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Texas Tech University System Capital Markets Overview

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BOSTON | ATLANTA | CHARLOTTE | CHICAGO | DETROIT | LAS VEGAS | SAN FRANCISCO

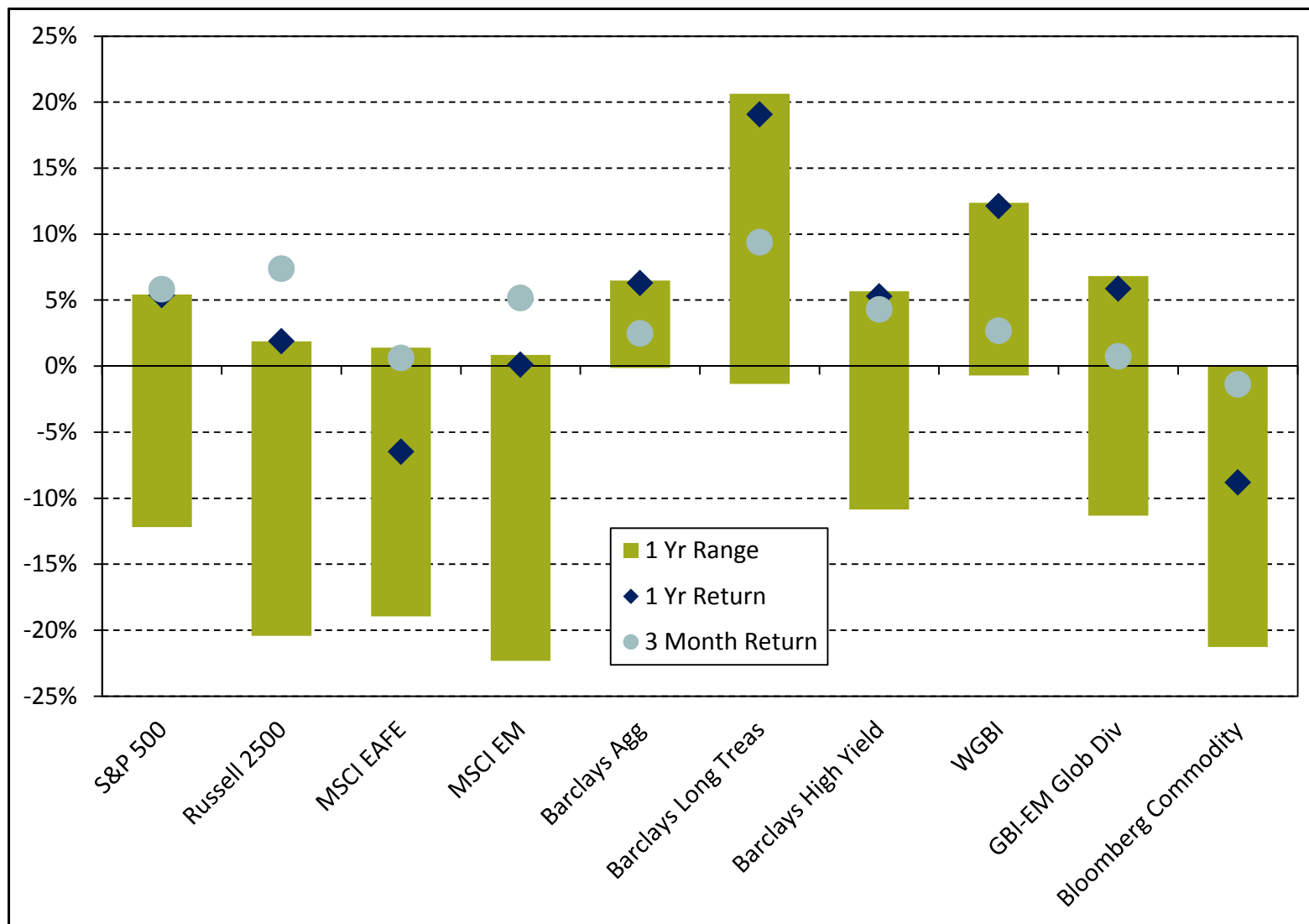
Index Performance Summary as of July 29 2016

	2009	2010	2011	2012	2013	2014	2015	Q1	Q2	July	YTD
Barclays US STRIPS 20+ Yr	-36.0%	10.9%	58.5%	3.0%	-21.0%	46.4%	-3.7%	11.4%	9.6%	3.9%	26.7%
FTSE NAREIT Equity REITs	28.0%	28.0%	8.3%	18.1%	2.5%	30.1%	3.2%	6.0%	7.0%	4.2%	18.1%
Barclays US Govt/Credit Long	1.9%	10.2%	22.5%	8.8%	-8.8%	19.3%	-3.3%	7.3%	6.5%	2.6%	17.2%
Barclays US Long Credit	16.8%	10.7%	17.1%	12.7%	-6.6%	16.4%	-4.6%	6.8%	6.7%	2.8%	17.1%
Alerian MLP	76.4%	35.9%	13.9%	4.8%	27.6%	4.8%	-32.6%	-4.2%	19.7%	0.6%	15.3%
JPM GBI-EM Global Div	22.0%	15.7%	-1.8%	16.8%	-9.0%	-5.7%	-14.9%	11.0%	2.7%	0.6%	14.7%
JPM EMBI Global Diversified	29.8%	12.2%	7.3%	17.4%	-5.3%	7.4%	1.2%	5.0%	5.0%	1.8%	12.3%
Barclays US Corporate HY	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	3.4%	5.5%	2.7%	12.0%
MSCI EM	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	5.7%	0.7%	5.0%	11.8%
Citi WGBI	2.6%	5.2%	6.4%	1.6%	-4.0%	-0.5%	-3.6%	7.1%	3.4%	0.5%	11.3%
Russell 2500	34.4%	26.7%	-2.5%	17.9%	36.8%	7.1%	-2.9%	0.4%	3.6%	5.2%	9.4%
Russell 2000	27.2%	26.9%	-4.2%	16.3%	38.8%	4.9%	-4.4%	-1.5%	3.8%	6.0%	8.3%
Russell 1000	28.4%	16.1%	1.5%	16.4%	33.1%	13.2%	0.9%	1.2%	2.5%	3.8%	7.7%
S&P 500	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	1.3%	2.5%	3.7%	7.7%
Bloomberg Commodity	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	0.4%	12.8%	-5.1%	7.5%
Barclays US Agg Bond	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	3.0%	2.2%	0.6%	6.0%
Credit Suisse Leveraged Loan	44.9%	10.0%	1.8%	9.4%	6.2%	2.1%	-0.4%	1.3%	2.9%	1.4%	5.7%
<i>MSCI ACWI (TTUS Proxy)</i>	<i>34.6%</i>	<i>12.7%</i>	<i>-7.3%</i>	<i>16.1%</i>	<i>22.8%</i>	<i>4.2%</i>	<i>-2.4%</i>	<i>0.2%</i>	<i>1.0%</i>	<i>4.3%</i>	<i>5.6%</i>
Barclays Municipal	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	1.7%	2.6%	0.1%	4.4%
Barclays US Agg Interm	6.5%	6.1%	6.0%	3.6%	-1.0%	4.1%	1.2%	2.3%	1.4%	0.3%	4.1%
BC US Govt/Credit 1-3 Yr	3.8%	2.8%	1.6%	1.3%	0.6%	0.8%	0.7%	1.0%	0.7%	0.0%	1.7%
MSCI EAFE	31.8%	7.8%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	-3.0%	-1.5%	5.1%	0.4%
Credit Suisse Hedge Fund	18.6%	10.9%	-2.5%	7.7%	9.7%	4.1%	-0.7%	-2.2%	0.6%	-0.1%	-1.6%

Source: Morningstar Direct

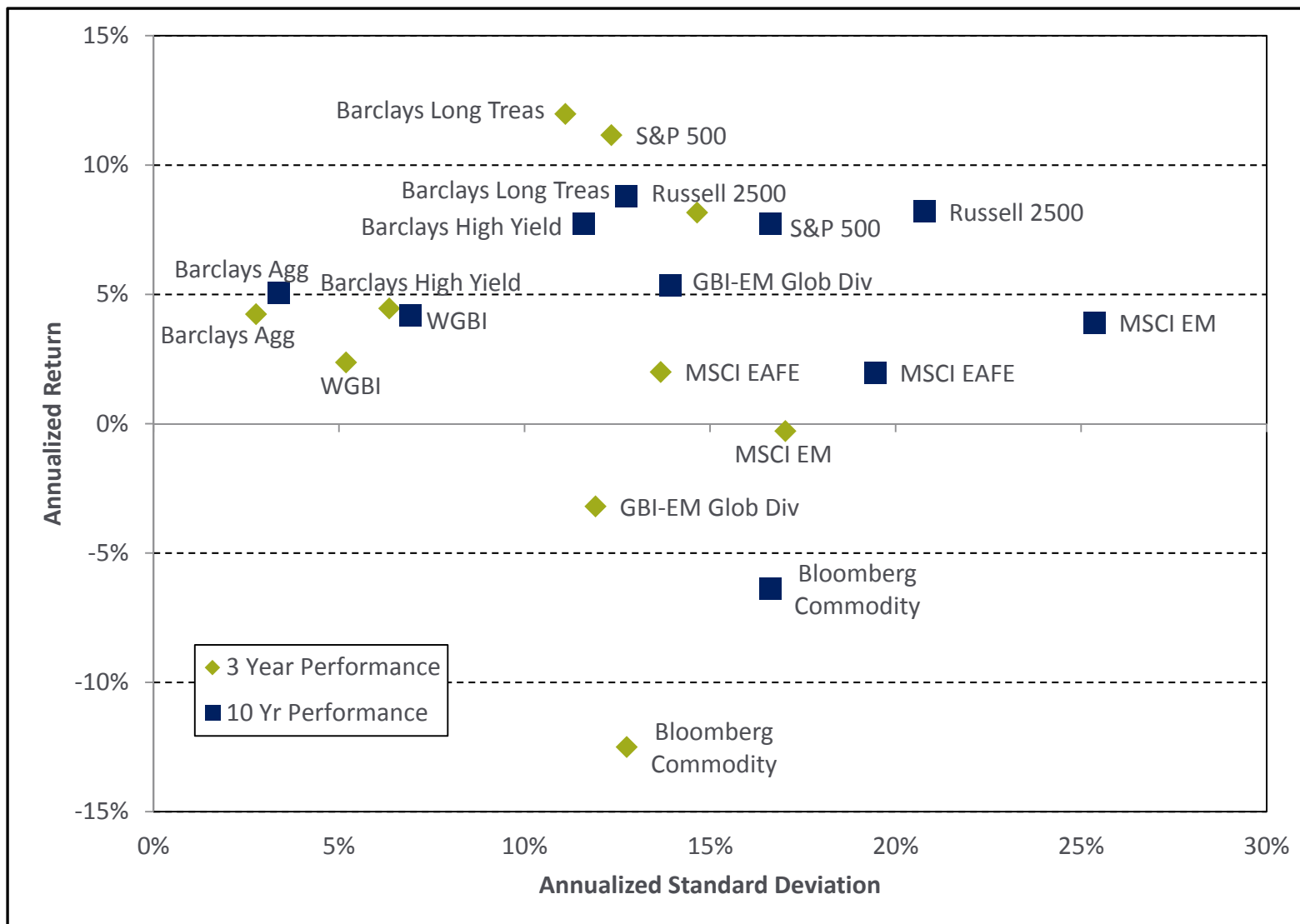
- **Equities:** After a rocky end to the second quarter, global equities bounced back in July and posted gains in most major markets. As Brexit shockwaves dissipated, equity volatility subsided and international equities surged amid a supportive central banking backdrop.
 - The MSCI EAFE returned 5.1% as the European Central Bank and Bank of Japan both continued expansive asset purchasing programs.
 - The MSCI EM Index extended its rally, returning 5.0% on the month as positive flows offset declining commodity prices and investors pursued higher returning assets.
 - In the US, the Russell 2000 gained 6.0% compared to the S&P 500 return of 3.7% as investors favored a risk-on posture for the month.
- **Fixed Income:** In fixed income markets, investors continued to search for positive yielding assets. Much of the developed bond world is awash in negative yields as 10 year German and Japanese government bonds finished the month at negative 12 and 19 basis points, respectively.
 - Despite the negative yields, the Citi WGBI Index rose 0.5% as central bank buying and demand for safe assets pushed prices higher.
 - The 10 year Treasury fell marginally during July, down three basis points to 1.46%.
 - The global interest rate environment provided a solid background for core fixed income returns as the Barclays US Aggregate Index gained 0.6%.
 - Further out on the risk spectrum, US high yield issues returned 2.7%, extending their year-to-date rally. Emerging market bond issues also rallied as the search for yield drove positive asset flows to the space.

Near Term Broad Market Performance Summary as of 07/29/2016



Source: Bloomberg, Standard and Poors, Russell, MSCI, Barclays, Citigroup, JP Morgan
 *1 Yr Range: Represents range of cumulative high/low daily index returns for an investment made one year ago

Long Term Broad Market Performance Summary as of 07/29/2016



Source: Bloomberg, Standard and Poors, Russell, MSCI, Barclays, Citigroup, JP Morgan

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