BOSTON ADVISORS

International Equity

SEPARATE ACCOUNT | Q2 2018

About Us

Founded: 1982

Headquarters: Boston, MA

AUM: \$4.4B

Investment Team: 21 members **Average PM Industry Tenure:** 20 years

Investment Capabilities

We offer multi-asset investment capabilities with a strong quantitative discipline, specifically:

- U.S. large cap core, growth, and value
- U.S. small cap core, growth, and value
- International equity and ADR
- Global tactical asset allocation
- Blended/custom strategies
- $\bullet \ {\sf Socially\ responsible/faith\ based}$

International Equity

Inception: February 28, 2015 Composite Assets: \$72m Account Minimum: SMA \$3m Minimum Fee: \$300,000

Portfolio Management Team



Ivka Kalus-Bystricky
Sr. VP & Portfolio Manager
Industry start: 1998
Firm start: 2015
Harvard University - BA
Fletcher School of Law and
Diplomacy - MS
INSEAD - MBA



David Hanna
Sr. VP & Director of Institutional
Portfolio Management
Industry start: 1987
Firm start: 2006
Pennsylvania State University - BS



Michael J. Vogelzang, CFA CIO, President Industry start: 1984 Firm start: 1997 Calvin College - BA

Investment Strategy & Process

Investment Strategy

- The International Equity Strategy pursues long-term capital appreciation by investing in quality, international companies.
- The portfolio management team uses a robust, quantitative stock selection model to identify companies that have attractive risk/return profiles.
- The team favors investments that offer above-average growth prospects at reasonable relative valuations, strong and/or improving earnings growth rates, as well as sustained earnings quality and good capital deployment.
- The team looks for investments that benefit from differential regional and sector growth trends, have stock-specific growth drivers such as a product innovation, distribution, or operational adaptability, and sustainable business models that do better than peers across the economic cycle.

Investment Process

- The investment process combines quantitative and fundamental discipline to construct portfolios.
- The quantitative approach brings objectivity to analysis, breadth in coverage and systematic process to the buy and sell decision.
- Fundamental research complements this data-focused analysis. The seasoned judgment of the portfolio managers helps to contextualize and interpret model rankings and validate key recommendations.
- The combination of the two disciplines results in a portfolio in which managers have high
 conviction in holdings, turnover is lower when compared to pure quant-run portfolios, and
 there is a deeper understanding of the portfolio's overall dynamics and composition.
- Portfolio managers monitor and manage overall portfolio risk, including Sector, Region and Currency exposures relative to the international benchmark.

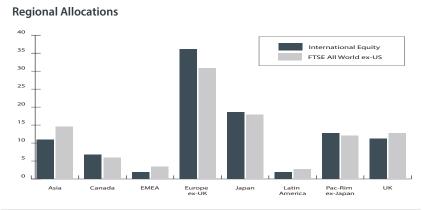
Performance Total Returns	Quarter to Date	Year to Date	1 Year	3 Years*	Since Inception (2/28/15)*
International Equity - Gross	-0.39%	-0.78%	13.31%	9.43%	8.06%
International Equity - Net	-0.57%	-1.15%	12.46%	8.61%	7.25%
FTSE All World ex-US	-2.54%	-3.65%	7.58%	5.59%	4.85%

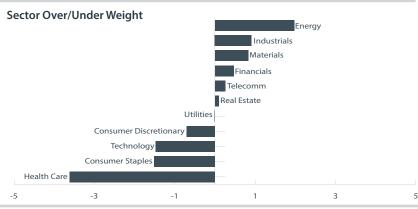
^{*}Annualized returns

Risk Statistics Since Inception (February 28, 2015)	International Equity (Gross)	FTSE All World ex-US		
Sharpe Ratio	0.61	0.36		
Standard Deviation	12.20%	12.02%		
Beta vs. Russell 1000 Growth	0.99	1.00		
Up Capture vs. FTSE All World ex-US	108.86	100.00		
Down Capture vs. FTSE All World ex-US	90.28	100.00		
Batting Average vs. FTSE All World ex-US	0.68			

Source: eVestment Analytics, quarterly data

Sharpe ratio, standard deviation, beta, up capture, down capture and batting average statistics are calculated using quarter end composite return values. The above data is intended to supplement the composite presentation located at the end of this presentation.





Portfolio Characteristics	International Equity	FTSE All World ex-US	Difference	
P/E Trailing*	12.2	14.0	(1.8)	
P/E Forward*	11.1	12.8	(1.7)	
Price to Book*	1.5	1.6	(0.1)	
Price to Cashflow*	6.4	7.9	(1.5)	
Earnings Growth (Past 3 yrs)	31.4	12.1	19.3	
Market Cap-Mean (\$Bil)	\$37.4	\$65.8	(\$28.4)	
Market Cap-Median (\$Bil)	\$19.1	\$6.0	\$13.1	
Market Cap- Weighted Median (\$Bil)	\$20.2	\$31.7	(\$11.5)	

*Weighted harmonic average

Source: Factset. Fundamental characteristics, active weights and sector allocations are for a representative account and are shown for illustrative purposes only. Each account is managed individually. Accordingly account characteristics may vary. The above data is intended to supplement the composite presentation located at the end of this presentation.

BOSTON ADVISORS, LLC INTERNATIONAL EQUITY COMPOSITE ANNUAL DISCLOSURE PRESENTATION									
	Firm Assets	Composite Assets		Annual Performance Results			Dispersion & Standard Deviation		
Year End	USD (billions)	USD (millions)	Number of Accounts	Composite Gross	Composite Net	FTSE All World ex-US	Composite Dispersion	Composite 3-Yr St Dev	Benchmark 3-Yr St Dev
2015	\$4.7	\$37.6	<6	-7.75%*	-8.33%*	-9.30%*	**	**	**
2016	\$4.7	\$45.1	<6	7.51%	6.71%	5.12%	**	**	**
2017	\$5.0	\$66.9	<6	31.59%	30.61%	27.47%	**	**	**

^{*}For 2015 performance presented for partial period beginning February 28, 2015

Boston Advisors, LLC International Equity Composite contains all discretionary, fee paying, institutional accounts with a minimum portfolio size of \$2 million that invest in international equities including both local (ordinary) shares and U.S. ADR's. The International Equity Composite is measured against the FTSE All World Ex-US Index. The Index comprises large and mid-cap stocks providing coverage of developed and emerging markets excluding the U.S. The International Equity Composite was created on February 28, 2015. Boston Advisors, LLC claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Boston Advisors, LLC has been independently verified for the periods April 1, 2006 through December 31, 2017. Verification assesses whether (1) the firm has complied with all the composite construction requirements of the GIPS standards on a firm-wide basis and (2) the firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS standards. The International Equity composite has been examined for the periods March 1, 2015 through December 31, 2017. The verification and performance examination reports are available upon request. Boston Advisors, LLC is an independent registered investment advisor located in Boston, Massachusetts. The firm maintains a complete list and description of composites, which is available upon request. Results are based on fully discretionary accounts under management, including those accounts no longer with the firm. Past performance is not indicative of future results. The U.S. Dollar is the currency used to express performance. Returns are presented gross and net of management fees, capital gains and includes the reinvestment of all income. Performance is presented gross of withholding taxes. Net of fee performance was calculated using the highest applicable stated management fee of 0.75% on total assets, applied quarterly. Actual investment advisory fees incurred by clients may vary. The annual composite dispersion presented is an asset-weighted standard deviation calculated for the accounts in the composite the entire year. The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period. The three-year annualized ex-post standard deviation of the composite and/or benchmark is not presented because 36 monthly returns are not available. Policies for valuing portfolios, calculating performance, and preparing compliant presentations are available upon request.

Current annual investment advisory fees are as follows: 0.75% First \$25 Million, 0.65% Next \$25 Million, 0.55% Next \$25 Million, 0.45% Remainder.

^{**}Information is not statistically meaningful due to an insufficient number of portfolios in the composite for the entire period