



# INVESTOR

## Baron Discovery Fund

# Finding Growth Opportunities in Earlier Stage Small-Cap Stocks

Many investors steer away from small-cap stocks, wary of their reputation as riskier and more volatile than their larger-cap counterparts. While this can be the case, we believe investors who avoid this asset class are missing out. In our opinion, small-cap stocks offer fantastic opportunities for research-driven investors who are able to do the deep dive to find the hidden gems. As a firm that got its start investing in small-cap stocks 40 years ago, we are long-time believers in the potential for small caps to generate alpha for investors.

### Baron Discovery Fund

Of our three small-cap funds, Baron Discovery Fund, at nine years old, is our newest. The Fund invests in earlier stage small-cap growth companies – stocks with market caps typically at or below the weighted average of the Russell 2000 Growth Index. It is managed by Randy Gwartzman and Laird Bieger, who, in addition to their nine years as portfolio managers, worked closely together for 12 years prior to that as research analysts at Baron. They each have 25 years of investment research experience. During their long history of collaboration, Randy and Laird have developed what we believe is a distinct approach to investing in small-cap equities.

As seen in the table below, this strategy has produced outstanding results since the Fund's launch. The Fund has a Morningstar Analyst Rating of Silver, based on its proven long-term growth approach, focus on innovation, impressive manager team, and deep research bench.



Randy Gwartzman and Laird Bieger  
Portfolio Managers

### Baron Discovery Fund Performance as of 9/30/22 (annualized)\*

	1 Year	3 Year	5 Year	Since Inception**
Baron Discovery Fund	(37.29)%	7.51%	8.28%	11.68%
Russell 2000 Growth Index	(29.27)%	2.94%	3.60%	6.40%
Morningstar Small Growth Category Average	(29.71)%	5.26%	6.34%	N/A

\* Institutional shares. For retail and R6 shares, visit [www.BaronFunds.com](http://www.BaronFunds.com).

\*\*9/30/2013

The Fund has an attractive upside capture of 111.63% and downside capture of 98.88% for the three-year period. Its 4.86% alpha given its 1.02 beta is equally impressive, especially in an asset class that is known for its volatility. The Fund has always maintained high active share. Its current active share is 94.4%.

Performance listed in the above table is net of annual operating expenses. Annual expense ratio for the Institutional Share Class as of fiscal year ended September 30, 2021, was 1.05%.

*The performance data quoted represents past performance. Past performance is no guarantee of future results. The investment return and principal value of an investment will fluctuate; an investor's shares, when redeemed, may be worth more or less than their original cost. The Adviser reimburses certain Baron Fund expenses pursuant to a contract expiring on August 29, 2033, unless renewed for another 11-year term and the Fund's transfer agency expenses may be reduced by expense offsets from an unaffiliated transfer agent, without which performance would have been lower. Current performance may be lower or higher than the performance data quoted. For performance information current to the most recent month end, visit [www.BaronFunds.com](http://www.BaronFunds.com) or call 1-800-99BARON.*

The Fund's 3- and 5-year historical performance was impacted by gains from IPOs, and there is no guarantee that these results can be repeated or that the Fund's level of participation in IPOs will be the same in the future.

## Advantages of Small-Cap Equities

Small-cap stocks enjoy several advantages, in our view. With close to 2,000 listed U.S. stocks (excluding penny stocks), this category has plenty of companies to analyze. Small caps can offer greater and faster growth potential than their larger peers, as they are earlier in their growth trajectory and have captured just a small portion of their overall target market.

In addition, small caps tend to be underfollowed on Wall Street. On average, a large-cap company is followed by 26 analysts, compared with six for the average small cap. This sparser coverage in part is a reflection of SEC regulations that make it difficult for funds to own more than a certain percentage of a company. The result is that many large mutual funds forego small-cap companies because they cannot take a position big enough to have a material impact on their overall portfolio.

As active growth managers with the extensive research capabilities needed to spot promising companies early on, we think the relative lack of coverage gives us an advantage. A primary goal of active management is to add value by capitalizing on market inefficiencies. With many small-cap stocks flying under the radar, the inefficiency that results makes this space particularly suited to active managers. When compared to large caps, stock returns of smaller companies are more driven by company-specific events and less so by industry and market events.<sup>1</sup> This means the skilled stock picker who is able to understand and evaluate a company's idiosyncrasies has more opportunities in this asset class.

On the downside, small caps can be volatile. As long-term investors, we are accustomed to riding out short-term volatility and will selectively take advantage of a downswing to initiate or build a position. As less well-established businesses, small caps can also carry more risk than their larger peers. As detailed below, we take a multi-faceted approach to managing risk, which we believe is critical to successful management of a small-cap portfolio.

## A Differentiated Process

We like to say that investors have never heard of many of the companies in which we invest, but they will. We look for high-quality, fast-growing, earlier-stage companies in some of the most transformative and exciting areas of our economy. We find these companies by combining a thematic approach with bottom-up stock selection, backed by extensive due diligence. We believe this approach, combined with our disciplined management of risk, differentiates us from our peers.

We emphasize fast-growing areas of the economy such as:

- Cloud computing
- Cybersecurity
- Semiconductors
- Defense and aerospace
- Genetics
- Minimally invasive surgical procedures
- Biotechnology and pharmaceuticals
- The use of technology in health care products and services
- Unique retail concepts

These are all transformational, secular trends – dynamic, evolving, and among the fastest expanding areas of the economy.

To build a portfolio around these and other themes, we leverage our industry expertise and extensive research experience and capabilities to source the most promising investment opportunities. Because we seek to invest only in stocks in which we have strong conviction, we generally hold 60 to 70 names in the portfolio, compared with a category average of approximately 145 stocks. The limited number of holdings, coupled with our long-term perspective, allows us to do the due diligence needed to gain an in-depth understanding of these companies, including getting to know their management teams and visiting key sites they may hold. It also gives us the chance to research new investment prospects. As with all Baron Funds, we look for what we believe to be companies with strong management, durable competitive advantages, and open-ended growth opportunities, at an attractive valuation.

## An Integrated Approach to Managing Risk

Smaller companies can enjoy phenomenal growth in a short period of time. However, as any small-cap portfolio manager can attest, they can have volatility on the downside as well. Although we are long-term investors, the volatility of this asset class demands that we incorporate risk management into every aspect of our investment process. We think our comprehensive approach to risk is reflected in our beta of just 1.02, which we believe is highly unusual among smaller-cap, high-growth portfolio managers, especially given our alpha of 4.86% (3-year period). The dimensions of our approach include:

- Extensive due diligence
- Balance among growth profiles
- Dynamic valuation analysis
- Position sizing
- Industry exposures
- Predictable revenue and cash flow in the largest positions

<sup>1</sup> A 2016 Deutsche Bank Research study found that roughly 85% of small-cap stock returns were driven by company-specific events compared to only about 60% in the large cap space. Source: "Quantitative Study, The Quant View," by Deutsche Bank Markets Research, 9/7/16.

**Baron Discovery Fund**  
**Top 10 Holdings as of September 30, 2022\***

Holding	GICS Sector	% of Net Assets
Kinsale Capital Group, Inc.	Financials	5.6
Axonics, Inc.	Health Care	3.9
Boyd Gaming Corporation	Consumer Discretionary	3.1
Revance Therapeutics, Inc.	Health Care	3.0
Rexford Industrial Realty, Inc.	Real Estate	3.0
Advanced Energy Industries, Inc.	Information Technology	2.9
Axon Enterprise, Inc.	Industrials	2.5
Silk Road Medical, Inc.	Health Care	2.5
Mercury Systems, Inc.	Industrials	2.5
Floor & Decor Holdings, Inc.	Consumer Discretionary	2.4
<b>Total</b>		<b>31.4</b>

\* Portfolio holdings are subject to change. Current and future portfolio holdings are subject to risk.

**Extensive due diligence** We believe the best risk management starts with knowing our companies. We evaluate the strength of their management teams, competitive advantages, and long-term growth prospects, and determine the appropriate valuation based on our independent research. Of course, this is the same investment process that we employ to generate potential alpha as well. When we look at a balance sheet, we focus on free cash flow relative to overall debt. If the cash flow is recurring and predictable, the company can have higher leverage. If the cash flow is less predictable, we will want to see a lower debt burden.

**Balance among growth profiles** We seek to balance the portfolio among high growth, growth, and what we call “other” or sometimes “ballast” stocks to help manage risk. Weights for each category are typically 40% in high growth, 40% in growth, and 20% in other/ballast.

- **High growth** These are higher risk/return companies typified by revenue growth of 20% or more that we believe will lead to dramatic future earnings growth. This category includes newer businesses with novel products or services. Yet they are not venture businesses. We invest only in companies with fully formed business strategies. For example, in biotechnology and pharmaceuticals, we favor companies with either approved drugs, large pipelines addressing multi-billion dollar clinical market opportunities, or companies that have wrapped intellectual property around an already proven pharmaceutical to create a new, protected franchise.

We are invested in transplant diagnostic company **CareDx, Inc.**, the market leader in HLA (human leukocyte antigen) typing used for blood or marrow transplants and heart transplant testing. Current growth is driven by a kidney transplant test called AlloSure, which launched in 2018 and addresses a \$2 billion market. Additional testing opportunities add more than \$5 billion to CareDx’s overall TAM.

- **Growth** These are companies with revenue growth of around 10% to 20% that we think will lead to greater future cash flow and earnings growth due to expanding margins. These firms tend to be more established than their high-growth counterparts.

Cybersecurity software company **Qualys, Inc.** is a good example of a growth investment. Its software conducts customer network

analysis to tag unauthorized changes and maintenance issues. We like this business for its high percentage of recurring revenue and free cash flow margins. We believe Qualys has large growth opportunities driven by its core cybersecurity offering and launch of new products.

**Sientra, Inc.**, a medical device company, is one of three suppliers that has FDA approval to market silicone gel breast implants in the U.S. Surgical breast implants are an \$800 million domestic market with high barriers to entry due to the long FDA approval process. We expect the company to grow in its current market with limited competition and expand into additional aesthetic areas through acquisitions such as Miramar Labs.

- **Other/Ballast** This category is constructed to help dampen volatility by offsetting holdings in other parts of the portfolio that may have higher beta. This category is also typically not as correlated to the market as the other two. These holdings might be more yield- or asset-oriented and generate solid free cash flow growth. They could also be special situations where we see valuation upside in a company that is new to the market through a spinoff, IPO, or restructuring; a company with a strong business that has been mismanaged but has a new, better management team; or a “fallen angel” (a great company that has stumbled for some reason).

Two examples in this category are **Mercury Systems, Inc.**, an electronic subsystems provider to major defense contractors, and **Kinsale Capital Group, Inc.**, a property and casualty insurance carrier. Mercury is known for high-quality products delivered on time and on budget, all of which are critically important for missile defense, radar, and electronic warfare applications. Mercury serves an available market of \$38 billion, including \$22 billion for C41 (communication, command and control, and mission management), and \$16 billion for sensor and mission systems.

Kinsale is a niche player focused exclusively on the excess and surplus (E&S) lines market, which includes risks that are unique or difficult to place in the standard insurance market. Its small size, E&S market focus, underwriting discipline, and efficient technology platform enable Kinsale to increase premiums while delivering industry-leading underwriting margins. Management is highly regarded and has decades of experience in the E&S market. The company has steadily grown earnings and book value per share faster than its peers in the time we have held the stock, and we believe Kinsale continues to have a long runway for growth in an attractive segment of the property and casualty insurance market.

We also employ a concept that we call investing in reverse. At times, we come across a company that checks all the boxes – great management, a terrific business plan, product or service, an open-ended growth opportunity – but is too expensive in our view. We will continue to conduct due diligence and update its valuation because, in our experience, we think we will be able to buy the stock on a dip that brings it below our calculation of valuation.

**Dynamic valuation analysis** We are active managers not only in our stock selection process, but also in our strict valuation focus during our investment holding period. Just as we will not buy a stock if we think the valuation is too high, we also re-balance the portfolio regularly according to our own calculations of valuation and price targets for each holding.

We continually update valuation with one-, three-, and five-year targets for each holding. Should a stock get over-valued on a medium or long-term basis, we will trim and reinvest the proceeds in other companies, which serves to continually de-risk the portfolio.

We also seek to manage risk by diversifying the portfolio across sub-industries with uncorrelated drivers of growth. In every bull market, there are sub-industries in bear markets and vice versa. Because we invest across a wide range of sub-industries, we will use the cash generated from trimming a position or flows to initiate or build a position in a sub-sector where we see value.

**Position sizing** We limit the number of holdings in the portfolio, which allows us to focus on stocks in which we have high conviction and devote resources to doing as deep a dive as possible on each company we invest in. To hedge against the potential volatility and risk of a more concentrated fund, we manage the portfolio so that no one holding exceeds 4% by weight for an extended period of time.

**Industry weightings** Another way in which we seek to minimize beta is by managing the portfolio so that with regard to industry weightings, we do not stray too far from the benchmark. This strategy is partly by design because as long-term investors and bottom-up stock

pickers, we are not in the business of making market or industry bets. However, it is also because the heaviest index weightings – Information Technology and Health Care – are where we find the growth in today's economy.

**Predictable revenue and cash flow in the largest positions** At any given time, the top 10 stocks in the portfolio comprise roughly 25% to 35% of assets. These companies, which are listed in the table on the previous page, have relatively more predictable revenue and cash flow, which helps to hedge against potential volatility.

## Conclusion

Although the past year has been challenging for the types of high-growth, earlier-stage stocks we favor, we continue to believe in the longer-term potential of the portfolio. We continue to find fast growing and innovative companies at valuations that we believe are sufficient to meet our investment return goals.

We encourage you to take a closer look at Baron Discovery Fund. As significant personal investors in their Fund, Randy and Laird are committed to maintaining its strong track record of performance. Of course, there are no guarantees.

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*Investors should consider the investment objectives, risks, charges, and expenses of the Fund carefully before investing. The prospectus and summary prospectus contain this and other information about the Fund and can be obtained from the Fund's distributor, Baron Capital, Inc., by calling 1-800-99BARON or visiting [www.BaronFunds.com](http://www.BaronFunds.com). Please read them carefully before investing.*

**Risks:** Specific risks associated with investing in smaller companies include that the securities may be thinly traded and they may be more difficult to sell during market downturns. Even though the Fund is diversified, it may establish significant positions where the Adviser has the greatest conviction. This could increase volatility of the Fund's returns.

The discussions of the market trends and companies herein are not intended as advice to any person regarding the advisability of investing in any particular security. The views expressed in this report reflect those of the respective portfolio managers only through the end of the period stated in this report. The portfolio managers' views are not intended as recommendations or investment advice to any person reading this report and are subject to change at any time based on market and other conditions and Baron has no obligation to update them.

Portfolio holdings as a percentage of total investments as of September 30, 2022 for securities mentioned are as follows: **CareDx, Inc.** – 1.8%; **Qualys, Inc.** – 2.3%; **Sientra, Inc.** – 0.1%; **Mercury Systems, Inc.** – 2.5%; **Kinsale Capital Group, Inc.** – 5.6%.

The **Russell 2000® Growth Index** measures the performance of small-sized U.S. companies that are classified as growth. All rights in the FTSE Russell Index (the "Index") vest in the relevant LSE Group company which owns the Index. Russell® is a trademark of the relevant LSE Group company and is used by any other LSE Group company under license. Neither LSE Group nor its licensors accept any liability for any errors or omissions in the indexes or data and no party may rely on any indexes or data contained in this communication. The index is unmanaged. Index performance is not Fund performance; one cannot invest directly into an index.

**Alpha** measures the difference between a fund's actual returns and its expected performance, given its level of risk as measured by beta.

**Beta** measures a fund's sensitivity to market movements. The beta of the market is 1.00 by definition.

**Active Share** is a term used to describe the share of a portfolio's holdings that differ from that portfolio's benchmark index. It is calculated by comparing the weight of each holding in the Fund to that holding's weight in the benchmark. Positions with either a positive or negative weighting versus the benchmark have Active Share. An Active Share of 100% implies zero overlap with the benchmark. Active Share was introduced in 2006 in a study by Yale academics, M. Cremers and A. Petajisto, as a measure of active portfolio management.

**Upside Capture** explains how well a fund performs in time periods where the benchmark's returns are greater than zero.

**Downside Capture** measures how well a fund performs in time periods where the benchmark's returns are less than zero.

BAMCO, Inc. is an investment adviser registered with the U.S. Securities and Exchange Commission (SEC). Baron Capital, Inc. is a broker-dealer registered with the SEC and member of the Financial Industry Regulatory Authority, Inc. (FINRA).

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## PRODUCTS WE OFFER

We offer 19 mutual funds in retail, institutional, and R6 share classes, collective investment trusts, separately managed accounts, sub-advisory services, UCITS, and other offshore vehicles.

## STRATEGIES

BARON DISCOVERY STRATEGY  
BARON SMALL CAP GROWTH STRATEGY  
BARON OPPORTUNISTIC SMALL CAP GROWTH STRATEGY  
BARON SMALL TO MID CAP GROWTH STRATEGY  
BARON FOCUSED GROWTH STRATEGY  
BARON MID CAP GROWTH STRATEGY  
BARON DURABLE ADVANTAGE STRATEGY  
BARON LARGE CAP GROWTH STRATEGY  
BARON HIGH GROWTH STRATEGY  
BARON ALL CAP GROWTH STRATEGY  
BARON EMERGING MARKETS STRATEGY  
BARON GLOBAL ADVANTAGE STRATEGY  
BARON INTERNATIONAL GROWTH STRATEGY  
BARON HEALTH CARE STRATEGY  
BARON REAL ESTATE STRATEGY  
BARON REAL ESTATE INCOME STRATEGY

## MUTUAL FUNDS

BARON DISCOVERY FUND  
BARON GROWTH FUND  
BARON SMALL CAP FUND  
BARON FOCUSED GROWTH FUND  
BARON ASSET FUND  
BARON FIFTH AVENUE GROWTH FUND  
BARON DURABLE ADVANTAGE FUND  
BARON OPPORTUNITY FUND  
BARON PARTNERS FUND  
BARON EMERGING MARKETS FUND  
BARON INTERNATIONAL GROWTH FUND  
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BARON REAL ESTATE INCOME FUND  
BARON FINTECH FUND  
BARON TECHNOLOGY FUND  
BARON WEALTHBUILDER FUND

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