

January 31, 2020, as amended through September 15, 2020

SUMMARY PROSPECTUS

SIMT Small Cap Growth Fund (SMAYX) Class Y

Before you invest, you may want to review the Fund's prospectus, which contains information about the Fund and its risks. You can find the Fund's prospectus and other information about the Fund, including the Fund's Statement of Additional Information, online at seic.com/fundprospectuses. You can also get this information at no cost by dialing 1-800-DIAL-SEI. The Fund's prospectus and Statement of Additional Information, dated January 31, 2020, as may be supplemented from time to time, are incorporated by reference into this Summary Prospectus.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the Fund's shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports from the Fund or from your financial intermediary, such as a broker-dealer or bank.

Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from the Fund electronically by contacting your financial intermediary.

You may elect to receive all future reports in paper free of charge. If you invest through a financial intermediary, you can follow the instructions included with this disclosure or contact your financial intermediary to inform it that you wish to continue receiving paper copies of your shareholder reports. If you invest directly with the Fund, you can inform the Fund that you wish to continue receiving paper copies of your shareholder reports by calling 1-800-DIAL-SEI. Your election to receive reports in paper will apply to all funds held with the SEI Funds or your financial intermediary.

Investment Goal

Long-term capital appreciation.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold Fund shares.

ANNUAL FUND OPERATING EXPENSES

| (expenses that you pay each year as a percentage of the value of your investment) | Class Y Shares |
|---|----------------|
| Management Fees | 0.65% |
| Distribution (12b-1) Fees | None |
| Other Expenses | 0.34% |
| Total Annual Fund Operating Expenses | 0.99% |

EXAMPLE

This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

| | 1 Year | 3 Years | 5 Years | 10 Years |
|--|--------|---------|---------|----------|
| Small Cap Growth Fund — Class Y Shares | \$101 | \$315 | \$547 | \$1,213 |

PORTFOLIO TURNOVER

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when Fund shares are held in a taxable account. These costs, which are not reflected in annual Fund operating expenses or in the Example, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 172% of the average value of its portfolio.

Principal Investment Strategies

Under normal circumstances, the Small Cap Growth Fund will invest at least 80% of its net assets (plus the amount of any borrowings for investment purposes) in equity securities of small companies. The Fund will primarily seek to purchase securities believed to have attractive growth and appreciation potential. For purposes of this Fund, a small company is a company with a market capitalization in the range of companies in the Russell 2000 Index (between \$13 million and \$8.3 billion as of December 31, 2019), as determined at the time of purchase. The market capitalization range and the composition of the Russell 2000 Index are subject to change. The Fund's investments in equity securities may include common and preferred stocks, warrants and, to a lesser extent, real estate investment trusts (REITs), exchange-traded funds (ETFs) and securities of large capitalization companies. Due to its investment strategy, the Fund may buy and sell securities and other instruments frequently.

The Fund uses a multi-manager approach, relying primarily upon a number of sub-advisers (each, a Sub-Adviser and collectively, the Sub-Advisers) to manage portions of the Fund's portfolio under the general supervision of SEI Investments Management Corporation, the Fund's adviser (SIMC or the Adviser). Assets of the Fund not allocated to a Sub-Adviser are managed directly by SIMC. In managing its portion of the Fund's assets, SIMC or each Sub-Adviser may apply a variety of quantitative and/or fundamental investment styles. A quantitative investment style generally involves a systematic or rules-based approach to selecting investments based on specific measurable factors. A fundamental investment style generally involves selecting investments through research and analysis of financial statements, relevant industry and economic data, or other characteristics.

The Fund implements the investment recommendations of SIMC and the Sub-Advisers through the use of an overlay manager appointed by SIMC. Each Sub-Adviser and SIMC provides a model portfolio to the overlay manager on an ongoing basis that represents that Sub-Adviser's or SIMC's recommendation as to the securities to be purchased, sold or retained by

the Fund. The overlay manager then constructs a portfolio for the Fund that represents the aggregation of the model portfolios of the Sub-Advisers and SIMC, with the weighting of each Sub-Adviser's model in the total portfolio determined by SIMC.

Pursuant to direction from SIMC, the overlay manager has limited authority to vary from the models. For example, SIMC may direct the overlay manager to adjust the portfolio to implement SIMC's forward looking views regarding various portfolio characteristics or factors, or for risk management purposes. The overlay manager may also vary the portfolio implementation to seek trading cost efficiencies, loss harvesting, portfolio rebalancing or other portfolio construction objectives as directed by SIMC.

Principal Risks

Market Risk — The risk that the market value of a security may move up and down, sometimes rapidly and unpredictably. Market risk may affect a single issuer, an industry, a sector or the equity or bond market as a whole.

Small Capitalization Risk — Smaller capitalization companies in which the Fund may invest may be more vulnerable to adverse business or economic events than larger, more established companies. In particular, small capitalization companies may have limited product lines, markets and financial resources and may depend upon a relatively small management group. Therefore, small capitalization stocks may be more volatile than those of larger companies. Small capitalization stocks may be traded over-the-counter (OTC). OTC stocks may trade less frequently and in smaller volume than exchange-listed stocks and may have more price volatility than that of exchange-listed stocks.

Investment Style Risk — The risk that small capitalization securities and/or growth stocks may underperform other segments of the equity markets or the equity markets as a whole.

Warrants Risk — Warrants are instruments that entitle the holder to buy an equity security at a specific price for a specific period of time. Warrants may be more speculative than other types of investments. The price of a warrant may be more volatile than the price of its underlying security, and a warrant may offer greater potential for capital appreciation as well as capital loss. A warrant ceases to have value if it is not exercised prior to its expiration date.

Real Estate Investment Trusts (REITs) Risk — REITs are trusts that invest primarily in commercial real estate or real estate-related loans. The Fund's investments in REITs will be subject to the risks associated with the direct ownership of real estate. Risks commonly associated with the direct ownership of real estate include fluctuations in the value of underlying properties, defaults by borrowers or tenants, changes in interest rates and risks related to general or local economic conditions. Some REITs may have limited diversification and may be subject to risks inherent in financing a limited number of properties.

Exchange-Traded Funds (ETFs) Risk — The risks of owning shares of an ETF generally reflect the risks of owning the underlying securities the ETF is designed to track, although lack of liquidity in an ETF could result in its value being more volatile than the underlying portfolio securities. When the Fund invests in an ETF, in addition to directly bearing the expenses associated with its own operations, it will bear a pro rata portion of the ETF's expenses.

Large Capitalization Risk — The risk that larger, more established companies may be unable to respond quickly to new competitive challenges such as changes in technology and consumer tastes. Larger companies also may not be able to attain the high growth rates of successful smaller companies.

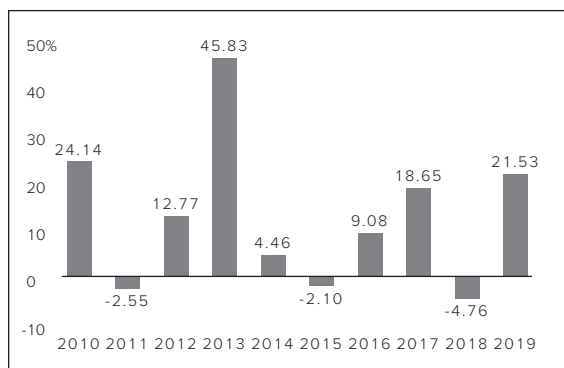
Liquidity Risk — The risk that certain securities may be difficult or impossible to sell at the time and the price that the Fund would like. The Fund may have to lower the price of the security, sell other securities instead or forego an investment opportunity, any of which could have a negative effect on Fund management or performance.

Portfolio Turnover Risk — Due to its investment strategy, the Fund may buy and sell securities frequently. This may result in higher transaction costs and additional capital gains tax liabilities, which may affect the Fund's performance.

Investing in the Fund involves risk, and there is no guarantee that the Fund will achieve its investment goal. You could lose money on your investment in the Fund, just as you could with other investments. An investment in the Fund is not a deposit of a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

Performance Information

The bar chart and the performance table below provide some indication of the risks of investing in the Class Y Shares of the Fund by showing changes in the Fund's performance from year to year for the past ten calendar years and by showing how the Fund's average annual returns for 1, 5 and 10 years, and since the Fund's inception, compare with those of a broad measure of market performance. The Fund's past performance (before and after taxes) is not necessarily an indication of how the Fund will perform in the future. For current performance information, please call 1-800-DIAL-SEI.



Best Quarter: 15.77% (12/31/11)

Worst Quarter: -23.16% (09/30/11)

The Fund's Class Y Shares commenced operations on October 30, 2015. For full calendar years through December 31, 2015, the performance of the Fund's Class F Shares is shown. The Fund's Class F Shares are offered in a separate prospectus. Because Class Y Shares are invested in the same portfolio of securities, returns for Class Y Shares would have been substantially similar to those of Class F Shares, shown here, and would have differed only to the extent that Class Y Shares have lower total annual fund operating expenses than Class F Shares.

Average Annual Total Returns (for the periods ended December 31, 2019)

After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Your actual after-tax returns will depend on your tax situation and may differ from those shown. After-tax returns shown are not relevant to investors who hold their Fund shares through tax-deferred arrangements, such as 401(k) plans or individual retirement accounts.

| Small Cap Growth Fund* | 1 Year | 5 Years | 10 Years | Since Inception (4/20/1992) |
|--|--------|---------|----------|-----------------------------|
| Return Before Taxes | 21.53% | 7.97% | 11.80% | 9.21% |
| Return After Taxes on Distributions | 20.60% | 6.96% | 11.26% | 7.91% |
| Return After Taxes on Distributions and Sale of Fund Shares | 13.39% | 6.09% | 9.74% | 7.39% |
| Russell 2000 Growth Index Return (reflects no deduction for fees, expenses or taxes) | 28.48% | 9.34% | 13.01% | 8.12% |

* The Fund's Class Y Shares commenced operations on October 30, 2015. For periods prior to October 30, 2015, the performance of the Fund's Class F Shares has been used. Returns for Class Y Shares would have been substantially similar to those of Class F Shares and would have differed only to the extent that Class Y Shares have lower total annual fund operating expenses than Class F Shares.

Management

Investment Adviser and Portfolio Managers. SEI Investments Management Corporation

| Portfolio Manager | Experience with the Fund | Title with Adviser |
|-------------------------|--------------------------|--------------------|
| Eugene Barbaneagra, CFA | Since 2016 | Portfolio Manager |
| Stephen C. Dolce, CFA | Since 2015 | Portfolio Manager |
| David L. Hintz, CFA | Since 2017 | Portfolio Manager |

Sub-Advisers and Portfolio Managers.

| Sub-Adviser | Portfolio Manager | Experience with the Fund | Title with Sub-Adviser |
|---------------------------------------|--|---------------------------------|--|
| ArrowMark Colorado Holdings, LLC | Chad Meade Brian Schaub | Since 2014 Since 2014 | Co-Portfolio Manager Co-Portfolio Manager |
| EAM Investors, LLC | Montie L. Weisenberger Travis T. Prentice | Since 2014 Since 2018 | Managing Director and Portfolio Manager Chief Executive Officer, Chief Investment Officer and Portfolio Manager |
| Jackson Creek Investment Advisors LLC | John R. Riddle, CFA | Since 2020 | Chief Investment Officer/Managing Member |
| Parametric Portfolio Associates LLC | Paul Bouchey Thomas Seto | Since 2016 Since 2016 | Global Head of Research Head of Investment Management |

Purchase and Sale of Fund Shares

The minimum initial investment for Class Y Shares is \$100,000 with minimum subsequent investments of \$1,000. Such minimums may be waived at the discretion of SIMC. Notwithstanding the foregoing, a higher minimum investment amount may be required for certain types of investors to be eligible to invest in Class Y Shares. You may purchase and redeem shares of the Fund on any day that the New York Stock Exchange (NYSE) is open for business (a Business Day). You may sell your Fund shares by contacting your authorized financial institution or intermediary directly. Authorized financial institutions and intermediaries may redeem Fund shares on behalf of their clients by contacting the Fund's transfer agent (the Transfer Agent) or the Fund's authorized agent, using certain SEI Investments Company (SEI) or third party systems or by calling 1-800-858-7233, as applicable.

Tax Information

The distributions made by the Fund generally are taxable and will be taxed as ordinary income or capital gains. If you are investing through a tax-deferred arrangement, such as a 401(k) plan or individual retirement account, you will generally not be subject to federal taxation on Fund distributions until you begin receiving distributions from your tax-deferred arrangement. You should consult your tax advisor regarding the rules governing your tax-deferred arrangement.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase Fund shares through a broker-dealer or other financial intermediary (such as a bank), the Fund and its related companies may pay the intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information.