

Alpha Quant Core Equity

Investment Approach

Active: We manage concentrated, active strategies designed to add value through stock selection.

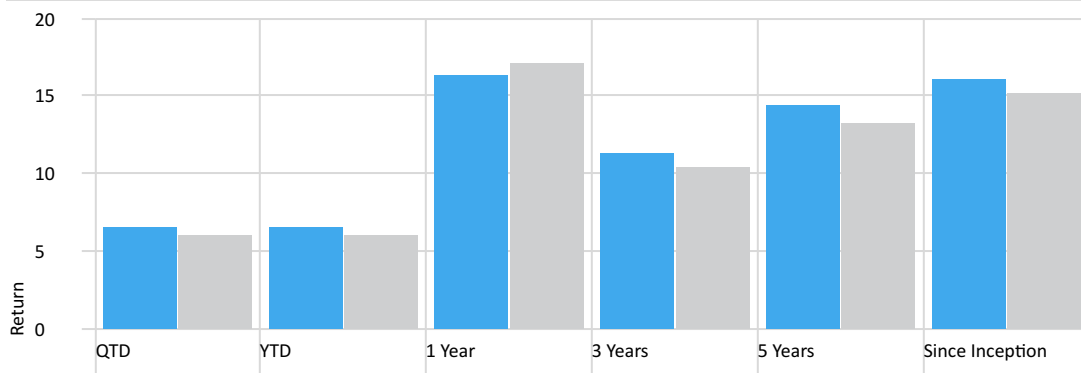
Transparent: Our strategies are driven by concepts rooted in fundamental analysis and supported by empirical evidence. Portfolios coherently display specific fundamental attributes.

Disciplined: We manage portfolios through a disciplined, rules-based process to insulate ourselves from market noise and to avoid overreaction to short-term events.

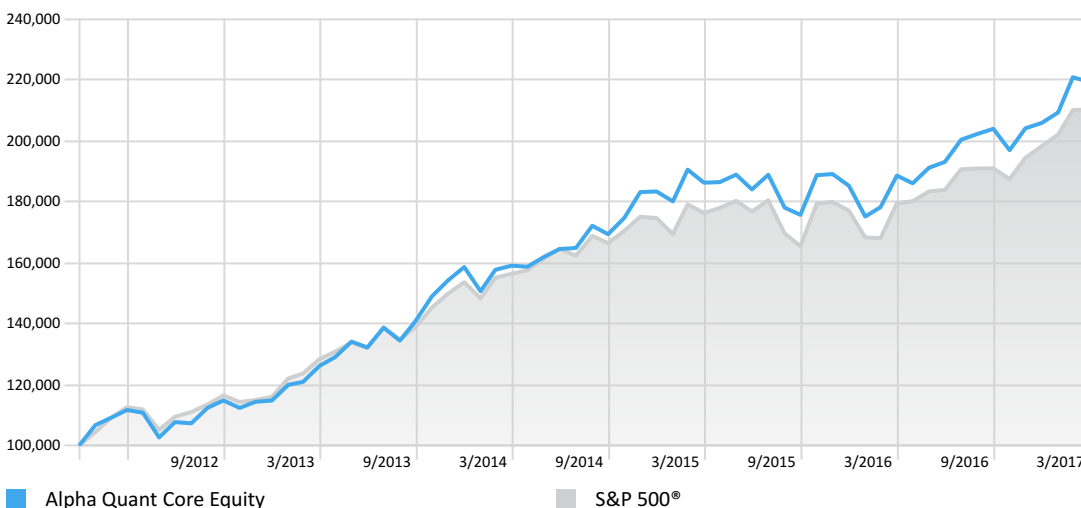
Average Annualized Total Return (%)

	QTD	YTD	1 Year	3 Years	5 Years	Since Inception
Alpha Quant Core Equity (Net)	6.54	6.54	16.30	11.30	14.44	16.13
Alpha Quant Core Equity (Gross)	6.83	6.83	17.63	12.55	15.71	17.41
S&P 500®	6.07	6.07	17.17	10.37	13.30	15.20

Average Annualized Total Return (% , Net of Fees)



Growth of \$100,000 (Net of Fees)



Valuations and returns are computed and stated in U.S. dollars. Results reflect the reinvestment of dividends and other earnings. Gross of fee returns are presented before management and custodial fees, but after all trading expenses and withholding taxes. Net of fees returns are calculated applying the maximum potential annual fee of 1.1% and are presented after all management, custody, trading and withholding taxes. Composite inception date is 1/1/2012.

Data Sources: Composite returns and portfolio values from Black Diamond Performance Reporting, Portfolio and benchmark characteristics from Morningstar. Produced with Morningstar Direct. A definition of the statistics shown may be found at <http://www.morningstar.com/InvGlossary>. Past performance is not indicative of future results.

NOT FDIC INSURED | MAY LOSE VALUE | NOT GUARANTEED

Investment Strategy

Alpha Quant Core Equity is a portfolio of about 50-60 large-cap stocks that exhibit a combination of higher return on invested capital, stronger free cash flow generation, and lower debt leverage compared to the benchmark and peers. The portfolio is managed with a fundamentally based, systematic process with quarterly rebalancing to maintain the portfolio's focused fundamental profile.

Portfolio Manager

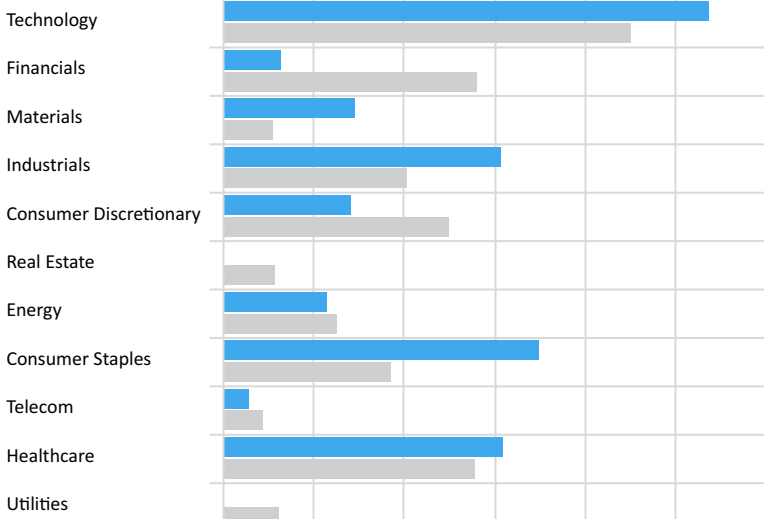
Massimo Santicchia,
Chief Investment Officer, Principal
Mr. Santicchia is the Chief Investment Officer of Alpha Quant Advisors, LLC. He directs all aspects of the investment strategy and develops and manages custom equity portfolios. Santicchia has 17 years of investment experience including: S&P Investment Advisory Services LLC, as creator and portfolio manager of JNL/S&P 4 family of equity funds and co-manager of the JNL/S&P Managed and Disciplined funds.

Risk Characteristics (5 Year)

	Inv	S&P 500
Std Dev	11.18	10.20
Sharpe Ratio	1.39	1.29
Alpha	1.65	0.00
Beta	1.05	1.00
Tracking Error	3.40	0.00
Down Capture Return	-2.37	-2.39
Up Capture Return	2.80	2.56

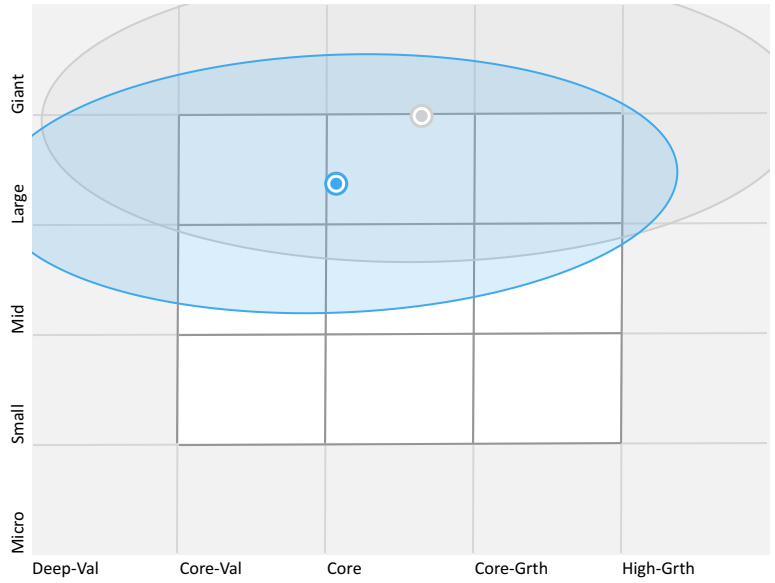
Investing involves risk. The information expressed herein is as of the report date and is subject to change. The portfolio characteristics, sector allocations, and holdings shown reflect the strategy's target portfolio. The holdings shown do not represent all of the securities purchased, sold or recommended for any particular advisory client. Actual portfolios may differ as a result of account size, client-imposed investment restrictions, the timing of client investments and market, economic and individual company considerations, and other factors. You should not assume that an investment in any of the securities presented was or will be profitable. The information expressed herein does not constitute a recommendation or solicitation to buy or sell any particular security.

Sector Composition (%)



Alpha Quant Core Equity

Holdings-Based Style Map



S&P 500®

Top 10 Holdings

Company	%
Boeing Co	3.0
National Oilwell Varco Inc	2.4
HP Inc	2.3
Teradata Corp	2.3
NetApp Inc	2.1
Apple Inc	2.1
The Home Depot Inc	2.1
Avery Dennison Corp	2.1
Altria Group Inc	2.0
McKesson Corp	2.0

Alpha Quant Core Equity - Snapshot

	Portfolio	S&P 500®
Morningstar Rating Overall	★★★★★	—
Max Management Fee	1.10	—
Turnover Ratio %	43	—
# of Stock Holdings	56	505
ROIC (TTM)	19.9	13.0
Dividend Yield	1.78	1.95
P/FCF	13.8	18.5
P/E FY1	16.1	18.2
Market Cap (\$B, Weighted Avg.)	69.6	167.7
Active Share	84.6	—

Firm and Composite Information

Alpha Quant Advisors, LLC ("Alpha Quant") is an investment advisor registered with the Securities and Exchange Commission under the Investment Advisors Act of 1940 that manages focused equity and multi-asset portfolios. Alpha Quant is an independent affiliate of American Beacon Advisors, a SEC-registered investment advisor. Prior to October 14, 2016, Alpha Quant was known as Crest Investment Partners LLC. The firm only transacts business in states where it is properly registered, or is excluded or exempted from registration requirements. SEC registration does not constitute an endorsement of the firm by the Commission nor does it indicate that the advisor has attained a particular level of skill or ability.

The Core Equity Composite comprises equity portfolios invested according to our Core Equity strategy. These are 50-60 stock, long-only, US-listed large and midcap equity portfolios. Selected stocks display high return on invested capital and robust free cash flow. The strategy follows a systematic discipline, with quarterly rebalancing. Interim adjustments may be made to the portfolios due to corporate events. The minimum account value for inclusion in the composite is \$200,000. The composite was created January 1, 2012. A complete list and description of firm composites is available upon request.

Benchmark Description

The benchmark is the S&P 500 index, with dividends reinvested, a broad-based unmanaged index of 500 stocks, which is widely recognized as a representative of the U.S. equity market in general. It is not possible to invest directly in an index.

Performance Calculations

Valuations and returns are computed and stated in U.S. dollars. Results reflect the reinvestment of dividends and other earnings. Gross of fee returns are presented before management and custodial fees, but after all trading expenses and withholding taxes. Net of fees returns are calculated applying the maximum potential annual fee of 1.1% monthly and are presented after all management, custody, trading and withholding taxes. The standard management fee for the CoreEquity strategy is 1.1% per annum on the first \$3 million, with a tiered fee schedule on additional assets. Additional information on our fees is included in Alpha Quant's ADV Part II. Policies for valuing portfolios, calculating performance, and preparing compliant presentations are available upon request.

Past performance is not indicative of future results.

This does not constitute an offer or solicitation in any jurisdiction where to any person to whom it would be unauthorized or unlawful to do so. Opinions expressed are current opinions as of the date appearing in this material only. This information should not be considered investment advice or a recommendation to buy or sell any particular security. While every effort has been made to verify the information contained herein, we make no representations as to its accuracy. The information in this material and specific securities mentioned are not representative of all securities purchased, sold or recommended for advisory clients. Actual portfolio holdings will vary for each client and there is no guarantee that a particular client's account will hold any, or all, of the securities identified. It should not be assumed that any of the securities or recommendations made in the future will be profitable or will equal the performance of the listed securities.

No current or prospective client should assume that the future performance of any specific investment or strategy will be profitable or equal to past performance levels. All investment strategies have the potential for profit or loss. Changes in investment strategies, contributions or withdrawals, and economic conditions, may materially alter the performance of your portfolio. Different types of investments involve varying degrees of risk, and there can be no assurance that any specific investment or strategy will be suitable or profitable for a client's investment portfolio. Historical performance results for investment indexes and/or categories, generally do not reflect the deduction of transaction and/or custodial charges or the deduction of an investment management fee, the incurrence of which would have the effect of decreasing historical performance results. There are no assurances that a portfolio will match or outperform any particular benchmark.