# **Quarterly Investment Analysis Period Ending September 30, 2017**

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## Market Performance

As of September 30, 2017

	Major Benc	hmark Returi	ns			
Name	Q3-17	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
US Equity						
Russell 3000	4.6	13.9	18.7	10.7	14.2	7.6
S&P 500	4.5	14.2	18.6	10.8	14.2	7.4
Russell 1000	4.5	14.2	18.5	10.6	14.3	7.5
Russell MidCap	3.5	11.7	15.3	9.5	14.3	8.1
Russell 2000	5.7	10.9	20.7	12.2	13.8	7.8
International Equity						
MSCI EAFE	5.4	20.0	19.1	5.0	8.4	1.3
MSCI Emerging Markets	7.9	27.8	22.5	4.9	4.0	1.3
Fixed Income						
91 Day T-Bills	0.3	0.6	0.7	0.3	0.2	0.4
BBgBarc US Aggregate TR	0.8	3.1	0.1	2.7	2.1	4.3
BBgBarc US Govt/Credit TR	0.8	3.5	0.0	2.8	2.1	4.3
BBgBarc US Municipal TR	1.1	4.7	0.9	3.2	3.0	4.5
BBgBarc US High Yield TR	2.0	7.0	8.9	5.8	6.4	7.8
Real Estate						
FTSE NAREIT All REIT	1.2	6.7	3.6	10.3	9.9	6.1
Inflation						
Consumer Price Index	0.8	2.2	2.2	1.2	1.3	1.7

## **UMFMTC Total Fund Overview**

## **Quarterly Performance Summary**

September 30, 2017

	Market Value	3rd Quarter	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception 10-1-2002
Total Fund	\$62,370,953	2.2	9.4	8.7	5.7	7.3	5.1	8.3
Index Target		3.4	10.8	11.2	6.9	8.3	5.3	8.3
Peer Group Ranking*		89th	76th	86th	43rd	50th	38th	21st

- ♦ The foundation appreciated 2.2% for the quarter leading the index target of 3.4%.
- ♦ Lagging performance was largely impacted by the largest monetary disaster year on record with three major hurricanes.
- ♦ The foundation is in compliance with the investment policy an overweight to non-US developed equity and alternatives.
- **♦** Contributors to performance:
  - iShares Multifactor ETF as momentum strategies outperformed the general market.
  - ♦ An overweight to developed non-US strategies as developed markets outperformed.
  - ♦ BMO Harris outperformed however attribution is not available at this time.
  - Great Lakes outperformed due to strong stock selection in Health Care, Energy, IT, and Industrials.
- **♦** Detractors to performance:
  - Brown Advisory underperformed as Wabtec missed earnings estimates and lowered guidance.
  - MFS International Value lagged due to a large overweight to defensive stocks.
  - ♦ Lazard Emerging Markets lagged due to positions in Net Ease and Habib Bank.
- ♦ \*Performance ranking in the Investor Force All Foundations Net Peer Group

## **Total Fund Performance**

As of September 30, 2017

	% of Portfolio	Market Value 9/30/17 (\$)	3 Mo Net Cash Flows (\$)	Market Value 6/30/17 (\$)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Return (%)	Since
UMFMTC Total Fund	100.0	62,370,953	-15,238	61,030,717	2.2	9.4	8.7	5.7	7.3	7.6	5.1	8.2	Oct-02
UMFMTC Index Target		_			3.4	10.8	11.2	6.9	8.3	8.2	5.3	8.3	Oct-02
Domestic Equity	39.4	24,559,920	-2,531,552	25,965,951	4.6	13.4	17.1	10.4	13.8				Oct-02
Russell 3000					4.6	13.9	18.7	10.7	14.2	14.3	7.6	10.4	Oct-02
International Equity	22.3	13,919,087	2,500,000	10,874,901	4.8	21.8	13.1	3.7	6.0			-	Oct-02
MSCI ACWI ex USA		_			6.2	21.1	19.6	4.7	7.0	5.2	1.3	8.9	Oct-02
Fixed Income	29.4	18,343,250	-12,186	18,240,470	0.6	2.4	0.0	2.3	1.7				Oct-02
BBgBarc US Aggregate TR					0.8	3.1	0.1	2.7	2.1	3.0	4.3	4.2	Oct-02
Alternatives	8.5	5,296,085	0	5,725,283	-7.5	-4.8	-4.7	2.6	0.4				Oct-02
DJCS Managed Futures					1.3	-3.3	-8.8	-0.2	0.0	0.1	2.1	3.2	Oct-02
NCREIF Property Index					1.7	5.1	6.9	9.8	10.3	11.2	6.2	9.0	Oct-02
Cash & Equivalents	0.4	252,612	28,499	224,112	0.0	0.0	0.0	0.0	0.0			-	Oct-02
Citi 3mth Treasury Bill					0.3	0.6	0.6	0.3	0.2	0.2	0.4	1.2	Oct-02

<sup>-</sup> UMFMTC Index Target = 42% Russell 3000 / 13% MSCI EAFE / 5% MSCI Emerging Markets / 35% BBgBarc US Aggregate TR / 2.5% DJCS Managed Futures / 2.5% NCREIF Property Index

## Total Fund Performance

As of September 30, 2017

#### **Ending September 30, 2017**

#### Inception

	Enanty September 50, 2017										tion		
	% of Portfolio	Market Value 9/30/17 (\$)	3 Mo Net Cash Flows (\$)	Market Value 6/30/17 (\$)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Return (%)	Since
UMFMTC Total Fund	100.0	62,370,953	-15,238	61,030,717	2.2	9.4	8.7	5.7	7.3	7.6	5.1	8.2	Oct-02
UMFMTC Index Target					3.4	10.8	11.2	6.9	8.3	8.2	5.3	8.3	Oct-02
Domestic Equity	39.4	24,559,920	-2,531,552	25,965,951	4.6	13.4	17.1	10.4	13.8				Oct-02
Large Cap Equity	32.4	20,214,008	-2,531,552	21,843,667	4.4	13.8	16.8	10.3	13.7				Oct-02
Boston Common Large Core SRI	4.2	2,632,559	-4,281	2,520,390	4.4	14.7	15.6	9.3					Jun-14
Brown Advisory Large Sust. Growth SRI	8.5	5,278,340	-637,602	5,664,007	4.6	19.5	17.0	14.6					Jun-14
Russell 1000 Growth					5.9	20.7	21.9	12.7	15.3	15.4	9.1	12.5	Jun-14
BMO-Harris Investment Mngmnt	6.9	4,282,300	-1,887,117	5,953,575	5.2	10.8	19.2	8.5	13.6	14.1		8.2	Apr-08
Great Lakes Large Cap Value	2.0	1,231,330	-2,552	1,163,867	5.8	12.3	19.3	9.5	14.1	13.3		11.2	Apr-08
Russell 1000 Value					3.1	7.9	15.1	8.5	13.2	13.2	5.9	7.9	Apr-08
iShares MSCI USA Minimum Volatility ETF	3.8	2,397,191	0	2,330,047	3.3	12.9	13.1						Mar-15
MSCI USA Minimum Volatility Index GR					3.4	13.1	13.3	12.6	13.7	14.7		10.1	Mar-15
iShares Edge MSCI Multifactor USA ETF	7.0	4,392,287	0	4,211,782	4.8		-						May-17
MSCI USA Diversified Multi-Factor Index					4.9	13.8	21.1	13.3	16.6	16.4	9.2	7.4	May-17
Small Cap Equity	7.0	4,345,912	0	4,122,284	5.4	11.5	18.3	10.7	14.1				Jan-03
DFA US Small Cap Fund	7.0	4,345,912	0	4,122,284	5.4								May-17
Russell 2000					5.7	10.9	20.7	12.2	13.8	13.5	7.8	7.1	May-17
International Equity	22.3	13,919,087	2,500,000	10,874,901	4.8	21.8	13.1	3.7	6.0				Oct-02
Developed Markets	17.6	10,964,224	2,500,000	8,078,859	4.3	22.5	13.4	4.9	7.9				Oct-02
Artisan International	8.3	5,188,492	1,250,000	3,702,081	5.6	26.0	15.4	3.2	7.5	7.7	2.5	4.9	Jul-06
MSCI ACWI ex USA					6.2	21.1	19.6	4.7	7.0	5.2	1.3	3.9	Jul-06
iShares MSCI EAFE Minimum Volatility ETF	3.4	2,143,170	0	2,088,278	2.6	18.4	9.7						Mar-15
MSCI EAFE Min Vol NR					2.8	17.5	9.8	7.6	8.8	8.2	4.5	6.1	Mar-15
MFS International Value Fund	5.8	3,632,562	1,250,000	2,288,500	3.2	20.0	13.2						Mar-15
MSCI EAFE					5.4	20.0	19.1	5.0	8.4	6.4	1.3	4.8	Mar-15

## Total Fund Performance

As of September 30, 2017

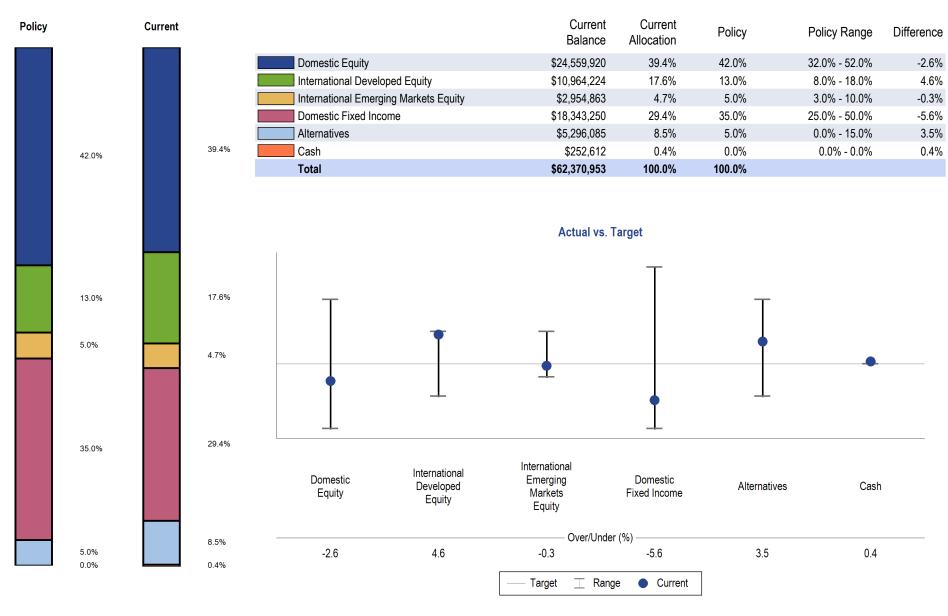
#### **Ending September 30, 2017**

#### Inception

												_	
	% of Portfolio	Market Value 9/30/17 (\$)	3 Mo Net Cash Flows (\$)	Market Value 6/30/17 (\$)	3 Mo (%)	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	7 Yrs (%)	10 Yrs (%)	Return (%)	Since
Emerging Markets	4.7	2,954,863	0	2,796,042	5.7	19.6	12.0	0.6	2.1				Oct-02
Lazard Emerging Markets	2.0	1,242,714	0	1,163,459	6.8	20.5	17.1	2.6	3.1			1.7	Apr-11
MSCI Emerging Markets					7.9	27.8	22.5	4.9	4.0	2.5	1.3	1.3	Apr-11
iShares Edge MSCI Min Vol Emerging Markets	2.7	1,712,149	0	1,632,583	4.9	19.7	9.9						Jul-16
MSCI Emerging Markets Min Vol					4.6	18.6	10.8	1.6	2.7	4.2	4.5	12.6	Jul-16
Fixed Income	29.4	18,343,250	-12,186	18,240,470	0.6	2.4	0.0	2.3	1.7				Oct-02
SunTrust Bank Core Bond	12.7	7,932,099	-8,866	7,886,217	0.6	2.7	-0.2	2.5	1.7	2.7	4.2	4.2	Oct-02
BBgBarc US Aggregate TR					0.8	3.1	0.1	2.7	2.1	3.0	4.3	4.2	Oct-02
Vanguard Short-Term Bond Index Fund	5.8	3,587,547	0	3,572,493	0.4	1.5	0.4	1.5				1.5	Sep-14
BBgBarc US Govt/Credit 1-5 Yr. TR					0.4	1.6	0.5	1.5	1.2	1.5	2.7	1.5	Sep-14
Breckinridge Capital Advisors	10.9	6,823,604	-3,320	6,781,761	0.6	2.4	0.2					2.7	Dec-15
BBgBarc US Govt/Credit Int TR					0.6	2.3	0.2	2.1	1.6	2.3	3.6	2.2	Dec-15
Alternatives	8.5	5,296,085	0	5,725,283	-7.5	-4.8	-4.7	2.6	0.4				Oct-02
Versus Capital Multi-Mgr Real Estate Fund	3.9	2,403,129	0	2,380,102	1.0	4.2	4.9						Mar-15
NCREIF Property Index					1.7	5.1	6.9	9.8	10.3	11.2	6.2	10.2	Mar-15
Stone Ridge Reinsurance Risk Premium Interval Fund	4.6	2,892,956	0	3,345,181	-13.5	-11.0	-10.4					-2.7	Dec-15
SwissRe Global Cat Bond TR Index					-5.0	-3.2	-2.3	2.8	5.1	5.8	6.8	1.9	Dec-15
Cash & Equivalents	0.4	252,612	28,499	224,112									

### **Total Fund Allocation**

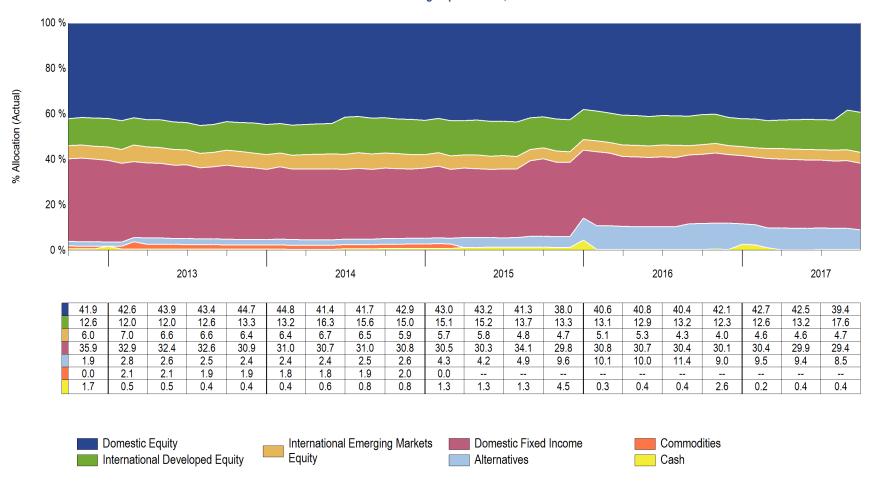
As of September 30, 2017



## **Total Fund Allocation History**

As of September 30, 2017

Asset Allocation History
5 Years Ending September 30, 2017



## **Total Fund Performance**

As of September 30, 2017



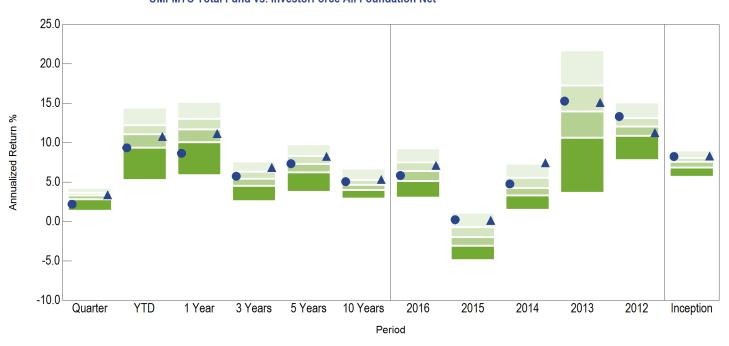
#### **Summary of Cash Flows**

	Third Quarter	Year-To-Date	One Year	2016
Beginning Market Value	\$61,030,717	\$56,310,663	\$56,936,306	\$57,082,573
Net Cash Flow	-\$15,238	\$730,434	\$679,990	-\$3,769,571
Net Investment Change	\$1,355,474	\$5,329,856	\$4,754,656	\$2,997,661
Ending Market Value	\$62,370,953	\$62,370,953	\$62,370,953	\$56,310,663

## Total Fund Performance vs. Universe

As of September 30, 2017

#### **UMFMTC Total Fund vs. InvestorForce All Foundation Net**

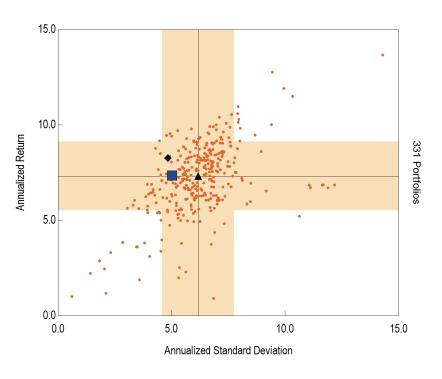


	Return (Ra	nk)										
5th Percentile	4.3	14.4	15.2	7.6	9.8	6.7	9.3	1.1	7.3	21.7	15.1	9.0
25th Percentile	3.7	12.2	13.0	6.4	8.4	5.3	7.5	-0.7	5.6	17.3	13.1	8.1
Median	3.4	11.1	11.7	5.4	7.3	4.7	6.4	-1.9	4.3	14.0	12.1	7.6
75th Percentile	2.8	9.4	10.1	4.6	6.3	4.0	5.2	-3.0	3.3	10.7	10.9	6.9
95th Percentile	1.4	5.3	5.9	2.6	3.8	2.9	3.1	-4.9	1.5	3.7	7.8	5.7
# of Portfolios	449	441	430	382	331	232	496	426	350	247	236	134
UMFMTC Total Fund	2.2 (89)	9.4 (76)	8.7 (86)	5.7 (43)	7.3 (50)	5.1 (38)	5.8 (63)	0.2 (13)	4.8 (40)	15.3 (39)	13.3 (23)	8.2 (21)
UMFMTC Index Target	3.4 (48)	10.8 (57)	11.2 (60)	6.9 (13)	8.3 (28)	5.3 (25)	7.1 (35)	0.2 (15)	7.5 (4)	15.1 (40)	11.3 (68)	8.3 (20)

## Total Fund Risk/Return

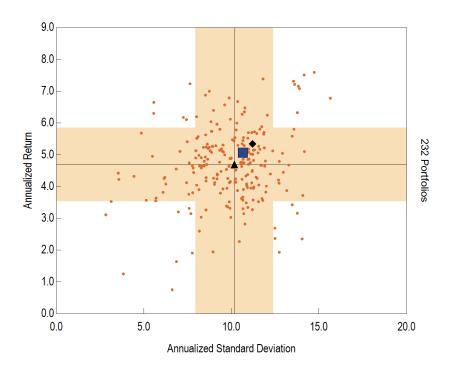
As of September 30, 2017

## Annualized Return vs. Annualized Standard Deviation 5 Years Ending September 30, 2017



- UMFMTC Total Fund
- ◆ UMFMTC Index Target
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce All Foundation Net

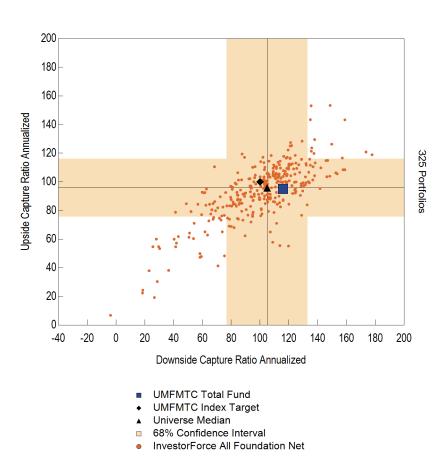
#### Annualized Return vs. Annualized Standard Deviation 10 Years Ending September 30, 2017



- UMFMTC Total Fund
- UMFMTC Index Target
- ▲ Universe Median
- 68% Confidence Interval
- InvestorForce All Foundation Net

As of June 30, 2017

Upside Capture Ratio Annualized vs. Downside Capture Ratio Annualized 5 Years Ending June 30, 2017



#### **Disclosure Statement**

As of September 30, 2017

#### Disclosure

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## Disclosure Statement

As of September 30, 2017

Where applicable, performance results include the reinvestment of dividends and other earnings. Past results are not necessarily indicative of future results, and no representation is made that results similar to those shown can be achieved. Investments in accounts managed by Colony or other advisors may lose value. Investment results will fluctuate. Certain market and economic events having a positive impact on performance may not repeat themselves.

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