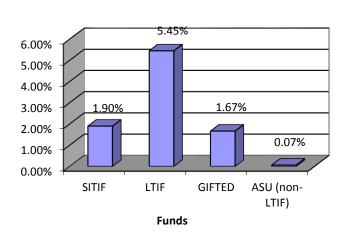
### TEXAS TECH UNIVERSITY SYSTEM MANAGED INVESTMENTS Quarter Ended November 30, 2016

Investment Type	Market Value 11/30/16	% of Total	12-Month Return
SHORT/INTERMEDIATE TERM INVESTMENT FUND (SITIF)	\$ 1,147,623,405	50.90%	1.9%
LONG TERM INVESTMENT FUND (LTIF)	1,062,308,394	47.11%	5.5%
OTHER (GIFTED) INVESTMENTS	18,204,954	0.81%	1.7%
ANGELO STATE UNIVERSITY (non-LTIF)	26,694,046	1.18%	0.1%
TOTAL INVESTMENT	\$ 2,254,830,800	100.00%	

#### **INVESTMENT COMPONENTS**

#### 

#### 12-MONTH RETURN



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## TEXAS TECH UNIVERSITY SYSTEM MARKET VALUES OF INVESTMENT POOLS INVESTMENT ACTIVITY Quarter Ended November 30, 2016

	Short/ Intermediate Term Long Ter Investment Fund Investment				
Market Value @ 8/31/16	\$	1,172,904,108	\$ 1,032,804,927		
Net Additions Distributions Investment Income Realized Gains (Losses) Unrealized Gains (Losses)	\$	(1,191,197) - 4,192,886 - (28,282,392)	13,020,599 (14,460,207) (1,703,482) 6,184,672 26,461,886		
Market Value @ 11/30/16	_	1,147,623,405	\$ 1,062,308,394		

TEXAS TECH UNIVERSITY SYSTEM GIFTED INVESTMENTS		
Quarter Ended November 30, 2016		
Investment Type	N	Narket Value 11/30/16
Total Restricted Funds Total Endowment Funds Total Foundation/Agency Funds	\$	1,108,562 416,687 16,679,705
TOTAL GIFTED INVESTMENTS	\$	18,204,954

	TEXAS TECH UNIVERSITY SYSTEM ANGELO STATE UNIVERSITY Quarter Ended November 30, 2016		
In	Market Value 11/30/16		
Angelo State: Short-Term: TexPool		\$	26,693,780
Long-Term: CMOs			267
	Total Angelo State - Other	\$	26,694,046

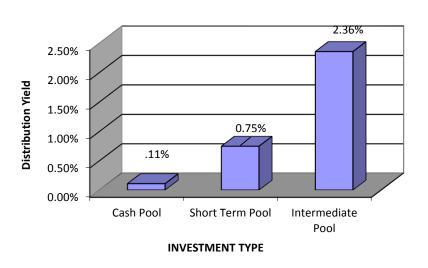
## TEXAS TECH UNIVERSITY SYSTEM TREASURY & CASH MANAGEMENT SHORT/INTERMEDIATE TERM INVESTMENT FUND as of November 30, 2016

Investment Type		Book Value 11/30/16	% of Total	Market Value 11/30/16	12-month Distribution Yield	12- Month SITIF Return
Cash Pool						
Depository Accounts	9	\$ 107,431,987	9.71%	\$ 107,431,987	0.1%	0.1%
Money Market Fund - Invesco		10,146,303	0.92%	10,146,303	0.4%	0.4%
Local Government Investment Pool - LOGIC		26,301,680	2.38%	26,301,680	0.6%	0.6%
Local Government Investment Pool - TexPool	_	40,683,301	3.68%	40,683,301	0.0%	0.0%
	Total Cash Pool	\$ 184,563,271	16.67%	\$ 184,563,271	0.2%	0.2%
Short Term Pool						
Money Market Fund - Northern Trust		1,439,711	0.13%	1,439,711	0.2%	0.2%
Treasuries		155,304,266	14.03%	155,235,559	0.7%	0.5%
Agencies		285,863,164	25.83%	285,705,595	0.8%	0.4%
Tota	l Short Term Pool	\$ 442,607,141	39.99%	\$ 442,380,865	0.7%	0.4%
Intermediate Pool						
Local Government Investment Pool - LOGIC	9	\$ 50,217,710	4.54%	\$ 50,217,710	0.4%	0.6%
External Investment Managers		429,484,446	38.80%	470,461,559	2.6%	4.0%
Total I	ntermediate Pool	\$ 479,702,157	43.34%	\$ 520,679,269	2.4%	3.9%
TOTAL SHORT/INTERMEDIATE TERM INVESTI	MENT FUND	\$ 1,106,872,569	100.00%	\$ 1,147,623,405	1.3%	1.9%

#### **INVESTMENT COMPONENTS**

# 45.80% 38.24% Cash Pool Short Term Pool Intermediate Pool

#### **DISTRIBUTION YIELDS BY CATEGORY**





#### Asset Class Performance: Actual vs. Policy (cont.)



		One	Year Pe	erforma	ance	
					19.31%	EM Debt
			13	.22%		Non US EM Equity
			12.5	5%		US Equity
			12.2	23%		Credit
		6.00	%			Alpha Pool
		5.659	6			Private Credit
		5.07%				Sov/IG Bonds
		4.87%				Private Real Assets
		2.54%				Private Equity
	<u></u> 1	.36%				Global Equity
	0.6	35%				Alternative Equity
	0.5	57%				Liquid Real Assets
	0.00	0%				Cash Collateral
	0.00	0%				Cash
	0.00	0%				Collateral Held Elsewhere
-1.7	78% 📰					Non US Dev Equity
3.77%						Liquidating

			Ca	ilendar Y	TD				1 Year		
Asset Class	Sub-Asset Class	Physical Return	Synthetic Overlay	Alpha Pool + Cash	Total Return	Policy	Physical Return	Synthetic Overlay	Alpha Pool + Cash	Total Return	Policy
	US Equity	0.00%	9.86%	5.23%	15.75%		0.00%	7.32%	4.57%	12.55%	
	Global Equity	2.74%			2.74%		1.36%			1.36%	
Equity	Non US Developed Equity	4.81%	-3.28%	5.23%	2.11%		3.58%	-6.85%	4.57%	-1.78%	
Equity	Non US Emerging Markets Equity	9.97%	-0.80%	0.11%	13.67%		9.44%	-0.80%	0.11%	13.22%	
	Alternative Equity	2.76%			2.76%		0.65%			0.65%	
	Sub-Total	3.55%	2.69%	5.23%	5.83%	6.07%	1.90%	-0.47%	4.57%	3.37%	4.10%
	Sovereign/Investment Grade Bonds	0.00%	0.22%	5.23%	5.70%		0.00%	0.08%	4.57%	5.07%	
Debt	Credit	13.28%			13.28%		12.23%			12.23%	
Debt	Emerging Markets Debt	22.12%			22.12%		19.31%			19.31%	
Sub-Total		15.77%	0.22%	5.23%	14.46%	2.56%	14.26%	0.08%	4.57%	12.90%	3.10%
Liquid	Real Assets	-3.52%	21.75%	5.23%	-1.34%	5.53%	-4.04%	30.56%	4.57%	0.57%	5.76%
	Cash	0.00%			0.00%		0.00%			0.00%	
	Cash Collateral	0.00%			0.00%		0.00%			0.00%	
Cash & Alpha Pool	Collateral Held Elsewhere	0.00%			0.00%		0.00%			0.00%	
	Alpha Pool	6.83%			6.83%		6.00%			6.00%	
	Sub-Total	5.34%			4.09%		4.81%			2.77%	
	Private Equity	7.59%			7.59%		2.54%			2.54%	
Private	Private Credit	10.34%			10.34%		5.65%			5.65%	
Investments	Private Real Assets	6.28%			6.28%		4.87%			4.87%	
	Sub-Total	8.09%			8.09%	4.87%	4.62%			4.62%	3.90%
Liquidating		-0.71%			-0.71%		-6.77%			-6.77%	
Portfolio Hedge Contribution		n/a			n/a		n/a			n/a	
Total		7.02%	2.98%	5.23%	6.77%	4.95%	5.23%	0.96%	4.57%	5.45%	4.14%

#### **Glossary of Terms**

Book Value Fund value without accounting for changes in market value. Sum of original investment,

additions and deletions from the fund, current income (interest and dividends less fees),

and realized gains and losses.

Market Value Fund value with investments priced as of the date of the report. Sum of book value and

unrealized gains and losses.

Yield Return measuring current income (interest and dividends less fees) earned based on the

beginning market value of fund.

Total Return Return measuring total appreciation in the value of the fund. Total appreciation includes

current income, plus realized and unrealized gains and losses.

One Year Yield Yield for the year ended as of the date of the report.

One Year Total Return Total return for the year ended as of the date of the report.