

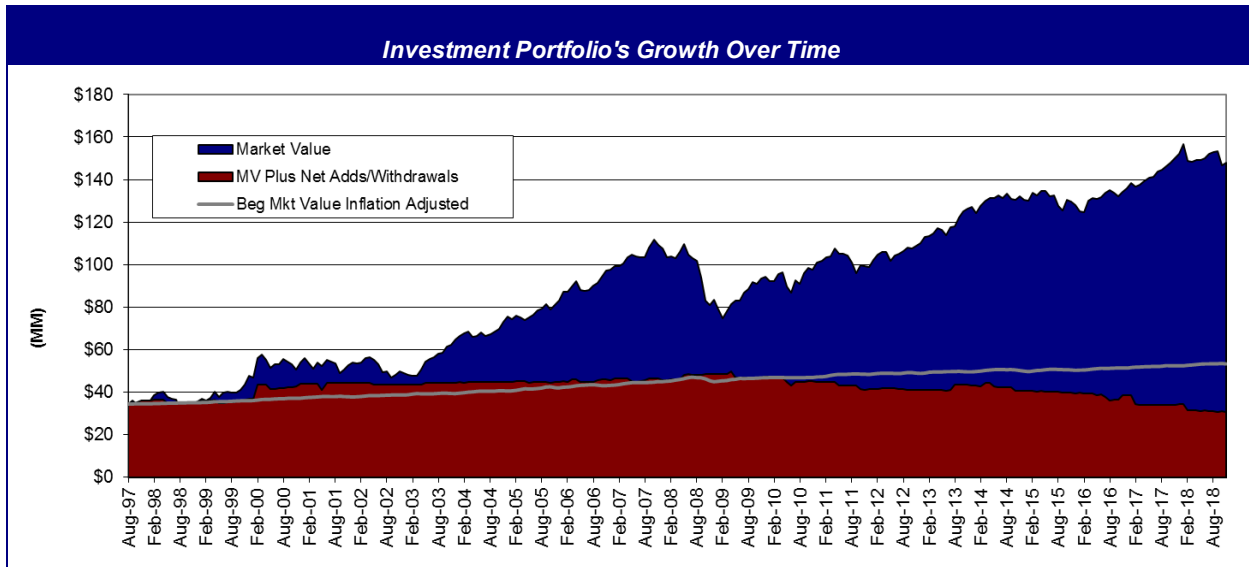
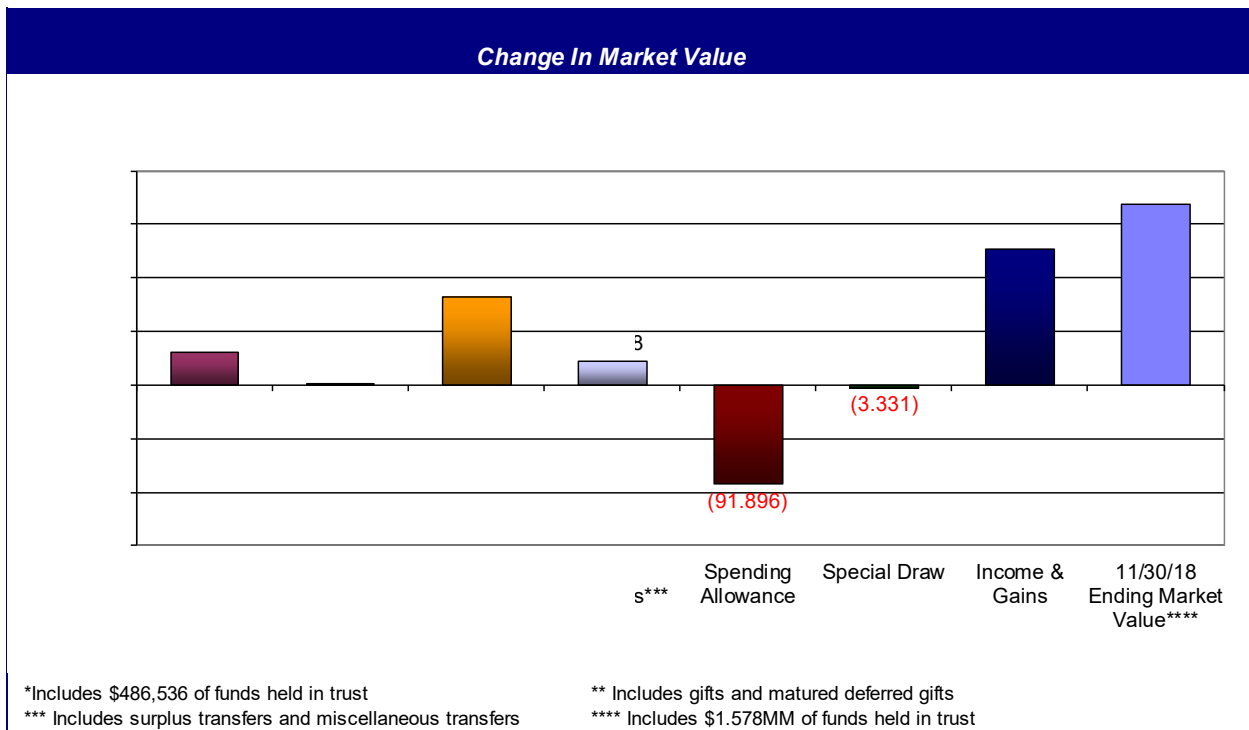
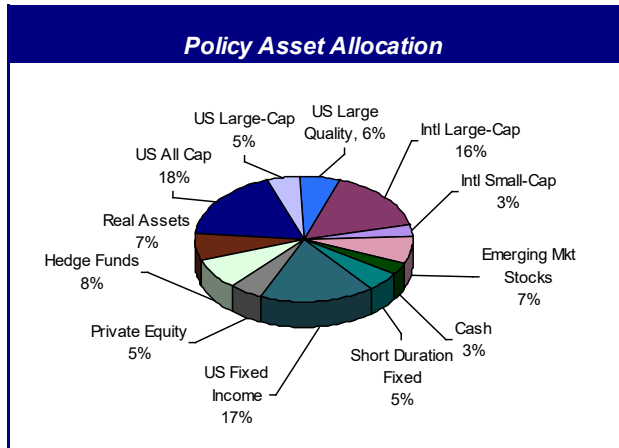
Luther College Endowment

Investment Portfolio

Executive Summary

As of November 30, 2018

<i>Portfolio Objectives</i>	
Spending Rate	5.00%
Inflation Rate	3.00%
Portfolio Fees	<u>0.75%</u>
Return Need (Gross of Fees)	8.75%
Return Need (Net of Fees)	8.00%
Return since 8/31/97 (Net of Fees)	6.50%
Long Term Expected Return (Net)	+6.5%
Standard Deviation (1 Yr)	±12.5%
Expected Return Range (1Yr)	-6.0% to +19.0%
Value-at-Risk (1Yr)	-22.4%



Investment Portfolio Performance		%	1 Year	3 Years	5 Years	10 Years	Investment Portfolio Performance		%	1 Year	3 Years	5 Years	10 Years
Luther College Endowment <i>Policy Return</i>	100.0	0.9	6.7	5.1	7.9	7.9	Alternative Managers	20.0	6.3	5.6	4.9	3.9	
		0.5	6.4	5.0	8.2	8.2							
Marketable Composite <i>Policy Return</i>	91.6	(0.3)	6.6	4.8	8.4	8.4	Vanguard REIT Index	1.9	1.9	-	-	-	
		(0.7)	6.0	4.4	8.3	8.3	MSCI US REIT Index		3.7	-	-	-	
Equity Managers <i>Policy Return</i>	57.2	(0.4)	8.8	6.6	11.1	11.1	Van Eck Global Hard Assets	1.4	(14.2)	(0.4)	(9.3)	-	
		(0.8)	8.2	6.3	11.2	11.2	S&P NA Natural Resources		(6.1)	1.6	(3.8)	-	
Vanguard Total Stock Mkt <i>CRSP US Total Market</i>	17.5	5.6	-	-	-	-	BlackRock Diamond Property Fund	0.0	--	--	--	--	
		5.6	-	-	-	-	DRA Growth and Income Fund V	0.0	--	--	--	--	
Jensen Quality Growth <i>S&P 500</i>	6.1	11.8	15.3	12.6	-	-	DRA Growth and Income Fund VI	0.1	--	--	--	--	
		6.3	12.2	11.1	-	-	BlackRock Real Asset Fund II	0.3	--	--	--	--	
Renaissance Inst Equities Fund <i>S&P 500</i>	2.7	8.3	16.7	16.0	15.0	15.0	Park Street Capital NR	0.0	--	--	--	--	
		6.3	12.2	11.1	14.3	14.3	Park Street Capital NR II	0.1	--	--	--	--	
Vanguard Developed Markets <i>Spliced Developed Markets</i>	15.2	(8.1)	4.8	2.3	7.8	7.8	Park Street Capital NR Fund III	0.2	--	--	--	--	
		(8.3)	4.6	2.2	7.7	7.7	Mercer PIP II Real Assets	0.9	--	--	--	--	
DFA International Small Company <i>MSCI Wild ex U.S. Sm Cap</i>	2.6	-	-	-	-	-	Mercer PIP III Real Assets	1.0	--	--	--	--	
		-	-	-	-	-	Mercer PIP IV Real Assets	0.6	--	--	--	--	
Vanguard Emerging Markets <i>Spliced Emerging Markets</i>	6.9	(8.9)	8.1	-	-	-	Mercer PIP V Real Assets	0.0	--	--	--	--	
		(9.1)	7.9	-	-	-	Auda Secondary Fund L.P.	0.0	--	--	--	--	
Parametric Defensive Equity <i>50% S&P 500 / 50% T-Bills</i>	6.2	3.0	-	-	-	-	Commonfund Capital Partners	0.2	--	--	--	--	
		4.2	-	-	-	-	European Strategic Partners 2008	0.5	--	--	--	--	
							Goldman Sachs Distressed Opp IV	0.2	--	--	--	--	
							Newbury Secondary Fund	0.2	--	--	--	--	
							Mercer PIP II Private Equity Fund	1.0	--	--	--	--	
							Mercer PIP III Private Equity Fund	1.7	--	--	--	--	
							Mercer PIP IV Private Equity Fund	0.6	--	--	--	--	
							Mercer PIP V Private Equity Fund	0.3	--	--	--	--	
							ICG Strategic Secondary Fund II	0.7	--	--	--	--	
							Mercer Hedge Fund Investors SP-1	4.0	1.1	3.0	-	-	
							Pinehurst Inst'l Ltd Class C1 Srs 1	4.2	3.8	4.5	4.3	6.8	
							<i>HFR Fund of Funds Index</i>		(1.5)	1.7	2.0	3.1	
							Fixed Income Managers	22.8	(0.7)	1.9	1.7	4.3	
							<i>Policy Return</i>		(1.0)	1.7	1.7	3.8	
							Vanguard Total Bond Market Index	9.7	(1.3)	1.3	2.0	3.6	
							<i>Barclays US Aggregate Float Adj</i>		(1.4)	1.4	2.0	3.7	
							JPMorgan Core Bond Fund	3.8	(1.0)	1.5	2.1	-	
							<i>Barclays Capital Aggregate</i>		(1.3)	1.3	2.0	-	
							Vanguard Short-Term Treasury	4.1	-	-	-	-	
							<i>Barclays U.S. Treasury 1-3 Year</i>		-	-	-	-	
							Vanguard ST Investment Grade	5.2	0.3	-	-	-	
							<i>Barclays 1-5 year Credit</i>		0.3	-	-	-	

	Market Value (\$)	Performance Results (%)								
		Since Inception		Last 10 Years	Last 5 Years	Last 3 Years	Last 1 Year	YTD	FYTD	
		Date	Return							
Luther College Endowment Policy Return	\$147,983,457	Sep-97	6.5	7.9	5.1	6.7	0.9	(0.5)	(0.8)	
			6.1	8.2	5.0	6.4	0.5	(0.7)	(1.4)	
Luther College Marketable Comp. Marketable Policy Index	\$135,534,914	Sep-97	6.5	8.4	4.8	6.6	(0.3)	(1.3)	(1.5)	
			5.9	8.3	4.4	6.0	(0.7)	(1.9)	(2.1)	
S&P 500		Sep-97	7.4	14.3	11.1	12.2	6.3	5.1	3.0	
Barclays Aggregate Bond		Sep-97	4.8	3.7	2.0	1.3	(1.3)	(1.8)	(0.3)	
Equity Managers Policy Return	\$ 84,673,234	Sep-97	7.7	11.1	6.6	8.8	(0.4)	(1.6)	(1.8)	
			6.9	11.2	6.3	8.2	(0.8)	(2.2)	(2.6)	
Fixed Income Managers Policy Return	\$ 33,701,804	Sep-97	4.3	4.3	1.7	1.9	(0.7)	(1.1)	0.2	
			4.8	3.8	1.7	1.7	(1.0)	(1.3)	(0.1)	
Alternatives Managers	\$ 29,608,419	Sep-01	4.7	3.9	4.9	5.6	6.3	3.3	1.6	