

Quantitative Active Equity

Investment Philosophy & Approach

We believe that markets are not 100% efficient and pricing inefficiencies exist even in competitive equity markets, primarily due to investor behavior.

We believe in a systematic approach based on fundamental insights is likely to generate consistent performance.

Differentiated Approach

Geode’s unique investment approach consists of a systematic process built upon three key components.

Stock Selection	Factor Timing	Factor Tilting
Alpha Identification Model (AIM)	Optimal Exposure Management (OEM)	Dynamic Factor Allocation (DFA)
<p>Model consists of a Broad set of specialized and traditional factors</p> <p>We can expect a more diverse and stable alpha source, by incorporating information from multiple resources</p>	<p>Factor combination methodology that reacts to change in factor correlations</p> <p>Structurally identical risk and alpha models allow for real-time application</p>	<p>Recognizes the inherent links between some quantitative factors and the market environment</p> <p>We exploit long-term cycles with factor returns by rotating each factor’s exposure</p>

Dedicated Research

- ◆ Research focused on the development of advanced quantitative investment techniques and effective methodologies for implementing those techniques into the portfolio management process.
- ◆ The research team is involved in each aspect of the investment process, from signal generation to portfolio construction.
- ◆ We believe that a collaborative effort between research and portfolio management—throughout the investment process—helps to deliver a consistent result.

TEAM AT A GLANCE

- ◆ ~\$12 billion in Quantitative Active Equity assets
- ◆ Managing Quantitative Active Equity strategies since 2001
- ◆ Benchmark-specific risk controls
- ◆ Team-based approach
- ◆ Portfolio Managers have 17 years average industry experience

ABOUT GEODE

- ◆ Systematic global investment solutions across multiple asset classes
- ◆ Founded in 2001
- ◆ Located in Boston, MA
- ◆ Employee Ownership

ASSETS UNDER MANAGEMENT*

- ◆ \$425 billion

Equity Index	\$406 B
Quantitative Active	~\$12 B
Commodities	~\$6 B
Absolute Return	\$1.1 B

Investment Professionals	36
Portfolio Management	24
Research	8
Trading	4
Total Firm Headcount	95

*Includes AUM of Geode’s institutional equity and alternative investment strategies, as well as wealth management solutions

Quantitative Active Equity Strategies

Strategy	Benchmark	Universe	# of Holdings	Expected Turnover (%)	Targeted Excess Return (bps)	Targeted Tracking Error (bps)	Inception Date
U.S. Large-Cap Core	S&P 500 [®]	1,200	150–300	50-80	100+	100-200	12/31/03
U.S. Large-Cap Value	Russell 1000 [®] Value	1,300	150–300	50-80	100+	100-200	12/31/03
U.S. Large-Cap Growth	Russell 1000 [®] Growth	1,300	150–300	50-80	100+	100-200	12/31/04
U.S. Mid-Cap Core	Russell Mid-Cap [®]	1,800	200–400	70-100	150+	200-300	12/30/05
U.S. Small-Cap Core	Russell 2000 [®]	1,900	300–500	80-100	200+	200-400	12/31/03
U.S. Flexible Alpha	S&P 500 [®]	1,300	300–500	90-110	200+	200-300	12/30/05
International Core	MS EAFE	1,000	150–300	50-80	100+	100-200	9/30/04
U.S. Large-Cap Core ex Financials	S&P 500 [®] ex Financials	1,200	150–300	50-80	100+	100-200	12/31/14
Japan Core	TOPIX	1,600	500–1,000	50-80	50+	50-150	6/30/09

Geode Advantages

EXPERIENCE Geode recognizes that the most sophisticated systematic processes benefit from applied fundamental insights. Our investment professionals are experienced in each of their disciplines, and work collaboratively to share expertise for the enrichment of our investment processes.

RISK MANAGEMENT Client portfolios are constructed in a disciplined manner with a focus on managing and controlling risk-exposures in an effort to produce optimal risk-adjusted returns.

INSTITUTIONAL INFRASTRUCTURE A state-of-the-art trading platform and robust operational infrastructure create efficiencies and help to provide scale across investment disciplines.

RESEARCH Dedicated to advanced techniques for uncovering alpha sources, Geode's research team is constantly looking for new and repeatable methods of transforming idea flow into applicable investment processes. This centralized research approach helps to ensure that the best ideas are efficiently implemented across investment strategies.

Team Leadership



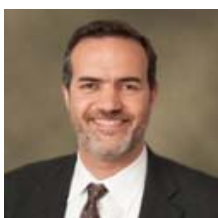
Max Kaufmann
Senior Portfolio Manager
 24 years industry experience
 9 years with firm



Nick Panitsas
Portfolio Manager
 13 years industry experience
 4 years with firm



Shashi Naik, CFA
Portfolio Manager
 13 years industry experience
 8 years with firm



Tarek Eldin
Head of Research
 25 years industry experience
 8 years with firm

CONTACT INFO

Geode Capital Management
 One Post Office Square
 20th Floor
 Boston, MA 02109

MAIN:
617-563-4546

EMAIL:
investments@geodecapital.com

WEBSITE:
www.geodecapital.com

DISCLOSURES

Investment in a Geode fund is suitable only for sophisticated investors for whom an investment in such fund does not constitute a complete investment program and who fully understand and are willing to assume the risks involved in a Geode fund. You are urged to review the full investment history of each strategy described herein in order to obtain a complete understanding of methods used to calculate the charts and tables contained in this report. Such information can be obtained by contacting us. Also, the investments relating to the strategies described herein were not made with a view towards accommodating your specific needs, financial concerns or investment objectives. References to market or composite indices, benchmarks or other measures of relative market performance over a specified period of time (each, an "index") are provided for your information only. Reference to this index does not imply that the portfolio will achieve returns, volatility or other results similar to the index. The composition of the index may not reflect the manner in which a portfolio is constructed in relation to expected or achieved returns, portfolio guidelines, restrictions, sectors, correlations, concentrations, volatility or tracking error targets, all of which are subject to change over time. Portfolio characteristics, including specific holdings, contributors to performance, and country, sector and industry exposure, are as of the date indicated and are subject to change without notice. Information is reported on a delayed basis (as of date indicated) to protect the confidentiality of this information, and the reported information may differ significantly from current information. More current information is available on a confidential basis. Portfolio characteristics illustrate the application of Geode's investment style only and should not be considered a recommendation by Geode. References to investment objectives, target returns or other goals Geode seeks to achieve in managing a fund or account are aspirational only and should not be considered a guarantee that such results will be achieved. Any portfolio risk management processes discussed include an effort to monitor and manage risk, but should not be confused with and do not imply low risk. There is no guarantee that a particular portfolio will meet its investment objective. Risk management is no guarantee of future performance. Opinions expressed are current opinions as of the date appearing in this material only. No part of this material may be duplicated in any form by any means or redistributed without Geode's prior written consent. This marketing presentation supersedes any prior marketing presentation on the Geode funds. The indices are unmanaged, not available for direct investment and not subject to fees.

The logos and trademarks set forth herein are the property of Geode Capital Management.

Futures trading involves the substantial risk of loss.

This material is for your private information, and we are not soliciting any action based upon it. The material is based upon information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied upon as such.

The information contained herein is confidential information. These disclaimers, together with the other disclaimers contained throughout this document, shall apply to any discussions, whether in person or via telephone or electronic transmission, that reference this presentation. By accepting this information, the recipient agrees that it will not, and it will cause its directors, partners, officers, employees and representatives not, (i) to divulge any such information to any other party and, (ii) use the information described herein for any purpose other than discussions with Geode Capital Management and its affiliates. Any reproduction of this information, in whole or in part, is prohibited.

Nothing contained herein shall be relied upon as a promise or representation whether as to the past or future performance. The information included herein may contain statements that are not purely historical in nature but that are "forward-looking statements", such as estimates and projections that involve significant elements of subjective judgment and analysis. These forward-looking statements may be based upon certain assumptions. No representations are made as to the accuracy of such estimates or projections or that all assumptions relating to such estimates or projections have been considered or stated or that such projections will be realized. All forward-looking statements included are based on information available on the date hereof, and none of Geode Capital Management or their respective affiliates assumes any duty to update or otherwise revise the information contained herein. Geode Capital Management and their respective affiliates disclaim any and all liability relating to this information, including, without limitation any express or implied representation or warranty for statements contained in and omissions from this information. Additional information may be available on request.

The information contained herein has been prepared solely for informational purposes and is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy. Any future offer of securities would only be made pursuant to a final offering memorandum which would contain material information not contained herein, such as a description of risk factors related to an investment in such securities, and any decision to invest in such securities should be made only after reviewing all such offering materials and conducting such review and investigations as deemed necessary in order to make an independent determination of the suitability and consequences of such investment. Any securities offered in the future will not be recommended by any United States federal or state securities commission or any other regulatory authority. Furthermore, the foregoing authorities have not confirmed the accuracy or determined the adequacy of this document.

Unless otherwise indicated, all numerical figures herein are stated as of the date of this document.