

International Equity Opportunities

Unconstrained, Concentrated, Growth Approach to International Equity

Strategy Overview

Firm AUM:	\$203.7B
Strategy AUM:	\$2.9B
Inception Date:	May 31, 2012
Number of Holdings:	Typically 35-45
Benchmark:	MSCI All Country World ex USA (Net of Taxes)
Available Vehicles:	<ul style="list-style-type: none"> ▪ Institutional Separate Account ▪ Collective Investment Trust ▪ US Mutual Fund ▪ Managed Account

Team Members

Portfolio Managers

Average Experience: 31 years

Mark B. Baribeau, CFA

Thomas F. Davis

Global/Growth Sector Research Analysts: 16

Average Experience: 21 years

Highlights

- We believe excess returns can be generated by investing in a portfolio of market leading companies with unique business models, positively inflecting growth rates, and long duration competitive advantages
- Fundamental research focused on duration and magnitude of growth lays the foundation for identification of high earnings growth companies, in our view
- We believe employing a high conviction and concentrated approach that is agnostic to both sector and region is a meaningful way to generate alpha
- Broad fundamental research leverages Jennison's 50-year history of growth stock investing to target a very select group of companies with the following attributes:
 - Innovative and disruptive businesses driving structural shifts in their industries
 - Defensible business models with significant competitive barriers to entry
 - Secular demand trends driven by superior product offerings

Performance

	3Q20	YTD to 9/30/20	1 Year	3 Years	5 Years	Since Inception
International Equity Opportunities Composite (Gross)	14.0%	33.9%	51.0%	20.4%	19.4%	15.1%
International Equity Opportunities Composite (Net)*	13.9	33.2	50.0	19.6	18.8	14.6
MSCI All Country World Index ex USA (Net of Taxes)	6.3	-5.4	3.0	1.2	6.2	6.2

*Past performance does not guarantee future results. Source for MSCI data: MSCI. Source for Composite data: Jennison/Mellon Analytical Solutions. *For periods prior to 4/1/18, net of fee performance is presented net of Jennison's actual advisory fees and transaction costs. For periods beginning 4/1/18, net of fee performance reflects the deduction of a model fee. It is net of transaction costs and is calculated based on the highest tier of the fee schedule in effect for the respective period (0.65%), which may not reflect the actual historical fees applied to accounts in the Composite. Inception of International Equity Opportunities Composite: 5/31/12. Periods greater than one year are annualized. See disclosures for important information.*

For Professional Investors only. All investments involve risk, including the possible loss of capital. Not for use with the public. Not for redistribution.

Risk Statistics Since Inception vs. MSCI All Country World Index ex USA (Net of Taxes)

Tracking Error	8.4%
Information Ratio	1.1
Upside Capture	147%
Downside Capture	84%
Active Share	91%

Past performance does not guarantee future results. Source: MSCI and FactSet. Inception of International Equity Opportunities Composite: 5/31/12. Periods greater than one year are annualized. See disclosures for important information.

Equity Characteristics

	Representative Portfolio	MSCI All Country World Index ex USA (Net of Taxes)
5 Year Earnings Per Share Historical Growth	17%	11%
3 to 5 Year Earnings Per Share Est. Growth	28%	10%
P/E 2020E	57x	18x
P/E 2021E	46x	15x
Weighted Avg. Market Cap	\$136.0 bil.	\$93.8 bil.
Median Market Cap	\$45.1 bil.	\$7.4 bil.
Number of Holdings	36	2,373

Source: MSCI and FactSet. See disclosures for important information.

Sector Allocation MSCI All Country Representative Portfolio World Index ex USA (Net of Taxes)

	Representative Portfolio	MSCI All Country World Index ex USA (Net of Taxes)
Information Technology	29%	12%
Consumer Discretionary	27%	14%
Health Care	18%	10%
Communication Services	11%	7%
Consumer Staples	8%	10%
Materials	3%	8%
Industrials	3%	12%
Financials	0%	17%
Cash	0.4%	0%

Source: Jennison and MSCI. The weights for the Energy, Real Estate, and Utilities sectors held in the benchmark are not reflected above as the Jennison International Equity Opportunities representative portfolio did not own securities in these sectors for the time period shown. See disclosures for important information.

Largest Holdings

Shopify	6.5%
Adyen	6.2%
Sea - ADR	5.5%
MercadoLibre	4.7%
Sartorius	4.3%
Meituan Dianping	4.2%
Tencent	3.9%
Alibaba - ADR	3.9%
LVMH	3.6%
Ferrari	3.2%
	46.0%

Source: Jennison. See disclosures for important information.

Region and Country Allocation

Developed Europe & Middle East	49.8%	Emerging Markets	31.3%	Developed Asia/Pacific	5.0%
France	15.9	China	18.1	Japan	3.5%
Netherlands	7.7	Taiwan	8.5	Australia	1.4%
United Kingdom	6.0	Argentina	4.7		
Israel	5.0			Cash	0.4%
Germany	4.8	Developed North America	13.6%		
Italy	4.7	United States	7.1		
Switzerland	3.7	Canada	6.5		
Denmark	1.9				

Source: FactSet. Regional allocations are defined by Jennison using MSCI Developed, Emerging and Frontier Market country and region classifications. Country classifications are determined by MSCI for holdings within the MSCI All Country World Index. FactSet country classifications are used for all other holdings. MSCI does not endorse Jennison's country and region classifications. See disclosures for important information.

Largest Relative Impact (3Q)

	Average Weight	Total Return	Total Effect*		Average Weight	Total Return	Total Effect*
Top Five				Bottom Five			
Sea - ADR	5.2%	44%	166bps	Wix.com	1.8%	-13%	-37bps
Adyen	6.1%	27%	115	Atlassian	2.7%	1%	-17
Meituan Dianping	4.2%	41%	098	Alcon	1.7%	-1%	-15
Sartorius	4.2%	25%	073	Abcam	1.2%	-4%	-13
Wuxi Biologics (Cayman)	2.4%	33%	047	Jiangsu Hengrui Medicine	2.1%	1%	-12

Past performance does not guarantee future results. *Contribution to Relative Return is the Total Effect versus MSCI All Country World Index ex USA (Net of Taxes). Source: MSCI and FactSet. The holdings identified do not represent all of the securities purchased, sold or recommended by Jennison during the time period shown. A complete list of holdings and how each contributed to the portfolio's return is available upon request. See disclosures for important information.

For Professional Investors only. All investments involve risk, including the possible loss of capital. Not for use with the public. Not for redistribution.

Overview

Equities markets continued their vigorous post-March rally in the third quarter as the realities of Covid-19 continued to dictate daily conduct for individuals, businesses, and governments around the world. Behaviors that seemed disorienting and disruptive in the spring became routine throughout the summer and early fall. Work-from-home remained the standard while countries and enterprises experimented tentatively with reopenings. Global infection rates reflected varying policy and social behaviors. Developing a vaccine remained an overwhelming focus, with both human and capital resources deployed to a number of promising approaches.

Equities advanced solidly in July and August, bringing major indices back to levels achieved earlier in the year. New highs were recorded in the sectors and companies that appear best positioned to benefit from the realities created by the pandemic. Many of these companies were already advantaged by secular trends in place that have now been accelerated by work-from-home for the consumer and digital transformation for the enterprise. The speedy adoption of communication mediums such as videoconferencing proved effective at replacing formerly in-person interactions, driving faster revenue recovery for many companies.

Growth companies, which led equities markets through the end of August, surrendered a portion of their advances during September, reflecting concerns about the valuation of future growth potential in the short term. At the same time, businesses most negatively affected by the pandemic, including leisure and travel, stabilized as the worst of the activity declines moderated, although overall depressed levels persisted.

The MSCI All Country World (ACWI) ex-US Index (index) (Net of Taxes) rose 6.3% in the third quarter. Relevant to our portfolio, market leadership remained intact despite the broadening of the equity markets as global economies began the re-opening process. The consumer discretionary and information technology sectors led the way, but cyclical sectors, materials and industrials, were not far behind.

The Jennison International Equity Opportunities Composite had another strong absolute and relative quarter and outperformed the index. For the quarter, in the representative portfolio, stock selection and sector positioning added value. Stock selection in communication services and health care as well as overweights in consumer discretionary and information technology contributed the most to performance. No exposure to financials and energy was a source of relative gain, as these sectors continue to struggle in the current environment without the lack of a visible long-term catalyst. Underweights in industrials and materials hurt results modestly due to the strong performance of a few logistics and construction-oriented companies.

With respect to regions, Emerging Markets added the most value followed by Developed Europe and Developed Asia/Pacific. Developed North American detracted modestly.

Key Contributors

- **SEA** is a leading Southeast Asia Internet company operating in three online platforms focused on digital entertainment—Garena, an online gaming platform, Shopee, a third party marketplace, and AirPay e-wallet services. Sea continues to gain momentum as a key beneficiary of the growth in both on-line gaming and e-commerce transactions. Covid-19 has accelerated the shift towards the digital economy, benefitting Sea's business across multiple fronts.
- **Adyen** is a global digital payments company based in Amsterdam. With its focus on robust technology solutions enabled in part by artificial intelligence, machine learning, and data mining, the company has developed a single, dynamic, reliable, and secure payment platform that supports omni-channel commerce with end-to-end gateway, risk management, and processing services. We believe Adyen's functionality, scalability, and seamless integration create an attractive, distinct, and consolidated platform. Growth opportunities include entrance into new vertical markets and increased share of ecommerce, brick-and-mortar, and midmarket merchant markets.
- **Meituan Dianping** is a Chinese consumer services marketplace website. The company has a strong growth outlook as China's leading domestic consumption story, an uptrend in food delivery market share, and the opportunity to improve margins. The company reported solid 2Q20 results, headlined by better-than-expected revenues and improved operating margins across all business segments. Despite the continued impact and uncertainties from COVID-19, we expect the core food delivery business to show a robust recovery, while new initiatives should continue to ramp.
- **Sartorius**, a German maker of bioprocess solutions (BPS), is well-positioned to benefit from a reacceleration in the BPS industry, fueled by a strong pipeline of biologic therapies and a shift toward single-use products. Second quarter results were solid and 2020 guidance was raised meaningfully on the back of high demand from Covid-19 vaccine candidates and treatment campaigns for several products.

The views expressed herein are those of Jennison investment professionals at the time the comments were made. They may not be reflective of their current opinions, are subject to change without prior notice, and should not be considered investment advice. Forecasts may not be achieved and are not a guarantee or reliable indicator of future results. See disclosures for important information.

For Professional Investors only. All investments involve risk, including the possible loss of capital. Not for use with the public. Not for redistribution.

- Based in China, **Wuxi Biologics Cayman**, a CRO (contract research organization) should continue to benefit from increasing R&D outsourcing activities from drug companies, advances in biologics being, and a biotech boom in China. First half results were robust, as Wuxi has been a beneficiary of the R&D boom related to Covid-19.

Key Detractors

- Wix.com**, a new position in the quarter, is an Israeli software company providing cloud-based web development services. It detracted from performance primarily due to the timing of our purchase. The company continues to experience increased demand for its products as businesses to shift online.
- Atlassian**, an Australian cloud based software company, posted a slight gain the quarter, but did not keep pace with the index's return and was a source of relative weakness, albeit minimal. The company's unique project management software allows its customers to work on the same project from multiple locations around the globe.
- Alcon**, headquartered in Geneva, Switzerland, specializes in eye care products with complementary businesses in surgical and vision care. The company focuses on the cataract surgery and contact lens market, which is supported by strong demographic trends. Shares were down modestly as Covid-19 related shutdowns weighed on its surgical and vision care segments.
- Abcam** is a producer of antibody proteins to treat viruses and fight diseases. The global shutdown of many of its academic laboratory customers weighed on financial results in the quarter, but Abcam is beginning to see an uptick in activity, resulting from a reinvigorated R&D landscape.
- Jiangsu Hengrui**, China's largest pharmaceutical company posted a positive return in the quarter but detracted as it underperformed the index. The company's areas of focus include oncology and endocrinology, with multiple clinical-stage assets in their pipeline. China's increased focus on pharmaceutical and biotech innovation should bode well for the company as a successful drug innovator.

Outlook

Covid-19 continues to disrupt activity around the globe. We are optimistic that promising results from a number of clinical trials will result in an effective vaccine in the coming months. But it may be another 12-18 months before a finished product— the likely prerequisite for a broad-based recovery in confidence and activity – is globally available. Sectors whose share prices and operating fundamentals have been disproportionately hit by the disease will likely experience a relief rally once distribution of a vaccine begins, but a return to pre-Covid-19 operating rates will probably not transpire for some time thereafter.

Investors have demonstrated their preference for businesses that were thriving before Covid-19 and that have benefitted from pandemic-related tailwinds and enhanced competitive positions. The portfolio holds many companies across the technology, consumer, and communications services industries in this category. Prospects for their continued growth at above-average rates remain strong.

Despite strong year-to-date performance, we remain comfortable with portfolio level valuations and the reasons behind their expansion. The growth profiles of the companies we own remain attractive and earnings revisions overall have been less negative for growth stocks, especially the secular growth stocks in which we invest, versus other segments of the market. We are also comfortable with portfolio valuations because our fundamental research, including channel checks and other third-party data sources, suggests that the businesses of many holdings are accelerating during the pandemic. In certain cases, we believe there could be more risk to the upside than the downside. In the current environment, we recognize that we have a special group of companies where demand is picking up, sometimes significantly. It is also important to note that we will not pay any price for growth. We are very mindful of valuation and we address it one stock at a time.

As portfolio managers, our goal is to identify those companies that offer long-duration secular growth opportunities. Many of our long-term holdings continue to have solid and resilient fundamentals and we expect that their business models and brands will win-out over time.

The views expressed herein are those of Jennison investment professionals at the time the comments were made. They may not be reflective of their current opinions, are subject to change without prior notice, and should not be considered investment advice. Forecasts may not be achieved and are not a guarantee or reliable indicator of future results. See disclosures for important information.

For Professional Investors only. All investments involve risk, including the possible loss of capital. Not for use with the public. Not for redistribution.

Disclosures

All data is as of September 30, 2020 unless otherwise noted. Due to rounding, individual values may not sum to total shown.

All non-performance portfolio data provided is based on a representative Jennison International Equity Opportunities portfolio. Unless otherwise indicated, the Jennison strategy characteristics relate to that of an investment composite or a representative account managed within a composite. It is intended to provide a general illustration of the investment strategy and considerations used by Jennison in managing that strategy during normal market conditions. Individual accounts may differ from the reference data shown due to varying account restrictions, fees and expenses, and since-inception periods, among others.

The MSCI All Country World Index is a free float-adjusted market capitalization weighted index designed to measure the equity market performance of developed and emerging markets. It comprises approximately 24 developed and 21 emerging market country indexes. The S&P 500® Index provides a broad indicator of stock price movements. The MSCI All Country World ex USA Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets, excluding the U.S. It comprises approximately 23 developed and 21 emerging market country indexes. The financial indices referenced herein are provided for informational purposes only; are unmanaged; include net reinvestment dividends; do not reflect fees or expenses; and are not available for direct investment.

MSCI information may only be used for your internal use, may not be reproduced or disseminated in any form and may not be used as a basis for or a component of any financial instruments or products or indices. None of the MSCI information is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each other person involved in or related to compiling, computing or creating any MSCI information (collectively, the "MSCI Parties") expressly disclaims all warranties (including, without limitation, any warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including, without limitation, lost profits) or any other damages.

Certain third party information in this document has been obtained from sources that Jennison believes to be reliable as of the date presented; however, Jennison cannot guarantee the accuracy of such information, assure its completeness, or warrant such information will not be changed. Jennison has no obligation to update any or all such third party information. Any references to third party trademarks and data are proprietary and confidential and cannot be redistributed without Jennison's prior consent.

The portfolio and MSCI All Country World Index ex USA Index EPS Growth and P/E are based Institutional Brokers Estimate System (I/B/E/S) estimates. Certain information contained in this product or report is derived by Jennison in part from MSCI's MSCI Emerging Markets Index (the "Index Data"). However, MSCI has not reviewed this product or report, and MSCI does not endorse or express any opinion regarding this product or report or any analysis or other information contained herein or the author or source of any such information or analysis. Neither MSCI nor any third party involved in or related to the computing or compiling of the Index Data makes any express or implied warranties, representations or guarantees concerning the Index Data or any information or data derived therefrom, and in no event shall MSCI or any third party have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) relating to any use of this information. Any use of the Index Data requires a direct license from MSCI. None of the Index Data is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such.

Jennison uses the Global Industry Classification Standard (GICS®) for categorizing companies into sectors and industries. GICS® is used for all portfolio characteristics involving sector and industry data such as benchmark, active and relative weights and attribution. The Global Industry Classification Standard (GICS®) is the exclusive intellectual property of MSCI Inc. (MSCI) and Standard & Poor's Financial Services, LLC (S&P). Neither MSCI, S&P, their affiliates, nor any of their third party providers ("GICS Parties") makes any representations or warranties, express or implied, with respect to GICS or the results to be obtained by the use thereof, and expressly disclaim all warranties, including warranties of accuracy, completeness, merchantability and fitness for a particular purpose. The GICS Parties shall not have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of such damages.

There is no assurance that any securities discussed herein will remain in an account's portfolio or that securities sold have not been repurchased. It should not be assumed that any of the securities transactions or holdings discussed were or will prove to be profitable. The securities discussed may represent only a small percentage of an account's portfolio holdings. Please note that certain securities of foreign issuers may be held as ADRs. Additionally, different classes of securities from the same issuer may be combined for illustrative purposes.

Performance results fluctuate, and there can be no assurances that objectives will be achieved. Performance results are calculated in US dollars and reflect reinvestment of dividends and other earnings. Gross of fee performance is presented before custodial and Jennison's actual advisory fees but after transaction costs. Prior to April 1, 2018 Net of fee performance is presented net of Jennison's actual advisory fees and transaction costs. For periods beginning April 1, 2018, net of fees performance reflects the deduction of a model fee, is net of transaction costs and is calculated based on the highest tier of the fee schedule in effect for the respective period, which may not reflect the actual historical fees applied to the accounts in the Composite. Returns are gross of reclaimable withholding taxes, if any, and net of non-reclaimable withholding taxes. Actual advisory fees charged and actual account minimum size may vary by account due to various conditions described in Jennison Associates LLC's Form ADV.

Average Weight is the dollar value (price times the shares held) of the security or group, divided by the total dollar value of the entire portfolio displayed as a percentage. It is calculated as the simple arithmetic average of daily values. **Total Return** is the price change of a security or group including dividends accrued over the report period or the "in-portfolio return" which includes only the time period that each security was in the portfolio. **Total Effect** is the sum of Allocation Effect and Stock Selection. The total effect represents the opportunity cost of what was done in a group relative to the overall portfolio. It is not just the difference between percent contribution in the portfolio and benchmark. At the overall portfolio level, the two numbers are equal. At the group level, they can be different.

Important Information

This material is only intended for investors which meet qualifications as institutional investors as defined in the applicable jurisdiction where this material is received. This material is not for use by retail investors and may not be reproduced or distributed without Jennison Associates LLC's permission.

These materials are for informational or educational purposes only. The information is not intended as investment advice and is not a recommendation about managing or investing assets. Jennison makes no representations regarding the suitability of any securities, financial instruments or strategies described in these materials. In providing these materials, Jennison is not acting as your fiduciary. These materials do not purport to provide any legal, tax or accounting advice.

Jennison Associates LLC ("Jennison") has not been licensed or registered to provide investment services in any jurisdiction outside the United States. The information contained in this document should not be construed as a solicitation or offering of investment services by Jennison or a solicitation to sell or a solicitation of an offer to buy any shares of any securities (nor shall any such securities be offered or sold to any person) in any jurisdiction where such solicitation or offering would be unlawful under the applicable laws of such jurisdiction.

In the United Kingdom, and various European Economic Area jurisdictions, information is issued by PGIM Limited. PGIM Limited registered office: Grand Buildings, 1-3 Strand, Trafalgar Square, London, WC2N 5HR is authorised and regulated by the Financial Conduct Authority of the United Kingdom (registration number 193418) and duly passported in various jurisdictions in the EEA. Jennison Associates LLC & PGIM Limited are wholly owned subsidiaries of PGIM, Inc. the principal investment management business of Prudential Financial, Inc. ("PFI"). PFI of the United States is not affiliated in any manner with Prudential plc, incorporated in the United Kingdom or with Prudential Assurance Company, a subsidiary of M&G plc, incorporated in the United Kingdom. This information is intended only for persons who are professional clients or eligible counterparties as defined in Directive 2014/65/EU (MiFID II), investing for their own account, for fund of funds, or discretionary clients.

©2020 Prudential Financial, Inc. ("PFI"). PGIM and the Rock symbol are service marks of PFI and its related entities, registered in many jurisdictions worldwide.

For Professional Investors only. All investments involve risk, including the possible loss of capital. Not for use with the public. Not for redistribution.