

# Long-Short Equity

QUARTERLY UPDATE AS OF MARCH 31, 2018



## Strategy Overview

River Road's Long-Short Equity Portfolio is a hedged equity strategy that employs a fundamental, all-cap, value-oriented approach. The Strategy seeks to provide **equity-like returns** with substantially **reduced volatility** while emphasizing **capital protection**.

## Portfolio Managers



**Matt W. Moran, CFA**  
18 years of experience  
Bradley University, BS  
University of Chicago, MBA



**Daniel R. Johnson, CFA, CPA**  
12 years of experience  
University of Kentucky, BS  
University of Kentucky, MAcc

## Investment Objectives

### EQUITY-LIKE RETURNS

The Strategy seeks to outperform the blended index<sup>1</sup> by 300 to 500 bps over a full market cycle. We seek to construct a concentrated long portfolio of 20 to 40 excellent companies trading at compelling prices and a short portfolio of 20 to 40 challenged business models that are overvalued and exhibit low momentum.

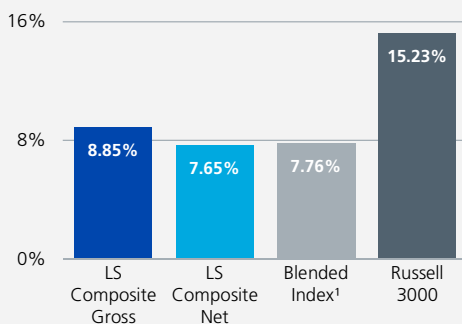
### REDUCED VOLATILITY

We seek to reduce Portfolio volatility by maintaining a flexible net market exposure of 10-90%. Normal exposure is 50-70%. We also limit volatility by executing on the fundamentals of risk management: we do not average down and we set stop losses, monitor losses at the portfolio level, and seek to avoid high momentum in the short portfolio.

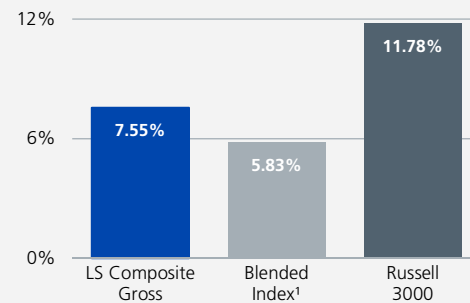
### CAPITAL PROTECTION

The Strategy employs two tools that we believe help prevent major drawdowns in the Portfolio: the discount-to-value indicator and the Drawdown Plan. We use our discount-to-value indicator to proactively reduce exposure in extremely overvalued markets. The Drawdown Plan is a reactive method to reduce exposure in declining markets.

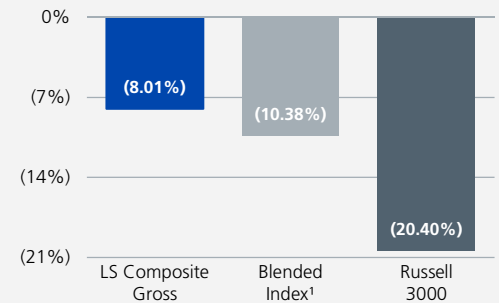
### Since Inception Anlzd Return



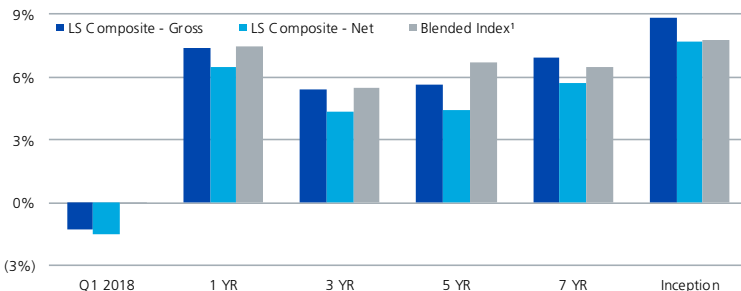
### Since Inception Anlzd Std Deviation



### Since Inception Max Drawdown

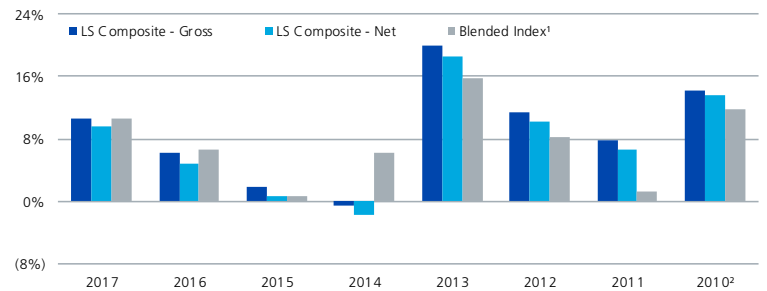


## Trailing Performance



	Q1 2018	1 YR	3 YR	5 YR	7 YR	Inception
<b>LS Composite - Gross</b>	<b>(1.29%)</b>	<b>7.39%</b>	<b>5.42%</b>	<b>5.61%</b>	<b>6.92%</b>	<b>8.85%</b>
<b>LS Composite - Net</b>	<b>(1.50%)</b>	<b>6.48%</b>	<b>4.32%</b>	<b>4.44%</b>	<b>5.73%</b>	<b>7.65%</b>
Blended Index <sup>1</sup>	(0.04%)	7.41%	5.46%	6.69%	6.43%	7.76%
<b>Out/Underperformance</b>	<b>(1.25%)</b>	<b>(0.02%)</b>	<b>(0.04%)</b>	<b>(1.08%)</b>	<b>+0.49%</b>	<b>+1.09%</b>
Russell 3000	(0.64%)	13.81%	10.22%	13.03%	12.39%	15.23%
Russell 3000 Value	(2.82%)	6.81%	7.87%	10.71%	10.87%	13.55%

## Annual Performance



	2017	2016	2015	2014	2013	2012	2011	2010 <sup>2</sup>
<b>LS Composite - Gross</b>	<b>10.54%</b>	<b>6.14%</b>	<b>1.85%</b>	<b>(0.54%)</b>	<b>20.01%</b>	<b>11.49%</b>	<b>7.72%</b>	<b>14.15%</b>
<b>LS Composite - Net</b>	<b>9.60%</b>	<b>4.90%</b>	<b>0.64%</b>	<b>(1.73%)</b>	<b>18.58%</b>	<b>10.16%</b>	<b>6.54%</b>	<b>13.58%</b>
Blended Index <sup>1</sup>	10.58%	6.55%	0.54%	6.29%	15.78%	8.17%	1.30%	11.79%
<b>Out/Underperformance</b>	<b>(0.04%)</b>	<b>(0.41%)</b>	<b>+1.31%</b>	<b>(6.83%)</b>	<b>+4.23%</b>	<b>+3.32%</b>	<b>+6.42%</b>	<b>+2.36%</b>
Russell 3000	21.13%	12.74%	0.48%	12.56%	33.55%	16.42%	1.03%	24.46%
Russell 3000 Value	13.19%	18.40%	(4.13%)	12.70%	32.69%	17.55%	(0.10%)	22.12%

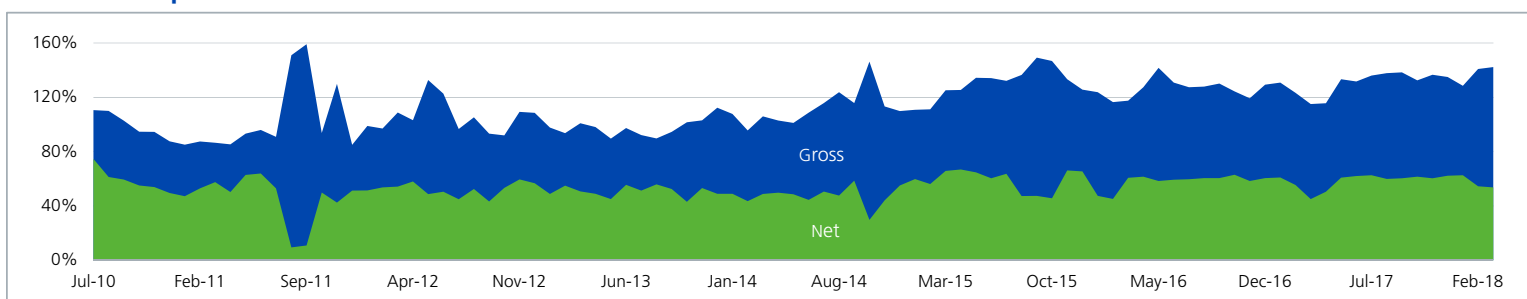
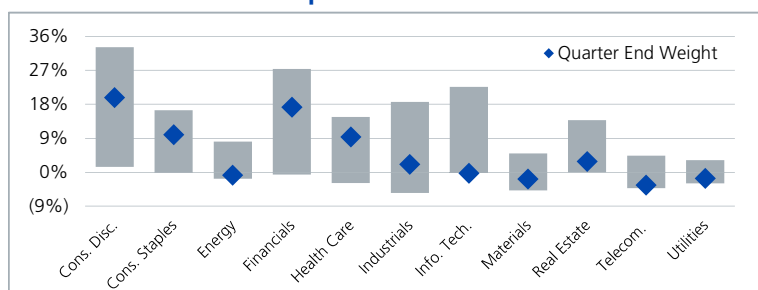
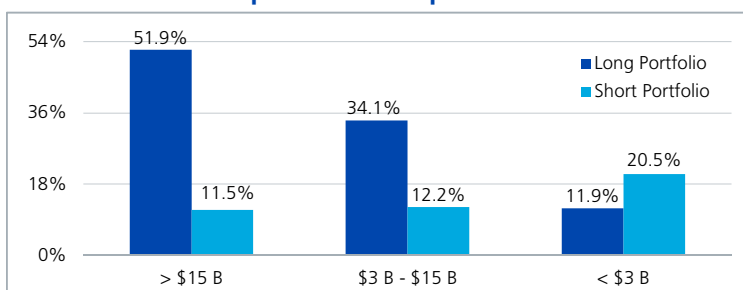
Performance is shown gross and net of fees. Inception date: July 1, 2010. <sup>1</sup>The blended index represents a 50% weighting of the Russell 3000 index and a 50% weighting of the ICE BofAML US Treasury Bill (0-3 M) (Local Total Return); rebalanced daily. <sup>2</sup>July 1, 2010 through December 31, 2010. Out/underperformance compares gross performance and the blended index. LS Composite max drawdown calculated using daily gross performance. Exposure and holdings ranges are working guidelines subject to market fluctuations and other factors. Exact ranges may not be achieved. Source: River Road Asset Management LLC, FactSet Research Systems Inc., and Russell Investment Group. Past performance is no guarantee of future results. Please see reverse side for important disclosure information.

## Return &amp; Risk Analysis

Since Inception	LS Composite Gross	LS Composite Net	Russell 3000
Anlzd. Return	8.85%	7.65%	15.23%
Anlzd. Alpha	1.64	0.53	--
Upside Capture	52%	49%	100%
Downside Capture	41%	45%	100%
Max 1-Month Drawdown	(6.69%)	(6.75%)	(7.76%)
Max Drawdown	(8.01%)	(8.36%)	(20.40%)

Trailing Five Years	LS Composite Gross	Russell 3000
Sharpe Ratio	0.68	1.28
Sortino – 3% MAR	0.48	1.75
Beta	0.56	1.00
Anlzd. Std. Dev.	7.78	9.91
R-Squared	51.15	100.00
Correlation	0.72	1.00

## Historical Exposure

Historical Net Sector Exposure<sup>1</sup>Current Market Capitalization Exposure<sup>2</sup>

Inception date: July 1, 2010. <sup>1</sup>Sector exposure range reflects quarterly maximum and minimum exposure since inception (July 1, 2010) and excludes index hedges held during the Drawdown Plan. Results reflect October 1, 2016 inception of the Real Estate sector; prior to this date, these stocks were classified within the Financials sector. Classifications provided from the Global Industry Classification Standard ("GICS"). Stocks without a reported sector are not presented. <sup>2</sup>Market capitalization exposure presented as gross ending weights for the long and short portfolios. Stocks without a reported market cap (e.g. corporate reorganizations, mergers, acquisitions, dissolutions) are not presented. Gross of fees performance does not reflect the effect of management fees (performance would have been lower). Please refer to the net of fees performance provided when considering this strategy. LS Composite annualized return and max drawdown are calculated using daily performance; all other return and risk statistics are calculated using monthly performance. Source: River Road Asset Management LLC, FactSet Research Systems Inc., and Russell Investment Group.

**Composite Components and Representative Portfolios:** The LS Composite consists of the following components: long portfolio, short portfolio, index hedges, cash, and an immaterial investment in covered call options previously held in the Composite. All data shown for individual components (except cash) excludes the impact of cash. For the "short portfolio" component, performance includes the impact of dividend expense, but excludes the impact of the cost to borrow the underlying stock that is shorted, the cash received from shorting, and index hedges applied during the drawdown plan. Cost to borrow expenses and the cash received from shorting are reflected in the "cash" component; "index hedges" are their own component. Any performance shown for one of the components is supplemental information only. The performance methodology employed for calculating supplemental performance varies from that of RRAM official performance measurement.

Unless otherwise noted as Composite, the information presented is based on representative portfolios within the Long-Short Equity Strategy. Since no single representative portfolio is available to represent the strategy since inception, different representative portfolios are used for different periods (using the same selection criteria) to create a continuous representative portfolio. Representative portfolio information is supplemental to the Composite presentation.

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