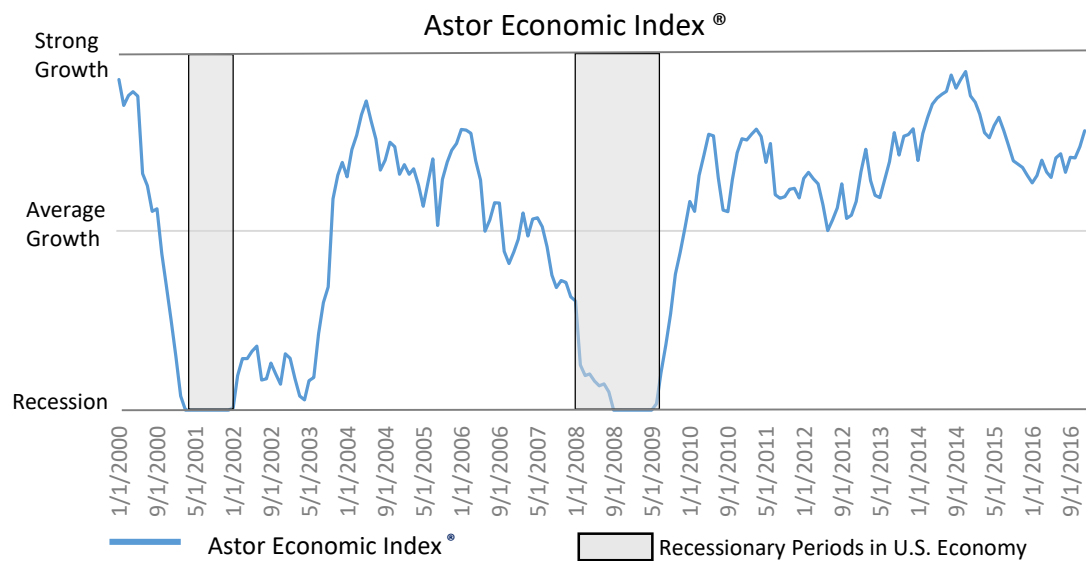


## Astor Investment Management:

**About Astor:** Astor Investment Management (AIM) is a registered investment advisor that offers multiple investment strategies across various disciplines (Income, Equity, Alternative) in SMAs, Mutual Funds and UMAs. Astor is headquartered in Chicago, IL and also has offices in NYC, NY. The firm manages just under \$2B in total AUM.

**Investment Philosophy:** Astor believes that diligent analysis of economic data can provide valuable signals for longer-term financial market allocations. Our research is based on economic theory vetted by rigorous analysis and research. History has shown periods of severe economic stress (i.e. recessions) often coincide with substantial drawdowns in the stock market while periods of economic growth has coincided with rising equity prices. Astor's analysis seeks to identify signs of weakness as they start to appear. Astor uses the information to attempt to reduce client participation in these drawdowns by reducing exposure to risky assets. When our analysis indicates the U.S. Economy's health is above 'average growth', the Astor Investment Committee seeks to increase overall exposure to risky assets (stocks, other) in an attempt to capture positive returns from appreciating equity prices.

## The Astor Economic Index®



Astor's proprietary economic indicator, *The Astor Economic Index®*, is designed to quantify the current state of the economy into a single value. The Index is the cornerstone of our portfolio construction process and creates a 'roadmap' for equity exposure (i.e. beta). As the index fluctuates throughout cycles, equity allocations are systematically and gradually reduced or increased based on the level of economic growth signaled.

Source: Astor calculations.

The AEI should not be used as the sole determining factor for your investment decision. There is no guarantee that the index will produce the same results in the future. An investment cannot be made in the index

## The Astor Solution Series

With macro, top down analysis as the cornerstone of the Astor investment philosophy, we have created strategies to cater to varying risk tolerances as well as portfolio objectives. Each strategy objective is designed as a compliment to traditional investment allocations, allowing investors to diversify their portfolios while managing key macro risk factors to help **mitigate volatility** and **lessen portfolio drawdowns** associated with adverse macro environments.

Whatever your portfolio objective, Astor has a strategy created to compliment your investment objective and help investors stay disciplined to reach their investment goals.

**Dynamic  
Allocation**

(All Asset - Broad Equity)

**Sector  
Allocation**

(U.S. Equity)

**Active  
Income**

(Unconstrained Income)

**Global  
Macro**

(Alternative/Hedge)

### Astor Dynamic Allocation

*Astor Dynamic Allocation takes a macroeconomics-based approach to asset allocation using the proprietary Astor Economic Index (AEI). The strategy adjusts portfolio beta throughout economic cycles by utilizing a broad range of asset classes with low correlation to the broader market. The strategy does not attempt to 'time' the market, rather gradual adjustments are made as the U.S. economy strengthens/weakens.*

#### Strategy Highlights

- Ability to offer downside protection, strategically reducing risk as the economy weakens
- Attempts to increase exposure to stocks (risky assets) during times of economic strength and increase exposure to fixed income/cash (low risk assets) during periods of economic weakness
- Ability to buy inverse ETFs during periods of extreme economic weakness in an effort to benefit from declining equity prices.

#### Portfolio Positioning

EQUITY and ALL ASSET – MODERATE GROWTH

Lower volatility profile (compared to S&P 500) typically fits in the moderate risk category for clients not looking to take on all equity market risk

### Astor Sector Allocation

*Astor Sector Allocation is a core equity solution that analyzes economic fundamentals at the sector level. It utilizes multiple signals to rotate into and out of sectors depending upon our expectations for growth within specific sectors compared to the overall growth of the U.S. economy.*

#### Strategy Highlights

- Seeks to generate excess return through both sector rotation and factor-based security selection (size, style, value/growth)
- Strategy will overweight/underweight U.S. Equity Sectors based on the overall economic health and momentum of individual sectors
- Downside Protection: Flexibility to have between 0%-85% in cash/fixed income during times of varying degrees of economic weakness.

#### Portfolio Positioning

EQUITY – MODERATE TO GROWTH

The Strategy is typically used in the core equity part of an equity portfolio. It is an active, risk managed compliment to traditional passive equity exposure.

### Astor Active Income

The strategy seeks to find the asset mix that provides a most attractive yield-to-risk ratio compared to that of intermediate-term Treasury bonds. Employs a fundamental approach to income investing, assessing risk and opportunity across the capital market spectrum. Designed to be a portfolio complement to traditional income strategies, using an active approach to fixed income investing.

#### Strategy Highlights

- Analyzes macroeconomics, interest rates and credit data, seeking to make appropriate adjustments to duration, credit quality and equity income exposure in an effort to reduce volatility and minimize principal risk
- Active management provides the opportunity to reduce the impact of adverse credit and rate conditions
- Ability to invest in equity and other non-fixed income asset classes during periods of above average economic growth (as determined by the AEI)

#### Portfolio Positioning

FIXED INCOME – INCOME GENERATION

The Astor Active Income Strategy is designed to provide investors with income throughout varying economic and interest rate environments

Ability to compliment traditional income strategies.

### Astor Global Macro

The Strategy employs multiple strategies across diverse asset classes, including U.S. equity and fixed income, as well as global assets that are often beyond investors' reach, such as global equities, international fixed income, currencies and commodities. The fund seeks to potentially provide a smoother return stream, with lower volatility, across market cycles, than could generally be achieved by holding stocks alone.

#### Strategy Highlights

- Aims to provide risk management at the asset, strategy, and fund level to guard against large adverse losses.
- Uses asset and strategy level diversification, in pursuit of positive returns throughout the business cycle; can hold both long and short positions in many assets.

#### Portfolio Positioning

ALTERNATIVE - EQUITY HEDGE

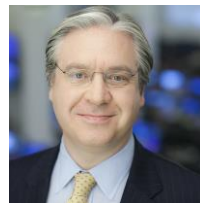
The Astor Global Macro strategy is designed to be a core holding within an alternative sleeve. The Strategy has the potential to have low to zero correlation to broad equity and fixed income indices over a full market cycle.

## Astor Portfolio Management Team:



**Rob Stein**  
CEO, Founder

- Federal Reserve: Project Analyst under chairmanship of Paul Volcker
- Senior trading or portfolio management positions with Bank of American New York/Chicago, Harris Bank Chicago
- Managing Director of Proprietary Trading for Barclay's Bank PLC New York
- B.S. University of Michigan, Ann Arbor
- Author: Inside Greenspan's Briefcase (McGraw Hill) and The Bull Inside the Bear (John Wiley and Sons)



**John Eckstein**  
CIO

- Vice Chairman of the Investment Committee
- Founder, Cornerstone Quantitative Investment Group, global macro hedge fund with peak assets of \$600 million.
- Researcher, Luck Trading Company, a commodity trading adviser
- B.S. from Brown University. Masters in Public Administration (International Economic Policy) from Columbia University
- Co-Author: *Commodity Investing* (John Wiley & Sons)



**Bryan Novak**  
Sr. Managing Director

- Joined Astor in 2002
- Worked on Astor's Mutual Fund launch
- Former equity options trader for Second City Trading, LLC at the CBOE in Chicago
- CAIA charterholder. B.S. From Ohio State University



**Deepika Sharma**  
Managing Director

- Analyst on the EMEA Fixed Income desk at Lehman Brothers, later acquired by Nomura,
- Worked in macro-strategy at Roubini Global Economics.
- Recognized by the New York CFA Society (formerly NYSSA) as the "Young Investment Professional – 2015." – for being an outstanding early career professional who is actively involved in the investment community
- Certified Financial Analyst (CFA) and Master's Degree in International Finance at Columbia University

Please refer to Astor's Form ADV Part 2A Brochure for additional information regarding fees, risks, and services.

The Chartered Financial Analyst (CFA) designation is an international professional designation offered by the CFA Institute to financial analysts. To become a CFA Charterholder, candidates must pass each of three six-hour exams, possess a bachelor's degree from an accredited institution (or have equivalent education or work experience) and have 48 months of qualified, professional work experience. Individuals are must also adhere to a strict code of ethics and standards governing their professional conduct.

Inverse ETFs attempt to profit from the decline of an asset or asset class by seeking to track the opposite performance of the underlying benchmark or index. Inverse products attempt to achieve their stated objectives on a daily basis and can face additional risks due to this fact. The effect of compounding over a long period can cause a large dispersion between the ETF and the underlying benchmark or index. Inverse ETFs may lose money even when the benchmark or index performs as desired. Inverse ETFs have potential for significant loss and may not be suitable for all investors

The Chartered Alternative Investment Analyst ("CAIA") designation is offered by the Chartered Alternative Investment Analyst Association to individuals working in the field of alternative investments. In order to receive the designation, candidates must pass two four-hour exams, hold a bachelor's degree or equivalent with at least one year of professional experience (or four years of experience), and abide by the policies of the Association.

All information contained herein is for informational purposes only. This is not a solicitation to offer investment advice or services in any state where to do so would be unlawful. Analysis and research are provided for informational purposes only, not for trading or investing purposes. All opinions expressed are as of the date of publication and subject to change. Astor and its affiliates are not liable for the accuracy, usefulness or availability of any such information or liable for any trading or investing based on such information. There is no assurance that Astor's investment programs will produce profitable returns or that any account will have similar results. You may lose money. Past results are no guarantee of future results and no representation is made that a client will or is likely to achieve results that are similar to those shown. Factors impacting client returns include individual client risk tolerance, restrictions a client may place on the account, investment objectives, choice of broker/dealers or custodians, as well as other factors. Any particular client's account performance may differ from the program results due to, among other things, commission, timing of order entry, or the manner in which the trades are executed. Clients may not receive certain trades or experience different timing of trades due to items such as client imposed restrictions, money transfers, inception dates, and others. The investment return and principal value of an investment will fluctuate and an investor's equity, when liquidated, may be worth more or less than the original cost. An investment cannot be made directly into an index.

The Astor Economic Index<sup>®</sup> is a proprietary index created by Astor Investment Management LLC. It represents an aggregation of various economic data points: including output and employment indicators. The Astor Economic Index<sup>®</sup> is designed to track the varying levels of growth within the U.S. economy by analyzing current trends against historical data. The Astor Economic Index<sup>®</sup> is not an investable product. When investing, there are multiple factors to consider. The Astor Economic Index<sup>®</sup> should not be used as the sole determining factor for your investment decisions. The Index is based on retroactive data points and may be subject to hindsight bias. There is no guarantee the Index will produce the same results in the future. The Astor Economic Index<sup>®</sup> is a tool created and used by Astor. All conclusions are those of Astor and are subject to change. Astor Economic Index<sup>®</sup> is a registered trademark of Astor Investment Management LLC.

Astor's strategies seek to achieve their objectives by investing in Exchange-Traded Funds ("ETFs"). An ETF is a type of Investment Company which attempts to achieve a return similar to a set benchmark or index. The value of an ETF is dependent on the value of the underlying assets held. ETFs are subject to investment advisory and other expenses which results in a layering of fees for clients. As a result, your cost of investing in Astor's strategies will be higher than the cost of investing directly in ETFs and may be higher than other investments with similar objectives. ETFs may trade for less than their net asset value. Although ETFs are exchanged traded, a lack of demand can prevent daily pricing and liquidity from being available. Investors should carefully consider the investment objectives, risks, charges, and expenses of the ETFs held within Astor's strategies before investing. International markets have risks due to currency valuations and political or economic events. Emerging markets typically have more risk than developed markets. The prices of small and mid-cap companies tend to be more volatile than those of larger, more established companies. It is important to note that bond prices move inversely with interest rates and fixed income ETFs can experience negative performance in a period of rising interest rates. High yield bonds are subject to higher risk of principal loss due to an increased chance of default.