	<b><u>\$ 154,522,438</u></b>	<b><u>\$ 144,405,065</u></b>
<b>LIABILITIES AND NET ASSETS</b>		
Current liabilities:		
Accounts payable and accrued expenses	\$ 1,060,701	\$ 1,131,250
Current portion of annuity obligations	405,772	412,239
Total current liabilities	<u>1,466,473</u>	<u>1,543,489</u>
Long-term liabilities:		
Annuity obligations, net of current portion	4,806,608	3,943,724
Pooled income obligations	576,096	1,768,434
Total long-term liabilities	<u>5,382,704</u>	<u>5,712,158</u>
Total liabilities	<u>6,849,177</u>	<u>7,255,647</u>
Contingency and commitments (Notes 2 and 10)		
Net assets:		
Unrestricted	5,631,305	3,740,222
Temporarily restricted	45,626,171	42,619,727
Permanently restricted	96,415,785	90,789,469
Total net assets	<u>147,673,261</u>	<u>137,149,418</u>
<b>Total liabilities and net assets</b>	<b><u>\$ 154,522,438</u></b>	<b><u>\$ 144,405,065</u></b>

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

# Michigan Tech Fund

## Statement of Activities

For the Year Ended June 30, 2018

	2018			
	<u>Unrestricted</u>	<u>Temporarily Restricted</u>	<u>Permanently Restricted</u>	<u>Total</u>
Support, gains, and revenue:				
Contributions	\$ 1,938,330	\$ 8,540,016	\$ 5,626,316	\$ 16,104,662
Investment return	4,861,809	4,941,956	-	9,803,765
Other income	-	100,285	-	100,285
Net assets released from restrictions	<u>10,575,813</u>	<u>(10,575,813)</u>	<u>-</u>	<u>-</u>
Total support, gains, and revenue	17,375,952	3,006,444	5,626,316	26,008,712
Expenses:				
Program services on behalf of Michigan Technological University:				
Scholarships and fellowships	2,542,572	-	-	2,542,572
Departmental and other program support	<u>12,169,589</u>	<u>-</u>	<u>-</u>	<u>12,169,589</u>
	14,712,161	-	-	14,712,161
Management and general expenses	<u>772,708</u>	<u>-</u>	<u>-</u>	<u>772,708</u>
Total expenses	<u>15,484,869</u>	<u>-</u>	<u>-</u>	<u>15,484,869</u>
Change in net assets	1,891,083	3,006,444	5,626,316	10,523,843
Net assets, beginning of year	<u>3,740,222</u>	<u>42,619,727</u>	<u>90,789,469</u>	<u>137,149,418</u>
<b>Net assets, end of year</b>	<b><u><u>\$ 5,631,305</u></u></b>	<b><u><u>\$ 45,626,171</u></u></b>	<b><u><u>\$ 96,415,785</u></u></b>	<b><u><u>\$ 147,673,261</u></u></b>

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

# Michigan Tech Fund

## Statement of Activities

For the Year Ended June 30, 2017

	2017			
	<u>Unrestricted</u>	<u>Temporarily Restricted</u>	<u>Permanently Restricted</u>	<u>Total</u>
Support, gains, and revenue:				
Contributions	\$ 1,988,683	\$ 7,144,545	\$ 3,783,846	\$ 12,917,074
Investment return	5,570,022	6,153,766	-	11,723,788
Other income	200	111,171	-	111,371
Net assets released from restrictions	<u>11,265,957</u>	<u>(11,265,957)</u>	<u>-</u>	<u>-</u>
Total support, gains, and revenue	18,824,862	2,143,525	3,783,846	24,752,233
Expenses:				
Program services on behalf of Michigan Technological University:				
Scholarships and fellowships	2,151,490	-	-	2,151,490
Departmental and other program support	<u>12,278,315</u>	<u>-</u>	<u>-</u>	<u>12,278,315</u>
	14,429,805	-	-	14,429,805
Management and general expenses	<u>794,167</u>	<u>-</u>	<u>-</u>	<u>794,167</u>
Total expenses	<u>15,223,972</u>	<u>-</u>	<u>-</u>	<u>15,223,972</u>
Change in net assets	3,600,890	2,143,525	3,783,846	9,528,261
Net assets, beginning of year	<u>139,332</u>	<u>40,476,202</u>	<u>87,005,623</u>	<u>127,621,157</u>
<b>Net assets, end of year</b>	<b><u>\$ 3,740,222</u></b>	<b><u>\$42,619,727</u></b>	<b><u>\$ 90,789,469</u></b>	<b><u>\$137,149,418</u></b>

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

## Michigan Tech Fund

### Statement of Functional Expenses

For the Year Ended June 30, 2018

---

	2018		
	<u>Program Services</u>	<u>Management &amp; General</u>	<u>Total</u>
Expenses:			
Scholarships and fellowships	\$ 2,542,572	\$ -	\$ 2,542,572
Departmental and other program support	12,169,589	-	12,169,589
Contracted employee services	-	411,342	411,342
Supplies	-	6,810	6,810
Postage and printing	-	7,139	7,139
Insurance	-	24,407	24,407
Telephone	-	553	553
Accounting fees	-	12,200	12,200
Travel	-	22,162	22,162
Entertainment	-	23,594	23,594
Equipment charges and maintenance	-	12,113	12,113
Property taxes	-	4,218	4,218
Seminars and training	-	3,405	3,405
Space rental	-	151,896	151,896
Stewardship and special events	-	39,815	39,815
Professional services	-	6,402	6,402
Credit card processing fees	-	29,002	29,002
Dues and memberships	-	3,212	3,212
Custodian and trustee fees	-	8,198	8,198
Other	-	6,240	6,240
<b>Total expenses</b>	<b><u>\$ 14,712,161</u></b>	<b><u>\$ 772,708</u></b>	<b><u>\$ 15,484,869</u></b>

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



## Michigan Tech Fund

### Statement of Functional Expenses

For the Year Ended June 30, 2017

---

	2017		
	<u>Program Services</u>	<u>Management &amp; General</u>	<u>Total</u>
Expenses:			
Scholarships and fellowships	\$ 2,151,490	\$ -	\$ 2,151,490
Departmental and other program support	12,278,315	-	12,278,315
Contracted employee services	-	441,576	441,576
Supplies	-	10,114	10,114
Postage and printing	-	7,430	7,430
Insurance	-	24,269	24,269
Telephone	-	469	469
Accounting fees	-	8,100	8,100
Travel	-	24,218	24,218
Entertainment	-	17,657	17,657
Equipment charges and maintenance	-	11,727	11,727
Property taxes	-	3,829	3,829
Seminars and training	-	961	961
Space rental	-	151,896	151,896
Stewardship and special events	-	37,498	37,498
Professional services	-	4,639	4,639
Credit card processing fees	-	23,099	23,099
Dues and memberships	-	3,011	3,011
Custodian and trustee fees	-	12,177	12,177
Other	-	11,497	11,497
<b>Total expenses</b>	<b><u>\$ 14,429,805</u></b>	<b><u>\$ 794,167</u></b>	<b><u>\$ 15,223,972</u></b>

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

## Michigan Tech Fund

### Statements of Cash Flows

For the Years Ended June 30, 2018 and 2017

	<u>2018</u>	<u>2017</u>
Cash flows from operating activities:		
Change in net assets	\$ 10,523,843	\$ 9,528,261
Adjustments to reconcile change in net assets to net cash from operating activities:		
Provision (recovery) for uncollectible pledges	504,519	(238,052)
Net realized and unrealized gains	(6,163,332)	(8,051,929)
Contributions of marketable securities and real property	(2,508,797)	(520,975)
Contributions restricted for long-term investment	(6,887,865)	(4,209,019)
Net change in split-interest agreements	65,137	458,999
Net change in contributions receivable from remainder trusts	(151,372)	(479,095)
Net change in cash surrender value, life insurance	(2,219)	(26,552)
Changes in assets and liabilities:		
Interest and dividends receivable	(24,868)	83,236
Prepaid expenses and other receivables	118	7,070
Pledges receivable, net of permanently restricted components	(834,510)	304,644
Amount due from Michigan Technological University	(262,000)	-
Accounts payable and accrued expenses	(70,549)	670,041
Net cash from operating activities	(5,811,895)	(2,473,371)
Cash flows from investing activities:		
Purchase of investments	(27,157,466)	(40,669,065)
Proceeds from sale of investments and property held for sale	27,147,721	42,424,853
Net cash from investing activities	(9,745)	1,755,788
Cash flows from financing activities:		
Proceeds from contributions restricted for:		
Investment in endowments	6,750,573	3,898,904
Investment subject to annuity agreements	137,292	310,115
Change in permanently restricted contributions receivable	(129,068)	199,191
Payments on annuity obligations	(401,058)	(423,837)
Net cash from financing activities	6,357,739	3,984,373
Net change in cash and cash equivalents	536,099	3,266,790
Cash and cash equivalents, beginning of year	5,722,676	2,455,886
<b>Cash and cash equivalents, end of year</b>	<b><u>\$ 6,258,775</u></b>	<b><u>\$ 5,722,676</u></b>

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

# Michigan Tech Fund

## Notes to Financial Statements

---

### 1. Summary of Significant Accounting Policies:

The **Michigan Tech Fund** (the "Fund") is a Michigan not-for-profit organization established to raise, receive, and maintain funds to use or apply the whole or any part of the income therefrom or the principal thereof exclusively to promote the best interest, purposes, and objectives of Michigan Technological University (the "University" or "MTU"). The Fund is a blended component unit of the University. The Fund is organized under the provisions of the Michigan Corporation Act (Act 327, PA of 1931) as amended. The Fund has been granted tax-exempt status under Section 501(c)(3) of the Internal Revenue Code.

The Fund and the University have an arrangement in which Fund personnel are University employees, and the Fund reimburses the University for expenses associated with those employees. Those expenses totaled \$411,342 and \$441,576 for fiscal years 2018 and 2017, respectively, and are included in management and general expenses on the Statements of Activities.

The Michigan Tech Fund Supporting Organization (Supporting Organization) is a charitable trust, which is governed by two trustees who are also directors of the Michigan Tech Fund. The purpose for which the trust was formed is to support the Michigan Tech Fund within the meaning of Section 509(a)(3) of the Internal Revenue Code and to which contributions are deductible under Section 170(c)(2) of the Internal Revenue Code. The Supporting Organization has been granted tax-exempt status under Section 501(c)(3) of the Internal Revenue Code. The Fund has excluded the financial activity of the Supporting Organization from its financial statements due to insignificance.

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America, which require management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of support, revenues, and expenses during the reporting period. Actual results could differ from those estimates.

The net assets and support, revenues, expenses, gains, and losses are classified based on the existence or absence of donor-imposed restrictions or as stipulated by law. Accordingly, the net assets of the Fund have been grouped into the following three classes:

**Unrestricted Net Assets:** Generally result from revenues derived from providing services, receiving unrestricted contributions, unrealized and realized gains and losses, and dividends and interest from investing in income-producing assets, less the expenses incurred in providing services, raising contributions, and performing administrative functions.

**Temporarily Restricted Net Assets:** Generally result from contributions, unrealized and realized gains and losses, and dividends and interest from investing in income-producing assets, and other inflows of assets, which are held for specific purposes as stipulated by the donor or by law. Temporarily restricted net assets are released from restrictions by the passage of time, by actions of the Fund, pursuant to the donors' stipulations, or by actions of the Board.

# Michigan Tech Fund

## Notes to Financial Statements

---

### 1. Summary of Significant Accounting Policies, continued:

**Permanently restricted net assets:** Generally result from contributions and other inflows of assets that represent permanent endowments where use is limited by donor-imposed stipulations that neither expire by the passage of time nor can be fulfilled or otherwise removed by the Fund.

Revenues are reported as increases in unrestricted net assets unless use of the related assets is limited by donor-imposed restrictions or by law. Expenses are reported as decreases in unrestricted net assets. Gains and losses on investments and other assets or liabilities are reported as increases or decreases in unrestricted net assets unless their use is restricted by explicit donor stipulation or by law. Expirations of temporary restrictions on net assets (e.g., the donor-stipulated purpose has been fulfilled) are reported as reclassifications between the applicable classes of net assets.

**a. Cash and Cash Equivalents:** Cash and cash equivalents include cash deposits, time deposits, money market funds, and highly liquid debt instruments with original maturities of three months or less. Bank account balances periodically exceed the federal insurance limits for deposits. Management evaluates the financial institutions in which the Fund maintains deposits and assesses the level of risk associated with those institutions. Management does not believe the Fund is exposed to significant financial risk as a result of these deposits.

**b. Fair Value Measurements:** Fair value refers to the price that would be received to sell an asset or paid to transfer a liability (an exit price) in an orderly transaction between market participants in the market in which the reporting entity transacts such sales or transfers based on the assumptions market participants would use when pricing an asset or liability. Assumptions are developed based on prioritizing information within a fair value hierarchy that gives the highest priority to quoted prices in active markets and the lowest priority to unobservable data, such as the reporting entity's own data.

For assets and liabilities recorded at fair value, it is the Fund's policy to maximize the use of observable inputs and minimize the use of unobservable inputs when developing fair value measurements for those financial instruments for which there is an active market. In cases where the market for a financial asset or liability is not active, the Fund includes appropriate risk adjustments that market participants would make for nonperformance and liquidity risks when developing fair value measurements. Fair value measurements for assets and liabilities for which limited or no observable market data exists are accordingly based primarily upon estimates and, are often calculated based on the economic and competitive environment, the characteristics of the asset or liability, and other factors. Therefore, the results cannot be determined with precision and may not be realized in an actual sale or immediate settlement of the asset or liability. Additionally, there may be inherent weaknesses in any calculation technique and changes in the underlying assumptions used, including discount rates and estimates of future cash flows that could significantly affect the results of current or future values. For a further discussion of Fair Value Measurements, refer to Note 3.

# Michigan Tech Fund

## Notes to Financial Statements

---

### 1. Summary of Significant Accounting Policies, continued:

- c. Investments:** Investments in marketable securities 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 Directors 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) 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 temporarily 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 assets. Subsequent unrealized appreciation on the related investments is recorded as unrestricted up to the amount of losses previously absorbed by unrestricted net assets.
- d. Split-Interest Agreements:** Life income trusts, pooled income funds, remainder trusts, and certain other investments are maintained by a separate trust company. Trustee functions include management of the investments, distributions to donors, complying with tax filing requirements, and providing periodic trust statements to the Fund. Refer to Note 8 for further details.
- e. Fixed Assets:** The fixed assets of the Fund consist of leasehold improvements, office equipment, computers, and software. Fixed assets are recorded at cost at the date of acquisition and are depreciated on a straight-line basis over estimated useful lives, which range from three to seven years. At the time of disposal, any gain or loss is recognized in the statement of activities. As of June 30, 2018 and 2017, all of the Fund's fixed assets were fully depreciated.
- f. Gifts-in-Kind:** Land, buildings, and equipment are recorded at estimated fair value at the date of the gift based upon appraised values. In most cases, the Fund serves as an agent for the receipt of property and equipment and immediately transfers these gifts to the University. The Fund has a policy to list for sale any gifts-in-kind received and not subject to immediate transfer to the University.
- g. Contributions and Pledges Receivable:** Contributions received and unconditional promises to give are recognized at their fair values as revenues in the periods received. Unconditional promises to give that are expected to be collected in future years are recorded at the present value of their estimated future cash flows. All unconditional promises to give are recorded at their net realizable values.

# Michigan Tech Fund

## Notes to Financial Statements

---

### 1. Summary of Significant Accounting Policies, continued:

- h. Asset-Based Management and Administrative Fees:** The Fund receives monthly management and administrative fees from the various departmental funds for acting as agent-intermediary for assets processed and maintained by the Fund. These fees increase unrestricted net assets and decrease temporarily restricted net assets.
- i. Income Taxes:** The Fund analyzes its filing positions in the federal and state jurisdictions where it is required to file income tax returns, as well as all open tax years in these jurisdictions. The Fund also treats interest and penalties attributable to income taxes, and reflects any charges for such, to the extent they arise, as a component of its management and general expenses.

The Fund evaluated fiscal years 2014 through 2018, the years which remain subject to examination by major tax jurisdictions as of June 30, 2018 for uncertain tax positions. The Fund concluded that there are no significant uncertain tax positions requiring recognition in the Fund's financial statements. The Fund does not expect the total amount of unrecognized tax benefits ("UTB") (e.g., tax deductions, exclusion, or credits claimed or expected to be claimed) to significantly increase or decrease in the next twelve months. The Fund does not have any amounts accrued for interest and penalties related to UTBs at June 30, 2018 and 2017, and it is not aware of any claims for such amounts by federal or state income tax authorities.

- j. Subsequent Events:** In preparing these financial statements, the Fund has evaluated, for potential recognition or disclosure, significant events or transactions that occurred during the period subsequent to June 30, 2018, the most recent statement of financial position presented herein, through September 12, 2018, the date these financial statements were available to be issued. No such significant events or transactions were identified.

## Michigan Tech Fund

### Notes to Financial Statements

---

#### 2. Investments:

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

	<u>2018</u>	<u>2017</u>
Marketable securities		
Equities	\$ 1,323,537	\$ 967,029
Mutual funds – equities	88,756,594	76,429,449
Mutual funds – fixed income	9,431,720	11,930,529
Corporate bonds and notes	204,333	327,461
US government obligations	22,927,678	24,514,017
Total marketable securities	<u>122,643,862</u>	<u>114,168,485</u>
Alternative investments		
Hedge funds	8,356,401	9,706,173
Real estate and natural resources	352,028	464,640
Private equity	5,063,184	3,371,459
Total alternative investments	<u>13,771,613</u>	<u>13,542,272</u>
Precious metals	1,632,868	1,628,012
Other investments	20,000	20,000
<b>Total investments</b>	<b><u>\$ 138,068,343</u></b>	<b><u>\$ 129,358,769</u></b>

Investment return is a net amount and is comprised of the following for the years ended June 30:

	<u>2018</u>	<u>2017</u>
Interest and dividends	\$ 2,921,740	\$ 2,558,342
Capital gain distributions	1,289,478	1,628,577
Net gain on sale of investments	1,175,789	1,358,258
Net unrealized gain on investments	4,987,543	6,693,671
Asset-based management and administrative fees	(570,785)	(515,060)
<b>Total investment return</b>	<b><u>\$ 9,803,765</u></b>	<b><u>\$ 11,723,788</u></b>

The Fund invests in various securities including US government obligations, corporate debt instruments, mutual funds, corporate equities, and alternative investments. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of financial position and activities.

## Michigan Tech Fund

### Notes to Financial Statements

---

#### 3. Fair Value:

The Fund utilizes fair value measurements to record fair value adjustments to certain assets and liabilities and to determine fair value disclosures. Additionally, from time to time, the Fund may be required to adjust other assets and liabilities to fair value on a non-recurring basis.

##### *Fair Value Hierarchy*

The Fund groups its assets at fair value into three levels, based on the markets in which the assets are traded and the reliability of the assumptions used to determine fair value. These levels are:

**Level 1:** Valuation is based upon quoted prices for identical instruments traded in active markets.

**Level 2:** Valuation is based upon quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-based valuation techniques for which all significant assumptions are observable in the market.

**Level 3:** Valuation is generated from model-based techniques that use at least one significant assumption not observable in the market. These unobservable assumptions reflect estimates that market participants would use in pricing the asset or liability.

Following is a description of the valuation methodologies used for assets recorded at fair value on a recurring basis.

**Investments:** Fair value measurement is based upon quoted prices, if available. Level 1 investments include fixed income, equity securities (primarily mutual funds), and debt securities (primarily U.S. government obligations) and corporate bonds and notes. Level 2 investments include debt securities (principally US government obligations). Level 3 investments include interests in hedge funds, private equity, real estate, and precious metals (gold and silver coins) and other investments. The fair value of precious metals is based on appraisals by experts. Other investments consist of closely-held securities, the fair value is based on appraisals.

**Contributions Receivable from Remainder Trusts:** Fair value measurement is based upon the fair value of the underlying investments in the trusts, an estimated rate of return, anticipated future payments to be made to beneficiaries, living beneficiaries' life expectancies, and an assumed discount rate as discussed further in Note 8.



## Michigan Tech Fund

### Notes to Financial Statements

---

#### 3. Fair Value, continued:

Following is a description of the valuation methodologies used to estimate fair value disclosures for financial instruments not recorded at fair value in their entirety on a recurring basis.

**Pledges Receivable:** The fair value of pledges receivable is based on the present value of discounted cash flows.

**Annuity and Pooled Income Obligations:** The fair value of annuity and pooled income obligations is based upon anticipated future payments to be made to beneficiaries, living beneficiaries' life expectancies, and an assumed discount rate as discussed further in Note 8.

**Cash and Cash Equivalents and Interest and Dividends Receivable:** The carrying amounts reported in the statements of financial position for cash and cash equivalents and interest and dividends receivable approximate fair value because of their short-term nature.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Fund believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

# Michigan Tech Fund

## Notes to Financial Statements

### 3. Fair Value, continued:

The following tables present the recorded amount of the Fund's assets measured at fair value on a recurring basis as of June 30:

	2018			
	Fair Value	Level 1	Level 2	Level 3
Marketable securities				
Equities	\$ 1,323,537	\$ 1,323,537	\$ -	\$ -
Mutual funds – equities	88,756,594	88,756,594	-	-
Mutual funds – fixed income	9,431,720	9,431,720	-	-
Corporate bonds and notes	204,333	-	204,333	-
US government obligations	22,927,678	14,280,653	8,647,025	-
Precious metals	1,632,868	-	-	1,632,868
Other investments	20,000	-	-	20,000
<b>Total investments at fair value</b>	<b>124,296,730</b>	<b>\$ 113,792,504</b>	<b>\$ 8,851,358</b>	<b>\$ 1,652,868</b>
Alternative investments that calculate net asset value per share				
Hedge funds	8,356,401			
Real estate and natural resources	352,028			
Private equity	5,063,184			
<b>Total alternative investments that calculate net asset value per share</b>	<b>13,771,613</b>			
<b>Balance at June 30, 2018</b>	<b>\$ 138,068,343</b>			
<b>Contributions receivable from remainder trusts</b>	<b>\$ 5,812,167</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,812,167</b>
	2017			
	Fair Value	Level 1	Level 2	Level 3
Marketable securities				
Equities	\$ 967,029	\$ 967,029	\$ -	\$ -
Mutual funds – equities	76,429,449	76,429,449	-	-
Mutual funds – fixed income	11,930,529	11,930,529	-	-
Corporate bonds and notes	327,461	-	327,461	-
US government obligations	24,514,017	15,441,637	9,072,380	-
Precious metals	1,628,012	-	-	1,628,012
Other investments	20,000	-	-	20,000
<b>Total investments at fair value</b>	<b>115,816,497</b>	<b>\$ 104,768,644</b>	<b>\$ 9,399,841</b>	<b>\$ 1,648,012</b>
Alternative investments that calculate net asset value per share				
Hedge funds	9,706,173			
Real estate and natural resources	464,640			
Private equity	3,371,459			
<b>Total alternative investments that calculate net asset value per share</b>	<b>13,542,272</b>			
<b>Balance at June 30, 2017</b>	<b>\$ 129,358,769</b>			
<b>Contributions receivable from remainder trusts</b>	<b>\$ 5,660,795</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 5,660,795</b>

## Michigan Tech Fund

### Notes to Financial Statements

---

#### 3. Fair Value, continued:

The following tables set forth a summary of changes in the fair value of the Fund's Level 3 assets for the years ended June 30:

	2018		
	Precious Metals	Other	Contributions Receivable from Remainder Trusts
Balance, beginning of year	\$ 1,628,012	\$ 20,000	\$ 5,660,795
Unrealized gains	4,856	-	-
Change in value	-	-	151,372
<b>Balance, end of year</b>	<b>\$ 1,632,868</b>	<b>\$ 20,000</b>	<b>\$ 5,812,167</b>

	2017		
	Precious Metals	Other	Contributions Receivable from Remainder Trusts
Balance, beginning of year	\$ 1,749,842	\$ 20,000	\$ 5,181,700
Capital contributions	-	-	35,628
Unrealized losses	(121,830)	-	-
Redemptions	-	-	(36,760)
Change in value	-	-	480,227
<b>Balance, end of year</b>	<b>\$ 1,628,012</b>	<b>\$ 20,000</b>	<b>\$ 5,660,795</b>

Disclosure of the estimated fair values of financial instruments, which differ from carrying values, often requires the use of estimates. In cases where quoted market values in an active market are not available, the Fund uses present value techniques and other valuation methods to estimate the fair values of its financial instruments. These valuation methods require considerable judgment and the resulting estimates of fair value can be significantly affected by the assumptions made and methods used.

## Michigan Tech Fund

### Notes to Financial Statements

#### 4. Investments in Entities that Calculate Net Asset Value Per Share:

The Fund uses Net Asset Value (NAV) to determine the fair value of all the underlying investments which (1) do not have a readily determinable fair value, and (2) prepare their financial statements consistent with the measurement principles of an investment company or have the attributes of an investment company. Hedge funds' fair values are based on the information provided by the administrators of each underlying fund; management relies on advice from its investment consultant and takes into consideration audited financial information to determine overall reasonableness of the recorded value. Natural resources, private equity, and real estate limited partnerships are accounted for on the equity method and are based on information provided by the general partner; management also takes into consideration the audited financial information and K-1 capital account balances to determine overall reasonableness of the recorded value. Management believes that the equity method represents the best estimate of the partnerships' fair values. Audited information is only available annually, based on each partnership's year-end. Because of the inherent uncertainty of valuations, values may differ from the values that would have been used had a ready market existed. The following table lists investments in other investment companies (in partnership format) by major category as of June 30, 2018 and 2017:

	Strategy	NAV in Funds FY 2018	NAV in Funds FY 2017	Number of Funds	Remaining Life	Amount of Unfunded Commitments at June 30, 2018	Amount of Unfunded Commitments at June 30, 2017	Timing to Draw Down Commitments	Redemption Terms	Redemption Restrictions	Redemption Restrictions in Place at Year End
Private Equity	Venture, buyout, and special situations, distressed asset funds and credit strategies, primarily in the US	\$ 5,063,184	\$ 3,371,459	9	1 to 12 years	\$ 9,593,645	\$ 11,999,485	1 to 12 years	NA *	NA	NA
Real Estate and Natural Resources	Domestic real estate and domestic and international natural resources	352,028	464,640	2	4 to 5 years	100,870	104,778	1 to 5 years	NA *	NA	NA
Hedge Funds	Hedge funds with various strategies	8,356,401	9,706,173	1	NA	NA	NA	NA	Redemptions are available on a quarterly basis, with a 60-day notice period.	\$100,000 minimum redemption amount.	None
<b>Total</b>		<b>\$ 13,771,613</b>	<b>\$ 13,542,272</b>	<b>12</b>		<b>\$ 9,694,515</b>	<b>\$ 12,104,263</b>				

\* These funds are in private equity structure, with no ability to be redeemed.

## Michigan Tech Fund

### Notes to Financial Statements

---

#### 5. Pledges Receivable:

The following table shows the balance due of unconditional promises to give to the Fund at June 30, 2018 and 2017. Pledges are unrestricted, temporarily restricted, and permanently restricted by donors for property and equipment purchases, scholarships, faculty chairs, or designated departments of the University, and have been reported at their discounted, net realizable values. The Fund estimated the present value of future cash flows using .25% over the risk-adjusted rate at the date of the gift. For fiscal year 2018, rates range from 2.77% to 3.10%.

	<u>2018</u>	<u>2017</u>
Pledges receivable in less than one year	\$ 3,530,990	\$ 3,547,801
Pledges receivable in one to five years	2,369,225	1,200,837
Pledges receivable in more than five years	4,700	126,615
	<u>5,904,915</u>	<u>4,875,253</u>
Less:		
Allowance for uncollectible pledges	(2,816,297)	(2,311,778)
Present value discount	(200,667)	(134,583)
<b>Net pledges receivable</b>	<b><u>\$ 2,887,951</u></b>	<b><u>\$ 2,428,892</u></b>

#### 6. Cash Surrender Value of Life Insurance:

The Fund is the owner and beneficiary of life insurance policies with death benefit values of approximately \$2,061,000 at June 30, 2018 and \$2,200,000 at June 30, 2017. The assignments of these policies were received as gifts for various University programs, scholarships, and other designations.

#### 7. Property Held for Sale and Gifts-in-Kind:

The Fund serves as an agent for the receipt of gifted property and in most cases immediately transfers the property to the University. Any gifted property accepted as a contribution and not subject to transfer to the University is listed for sale. It is the Fund's policy to offer such gifted property for sale based on appraised or estimated fair value at the time of the gift. During the years ended June 30, 2018 and 2017, the Fund received gifted property in the amount of \$247,187 and \$147,802, respectively. These amounts were recorded as contribution revenue. Amounts immediately transferred to the University and recorded as program services expense in the accompanying statements of activities were \$247,187 and \$147,802 for the years ended June 30, 2018 and 2017, respectively. Property held for sale is \$64,000 as of June 30, 2018 and \$91,700 as of June 30, 2017.

#### 8. Split-Interest Agreements:

Some donors enter into trust or other arrangements under which the Fund receives benefits that are shared with other beneficiaries. These types of arrangements, known as split-interest agreements, include pooled (life) income funds, charitable remainder trusts, and charitable gift annuities. Provisions for the various donor trust agreements are as follows:

**Century II Pooled Income Fund:** All income of the pooled fund is distributed to its participants on a pro-rata basis.

## Michigan Tech Fund

### Notes to Financial Statements

---

#### 8. Split-Interest Agreements, continued:

**Charitable Remainder Unitrusts:** Donors receive income, generally payable quarterly, at a predetermined percentage rate of their unitrust's annual value at December 31.

**Charitable Remainder Annuity Trusts:** Donors receive a fixed percentage rate of income based on the initial value of the annuity trust, generally payable quarterly.

**Charitable Gift Annuities:** Donors receive a fixed percentage rate of income based on the initial value of the gift annuity, payable quarterly. Assets received under a gift annuity contract are held as general assets of the Fund, and the annuity liability is a general obligation of the Fund. All assets received under a gift annuity contract are pooled with other gift annuity contract funds and invested in equity and fixed income mutual funds and in cash equivalents. Those investments are held in accounts segregated from the Fund's other investments. The anticipated rate of return for the annuity investment is approximately 6%.

Irrevocable split-interest agreements in which the Fund does not control the trust assets are recognized in the Fund's financial statements when notification is received of the trust's existence. The present value of the estimated future distributions to be received by the Fund is recorded as contribution revenue and a contribution receivable from remainder trust. Amounts reflected as receivable from this type of agreement were \$5,812,167 and \$5,660,795 at June 30, 2018 and 2017, respectively.

Irrevocable split-interest agreements in which the Fund does control the trust assets are recognized in the Fund's financial statements when the trust is executed. The fair value of the trust assets and the present value of the expected future payments to be made to other beneficiaries are recorded as assets and liabilities, respectively, and the difference is recorded as contribution revenue. Amounts included in the accompanying statements of financial position at June 30, 2018 and 2017, from these types of agreements are as follows:

	<u>2018</u>	<u>2017</u>
Assets included in cash and investments	\$ 8,577,994	\$ 9,672,958
Annuity and pooled income obligations to other beneficiaries	\$ 5,788,476	\$ 6,124,397

Included with contribution revenue on the statement of activities for the years ended June 30, 2018 and 2017, are contributions from split-interest agreements and changes in the value of split-interest agreements, as follows:

	<u>2018</u>	<u>2017</u>
Contributions	\$ 137,292	\$ 345,743
Change in value	\$ 302,021	\$ 582,017

The calculations of present value follow the guidelines as set forth in Section 642(c) of the Internal Revenue Code. Discount rates used to calculate present value are the Applicable Federal Rates, which approximate the risk-adjusted rates, and range from 1.2% to 8.2%. Actuarial tables used come from Internal Revenue Service Publication 1457.

# Michigan Tech Fund

## Notes to Financial Statements

---

### 8. Split-Interest Agreements, continued:

For the year ended June 30, 2018, the Fund adopted the Society of Actuaries 2012 Individual Annuity Reserve (2012 IAR) mortality table in the present value calculation of the liability for charitable gift annuities. Adoption of the 2012 IAR mortality table by the Fund increased the annuity obligation liability and decreased revenue by approximately \$870,000 as of June 30, 2018. Management believes that the 2012 IAR mortality table provides a better estimate of life expectancies.

### 9. Net Asset Categories:

Unrestricted net assets at June 30, consist of the following:

	<u>2018</u>	<u>2017</u>
Deficiencies for all donor-restricted endowment funds for which fair value of assets is less than donor-stipulated level	\$ (785,527)	\$ (776,971)
Undesignated	6,416,832	4,517,193
<b>Total unrestricted net assets</b>	<b><u>\$ 5,631,305</u></b>	<b><u>\$ 3,740,222</u></b>

Temporarily restricted net assets at June 30, were restricted for the following:

	<u>2018</u>	<u>2017</u>
University programs	\$ 20,310,409	\$ 19,752,336
Remainder interests in split-interest agreements	1,007,174	1,239,733
Net appreciation on donor-restricted endowment funds and term endowments	24,308,588	21,627,658
<b>Total temporarily restricted net assets</b>	<b><u>\$ 45,626,171</u></b>	<b><u>\$ 42,619,727</u></b>

Permanently restricted net assets at June 30, were restricted for the following:

	<u>2018</u>	<u>2017</u>
Remainder interests in split-interest agreements	\$ 4,685,162	\$ 5,221,511
Corpus of donor-restricted endowment funds	91,730,623	85,567,958
<b>Total permanently restricted net assets</b>	<b><u>\$ 96,415,785</u></b>	<b><u>\$ 90,789,469</u></b>

Permanently restricted net assets are held in perpetuity, the income from which supports scholarships and fellowships, faculty chairs, and other University programs.

### 10. Endowment:

The Fund's endowment consists of 661 individual, donor-restricted funds established for a variety of purposes and term endowments. As required by accounting principles generally accepted in the United States of America, net assets associated with endowment funds are classified and reported based on the existence or absence of donor-imposed restrictions.

The Board of Directors of the Fund has interpreted the State of Michigan Prudent Management of Institutional Funds Act (SPMIFA) as requiring the preservation of the fair value of the original gift as of the gift date of the donor-restricted endowment funds absent explicit donor stipulations to the contrary. As a result of this interpretation, the Fund classifies as permanently restricted net assets (a) the original value of gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment, and (c) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. Any donor-restricted endowment fund that would not be classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure by the Fund in a manner consistent with the standard of prudence prescribed by SPMIFA.

In accordance with SPMIFA, the Fund considers the following factors in making a determination to appropriate or accumulate donor-restricted endowment funds: (1) the duration and preservation of the various funds, (2) the purposes of the donor-restricted endowment funds, (3) general economic conditions, (4) the possible effect of inflation and deflation, (5) the expected total return from income and the appreciation of investments, (6) other resources of the Fund, and (7) the Fund's investment policies.



# Michigan Tech Fund

## Notes to Financial Statements

### 10. Endowment, continued:

Following is a summary of the Fund's endowment and changes therein:

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>Changes in endowment net assets for the year ended June 30, 2018</b>				
Investment return:				
Investment income	\$ -	\$ 2,310,391	\$ -	\$ 2,310,391
Net appreciation (depreciation) (realized and unrealized)	(8,556)	2,614,275	-	2,605,719
Net investment return (loss)	(8,556)	4,924,666	-	4,916,110
Contribution receipts	-	587,908	6,162,665	6,750,573
Appropriation of endowment assets for expenditure	-	(2,831,644)	-	(2,831,644)
Changes to endowment net assets	(8,556)	2,680,930	6,162,665	8,835,039
Endowment net assets (deficit):				
Beginning of year	(776,971)	21,627,658	85,567,958	106,418,645
<b>End of year</b>	<b>\$ (785,527)</b>	<b>\$ 24,308,588</b>	<b>\$ 91,730,623</b>	<b>\$ 115,253,684</b>

	Unrestricted	Temporarily Restricted	Permanently Restricted	Total
<b>Changes in endowment net assets for the year ended June 30, 2017</b>				
Investment return:				
Investment income	\$ -	\$ 2,034,464	\$ -	\$ 2,034,464
Net appreciation (realized and unrealized)	776,190	4,130,775	-	4,906,965
Net investment return	776,190	6,165,239	-	6,941,429
Contribution receipts	-	6,243	3,892,661	3,898,904
Appropriation of endowment assets for expenditure	-	(2,055,102)	-	(2,055,102)
Changes to endowment net assets	776,190	4,116,380	3,892,661	8,785,231
Endowment net assets (deficit):				
Beginning of year	(1,553,161)	17,511,278	81,675,297	97,633,414
<b>End of year</b>	<b>\$ (776,971)</b>	<b>\$ 21,627,658</b>	<b>\$ 85,567,958</b>	<b>\$ 106,418,645</b>

### 10. Endowment, continued:

#### **Funds with Deficiencies**

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor or SPMIFA requires the Fund to retain as a fund of perpetual duration. In accordance with accounting principles generally accepted in the United States of America, deficiencies of this nature that were reported in unrestricted net assets as of June 30, 2018 and 2017, amounted to \$785,527 and \$776,971, respectively. These deficiencies resulted from significant unfavorable market fluctuations. Management believes that these deficiencies are temporary in anticipation of a future recovery in the market.

#### **Return Objectives and Risk Parameters**

The Fund has adopted investment policies for endowment assets that attempt to provide a predictable stream of funding to programs supported by its endowment while seeking to maintain the purchasing power of the endowment assets, which includes those assets of donor-restricted funds that must be held in perpetuity. Under this policy, the endowment assets are invested in a manner that is intended to produce results that meet or exceed the price and yield results of established indexes for differing investment classes while assuming a moderate level of investment risk. The Fund expects its endowment funds, over time, to provide an average rate of return of 8.0% annually. Actual returns in any given year may vary.

#### **Strategies Employed for Achieving Objectives**

To satisfy its long-term rate-of-return objectives, the Fund relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends). The Fund targets a diversified asset allocation that places a greater emphasis on equity-based investments to achieve its long-term return objectives within prudent risk constraints.

#### **Spending Policy and How the Investment Objectives Relate to Spending Policy**

The Fund has an annual spending policy of 4.0% of its endowment funds' average fair values over the prior 12 quarters through the fiscal year-end preceding the fiscal year in which the distribution is planned. In establishing this policy, the Fund considered the long-term expected return of its endowment. This policy is consistent with the Fund's objective to maintain the purchasing power of the endowment assets held in perpetuity or for a specified term as well as to provide additional real growth through new gifts and investment returns.

## Michigan Tech Fund

### Notes to Financial Statements

---

#### 11. Operating Lease:

The Fund leases its office space under an operating lease, which commenced on October 1, 2003, and will terminate on September 30, 2019. Lease expense was \$151,896 for fiscal years ended June 30, 2018 and 2017. Minimum future rental payments under the noncancelable operating lease are:

<u>Year Ending June 30</u>	<u>Amount</u>
2019	\$ 93,774
2020	<u>18,600</u>
<b>Total minimum future rental payments</b>	<b><u><u>\$ 112,374</u></u></b>