

**Part 2A**  
**Form ADV Brochure**

**MORGAN STANLEY INVESTMENT MANAGEMENT INC.**

**522 FIFTH AVENUE  
NEW YORK, NEW YORK 10036**

**[WWW.MORGANSTANLEY.COM/IM](http://WWW.MORGANSTANLEY.COM/IM)**

**December 22, 2015**

This brochure (the “Brochure”) provides information about the qualifications and business practices of Morgan Stanley Investment Management Inc. (“MSIM”). If you have any questions about the contents of this Brochure, please contact us at (212) 296-7045. We will provide you with a new Brochure as necessary based on changes or new information, at any time, without charge. The information in this Brochure has not been approved or verified by the United States Securities and Exchange Commission (the “SEC”) or by any state securities authority.

MSIM is a registered investment adviser. Registration of an investment adviser does not imply any level or skill or training. The oral and written communications of an adviser provide you with information about which you determine to hire or retain an adviser.

Additional information about MSIM is also available on the SEC’s website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov)

## **ITEM 2 MATERIAL CHANGES**

Since our last amendment dated September 30, 2015 changes have been made to this brochure, to reflect that, on December 22, 2015, we settled an action brought that day by the SEC relating to prearranged trades, as detailed in Item 9.

### ITEM 3      TABLE OF CONTENTS

ITEM 1 – COVER PAGE .....	i
ITEM 2 – MATERIAL CHANGES .....	ii
ITEM 3 – TABLE OF CONTENTS .....	iii
ITEM 4 – ADVISORY BUSINESS .....	1
ITEM 5 – FEES AND COMPENSATION .....	2
ITEM 6 – PERFORMANCE-BASED FEES AND SIDE-BY-SIDE MANAGEMENT.....	10
ITEM 7 – TYPES OF CLIENTS .....	10
ITEM 8 – METHODS OF ANALYSIS, INVESTMENT STRATEGIES AND RISK OF LOSS.....	10
ITEM 9 – DISCIPLINARY INFORMATION.....	29
ITEM 10 – OTHER FINANCIAL INDUSTRY ACTIVITIES AND AFFILIATIONS .....	30
ITEM 11 – CODE OF ETHICS .....	32
ITEM 12 – BROKERAGE PRACTICES .....	39
ITEM 13 – REVIEW OF ACCOUNTS .....	44
ITEM 14 – CLIENT REFERRALS AND OTHER COMPENSATION.....	44
ITEM 15 – CUSTODY .....	44
ITEM 16 – INVESTMENT DISCRETION .....	45
ITEM 17 – VOTING CLIENT SECURITIES .....	45
ITEM 18 – FINANCIAL INFORMATION .....	47

## **ITEM 4           ADVISORY BUSINESS**

MSIM and its advisory affiliates represent the primary investment management division of Morgan Stanley, a publicly held company (“Morgan Stanley”). Morgan Stanley is a preeminent global financial services firm engaged in securities trading and brokerage activities, as well as providing investment banking, research and analysis, financing and financial advisory services. MSIM is organized as a Delaware corporation and has been registered with the SEC since 1981.

### **Overview**

We provide discretionary and non-discretionary investment management solutions to a diverse client base, which includes government entities, individual investors (including high net worth individuals), investment companies, pension plans, institutions and corporations worldwide. Our investment management services are offered through a variety of investment products and arrangements, depending on the strategy. We offer separately managed accounts and pooled investment vehicles such as, among others, mutual funds, collective trusts and unregistered funds. We may also advise institutional investors with regard to certain alternative investments, including funds of funds. With over three decades of asset management experience, our investment strategies span the risk/return spectrum across geographies, investment styles and asset classes, including equity, fixed income, liquidity, alternatives and private markets. Each of our investment teams has a unique talent pool of experienced investment professionals backed by the broad reach, access and resources of Morgan Stanley.

We may also advise clients on a discretionary and non-discretionary basis as to the appropriate allocation of assets among multiple separate accounts and/or investment companies or other pooled vehicles that we advise (“asset allocation advice”).

### **Alternative Investment Partners**

Alternative Investment Partners is our fund of funds advisory business. The fund of funds advisory business consists primarily of identifying investment opportunities and making investments in diversified portfolios of traditional and non-traditional investment funds. Advisory services of this nature are provided to funds and separate accounts on a discretionary and nondiscretionary basis. The underlying funds in which we invest are referred to throughout as the “Investment Funds” and the third party investment managers who manage the Investment Funds are referred to as the “Investment Managers”. In addition to providing advisory services as described above, we may also act as the adviser of certain other funds (or other similar vehicles) that are established to invest in Co-Investments (as defined below) alongside Investment Funds in which the accounts may also invest or in other underlying private equity funds in connection with a specific investment (collectively, the “Co-Investment Partnerships”).

Our fund of funds advisory business focuses on the discretionary and in certain instances, non-discretionary investment management of accounts across four strategies: (1) fund of hedge funds; (2) portfolio solutions; (3) private equity fund of funds; and (4) real estate fund of funds.

### **Wrap Fee Programs**

Our investment advisory services are available through various consulting or bundled “wrap fee” programs (“Wrap Fee Programs”) sponsored by certain broker-dealers, including affiliates of MSIM (“Sponsor(s)"). As used herein, the term Sponsor includes overlay managers to the extent a Wrap Fee Program utilizes an overlay manager.

For a single “wrap” fee paid to the Sponsor, the Sponsors offer our investment advisory services to their separately managed account clients and are generally, depending on the program, primarily responsible for:

- i. Monitoring and evaluating our performance;
- ii. Executing client portfolio transactions typically without additional commission charge, (except that the client will be charged an added commission charge if we use a broker other than the Sponsor to execute trades ;
- iii. Providing custodial services for clients’ assets;
- iv. Ensuring adherence to client guidelines, restrictions and/or client instructions and/or
- v. Providing tax management services.

We may participate in certain Wrap Fee Programs pursuant to which we provide the Sponsors with a model portfolio that represents the securities we recommend in accordance with a particular investment strategy (the “Model Portfolio”). In most instances, we will communicate our recommendations comprising the Model Portfolio, and any changes thereto, to the Sponsors, who will serve as investment advisers to the Wrap Fee Program clients and will be responsible for implementation of any client-specific investment restrictions and for determining the suitability of our investment strategy for the client. Accordingly, the Sponsor will exercise investment discretion with respect to securities that are purchased or sold for clients of such Model Portfolio Wrap Fee Programs and will be responsible for executing trades and seeking best execution for such Wrap Fee Program accounts.

### **Miscellaneous Services**

We may also act as a fiduciary advisor, a "manager of managers", for large pools of assets. In that role we assist the client in establishing the investment policy and guidelines and restrictions. In addition, we make and implement asset allocation decisions; and select, supervise and monitor the managers, which may include affiliated and non-affiliated entities. As fiduciary advisor, we will report to the fiduciary or other person responsible for the overall management of the large pool of assets.

For additional information regarding the specific investment strategies we employ please refer to Item 8 “Methods of Analysis, Investment Strategies and Risk of Loss” in this Brochure.

### **Assets Under Management**

As of December 31, 2014 we managed \$254,468,498,989 on a discretionary basis and \$2,890,522,449 on a non-discretionary basis totaling **\$257,359,021,439** of assets under management or supervision.<sup>1</sup>

## **ITEM 5 FEES AND COMPENSATION**

### **Management Fees**

Our fees may vary from the applicable schedules below due to the particular circumstances of the client or as otherwise negotiated with particular clients. We may provide investment advisory or research services to clients for negotiated fixed fees based on the value of the services rendered and may, from time to time, receive a performance based fee, except in those jurisdictions that do not allow fees based on performance. Holdings in a client's account may include real estate investment trusts (“REITS”), investment companies (including exchange traded funds or “ETFs”) and other pooled vehicles for which a separate management fee is charged, including investment companies and other pooled vehicles advised by us or a related person.

---

<sup>1</sup> Not reflective of assets under management or supervision in connection to our Wrap Fee Program business, which started on September 30, 2015.

Fees are generally billed quarterly in arrears based on current or quarter-average market values. Certain accounts, however, are billed quarterly in advance. The timing of fee payments and method of calculation for particular clients may vary in accordance with client preferences. Typically, our services are terminable by either party upon written notification in accordance with the applicable contractual notice provision. Upon termination the fees described above (including performance fees, if any) generally will be prorated.

The fees below are only the advisory fees charged by us and do not reflect custodial or other fees that may be applicable to your account.

“Brokerage Practices” in Item 12 further describes the factors that we consider in selecting or recommending broker-dealers for client transactions and determining the reasonableness of their compensation.

Please note that the following fee schedules do not include information for advisory services we provide through Wrap Fee Programs as the terms of each client's separately managed account in a Wrap Fee Program is typically governed by the client's agreement with the Sponsor and disclosure document for each Wrap Fee Program. Wrap Fee Program clients are urged to refer to the appropriate disclosure document and client agreement for more information about the Wrap Fee Program and advisory services. The fees for a Wrap Fee Program may result in higher costs than a client would otherwise realize by paying standard fees and negotiating separate arrangements for trade execution, custodial and consulting services.

### **Fee Schedules**

#### Core Plus Fixed Income

Account Minimum: \$50 million

.250% on the first \$50 million of assets under management  
.200% on the next \$50 million of assets under management  
.150% on assets in excess of \$100 million

#### Core Fixed Income

Account Minimum: \$50 million

.200% on the first \$50 million of assets under management  
.150% on the next \$50 million of assets under management  
.125% on assets in excess of \$100 million

#### Intermediate Duration

Account Minimum: \$50 million

.200% on the first \$50 million of assets under management  
.150% on the next \$50 million of assets under management  
.125% on assets in excess of \$100 million

#### Short and Limited Duration

Account Minimum: \$50 million

.150% on the first \$75 million  
.100% on the next \$75 million

#### Short and Limited Duration

Account Minimum: \$150 million

.100% on the first \$150 million  
.075% on the next \$350 million  
.060% on assets in excess of \$500 million

Long Duration

.200% on the first \$50 million of assets under management  
.150% on the next \$50 million of assets under management  
.125% on assets in excess of \$100 million

Account Minimum: \$50 million

Mortgage Backed Securities

.300% on the first \$50 million of assets under management  
.250% on the next \$50 million of assets under management  
.200% on assets in excess of \$100 million

Account Minimum: \$50 million

US High Yield

.500% on the first \$50 million of assets under management  
.400% on the next \$50 million of assets under management  
.300% on assets in excess of \$100 million

Account Minimum: \$50 million

Emerging Markets External Debt

.500% on the first \$50 million of assets under management  
.450% on the next \$50 million of assets under management  
.400% on assets in excess of \$100 million

Account Minimum: \$50 million

Emerging Markets Domestic Debt

.550% on the first \$50 million of assets under management  
.500% on the next \$50 million of assets under management  
.450% on assets in excess of \$100 million

Account Minimum: \$50 million

Emerging Markets Corporate Debt

.600% on the first \$50 million of assets under management  
.550% on the next \$50 million of assets under management  
.500% on assets in excess of \$100 million

Account Minimum: \$50 million

Emerging Markets Fixed Income Opportunities

.550% on the first \$50 million of assets under management  
.500% on the next \$50 million of assets under management  
.450% on assets in excess of \$100 million

Account Minimum: \$50 million

Global Aggregate Fixed Income

.300% on the first \$50 million of assets under management  
.250% on the next \$50 million of assets under management  
.200% on assets in excess of \$100 million

Account Minimum: \$50 million

European Strategic Bonds

.300% on the first €50 million of assets under management  
.200% on the next €50 million of assets under management  
.150% on assets in excess of €100 million

Account Minimum: €50 million

European Total Return

.350% on the first €50 million of assets under management  
.250% on the next €50 million of assets under management  
.150% on assets in excess of €100 million

Account Minimum: €50 million

<p>Sterling Credit</p> <p>.300% on the first £30 million of assets under management</p> <p>.250% on the next £30 million of assets under management</p> <p>.200% on assets in excess of £60 million</p>	Account Minimum: £50 million
<p>Euro High Yield</p> <p>.450% on the first €50 million of assets under management</p> <p>.350% on the next €50 million of assets under management</p> <p>.250% on assets in excess of €100 million</p>	Account Minimum: €50 million
<p>Euro Short Maturity</p> <p>.200% on the first €50 million of assets under management</p> <p>.150% on the next €50 million of assets under management</p> <p>.150% on assets in excess of €100 million</p>	Account Minimum: €50 million
<p>Euro Aggregate</p> <p>.250% on the first €50 million of assets under management</p> <p>.200% on the next €50 million of assets under management</p> <p>.150% on assets in excess of €100 million</p>	Account Minimum: €50 million
<p>European Credit</p> <p>.300% on the first €50 million of assets under management</p> <p>.250% on the next €50 million of assets under management</p> <p>.20% on assets in excess of €100 million</p>	Account Minimum: €50 million
<p>Global Sovereign</p> <p>.250% on the first \$50 million of assets under management</p> <p>.200% on the next \$50 million of assets under management</p> <p>.150% on assets in excess of \$100 million</p>	Account Minimum: \$50 million
<p>Global Credit</p> <p>.300% on the first \$50 million of assets under management</p> <p>.300% on the next \$50 million of assets under management</p> <p>.250% on assets in excess of \$100 million</p>	Account Minimum: \$50 million
<p>Global Limited Duration</p> <p>.250% on the first \$50 million of assets under management</p> <p>.200% on the next \$50 million of assets under management</p> <p>.100% on assets in excess of \$100 million</p>	Account Minimum: \$50 million
<p>Global Fixed Income Opportunities</p> <p>.400% on the first \$50 million of assets under management</p> <p>.350% on the next \$50 million of assets under management</p> <p>.300% on assets in excess of \$100 million</p>	Account Minimum: \$50 million
<p>International Fixed Income</p> <p>.350% on the first \$50 million of assets under management</p> <p>.200% on the next \$50 million of assets under management</p> <p>.150% on assets in excess of \$100 million</p>	Account Minimum: \$50 million



Global Convertibles

.500% on the first €50 million of assets under management  
.450% on the next €50 million of assets under management  
.400% on assets in excess of €100 million

Account Minimum: €50 million

Global High Yield

.500% on the first \$50 million of assets under management  
.450% on the next \$50 million of assets under management  
.400% on assets in excess of \$100 million

Account Minimum: \$50 million

Global Securitized

.350% on the first \$50 million of assets under management  
.300% on the next \$50 million of assets under management  
.250% on assets in excess of \$100 million

Account Minimum: \$50 million

Investment Grade Corporate

.300% on the first \$50 million of assets under management  
.250% on the next \$50 million of assets under management  
.200% on assets in excess of \$100 million

Account Minimum: \$50 million

Integrated International Equity

1.00% on the first \$25 million of assets under management  
.800% on the next \$25 million of assets under management  
.700% on the next \$25 million of assets under management  
.600% on the next \$25 million of assets under management  
.550% on the next \$100 million of assets under management  
.500% on assets in excess of \$200 million

Account Minimum: \$25 million

Integrated Global Equity

1.00% on the first \$25 million of assets under management  
.800% on the next \$25 million of assets under management  
.700% on the next \$25 million of assets under management  
.600% on the next \$25 million of assets under management  
.550% on the next \$100 million of assets under management  
.500% on assets in excess of \$200 million

Account Minimum: \$25 million

Global Emerging Markets

.950% on the first \$100 million of assets under management  
.900% on the next \$100 million of assets under management  
.850% on the next \$100 million of assets under management  
.800% on assets in excess of \$300 million

Account Minimum: \$100 million

Latin America Equity

.950% on the first \$50 million of assets under management  
.900% on the next \$50 million of assets under management  
.850% on assets in excess of \$100 million

Account Minimum: \$50 million

<p>Growth</p> <p>.750% on the first \$50 million of assets under management</p> <p>.500% on the next \$25 million of assets under management</p> <p>.400% on the next \$25 million of assets under management</p> <p>Negotiable thereafter</p>	Account Minimum: \$25 million
<p>Focus Growth</p> <p>.750% on the first \$50 million of assets under management</p> <p>.500% on the next \$25 million of assets under management</p> <p>.400% on the next \$25 million of assets under management</p> <p>Negotiable thereafter</p>	Account Minimum: \$25 million
<p>Mid Cap Growth</p> <p>.800% on the first \$25 million of assets under management</p> <p>.700% on the next \$25 million of assets under management</p> <p>.650% on the next \$50 million</p> <p>.550% on assets in excess of \$100 million</p>	Account Minimum: \$25 million
<p>Small Company Growth</p> <p>1.10% on the first 25 million of asset under management</p> <p>.900% on the next \$25 million of assets under management</p> <p>.850% on assets in excess of \$50 million</p>	Currently Closed to New Investors
<p>Multi Cap Growth</p> <p>Asset Based Fee: 1.00% on total assets under management</p> <p>or</p> <p>Performance Based Fee: 0.80% on all assets plus 10% of alpha over benchmark per annum, no high water mark</p>	Account Minimum: \$25 million
<p>Advantage</p> <p>.750% on the first \$50 million of assets under management</p> <p>.500% on the next \$25 million of assets under management</p> <p>.400% on the next \$25 million of assets under management</p> <p>Negotiable thereafter</p>	Account Minimum: \$25 million
<p>International Equity</p> <p>.800% on the first \$25 million of assets under management</p> <p>.600% on the next \$25 million of assets under management</p> <p>.500% on the next \$25 million of assets under management</p> <p>.400% on assets in excess of \$75 million</p>	Account Minimum: \$100 million
<p>Global Franchise</p> <p>.800% on the first \$25 million in assets under management</p> <p>.750% on the next \$25 million in assets under management</p> <p>.700% on the next \$50 million in assets under management</p> <p>.650% on assets in excess of \$100 million</p>	Account Minimum: \$50 million
<p>Global Quality</p> <p>.800% on the first \$25 million in assets under management</p> <p>.750% on the next \$25 million in assets under management</p> <p>.700% on the next \$50 million in assets under management</p>	Account Minimum: \$50 million

.650% on assets in excess of \$100 million

Asian Equity

Account Minimum: \$50 million

.800% on the first \$50 million in assets under management

.700% in excess of \$50 million in assets under management

European Equity Alpha

Account Minimum: \$25 million

0.700% on the first \$25 million of assets under management

0.600% on the next \$25 million of assets under management

0.500% on the next \$50 million of assets under management

0.400% on assets in excess of \$100 million

Eurozone Equity

Account Minimum: \$25 million

0.750% on the first \$25 million of assets under management

0.650% on the next \$25 million of assets under management

0.550% on the next \$50 million of assets under management

0.450% on assets in excess of \$100 million

Active International Allocation

Account Minimum: \$100 million

.650% on the first \$75 million in assets under management

.600% on the next \$75 million in assets under management

.550% on assets in excess of \$150 million

Global Real Estate (1)

Account Minimum: \$100 million

.750% on the first \$100 million in assets under management

.500% on assets in excess of \$100 million

(1) Includes Europe, Asia, International Real Estate, North America Real Estate  
and US Real Estate products

Global Infrastructure Securities

Account Minimum: \$50 million

.700% on the first \$50 million in assets under management

.600% on the next \$50 million in assets under management

.500% on assets in excess of \$100 million

Listed Real Assets

Account Minimum: \$100 million

.750% on the first \$100 million in assets under management

.500% on the assets in excess of \$100 million

Global Tactical Asset Allocation

Account Minimum: \$100 million

.750% on the first \$100 million of assets under management

.650% on the next \$150 million of assets under management

.550% on assets in excess of \$250 million

.450% thereafter

Absolute Return

Account Minimum: \$100 million

.850% on the first \$100 million of assets under management

.750% on the next \$150 million of assets under management

.650% on the next \$250 million of assets under management

.550% thereafter

## **Asset Allocation**

We provide asset allocation advice for fees that are negotiated and vary depending on your particular circumstances. The fee we charge for asset allocation advice is in addition to the fees we and our affiliates receive as adviser and/or administrator to certain open and closed end mutual funds (the “Morgan Stanley Funds”) and other pooled vehicles in which we may invest your portfolio’s assets.

We generally do not charge advisory fees on separately managed client assets that are invested in the Morgan Stanley Funds in addition to the advisory fees that we charge to such Funds. Generally, fees billed to a separately managed client under the client's investment management contract will be reduced by the amount of any investment advisory fees (but not other fund level fees) that we receive from the Morgan Stanley Funds as a result of the client's investment in the Morgan Stanley Funds. Alternatively, in certain instances and/or in connection with investments by you in certain portfolios, assets invested in such portfolios may be excluded from your total assets for purposes of calculating your separate account fee. In those instances, you will pay the advisory fee payable by the applicable Fund portfolio, which may be higher than the fee generally payable under your investment management contract. We may include the value of closed-end funds we manage, for purposes of determining the investment management fee payable to us.

## **Fund of Hedge Funds**

For advisory services rendered to funds pursuing a fund of hedge funds investment strategy, we are entitled to a fee in an amount ranging (on an annualized basis) from 0.30% to 1.50% of the net asset value of the applicable fund. Information relating to the actual fee charged by a fund and the frequency of the payment to us is provided in the offering materials for such fund.

## **Private Equity Fund of Funds**

For advisory services rendered to certain of the funds pursuing a private equity fund of funds investment strategy, prior to the fifth anniversary of the first due date of the capital contribution of the applicable funds or prior to the termination of the investment period of the applicable funds, we are entitled to a fee ranging (on an annualized basis) from 0.90% to 1.50% of a private equity fund of funds limited partner's capital commitment. For certain funds, from and after such date, the fee is based on each limited partner's aggregate contributions respecting Investment funds plus such limited partner’s attributable share of the aggregate unfunded capital commitments made by the applicable fund to Investment Funds, as of each date of calculation of the management fee, less the amount distributed to such limited partner by the fund as a return of capital used to fund the acquisition costs of each investment. Information relating to the actual fee charged by a fund and the frequency of the payment to us is provided in the offering materials for such fund.

## **Private Equity Real Estate Fund of Funds**

For advisory services rendered to the funds pursuing a private equity real estate fund of funds investment strategy and for certain of the funds pursuing a private equity fund of funds investment strategy, we are entitled to a fee that ranges (on an annualized basis) from 0.90% to 1.50% (depending on the limited partner’s capital commitment). This fee schedule is applicable for the period prior to the fifth anniversary of the due date of the fund’s first capital call. Thereafter, the management fee will equal the Management Fee Percentage (as defined below) of each limited partner’s capital commitment. The “Management Fee Percentage” means a percentage equal to 75% of the percentage used to calculate the management fee for the

preceding year. Information relating to the fees charged by a fund and the frequency of the payment to us is provided in the offering materials for such fund.

#### **Alternative Investment Partners or Manager of Managers Service**

Fees for these accounts are negotiable depending upon the size of the assets and the services provided.

### **ITEM 6 PERFORMANCE-BASED FEES AND SIDE-BY-SIDE MANAGEMENT**

In some cases, we have entered into performance fee arrangements with qualified clients. Such fees are subject to individualized negotiation with each such client.

Because the portfolio managers may manage assets for other investment companies, pooled investment vehicles and/or other accounts (including accounts of institutional clients and pension plans), there may be an incentive to favor one client over another resulting in conflicts of interest. For instance, we may receive fees from certain accounts that are higher than the fee we receive from another account, or we may receive a performance-based fee on certain accounts. In those instances, the portfolio managers may have an incentive to favor the higher and/or performance-based fee accounts over another account. In addition, a conflict could exist to the extent we have proprietary investments in certain accounts, where portfolio managers have personal investments in certain accounts or when certain accounts are investment options in our employee benefits and/or deferred compensation plans. The portfolio manager may have an incentive to favor these accounts over others. If we manage accounts that engage in short sales of securities of the type in which the account invests, we could be seen as harming the performance of the account for the benefit of the accounts engaging in short sales if the short sales cause the market value of the securities to fall. We have adopted trade allocation, equity side-by-side management guidelines and other policies and procedures that we believe are reasonably designed to address these and other conflicts of interest.

### **ITEM 7 TYPES OF CLIENTS**

We provide advice to corporate pension and profit-sharing plans, corporate entities, individual investors (including high net worth individuals), insurance companies, state, local and foreign government entities and pension plans (including foreign pension funds), supra-national organizations, sovereign wealth funds, educational institutions, foundations, charitable institutions, registered mutual funds, unregistered funds and foreign regulated funds such as SICAVs and SIFs.

### **ITEM 8 METHODS OF ANALYSIS, INVESTMENT STRATEGIES AND RISK OF LOSS**

All investing and trading activities risk the loss of capital. Although we will attempt to moderate these risks, no assurance can be given that the investment activities of the accounts will be successful or that you will not suffer losses. Investing in securities involves risk of loss that you should be prepared to bear.

**We engage in the following Significant Equity Investment Strategies:**

#### **Global Emerging Markets**

The **Global Emerging Markets Equity Strategy** is a core strategy with a growth bias that seeks attractive long-term, risk-adjusted returns by investing in emerging market equities. To achieve its objective, the strategy combines top-down country allocation with bottom up stock selection and disciplined risk management. The strategy exists on a global basis as well as within regional and country specific emerging markets.

## **Growth**

The **Growth Strategy** seeks long term capital appreciation. To achieve its objective, the investment team seeks high-quality, established and emerging companies with sustainable competitive advantages, and focuses on long-term growth rather than short-term events, with stock selection informed by rigorous fundamental analysis. The strategy exists across market capitalizations.

The **Advantage Strategy** seeks long term capital appreciation by investing in high-quality established franchise companies characterized by sustainable competitive advantages and strong current period free-cash-flow yield. To achieve this objective, the investment team focuses on long-term growth, rather than short-term events, with stock selection informed by rigorous fundamental analysis. This strategy exists on a US, international and global basis.

The **Opportunity Strategy** seeks long-term capital appreciation by investing in high-quality, established and emerging companies characterized by sustainable competitive advantages and strong normalized free-cash flow yield that the team believes are undervalued at the time of investment. To achieve this objective, the investment team focuses on long-term growth, rather than short-term events, with stock selection informed by rigorous fundamental analysis. This strategy exists on a US, international and global basis.

## **European Equity**

The **European Equity Strategy** seeks to generate long-term capital appreciation by investing in high quality companies with sustainable competitive advantages, strong cash-flow generation, and high returns on investment. To achieve this objective, the investment team employs disciplined, fundamental analysis to identify those companies that trade at a discount to their long-term intrinsic value. The strategy exists on a regional basis.

## **International Equity**

The **International Equity Strategy** seeks long-term capital appreciation by investing primarily in a variety of non-U.S. stocks. To achieve its objective, the strategy incorporates disciplined, fundamental analysis in an effort to identify quality companies—mainly in Europe, Australasia and the Far East—that trade at a discount to their long-term intrinsic value.

The **Global Franchise Strategy** is a concentrated value-oriented equity strategy that offers a differentiated approach to investing in global stocks. The strategy seeks to generate attractive returns by investing in high-quality franchise businesses, characterized by dominant intangible assets, high returns on invested capital and strong free cash flow generation. To achieve this objective, the strategy employs a “buy-and-hold” approach to construct a concentrated portfolio, with stock selection informed by rigorous fundamental analysis.

The **Global Quality Strategy** is a concentrated, global equity strategy that offers a disciplined approach to investing in a portfolio of what the Adviser believes to be world class companies. The strategy seeks to generate attractive, long-term absolute and relative returns with good potential upside while retaining a clear focus on downside protection. The strategy uses fundamental analysis and bottom up stock selection to identify companies characterized by resilient, high cross-cycle, unlevered returns on capital, and strong free cash flow generation. The strategy aims to buy these stocks at attractive valuations relative to their cash flow based fundamental analysis.

## **Core Equity**

The Applied Equity Advisor Strategies are equity strategies that seek to capture outperformance relative to benchmark. To achieve their objective, each strategy combines “top-down” and “bottom up” analysis. The strategies exist on a US, Global Core and Global Concentrated basis.

The Fundamental Equity Advisor Strategies are equity strategies that seek to identify undervalued equities and capture outperformance relative to benchmark. To achieve their objective, each strategy utilizes a “bottom up” fundamental approach to stock picking. The strategies exist on a US basis.

## **Real Estate**

The **Global Real Estate Securities Strategy** seeks attractive long-term, risk-adjusted returns by investing in publicly traded real estate securities, primarily in developed countries worldwide. To achieve its objective, the strategy combines bottom-up and top-down analyses. This strategy exists on a global, international and regional basis (e.g., U.S., European, Asian).

## **Global Infrastructure Securities**

The **Global Infrastructure Securities Strategy** seeks attractive long-term, risk-adjusted returns by investing in the equity securities of publicly traded infrastructure companies worldwide. The investment team utilizes proprietary research to drive a value-oriented, fundamental investment process that combines bottom-up and top-down analyses.

## **Listed Real Assets**

The **Listed Real Assets Strategy** seeks attractive long-term, risk-adjusted returns by investing in publicly traded real estate and infrastructure securities that offer exposure to the direct real estate and infrastructure markets at the best value relative to underlying asset values and growth prospects. The investment team utilizes proprietary research to drive a long-term, value-oriented, fundamental investment process that combines bottom-up and top-down analyses. This strategy exists on a global and regional basis.

## **Active International Allocation**

The **Active International Allocation Strategy** seeks long-term capital appreciation by investing primarily, in accordance with country and sector weightings, in equity securities of non-U.S. issuers which, in the aggregate, replicate broad market indices. To achieve its objective, the strategy utilizes a top-down value approach that emphasizes country and sector selection and relative weighting. Baskets of stocks, designed to track the returns for the MSCI index for each country or sector, are purchased. This strategy exists on a global and international basis.

## **Global Multi-Asset**

The **Global Tactical Asset Allocation Strategy** seeks total return. The Portfolio seeks to achieve total return by investing in a blend of equity and fixed income securities of U.S. and non-U.S. issuers. It is a global macro strategy that seeks to identify and exploit inefficiencies between markets, regions, and sectors to deliver returns in excess of a customized financial benchmark. In seeking to achieve this investment objective, the strategy utilizes global tactical approach to achieving total return, and to control risk and volatility.

**The Absolute Return Strategy** seeks total return with an emphasis on positive absolute return and controlling downside portfolio risk. It is a top-down global macro strategy that seeks to identify and exploit inefficiencies between markets, regions and sectors to provide a high level of income along with capital growth while actively managing total portfolio risk. The team seeks to capture these mispricings utilizing a combination of quantitative techniques and fundamental analysis across global asset classes including stocks, bonds, currencies and commodities. This strategy exists on a spectrum of volatility levels, including unconstrained and low volatility.

**Equity investment strategies are subject to the following risk considerations:**

**Equity Securities.** In general, prices of equity securities are more volatile than those of fixed income securities. The prices of equity securities will rise and fall in response to a number of different factors, including events that affect particular issuers as well as events that affect entire financial markets or industries. To the extent that an account invests in convertible securities, and the convertible security's investment value is greater than its conversion value, its price will be likely to increase when interest rates fall and decrease when interest rates rise. If the conversion value exceeds the investment value, the price of the convertible security will tend to fluctuate directly with the price of the underlying equity security.

**Foreign and Emerging Market Securities.** Investments in foreign markets entail special risks such as currency, political, economic and market risks. There also may be greater market volatility, less reliable financial information, higher transaction and custody costs, decreased market liquidity and less government and exchange regulation associated with investments in foreign markets. The risks of investing in emerging market countries are greater than risks associated with investments in foreign developed countries. In addition, an account's investments may be denominated in foreign currencies and therefore, changes in the value of a country's currency compared to the U.S. dollar may affect the value of an account's investments.

**Derivatives Risk.** A derivative instrument often has risks similar to its underlying instrument and may have additional risks, including imperfect correlation between the value of the derivative and the underlying instrument, risks of default by the other party to certain transactions, magnification of losses incurred due to changes in the market value of the securities, instruments, currencies, indices or interest rates to which they relate and risks that the instruments may not be liquid and could be difficult to value. Certain derivative transactions may give rise to a form of leverage. Leverage magnifies the potential for gain and the risk of loss. Derivative instruments include, but are not limited to futures, swaps, options and structured investments.

**Short Sales.** In a short sale transaction, an account sells a borrowed security in anticipation of a decline in the market value of that security. If the adviser incorrectly predicts that the price of a borrowed security will decline, an account may lose money. Losses from short sales differ from losses that could be incurred from a purchase of a security, because losses from short sales may be unlimited, whereas losses from purchases can equal only the total amount invested.

**Small Capitalization Companies.** Investments in small cap companies entail greater risks than those associated with larger, more established companies. Often the securities issued by small cap companies may be less liquid, and such companies may have more limited markets, financial resources and product lines, and may lack the depth of management of larger companies.

**Privately Placed and Restricted Securities.** An account's investments may also include privately placed securities, which are subject to resale restrictions. It is likely that such securities will not be listed on a stock exchange or traded in the OTC market. These securities will have the effect of increasing the level of an account's illiquidity to the extent the account may be unable to sell or transfer these securities due to restrictions on transfers or on the ability to find buyers interested in purchasing the securities. The



illiquidity of the market, as well as the lack of publicly available information regarding these securities, may also adversely affect the ability to arrive at a fair value for certain securities at certain times and could make it difficult for the account to sell certain securities (or to sell such securities at the prices at which they are currently held). Furthermore, companies whose securities are not publicly traded may not be subject to the disclosure and other investor protection requirements that might be applicable if their securities were publicly traded and/or listed on a stock exchange.

When registration is required to sell a security, an account may be obligated to pay all or part of the registration expenses, and a considerable period may elapse between the decision to sell and the time the account may be permitted to sell a security under an effective registration statement. If adverse market conditions developed during this period, an account might obtain a less favorable price than the price that prevailed when the account decided to sell.

**ETF Risk.** Shares of ETFs have many of the same risks as direct investments in common stocks or bonds and their market value is expected to rise and fall as the value of the underlying securities or index rises and falls. As a shareholder in an ETF, a Portfolio would bear its ratable share of that entity's expenses while continuing to pay its own investment management fees and other expenses. As a result, the account or the fund and its shareholders will, in effect, be absorbing duplicate levels of fees.

**REITs, Real Estate Operating Companies ("REOCs") and Foreign Real Estate Companies.** Investing in REITs, REOCs and foreign real estate companies exposes investors to the risks of owning real estate directly, as well as to risks that relate specifically to the way in which REITs, REOCs and foreign real estate companies are organized and operated. In addition, investments in REITs and similar non-U.S. entities may involve duplication of management fees and certain other expenses. REITs are also subject to certain provisions under federal tax law and the failure of a company to qualify as a REIT could have adverse consequences for a portfolio. In addition, foreign real estate companies may be subject to the laws, rules and regulations governing those entities and their failure to comply with those laws, rules and regulations could negatively impact the performance of those entities.

**Fixed-Income Securities.** All fixed-income securities are subject to two types of risk: credit risk and interest rate risk. Credit risk refers to the possibility that the issuer of a security will be unable to make interest payments and/or repay the principal on its debt. When the general level of interest rates goes up, the prices of most fixed-income securities go down. When the general level of interest rates goes down, the prices of most fixed-income securities go up. Because the account is not limited as to the maturities of the fixed-income securities in which it may invest, a rise in the general level of interest rates may cause the price of the account's portfolio securities to fall substantially. In addition, a portion of the account's securities may be rated below investment grade, commonly known as "junk bonds," and may have speculative risk characteristics.

**Mortgage-Backed Securities.** Mortgage-backed securities entail prepayment risk, which generally increases during a period of falling interest rates. Certain mortgage-backed securities may be more volatile and less liquid than other traditional types of debt securities. In addition, an unexpectedly high rate of defaults on the mortgages held by a mortgage pool may adversely affect the value of a mortgage-backed security and could result in losses to the account. The risk of such defaults is generally higher in the case of mortgage pools that include subprime mortgages.

**Collateralized Mortgage Obligations ("CMOs").** CMOs are comprised of various tranches, the expected cash flows on which have varying degrees of predictability as compared with the underlying mortgage assets. The less predictable the cash flow, the higher the yield and the greater the risk. In addition, if the collateral securing CMOs or any third party guarantees are insufficient to make payments, an account could sustain a loss.

**We engage in the following Significant Fixed Income Investment Strategies:**

**Global Fixed Income (includes US and non-US)**

The **Global Fixed Income Strategies** combines a top-down assessment of the global bond universe with rigorous bottom-up fundamental and/or quantitative analysis:

**Macro analysis:** The process begins with a top-down value assessment of the bond universe, including a consideration of macroeconomic conditions, the corporate earnings environment and relative valuations. The team examines swap spreads as a proxy for the liquidity premium embedded within corporate spreads, and assesses factors such as leverage and asset volatility (which drive both equity volatility and default spreads) as an indicator of future default expectations.

**Screening:** The team applies a unique combination of quantitative and qualitative filters to identify bond issuers that meet its investment criteria in terms of competitive position, franchise value and management quality. The team uses a proprietary quantitative model, Distance-to-Default, to calculate how far an issuer is from theoretical default. Plotting this metric against a bond's yield spread allows the team to identify bonds offering potential attractive rewards relative to their associated risk.

**Credit analysis:** The team focuses on financial risk, business risk and management ability/intentions. When analyzing business risk, the team assesses an issuer's competitive position, its diversification and growth potential, the value of its franchise and the flexibility of its business model in terms of the variability of its cost structure. Financial risk involves an examination of an issuer's financial statements to assess the suitability of the issuer's capital structure for the risk entailed in the issuer's business. The team's forward-looking proprietary cash flow models enable them to understand the likely future financial profile. The group also seeks to understand management's intentions, in terms of business development and capital structure, and ability to execute.

**Valuation analysis:** The team then conducts a relative valuation assessment on potential investment candidates. Using default data and average risk premia, the team derives a fair value spread for each bond that is compared to the market spread to determine a bond's under/overvaluation.

The Global Fixed Income Team also incorporates Country and Currency Analysis for non-US portfolios.

**Portfolio construction:** A portfolio based on specific client guidelines is constructed, with sector allocation driven primarily from bottom-up security selection (subject to the team's risk management guidelines). Integral to the team's portfolio construction process is the measurement and monitoring of market risk, duration and volatility, and credit risk through the use of proprietary risk measures and proprietary models. The team actively manages spread duration with a target range of +/- two years versus the benchmark, with portfolio duration targeted at +/- one year around the benchmark.

**Emerging Markets Debt**

The **Emerging Markets Domestic (Local Currency) Debt Strategy** is a value-oriented fixed income strategy that seeks high total return from income and price appreciation by investing in a range of sovereign, quasi-sovereign and corporate debt securities in emerging markets. Investments are mostly denominated in emerging market and/or non-U.S. currencies. To achieve its objective, the strategy combines top-down country allocation with bottom-up security selection. All investment recommendations undergo peer review, and final decisions with respect to portfolio construction and market-risk exposure are made on a team basis.

- **Macro analysis:** The team begins with a top-down macro analysis of the global environment, and examines the impact of various geopolitical, economic and business trends (including global economic growth, business and inflation cycles, and commodities prices) on a universe of 60 or more emerging market countries. The team analyzes the global economic environment to assess the impact on emerging economies.
- **Country identification and allocation:** The team's objective is to identify countries that exhibit signs of positive fundamental change using frameworks that meld economic, political and social assessments. In analyzing economic factors, distinctions are made between policies (such as fiscal, monetary and exchange rate regimes), and objectives (for example GDP growth, inflation, external accounts and debt serviceability). The team focuses on the governments' abilities to formulate and implement policies and on the economies responsiveness to them. It also emphasizes socio-political factors including political risks, leadership, election calendars, regime changes and social stability.
- **Currency analysis:** Among the countries selected, the team reviews a variety of indicators to evaluate potential opportunities in foreign-exchange markets of the countries in the investable universe. The team's Fundamental Real Exchange Rate Model is based on general equilibrium macroeconomic models for open economies, which suggest that the real exchange rate is related to a few relevant fundamental variables including but not limited to the terms of trade, productivity differentials and the stock of net foreign assets. By analyzing real and nominal exchange rates, the team determines whether a real exchange rate is undervalued, overvalued or fairly valued relative to what fundamentals warrant, and weighs domestic, external and other factors likely to drive nominal exchange rates in the immediate future.
- **Yield curve analysis:** The team also seeks to add value by actively managing the exposure to the domestic yield curves of the countries in its investable universe. Its proprietary *Domestic Yield Curve Valuation Model* takes into consideration the impact of economic fundamentals of the short-term policy rate as an initial building block, and complements such estimation with a careful modeling of risk premium and a non-arbitrage condition to build a Fair Value Domestic Yield Curve.
- **Security selection:** The team screens a universe of sovereign, quasi-sovereign and corporate bonds in each country for the most attractive opportunities according to their risk/ return profiles.

The **Morgan Stanley Emerging Markets External Debt Strategy** is a value-oriented fixed income strategy that seeks high total return from income and price appreciation by investing in a range of sovereign, quasi-sovereign and corporate debt securities in emerging markets. Investments are mostly denominated in U.S. currency, and, to a lesser extent, in non-U.S. and/or local currencies. To achieve its objective, the strategy combines top-down country allocation with bottom-up security selection. All investment recommendations undergo peer review, and final decisions with respect to portfolio construction and market-risk exposure are made on a team basis.

- **Macro analysis:** The team begins with a top-down macro analysis of the global environment and examines the impact of various geopolitical, economic, and business trends (including global economic growth, business and inflation cycles, and commodities prices) on a universe of 60 or more emerging market countries. The output of the team's macro analysis is an overall risk assessment and risk target for the overall portfolio.
- **Country analysis:** The team's objective is to identify countries that exhibit signs of positive fundamental change using frameworks that meld economic, political, and social assessments. In analyzing economic factors, it distinguishes between policies (such as fiscal, monetary, and exchange rate regimes), and objectives (for example GDP growth, inflation, external accounts and debt serviceability). The team focuses on the government's ability to formulate and implement policies and on the economy's responsiveness to them. It also emphasizes socio-political factors including political risks, leadership, election calendars, regime changes, and social stability.

- **Security selection:** The team screens a universe of sovereign, quasi-sovereign and corporate bonds in each country for the most attractive opportunities according to their risk/ return profiles.

The **Emerging Markets Corporate Debt Strategy** is a value-oriented fixed income strategy that seeks to maximize total return from income and price appreciation by primarily investing across the credit spectrum in the debt securities of emerging market corporate issuers. Investments are mostly denominated in U.S. currency, and include non-U.S. and/or local currencies. To achieve its objective, the team follows a disciplined investment process that combines top-down country allocation with bottom-up credit analysis to identify undervalued emerging market corporate debt securities. All investment recommendations undergo peer review, and final decisions with respect to portfolio construction and market-risk exposure are made on a team basis.

- **Macro analysis:** The team begins with a top-down macro analysis of the global environment and examines the impact of various geopolitical, economic, and business trends (including global economic growth, business and inflation cycles, and commodities prices) on the universe of emerging market countries. The output of the team's macro analysis is an overall risk assessment and risk target for the overall portfolio.
- **Country analysis:** The team's objective is to identify countries that exhibit signs of positive fundamental change using frameworks that meld economic, political and social assessments. In analyzing economic factors, it distinguishes between policies (such as fiscal, monetary, and exchange rate regimes), and objectives (for example, GDP growth, inflation, external accounts and debt serviceability). The team focuses on a government's ability to formulate and implement policies and on an economy's responsiveness to them. It also emphasizes socio-political factors including political risks, leadership, election calendars, regime changes, and social stability.
- **Credit analysis and industry outlook:** The team reviews a variety of indicators to evaluate the credit metrics of specific issuers. Additionally, the team considers the industry outlook for each issuer. Fundamental credit analyses incorporate financial models, competitive positioning, free cash flow generation, business volatility, liquidity capital structure, and legal/regulatory considerations. Risk analyses consider business risk, financial risk, management experience, shareholder reputation, earnings stability, free cash flow, balance sheet strength and the trajectory of the credit profile.
- **Security selection:** The team screens a universe of corporate, sovereign, and quasi-sovereign bonds in each country for the most attractive opportunities. Securities are selected based on yield, targeted duration, security, covenants and other considerations.

## **High Yield**

The **High Yield Strategy** is a value-oriented fixed income strategy that seeks to maximize total returns from income and price appreciation by investing in a diversified portfolio of high yield debt issued by corporations and non-government issuers. To achieve this objective, the strategy uses a bottom-up, credit-intensive approach that looks for relative value opportunities. The team believes that successful credit management depends on four factors: 1) a value-driven process, 2) forward-looking credit analysis, 3) broad diversification in an attempt to reduce portfolio risk, and 4) a global approach.

**The Fixed Income investment strategies are subject to the following risk considerations:**

**Fixed Income Securities.** The prices of fixed income securities respond to economic developments, particularly interest rate changes, changes in the general level of spreads between U.S. Treasury and non-Treasury securities, and changes in the actual or perceived creditworthiness of the issuer of the fixed income security. Securities with longer durations are likely to be more sensitive to changes in interest rates,

generally making them more volatile than securities with shorter durations. The historically low interest rate environment increases the risk associated with rising rates, including the potential for periods of volatility. There may be a heightened level of risk, especially since the Federal Reserve Board has ended its quantitative easing and may begin to raise rates.

**Municipal Securities.** Municipal obligations may be general obligations or revenue bonds and may include Build America Bonds. General obligation bonds are secured by the issuer's full faith and credit as well as its taxing power for payment of principal or interest. Revenue bonds are payable solely from the revenues derived from a specified revenue source, and therefore involve the risk that the revenues so derived will not be sufficient to meet interest and or principal payment obligations. Municipal securities involve the risk that an issuer may call securities for redemption, which could force the account to reinvest the proceeds at a lower rate of interest.

**Mortgage Securities.** Investments in mortgage securities are subject to the risk that if interest rates decline, borrowers may pay off their mortgages sooner than expected which may adversely affect a portfolio's return. Investments in TBAs may give rise to a form of leverage and may cause an account's turnover rate to appear higher. Leverage may cause an account to be more volatile than if an account had not been leveraged.

**Asset-Backed Securities.** Asset-backed securities are subject to the risk that consumer laws, legal factors or economic and market factors may result in the collateral backing the securities being insufficient to support payment on the securities. Some asset-backed securities also entail prepayment risk, which may vary depending on the type of asset.

**High Yield Securities/ Lower Rated Fixed Income Securities ("Junk Bonds").** An account's investments in high yield securities expose it to a substantial degree of credit risk. High yield securities may be issued by companies that are restructuring, are smaller and less creditworthy or are more highly indebted than other companies, and therefore they may have more difficulty making scheduled payments of principal and interest. High yield securities may experience reduced liquidity, and sudden and substantial decreases in price. The prices of these securities are likely to be more sensitive to adverse economic changes, resulting in increased volatility of market prices of these securities during periods of economic uncertainty, or adverse individual corporate developments, than higher rated securities. In addition, during an economic downturn or substantial period of rising interest rates, junk bond issuers and, in particular, highly leveraged issuers may experience financial stress.

**Bank Loans.** Bank loans are subject to the risk of default. Default in the payment of interest or principal on a loan will result in a reduction of income to the account, a reduction in the value of the loan, and a potential decrease in the account's balance. The risk of default will increase in the event of an economic downturn or a substantial increase in interest rates. Bank loans are subject to the risk that the cash flow of the borrower and property securing the loan or debt, if any, may be insufficient to meet scheduled payments. As discussed above, however, because bank loans reside higher in the capital structure than high yield bonds, default losses have been historically lower in the bank loan market. Bank loans that are rated below investment grade share the same risks of other below investment grade securities.

**Foreign and Emerging Market Securities.** Investments in foreign markets entail special risks such as currency, political, economic and market risks. There also may be greater market volatility, less reliable financial information, higher transaction and custody costs, decreased market liquidity and less government and exchange regulation associated with investments in foreign markets. The risks of investing in emerging market countries are greater than risks associated with investments in foreign developed countries. In addition, an account's investments may be denominated in foreign currencies and therefore, changes in the value of a country's currency compared to the U.S. dollar may affect the value of an account's investments.

**Derivatives Risk.** A derivative instrument often has risks similar to its underlying instrument and may have additional risks, including imperfect correlation between the value of the derivative and the underlying instrument, risks of default by the other party to certain transactions, magnification of losses incurred due to changes in the market value of the securities, instruments, currencies, indices or interest rates to which they relate and risks that the instruments may not be liquid and could be difficult to value. Certain derivative transactions may give rise to a form of leverage. Leverage magnifies the potential for gain and the risk of loss. Derivative instruments include, but are not limited to futures, swaps, options and structured investments.

**Short Sales.** In a short sale transaction, an account sells a borrowed security in anticipation of a decline in the market value of that security. If the adviser incorrectly predicts that the price of a borrowed security will decline, an account may lose money. Losses from short sales differ from losses that could be incurred from a purchase of a security, because losses from short sales may be unlimited, whereas losses from purchases can equal only the total amount invested.

**Mortgage-Backed Securities.** Mortgage-backed securities entail prepayment risk, which generally increases during a period of falling interest rates. Certain mortgage-backed securities may be more volatile and less liquid than other traditional types of debt securities. In addition, an unexpectedly high rate of defaults on the mortgages held by a mortgage pool may adversely affect the value of a mortgage-backed security and could result in losses to an account. The risk of such defaults is generally higher in the case of mortgage pools that include subprime mortgages.

**Collateralized Mortgage Obligations (“CMOs”).** CMOs are comprised of various tranches, the expected cash flows on which have varying degrees of predictability as compared with the underlying mortgage assets. The less predictable the cash flow, the higher the yield and the greater the risk. In addition, if the collateral securing CMOs or any third party guarantees are insufficient to make payments, an account could sustain a loss.

**Credit and Interest Rate Risk.** Credit risk refers to the possibility that the issuer of a security will be unable to make interest payments and/or repay the principal on its debt. Interest rate risk refers to fluctuations in the value of a debt security resulting from changes in the general level of interest rates.

**Bank Obligations.** The activities of U.S. and most foreign banks are subject to comprehensive regulations. The enactment of new legislation or regulations, as well as changes in interpretation and enforcement of current laws, may affect the manner of operations and profitability of domestic and foreign banks. In addition, banks may be particularly susceptible to certain economic factors.

**U.S. Government Securities.** With respect to U.S. government securities that are not backed by the full faith and credit of the U.S. Government, there is the risk that the U.S. Government will not provide financial support to such U.S. government agencies, instrumentalities or sponsored enterprises if it is not obligated to do so by law.

**Repurchase Agreements.** Repurchase agreements are subject to risks associated with the possibility of default by the seller at a time when the collateral has declined in value, or insolvency of the seller, which may affect an account’s right to control the collateral.

**Foreign Money Market Securities.** Investing in money market securities of foreign issuers involves some additional risks, including higher cost of investing and the possibility of adverse political, economic or other developments affecting the issuers of these securities.



### **We engage in the following fund of funds and other alternative investment strategies:**

The core of our investment approach is a research intensive strategy and manager selection process intended to exploit market inefficiencies and other situations outside the mainstream of conventional investing while minimizing risk. Investments managed on a discretionary basis are selected opportunistically and managed dynamically from the complete range of liquid and private market strategies appropriate for each account. The offering documents and/or governing documents and, in applicable cases, the client's investment management agreement provide a fuller description of the types of Investment Funds in which we cause an account to invest. Our personnel use a wide range of resources to identify attractive Investment Funds and promising investment strategies for consideration in connection with investments by the accounts. Our main sources of information include contacts with industry executives, established business relationships, and research materials prepared by others.

Fund of Hedge Funds: Our fund of hedge funds investment process consists of (i) investing in funds managed by Investment Managers who employ a variety of non-traditional liquid market investment strategies; (ii) investing in certain investment funds managed in a traditional style; (iii) making investments directly in privately held companies or publicly traded companies in which an account invests generally alongside an Investment Fund, typically an Investment Fund in which the account invests directly ("Co-Investment") and (iv) making secondary market purchases of hedge funds. Liquid market investment strategies include a wide range of arbitrage (convertible bond, statistical, term structure, merger, mortgage backed security, global bond and capital structure), long-short equities and bonds, convergence, directional trading, distressed securities and options. These strategies allow Investment Managers the flexibility to use leverage or short-sale positions to take advantage of perceived inefficiencies across capital markets and are referred to as "alternative investment strategies". "Traditional" investment companies are characterized generally by long-only investments and limits on the use of leverage. Investment Funds following alternative investment strategies (whether hedged or not) are often described as "hedge funds". We may also seek to gain investment exposure, on behalf of an account, to certain Investment Funds or to adjust market or risk exposure by, among other things, entering into derivative transactions such as total return swaps, options and futures. Our fund of hedge funds accounts may also make co-investments as part of its investment strategy.

For certain funds that employ a fund of hedge funds investment strategy we manage a portion of such fund's assets in overlay strategies related to portable alpha applications of its alternative investments. Portable alpha is the process whereby alpha (defined as the return in excess of the risk-free rate) is transported onto a traditional asset class return (such as equities or fixed income) to enhance the return of the monies allocated to the underlying asset class without necessitating an alteration in the investor's asset allocation. For example, we may enter into a total return swap (with an external counterparty) on behalf of the fund for the total return on the S&P 500 Index in exchange for payments of Libor + 50 basis points. The net return to the investor = (Fund of hedge funds return + S&P 500) - (Libor + 50 basis points).

Portfolio Solutions: The Portfolio Solutions Group implements investment advice by integrating traditional and non-traditional investments through a single portfolio construction philosophy and approach. The investment strategies may include stand-alone hedge fund portfolios, mutual funds, portfolios of alternative investment strategies that complement traditional allocations to global equities and fixed income, or a full range of investment strategies across traditional and non-traditional asset classes. The Portfolio Solutions Group has developed proprietary approaches for measuring the risk and return of alternative investments and incorporating them within a broader portfolio. The Portfolio Solutions Group designs and manages highly customized alternative investment portfolios and advises its clients on all aspects of portfolio construction, including: analyzing manager performance (both hedge funds and traditional managers); creating strategic portfolios that include alternative investments; and developing commitment strategies for private equity and real estate investments and portfolio transition plans.

Private Equity Fund of Funds: For our private equity funds of funds strategies, we implement our investment advice through three primary investment approaches: (a) primary commitments to Investment Funds; (b) co-investments, primarily alongside our existing primary Investment Fund managers; and (c) secondary market purchases of existing private equity Investment Funds. Our private equity fund of funds strategies may, in some cases, make investments in other than Investment Funds (both on a primary or secondary basis) or co-investments, such as illiquid private assets sourced from other alternative investment vehicles and/or publicly traded securities of private equity businesses or funds (“Other Investments”).

Our private equity fund of funds investment process generally consists of making primary commitments to and investing in private equity funds managed by Investment Managers who employ a variety of non-traditional private markets investment strategies. Private market strategies include buyouts, growth capital, venture capital, distressed companies, special situations, mezzanine, opportunistic real estate, partnership interests purchased and sold on the secondary markets, emerging markets and other categories. A private equity fund of funds Account may also make Other Investments and Co-Investments as part of its investment strategy.

Private Equity Real Estate Fund of Funds: For our private equity real estate fund of funds strategy, we generally implement investment advice through: (i) primary commitments to Investment Funds; (ii) co-investments; (iii) secondary market purchases of existing private equity real estate Investment Funds; and (iv) investments in managers transitioning to real estate fund management from real estate management, ownership and/or development as part of their investment strategy (“manager incubation investments or “MI”).

The private equity real estate fund of funds investment team focuses primarily on small and mid-size funds, which in our opinion, have a sustainable strategy for generating superior risk-adjusted returns across real estate market cycles, demonstrate a differentiated skill set, emphasize strong real estate fundamentals in pursuing their strategies and have a demonstrated in-depth knowledge of their local markets. We will seek to invest with managers that have: (i) strong management teams that we like, trust and admire; (ii) a clear alignment of interests with their investors and employ best practices in fund governance; (iii) access to a proprietary pipeline of investment opportunities (providing us with access to scarce or difficult-to-find real estate opportunities); (iv) a demonstrated ability to execute on a disciplined and repeatable investment strategy; (v) an established track record and experience; (vi) a thorough investment process with robust infrastructure; and (vii) transparent reporting.

**The fund of funds investment strategies are subject to the following risk considerations:**

**Inadequate Return.** No assurance can be given that the returns on an Investment Fund will be commensurate with the risk of your investment. You should not commit money to an account unless you have the resources to sustain the loss of your entire investment. Any losses are borne solely by you and not by us or our affiliates.

**Multiple Layers of Fees.** By investing in the Investment Funds indirectly through the accounts, you bear asset-based fees and performance-based fees or allocations at the Investment Fund level, in addition to those payable to us in our capacity as investment adviser to each account. Similarly, you bear a proportionate share of the other operating expenses of (i) the Investment Funds in which the accounts are invested; and (ii) of the accounts themselves. If you meet the conditions imposed by the Investment Managers, you could invest directly with such Investment Managers.

**Illiquidity of Interests; Limitations on Transfer.** You will not be permitted to transfer your interest in an Investment Fund without the consent of the general partner of the Investment Fund. Furthermore, the



transferability of your interest will be subject to certain restrictions contained in the governing documents of an Investment Fund, and will be affected by restrictions imposed under applicable securities laws. The general partner of an Investment Fund will not consent to any transfer or other disposition that could cause the Investment Fund to be treated as a “publicly traded partnership” under the Internal Revenue Code. There is currently no market for the interests, and it is not contemplated that one will develop. You should only acquire interests if you are able to commit your funds for an indefinite period of time.

**Absence of Regulatory Oversight.** Certain of the funds and the Investment Funds are not registered as investment companies under the Investment Company Act of 1940, as amended (the “1940 Act”). Certain of our funds, as investors in these Investment Funds, do not have the benefit of the protections afforded by the 1940 Act to investors in registered investment companies. In addition, the investment managers of the Investment Funds may not be registered as investment advisers under the Advisers Act. Although we periodically receive information from each Investment Fund regarding its investment performance and investment strategy, we may have little or no means of independently verifying this information. An Investment Fund may use proprietary investment strategies that are not fully disclosed to us, which may involve risks under some market conditions that are not anticipated by us. Investment Managers may change their investment strategies (i.e., may experience style drift) at any time. In addition, we have no direct control over any Investment Funds’ investment management, brokerage, custodial arrangements or operations and must rely on the experience and competency of the Investment Manager in these areas. The performance of our funds depends on our success in selecting Investment Funds for investment by the Funds and the allocation and reallocation of assets among those Investment Funds.

The Investment Funds typically do not maintain their securities and other assets in the custody of a bank or a member of a securities exchange, as generally required of registered investment companies. It is anticipated that the Investment Funds in which the Funds invest generally will maintain custody of their assets with brokerage firms that do not separately segregate such customer assets as required in the case of registered investment companies. Under the provisions of the Securities Investor Protection Act of 1970, as amended, the bankruptcy of any such brokerage firm could have a greater adverse effect on the funds than would be the case if custody of assets were maintained in accordance with the requirements applicable to registered investment companies. There is also a risk that an Investment Manager could convert assets committed or paid to it by the Funds for its own use or that a custodian could convert assets committed to it by an Investment Manager to its own use.

Each Investment Manager may receive any incentive-based fees to which it is entitled irrespective of the performance of the other Investment Funds and a fund generally. As a result, an Investment Manager with positive performance may receive compensation from the fund, in the form of the asset-based fees, incentive-based fees and other expenses payable by you as an investor in the relevant Investment Fund, even if the fund’s overall returns are negative. The investment decisions of the Investment Funds are made by the investment managers independently of each other so that, at any particular time, one Investment Fund may be purchasing shares in an issuer that at the same time are being sold by another Investment Fund. Transactions of this sort could result in an account directly or indirectly incurring certain transaction costs without accomplishing any net investment result, which may result in the pursuit of opposing investment strategies or result in performance that correlates more closely with broader market performances. Because an account may make additional investments in or redemptions from Investment Funds only at certain times according to limitations set out in the governing documents of each such fund, an account from time to time may have to invest some of its assets temporarily in money market securities or money market funds, among other similar types of investments.

Investment Funds may permit or require that redemptions of interests be made in kind. Upon its redemption of all or a portion of its interest in an Investment Fund, an account may receive securities that are illiquid or difficult to value. In such a case, we would seek to cause the account to dispose of these securities in a

manner that is in the best interest of the account. An account may not be able to withdraw from an Investment Fund except at certain designated times (if at all), limiting our ability to redeem assets from an Investment Fund that may have poor performance or for other reasons.

**Inside Information.** From time to time, we may come into possession of material, non-public information concerning an entity in which an account has invested, or proposes to invest. Possession of that information may limit our ability to buy or sell securities of the entity on your behalf.

**Long-Term Investments; No Current Return.** The return of capital in cash or other property, the realization of gains in cash or other property (if any), and actual distribution thereof to any account generally will occur only upon collection of distributions from the underlying Investment Funds in which the accounts invest. In the case of such Investment Funds, timing of distributions will be completely out of our control. The ability of an account to return capital will depend in part upon the withdrawal rights provided by the corresponding Investment Funds in which the account is invested. Investment Funds may only permit withdrawals on an annual or less frequent basis and may have the ability to suspend withdrawals. Additionally, an Investment Fund may make distributions in-kind. An account may be unable to withdraw cash from its corresponding Investment Funds whenever it desires.

**General Economic and Market Conditions.** The success of an account's activities may be affected by general economic and market conditions, such as interest rates, availability of credit, inflation rates, economic uncertainty, changes in laws, and national and international political circumstances. These factors may affect the level and volatility of security prices and liquidity of the account's investments. Unexpected volatility or lack of liquidity, such as the general market conditions that have prevailed recently, could impair the account's profitability or result in its suffering losses.

**Estimates.** In most cases, we will have no ability to assess the accuracy of the valuations received from an Investment Manager. Furthermore, the net asset values or other valuation information received by us from such Investment Managers will typically be estimates only, subject to revision through the end of each Investment Fund's annual audit. Revisions to the gain and loss calculations will be an ongoing process, and no net capital appreciation or depreciation figure can be considered final until the annual audit of each Investment Fund is completed.

**Conflicts of Interest.** As a diversified global financial services firm, Morgan Stanley engages in a broad spectrum of activities including financial advisory services, asset management activities, sponsoring and managing private investment funds, engaging in broker-dealer transactions and other activities. In the ordinary course of business, Morgan Stanley engages in activities in which Morgan Stanley's interests or the interests of its clients may conflict with the interests of our clients. The potential for Morgan Stanley, as placement agent, to receive compensation in connection with a client's investment in a fund presents such placement agent with a potential conflict of interest in recommending that such client purchase interests in a fund. Such placement agent may in its sole discretion waive the placement fees payable by a client. You should take such payment arrangements into account where evaluating any recommendations relating to your investments.

**Legal and Regulatory Risks.** The regulation of the U.S. and non-U.S. securities and futures markets and Investment Funds has undergone substantial change in recent years and such change may continue. In particular, in light of the recent market turmoil there have been numerous proposals, including bills that have been introduced in the U.S. Congress, for substantial revisions to the regulation of financial institutions generally. Some of the additional regulation of private fund managers, includes requirements for such managers to register as investment advisers under Advisers Act and disclose various information to regulators about the positions, counterparties and other exposures of the private funds managed by such managers. The effect of regulatory change on the Investment Funds, while impossible to predict, could be

substantial and adverse. In addition, the practice of short selling has been the subject of numerous temporary restrictions, and similar restrictions may be promulgated at any time. Such restrictions may adversely affect the returns of Investment Funds that utilize short selling.

The Investment Funds in which accounts invest are subject to the following principle risks, among others:

**Fund of Hedge Funds Generally:**

**Restricted and Illiquid Investments.** Although we anticipate that most Investment Funds will invest primarily in publicly traded securities, they may invest a portion of the value of their total assets in restricted securities and other investments that are illiquid. Restricted securities are securities that may not be sold to the public without an effective registration statement under the Securities Act of 1933, as amended, or that may be sold only in a privately negotiated transaction or pursuant to an exemption from registration.

When registration is required to sell a security, an Investment Fund may be obligated to pay all or part of the registration expenses, and a considerable period may elapse between the decision to sell and the time the Investment Fund may be permitted to sell a security under an effective registration statement. If adverse market conditions developed during this period, an Investment Fund might obtain a less favorable price than the price that prevailed when the Investment Fund decided to sell. Investment Funds may be unable to sell restricted and other illiquid securities at the most opportune times or at prices approximating the value at which they purchased the securities.

An account's interests in Investment Funds are themselves illiquid and subject to substantial restrictions on transfer. An account's ability to liquidate an interest in an Investment Fund will likely be limited. An account is subject to certain Investment Funds' initial lock-up periods beginning at the time of an account's initial investment in an Investment Fund, during which an account may not withdraw its investment. In addition, certain Investment Funds may at times elect to suspend completely or limit withdrawal rights for an indefinite period of time in response to market turmoil or other adverse conditions (such as those experienced by many hedge funds during late 2008 into 2009). Investment Funds may also assess fees for redemptions or other withdrawals. The limited liquidity of these Investment Funds' interests may adversely affect an account were it to have to sell or redeem such interests at an inopportune time. An account may need to suspend or postpone opportunities for investor liquidity if it is not able to dispose of its interests in Investment Funds in a timely manner.

Some of the Investment Funds may hold a portion of their assets in "side pockets" which are sub-accounts within the Investment Funds in which certain assets (which generally are illiquid and/or hard to value) are held and segregated from the Investment Fund's other assets until some type of realization event occurs. Side pockets thus have restricted liquidity, potentially extending over a much longer period than the typical liquidity an investment in the Investment Funds may provide. Should an account seek to liquidate its investment in an Investment Fund that maintains these side pockets, such account might not be able to fully liquidate its investment without delay, which could be considerable. In such cases, until an account is permitted to fully liquidate its interest in the Investment Fund, the value of its investment in such Investment Fund could fluctuate based on adjustments to the fair value of the side pocket as determined by the Investment Manager. In addition, if an Investment Fund establishes a side pocket prior to an account's investing in the Investment Fund, such account may not be exposed to the performance of the Investment Fund's assets held in the side pocket.

**Use of Derivatives:** Certain accounts, and some or all their respective Investment Funds, may invest in, or enter into, derivative or derivative transactions ("Derivatives"). Derivatives are financial instruments that derive their performance, at least in part, from the performance of any underlying asset, index or interest

rate. Derivatives entered into by an Investment Fund can be volatile and involve various types and degrees of risk, depending upon the characteristics of a particular Derivative and the portfolio of the account or Investment Fund. If an account or an Investment Fund invests in Derivatives at an inopportune time or incorrectly judges market conditions, the investments may lower the return of the account or Investment Fund or result in a loss. An account or an Investment Fund also could experience losses if Derivatives are poorly correlated with its other investments, or if the account or Investment Fund is unable to liquidate the position because of an illiquid secondary market.

**Highly Volatile Markets:** The prices of commodities contracts and all Derivatives, including futures and options, can be highly volatile. Investment Funds are subject to the risk that trading activity in securities in which the Investment Funds invest may be dramatically reduced or cease at any time, whether due to general market turmoil, problems experienced by a single issuer or a market sector or other factors. If trading in particular securities or classes of securities is impaired, it may be difficult for an Investment Fund to properly value any of its assets represented by such securities.

**Leverage Utilized by Investment Funds:** Investment Funds may utilize leverage in their investment activities. Specifically, some or all of the Investment Funds may make margin purchases of securities and, in connection with these purchases, borrow money from brokers and banks for investment purposes. Although leverage will increase investment returns if an Investment Fund earns a greater return on the investments purchased with borrowed funds than it pays of the use of those funds, the use of leverage will decrease the return on an Investment Fund if the Investment Fund fails to earn as much on investments purchased with borrowed funds as it pays for the use of those funds. The use of leverage will in this way magnify the volatility of changes in the value of an investment in the Investment Funds.

**Distressed Securities:** Certain of the companies in whose securities the Investment Funds may invest may be in transition, out of favor, financially leveraged or troubled, or potentially troubled, and may be or have recently been involved in major strategic actions, restructurings, bankruptcy, reorganization or liquidation. These characteristics of these companies can cause their securities to be particularly risky, although they also may offer the potential for high returns. These companies' securities may be considered speculative, and the ability of the companies to pay their debts on schedule could be affected by adverse interest rate movements, changes in the general economic climate, economic factors affecting a particular industry or specific developments within the companies. An Investment Fund's investment in any instrument is subject to no minimum credit standard and a significant portion of the obligations and preferred stock in which an Investment Fund may invest may be less than investment grade (commonly referred to as junk bonds), which may result in the Investment Fund's experiencing greater risks than it would if investing in higher rated instruments.

**Short Sales:** An Investment Fund may attempt to limit its exposure to a possible market decline in the value of its portfolio securities through short sales of securities that its Investment Manager believes possess volatility characteristics similar to those being hedged. An Investment Fund may also use short sales for non-hedging purposes to pursue its investment objectives if, in the Investment Manager's view, the security is over-valued in relation to the issuer's prospects for earnings growth. Short selling is speculative in nature and, in certain circumstances, can substantially increase the effect of adverse price movements on an Investment Fund's portfolio. A short sale of a security involves the risk of an unlimited increase in the market price of the security that can in turn result in an inability to cover the short position and a theoretically unlimited loss. No assurance can be given that securities necessary to cover an Investment Fund's short position will be available for purchase.

**Private Equity Fund of Funds Generally:**

**Buy-Out Transactions:** Certain accounts may invest directly, or indirectly through Investment Funds, in leveraged buyouts that by their nature require companies to undertake a high ratio of leverage to available income. Leveraged investments are inherently more sensitive to declines in revenues and to increases in expenses.

**Control Positions:** Certain accounts may directly, or indirectly through Investment Funds, take control positions in companies. The exercise of control over a company imposes additional risks of liability for environmental damage, product defects, failure to supervise and other types of related liability. If such liabilities were to arise, such Investment Fund would likely suffer a loss, which may be complete, on its investment.

**Investing in Special Situations:** Certain accounts may invest directly, or indirectly through Investment Funds, in companies that are involved in (or are the target of) acquisition attempts or tender offers, or companies involved in work-outs, liquidations, spin-offs, reorganizations, bankruptcies and similar transactions. In any investment opportunity involving these types of transactions, there exists the risk that the transaction will be unsuccessful, will take considerable time or will result in a distribution of cash or a new security, the value of which will be less than the purchase price to certain of our private equity fund of funds. As a result, the accounts may suffer a loss, which may be complete, on its investment.

**Venture Capital Investments:** Certain accounts may directly, or indirectly through Investment Funds, make venture capital investments. Such investments involve a high degree of business and financial risk that can result in substantial losses. The most significant risks are the risks associated with investments in: (i) companies in an early stage of development or with little or no operating history; (ii) companies operating at a loss or with substantial fluctuations in operating results from period to period; and (iii) companies with the need for substantial additional capital to support or to achieve a competitive position.

**Use of Hedging Instruments:** Certain accounts and Investment Funds may choose, but are not required, to engage in transactions designed to reduce the risk or to protect the value of their investments, including securities and currency hedging transactions. There is no restriction on our accounts' ability to engage in short-sale and derivative transactions, including, without limitation, forward contracts and option and swap transactions involving portfolio company securities (an entity in which the Investment Funds invest or in which the accounts directly invest) or other securities, whether or not in connection with a hedging strategy. These hedging strategies could involve a variety of derivative transactions, including transactions in forward, swap and option contracts or other financial instruments with similar characteristics, including, without limitation, forward foreign currency exchange contracts, currency and interest rate swaps, options and short sales (collectively "Hedging Instruments"). Hedging against a decline in the value of a portfolio position does not eliminate fluctuations in the values of portfolio positions or prevent losses if the values of those positions decline, but establishes other positions designed to gain from those same developments, thus offsetting the decline in the portfolio positions' value. While these transactions may reduce the risks associated with an investment by the account or the Investment Funds, the transactions themselves entail risks that are different from those of the investments of the accounts or Investment Funds. The risks posed by these transactions include, but are not limited to, interest rate risk, market risk, the risk that these complex instruments and techniques will not be successfully evaluated, monitored or priced, the risk that counterparties will default on their obligations, liquidity risk and leverage risk. Changes in liquidity may result in significant, rapid and unpredictable changes in the prices for derivatives. Thus, while the accounts and Investment Funds may benefit from the use of Hedging Instruments, unanticipated changes in interest rates, securities prices or currency exchange rates may result in a poorer overall performance for the accounts and Investment Funds than if they had not used such Hedging Instruments.

**Morgan Stanley Principal Investment Activities:** Morgan Stanley invests directly in private equity and real estate private equity through other divisions. As a consequence, other than Co-Investments made by

certain accounts alongside those private equity or private equity real estate fund managers into whose funds an investment team has invested on a primary basis, not every direct private equity or private equity real estate investment that meets an account's investment objectives may be made available to our accounts.

### **Private Equity Real Estate Fund of Funds Generally:**

**Real Estate Market Conditions:** Some of the Investment Funds' real estate investment strategies may be based, in part, upon the premise that real estate businesses and assets will become available for purchase by such Investment Fund at prices that the investment manager of the Investment Fund considers more favorable. Further, the strategy of certain Investment Funds for its real estate investments may rely, in part, upon the continuation of existing market conditions (including, for example, supply and demand characteristics) or, in some circumstances, a recovery or improvement in market conditions over the projected holding period for the real estate investments. No assurance can be given that real estate investments can be acquired or disposed of at favorable prices or that the market for such investments will either remain stable or, as applicable, recover or improve, since this will depend upon events and factors outside the control of the managers of the Investment Funds.

**Acquisition and Development Risk:** Acquisitions entail risks that investments may not perform in accordance with expectations and that anticipated costs of improvements to bring an acquired property up to the necessary standard for the market position intended for that property may exceed budgeted amounts, as well as general investment risks associated with any new real estate investment. Certain Investment Funds may not be successful in identifying suitable real estate properties or other assets that meet their investment criteria or in consummating acquisitions or investments on satisfactory terms.

**Risks in Effecting Operating Improvements:** In some cases, the success of an Investment Fund's real estate investment strategy will depend, in part, on the ability of such Investment Fund to restructure and effect improvements in the operations of a portfolio company or its properties. The activity of identifying and implementing restructuring programs and operating improvements at portfolio companies entails a high degree of uncertainty. There can be no assurance that such Investment Fund will be able to successfully identify and implement such restructuring programs and improvements.

**Commercial/Business Risks:** It is anticipated that certain of our private equity real estate fund of funds will make investments in some Investment Funds, including MII, that have a limited operating history, a manager with limited private equity real estate fund management experience, or both. Such investments have inherently greater risk than more established private equity real estate funds. Accordingly, the growth of these Investment Funds may require significant time and effort resulting in a longer investment horizon than can be expected with lower risk investment alternatives. Such investments can experience failure or substantial declines in value at any stage. There is no assurance that such investments by the accounts will be successful.

**Ability of Underlying Funds to Finance, Consummate and Dispose of Investments:** The Investment Funds' ability to generate attractive investment returns for their investors may be adversely affected to the extent the Investment Funds are unable to obtain favorable financing terms for their real estate investments and may also affect certain of our accounts' and the Investment Funds' ability to exit the investment. Certain marketplace events may have an adverse impact on the availability of credit to businesses generally and could lead to an overall weakening of the global economies. Certain economic downturns could adversely affect the financial resources of corporate borrowers in which the Investment Funds have invested, in addition to the resources of operating partners and investment projects in which the Investment Funds participate, and result in the inability of such borrowers, partners and projects to make principal and interest payments on outstanding debt when due. In the event of such defaults, the Investment Funds may suffer a partial or total loss of capital invested in such companies, which could, in turn, have an adverse

effect on the Investment Funds' and of the accounts' returns. Such marketplace events also may restrict the ability of the Investment Funds to sell or liquidate real estate investments at favorable times or for favorable prices.

### **Special Risks Related to Cyber Security.**

We are susceptible to cyber security risks that include, among other things, theft, unauthorized monitoring, release, misuse, loss, destruction or corruption of confidential and highly restricted data; denial of service attacks; unauthorized access to relevant systems, compromises to networks or devices that we and our service providers, if applicable, use to service our client accounts; or operational disruption or failures in the physical infrastructure or operating systems that support us or our service providers, if applicable. Cyber attacks against, or security breakdowns, of us or our service providers, if applicable, may adversely impact us and our clients, potentially resulting in, among other things, financial losses; our inability to transact business on behalf of our clients; violations of applicable privacy and other laws; regulatory fines, penalties, reputational damage, reimbursement or other compensation costs; and/or additional compliance costs. We may incur additional costs related to cyber security risk management and remediation. In addition, cyber security risks may also impact issuers of securities in which we invest on behalf of our clients, which may cause our clients' investment in such issuers to lose value. There can be no assurance that we or our service providers, if applicable, will not suffer losses relating to cyber attacks or other information security breaches in the future.

### **Legislative Events That May Impact Our Business.**

In December 2013, U.S. regulators adopted final regulations ("Implementing Regulations") implementing Section 619 of the Dodd-Frank Act (which section is commonly referred to as the "Volcker Rule"). The Implementing Regulations became effective on April 1, 2014. Subject to certain exceptions, the Volcker Rule and the Implementing Regulations generally prohibit "banking entities" (which term includes bank holding companies and their affiliates) from investing in, sponsoring, or having certain types of relationships with, private equity funds or hedge funds (referred to in the Implementing Regulations as "covered funds"). Banking entities (including Morgan Stanley and its affiliates) were required to bring their activities and investments into conformance with the Volcker Rule by July 21, 2015, subject to certain extensions granted by the U.S. Federal Reserve by rule or (to the extent that Morgan Stanley so requests) by order). Although there can be no assurances, these extensions could potentially allow Morgan Stanley and its affiliates several additional years to bring certain of their covered fund activities and investments into compliance with certain aspects of the Volcker Rule.

Volcker Rule and the Implementing Regulations impose a number of restrictions on Morgan Stanley and its affiliates that could affect us, private funds offered by us, the general partner of those funds, and the limited partners of such funds. For example, Morgan Stanley and its affiliates are required (subject to any applicable extensions as discussed above) to eliminate their commitment to private funds (potentially through a sale of their interests in the fund or in the general partner of the fund) or, if the fund qualifies for the relevant exemption, reduce their commitment so that their aggregate commitments to the private fund do not exceed 3% of the fund and their aggregate investment in private equity and hedge funds does not exceed 3% of Morgan Stanley's Tier I capital.

In addition, the Volcker Rule and the Implementing Regulations require Morgan Stanley and its affiliates to restructure or terminate their affiliations with, and/or to refrain from, other transactions (including "covered transactions" as defined in Section 23A of the U.S. Federal Reserve Act, as amended) with or for the benefit of, the private funds. For example, Morgan Stanley will be prohibited from providing loans, hedging transactions with extensions of credit or other credit support to private funds it advises. We, along with the private funds we advise and the general partner, if applicable, are also be required to change our names to

exclude the Morgan Stanley name (or any variation thereon), which may require some adjustment in the market.

While we will endeavor to minimize the impact on our private funds and the assets held by them, Morgan Stanley's interests in determining what actions to take in implementing the Volcker Rule and the Implementing Regulations may conflict with our interests and the interests of the private funds, the general partner and the limited partners of the private funds, all of which may be adversely affected by such actions.

The foregoing is not an exhaustive discussion of the potential risks the Volcker Rule poses for us.

## **ITEM 9            DISCIPLINARY INFORMATION**

On December 22, 2015, we settled an action brought that day by the SEC relating to prearranged trades. The settlement covers the period from late 2011 through early 2012, during which time the SEC found that a former MSIM portfolio manager/trader engaged in six pairs of unlawful prearranged sales and buybacks of fixed income securities with a trader at an unaffiliated broker-dealer, which resulted in the undisclosed favorable treatment of certain MSIM advisory clients over others. The MSIM portfolio manager/trader was terminated by MSIM in May 2014.

Without admitting or denying the findings, we consented to the entry of an administrative cease and desist order finding violations of Section 17(a)(3) of the Securities Act of 1933, Sections 203(e)(6), 206(2) and 206(4) of the Investment Advisers Act of 1940 and Rule 206(4)-7 thereunder, and aiding and abetting violations of Section 17(a)(2) of the Investment Company Act of 1940. We were censured and also agreed to pay a civil money penalty in the amount of \$8,000,000 to the SEC.

We also agreed to distribute a sum total payment in the amount of \$857,534 to compensate certain pooled investment vehicles and separately managed accounts, and to certify, in writing, compliance with the distribution of funds, which certification was supported by written evidence of compliance and exhibits.

On November 16, 2011, we settled charges by the SEC relating to The Malaysia Fund, Inc. (the "Fund"), a closed-end management investment company that we managed. The settlement relates to the period from 1996 until the end of 2007, during which time the SEC found we represented to the Fund's investors and board of directors that the Fund's unaffiliated Malaysian sub-adviser, AMMB Consultant Senderian Berhad ("AMMB"), was providing certain services that AMMB in fact was not providing. Effective December 31, 2007, AMMB was terminated as subadviser to the Fund. The Fund was liquidated on August 17, 2012.

Without admitting or denying the findings, we consented to the entry of an administrative cease and desist order finding violations of Sections 15(c) and 34(b) of the Investment Company Act of 1940 and Sections 206(2) and 206(4) of the Investment Advisers Act, and Rule 206(4)-7 thereunder. We were censured and were ordered to make a reimbursement to the Fund in the amount of \$1,845,074.92 for the amount of advisory fees the Fund paid to AMMB from 1996 until the end of 2007, less a credit of \$543,000 for the portion we had already reimbursed to the Fund. We were also ordered to pay a civil money penalty in the amount of \$1,500,000 to the U.S. Treasury.

We were further ordered to implement and maintain policies and procedures, with respect to the U.S. registered mutual funds for which we serve as investment adviser, specifically governing: (1) the investment advisory contract renewal process; (2) our oversight of certain service providers, including sub-advisers; and (3) our disclosures regarding such service providers. Lastly, we were ordered to certify, in



writing, compliance with the undertakings above, which certification was supported by written evidence of compliance and exhibits.

## **ITEM 10      OTHER FINANCIAL INDUSTRY ACTIVITIES AND AFFILIATIONS**

### **Broker-Dealer Affiliates:**

We are the parent company of Morgan Stanley Distribution, Inc. ("MSDI"), a broker-dealer registered under the Securities Exchange Act of 1934 (the "34 Act") and the Financial Industry Regulatory Authority ("FINRA"). Certain of our management persons are registered representatives of MSDI.

We are also affiliated with Morgan Stanley & Co. LLC ("MS&Co."), Morgan Stanley Smith Barney LLC ("MSSB"), Morgan Stanley Market Products Inc., and Prime Dealer Services Corp., each a registered broker dealer under the 34 Act and with FINRA. We are also affiliated with foreign broker-dealers and financial services companies, including Morgan Stanley & Co. International PLC, Morgan Stanley Securities Ltd., Morgan Stanley MUFG Securities Co., Ltd., Morgan Stanley India Company Private Ltd., Morgan Stanley Asia Ltd., Morgan Stanley Canada Limited, Morgan Stanley Australia Securities Limited, Morgan Stanley Australia Limited, Bank Morgan Stanley AG, HC Securities and Investments, Morgan Stanley, S.V., S.A., Morgan Stanley Huaxin Securities Company Ltd., Block Interest Discovery System (BIDS), Better Alternative Trading System (BATS), RMB Morgan Stanley, HTI Valori Mobiliare S.A., TradeWeb LLC and Olivetree Securities Ltd (hereinafter, together with affiliated broker dealers registered under the 34 Act, collectively referred to as "Affiliated Broker Dealers").

When permitted by applicable law and subject to the considerations set forth in Item 12 "Brokerage Practices", we utilize Affiliated Broker-Dealers to effect portfolio securities, currency exchange, futures and other transactions for our managed accounts. Item 11, "Participation or Interest in Client Transactions" describes in greater detail the manner in which we utilize Affiliated Broker-Dealers to effect client transactions and the conflicts of interest that can arise.

Pursuant to an order issued by the SEC, certain registered investment companies we advise are permitted to engage in principal transactions involving money market instruments with MS&Co., subject to certain conditions, which are intended to avoid possible conflicts of interest.

MSDI serves as distributor, placement agent and/or underwriter for certain registered and unregistered investment companies for which we act as investment adviser and as such, may receive distribution fees pursuant to Rule 12b-1 under the 1940 Act or placement agent fees.

MSDI may pay such fees, in whole or in part, to MSSB and to any other selected dealer, including any other Affiliated Broker-Dealer, with whom MSDI has entered into a selected dealer or placement agent agreement. In addition, any sales charges derived from the purchase or redemption of an investment company managed by us are paid directly to MSSB, or to any of those other selected dealers, including any other Affiliated Broker-Dealer, from which such dealer pays its sales representatives and other costs of distribution.

### **Commodity Trading Advisor/Commodity Pool Operator Registration:**

We are registered with the Commodity Futures Trading Commission as a Commodity Trading Advisor and Commodity Pool Operator and are a member of the National Futures Association ("NFA"). Certain of our management persons and employees are registered with the NFA as our Associated Persons.

**Material Arrangements or Relationships with Affiliates:**

We are a wholly owned subsidiary of Morgan Stanley, a corporation whose shares are publicly held and traded on the New York Stock Exchange under the symbol “MS”. Morgan Stanley is a financial holding company under the Bank Holding Company Act of 1956, as amended. As a result, we are part of a large global financial services and banking group and you may have relationships with our affiliates beyond your relationship with us. In addition, we participate in a Wrap Fee Program in which our affiliate is a Sponsor. These relationships can cause conflicts of interest.

*Investment Advisor Affiliates*

Morgan Stanley AIP GP LP (“MSAIP”), Morgan Stanley Investment Management Limited (“MSIM Ltd”), Morgan Stanley Investment Management (Japan) Co., Ltd. and Morgan Stanley Investment Management Company are each a registered investment adviser under the Advisers Act. Morgan Stanley Investment Management Private Limited and Morgan Stanley Investment Management (Australia) Pty Limited are foreign affiliated investment advisers which are not required to be registered, and are not registered, under the Advisers Act.

Morgan Stanley Investment Management Private Limited (the “Participating Affiliate”) may indirectly provide investment advice or research to certain of our accounts. Certain personnel employed by the Participating Affiliate may indirectly provide investment advice to certain of our accounts in specialties in which they have particular expertise. The Participating Affiliate is subject to our supervision in respect of its provision of services to us and our accounts.

From time to time we may, to the extent permitted by applicable law, delegate some or all of our responsibilities, duties and authority under an investment management agreement to one or more of our affiliated investment advisers. Our affiliated advisers may likewise delegate some or all of their responsibilities, duties and authority to us.

*Investment Companies and Other Pooled Investment Vehicles*

We serve as investment adviser to the Morgan Stanley Funds a U.S. mutual fund complex comprised of several stand alone mutual funds, as well as the following series Funds: Morgan Stanley Institutional Fund, Inc. (“MSIF”), Morgan Stanley Institutional Fund Trust (“MSIF Trust”), The Universal Institutional Funds, Inc. (“UIF”), Morgan Stanley Select Dimensions Investment Series (“Select Dimensions”), Morgan Stanley Variable Investment Series (“VIS”) and the Morgan Stanley Institutional Liquidity Funds, each an open-end investment company registered under the 1940 Act. UIF, Selected Dimensions, and VIS are sold exclusively to insurance companies in connection with variable annuity and/or variable life insurance contracts they issue.

We have an arrangement with Morgan Stanley Institutional Liquidity Funds (mutual funds we advise) pursuant to which uninvested free cash balances in certain client accounts are automatically invested in shares of the portfolios of the Morgan Stanley Institutional Liquidity Funds at the end of each day. Prior to initiating this “sweep” mechanism for a particular client, we disclose the fact that we receive a fee in our capacity as adviser and administrator for the Morgan Stanley Institutional Liquidity Funds. Assets invested in the Morgan Stanley Institutional Liquidity Funds through the “sweep” mechanism will be reduced, to the extent allowed by applicable law, in determining both the fee charged by us for managing the client's account and in determining our fee as adviser and administrator for the Morgan Stanley Institutional Liquidity Funds.

We are the investment adviser and administrator to the following closed-end investment companies registered under the 1940 Act:

Morgan Stanley Asia-Pacific Fund, Inc.  
Morgan Stanley China A Share Fund, Inc.  
Morgan Stanley Emerging Markets Debt Fund, Inc.  
Morgan Stanley Emerging Markets Domestic Debt Fund, Inc.  
Morgan Stanley Emerging Markets Fund, Inc.  
Morgan Stanley India Investment Fund, Inc.  
The Latin American Discovery Fund, Inc.  
The Thai Fund, Inc.  
The Turkish Investment Fund, Inc.  
Morgan Stanley Income Securities, Inc.

In addition, we or our affiliate serves as the administrator for certain of the Morgan Stanley Funds and services as co-transfer agent for the Morgan Stanley Institutional Liquidity funds.

We and certain of our affiliates also act as sub-adviser to registered investment companies which are not sponsored by us in addition to serving as adviser or sub-adviser to off-shore funds, group trusts, limited partnerships and limited liability companies, among others, that are sponsored by our affiliates.

We or our related persons may act as general partner or special limited partner of a limited partnership or managing member or special member of a limited liability company to which we serve as adviser or sub-adviser and in which our clients have been solicited to invest. In some cases, the general partner of a limited partnership is entitled to receive an incentive allocation from a partnership.

Along with Morgan Stanley, we have established procedures intended to identify and mitigate conflicts of interest related to business activities on a worldwide basis. A conflict management officer for each business unit and/or region acts as a focal point to identify and address potential conflicts of interest in their business area. When appropriate, there is an escalation process to senior management within the business unit, and ultimately if necessary to firm management or the firm's franchise committees, for potentially significant conflicts that cannot be resolved by the conflict management officers or that otherwise require senior management review.

### **Miscellaneous**

We outsource certain operations functions to State Street Bank and Trust Company ("State Street"). State Street provides a full range of investment operations outsourcing services including trade settlement, portfolio administration, reporting and reconciliation services. The agreement with State Street demonstrates our continued commitment to delivering best-in-class service to our clients, while allowing us to concentrate on our core competency: institutional asset management.

## **ITEM 11 CODE OF ETHICS, PARTICIPATION OR INTEREST IN CLIENT TRANSACTIONS AND PERSONAL TRADING**

### **Code of Ethics**

We have adopted a Code of Ethics (the "Code") pursuant to Rule 204A-1 under the Advisers Act. Each of our employees is required to acknowledge the Code at the inception of his/her employment and annually thereafter. The Code is designed to make certain that all acts, practices and courses of business engaged in

by our employees are conducted in accordance with the highest possible standards and to prevent abuse, or even the appearance of abuse, by employees with respect to their personal trading and other business activities.

The Code requires all employees to pre-clear trades for covered securities, as defined under the Code, in a personal account. A pre-clearance request generally will be denied if there is an open order for a client in the same security. The Code also imposes holding periods and reporting requirements for covered securities, which includes affiliated and sub-advised U.S. mutual funds. Our employees are prohibited from acquiring any security in an initial public offering or any other public underwriting. Investments in private placements or an employee's participation in an outside business activity must be pre-approved by Compliance and the employee's manager. Certain of our employees who, in connection with job functions, make or participate in making recommendations regarding the purchase or sale of securities or who have real-time knowledge of such recommendations, are held to more stringent standards when placing trades in personal accounts. Violations of the Code are subject to sanction, including reprimand, demotion, suspension or termination of employment.

We will provide you with a copy of the Code upon request.

### **Participation or Interest in Client Transactions**

The following section addresses our trading activities, the various conflicts of interest that can arise, and how such conflicts have been addressed.

### **Broker-Dealer Affiliations**

We do not act as principal or broker in connection with client transactions. We may, however, in the exercise of our discretion under an investment management agreement with a client, effect transactions in securities or other instruments for clients through Affiliated Broker-Dealers which perform all of the activities set forth below.

In connection with transactions in which Affiliated Broker-Dealers will act as principal, we will disclose to you that the trade will be conducted on a principal basis and obtain your consent in accordance with the provisions of and rules under the Advisers Act. We will recommend that you engage in such a transaction only when we believe that the net price for the security is at least as favorable as could have been obtained from another established dealer in such security.

Our recommendations to you may involve securities in which our Affiliated Broker-Dealers, or their officers, employees or other affiliates, have a financial interest. Affiliated Broker-Dealers and their officers, employees and other affiliates, may purchase or sell for their own accounts securities that we recommend to our clients.

If permitted by your investment objectives and guidelines, applicable law, and our policies and procedures concerning conflicts of interest, we may recommend that you purchase, or use our discretion to effect a purchase of, securities during the existence of an underwriting or other public or private offering of such securities involving an Affiliated Broker-Dealer as a manager, underwriter, initial purchaser, or placement agent. Generally, purchases directly from an Affiliated Broker-Dealer during an underwriting must comply with the provisions of the Advisers Act, other applicable laws and our policies and procedures relating to principal transactions. Among other things, we must disclose to you that the transaction involves an affiliate and obtain your consent prior to settlement of each such transaction. Purchases may be from underwriters or placement agents other than an Affiliated Broker-Dealer in distributions in which an Affiliated Broker-Dealer is a manager and/or member of a syndicate or selling group, as a result of which

an Affiliated Broker-Dealer may benefit from the purchase through receipt of a fee or otherwise. Purchases from an Affiliated Broker-Dealer acting as placement agent must meet the requirements of applicable law. In situations in which you have not permitted, or where it is prohibited by law, rule, regulation, we may be unable to purchase securities for your account in an initial or other public or private offering of securities involving an Affiliated Broker-Dealer.

With your consent, and subject to the restrictions imposed on such transactions by applicable law, we will effect portfolio transactions through an Affiliated Broker-Dealer on an agency basis, including transactions in over-the-counter ("OTC") securities, where the Affiliated Broker will act as agent in connection with the purchase and sale of OTC securities from market participants and will charge our clients a commission on the transactions. Since these are agency transactions, there is no mark up or mark down on the price of the security.

We will effect client transactions through an Affiliated Broker-Dealer when, in our judgment, you may thereby obtain the best execution of the transaction. Subject to our duty to seek best execution, we may effect such transactions through an Affiliated Broker Dealer even though the total brokerage commission for the transaction may be higher than that which might have been charged by another broker for the same transaction.

We may effect "agency cross transactions" in which an Affiliated Broker-Dealer acts as agent for both the buyer or seller in the transaction. We will only trade with an Affiliated Broker-Dealer on behalf of a client on an agency cross basis when the client has consented to our effecting such transactions. Any agency cross transaction will be effected in compliance with applicable law, as well as policies and procedures we have designed to prevent and disclose potential conflicts of interest. The Affiliated Broker-Dealer can receive a commission from the seller and the buyer when it executes transactions on an agency cross basis under certain conditions. In effecting an agency cross transaction, we have potentially conflicting divisions of loyalties and responsibilities regarding the parties to the transaction.

We may effect internal "cross" transactions between client accounts in which one client will purchase securities held by another client. Such transactions are entered into generally only when we deem the transaction to be in the best interests of both clients and at a price we have determined by reference to independent market indicators and which we believe to constitute "best execution" for both parties.

We will not engage in cross-trade transactions for an advisory client whose investment management agreement does not explicitly permit the account to engage in cross trades and, as a result, that account may pay higher transaction costs for certain of its portfolio trades and our ability to achieve best execution for that client may be impacted.

While we will seek to ensure that the terms of and cross trades are fair and reasonable, and the transactions are executed in a manner that is in the best interest of the clients involved in the cross trade, clients should be aware that the price of a security bought or sold through a cross trade may not be as favorable as it might have been had the trade been executed on the open market. Neither we nor any related party receives any compensation in connection with such "cross" transactions.

Fixed income instruments typically trade at a bid/ask spread and without an explicit brokerage charge. While there is not a formal trading expense or commission, clients (including Wrap Fee Program clients) will bear the implicit trading costs reflected in these spreads.

We, along with related persons of ours will effect portfolio transactions through an Affiliated Broker-Dealer on behalf of clients in respect of which we are a "fiduciary" as defined in ERISA only on an agency basis and with prior written approval from an independent fiduciary in accordance with the terms of exemptions

available from the Department of Labor, as well as in accordance with the restrictions imposed on such transactions by applicable law.

We may purchase securities on behalf of our ERISA clients from an underwriting or selling syndicate where an Affiliated Broker-Dealer participates as manager, or syndicate members with prior written approval from an independent fiduciary in accordance with the terms of exemptions available from the Department of Labor.

We and our affiliated investment advisers may execute client transactions with broker/dealers that do not have their own clearing facilities and who may clear such transactions through an Affiliated Broker- Dealer. The Affiliated Broker-Dealer will receive a clearing fee for these transactions.

### **ECN and ATS Activities**

Our affiliates have ownership interests in and/or Board seats on electronic communication networks ("ECNs") or other alternative trading systems ("ATSs"). In certain instances our affiliates may be deemed to control one or more of such ECNs or ATSs based on the level of such ownership interests and whether such affiliates are represented on the Board of such ECNs or ATSs. Consistent with our fiduciary obligation to seek best execution, we may, from time to time, directly or indirectly, effect client trades through ECNs or other ATSs in which our affiliates have or may acquire an interest or Board seat. These affiliates may receive an indirect economic benefit based upon their ownership in the ECNs or other ATSs. We will, directly or indirectly, execute through an ECN or other ATSs in which an affiliate has an interest only in situations where we or the broker dealer through whom we are accessing the ECN or ATS reasonably believes such transaction will be in the best interest of its clients and the requirements of applicable law have been satisfied. Currently, our affiliates own over 5% of the outstanding voting securities and/or have a member on the Board of (i) BATS Trading, Inc., operator of BATS Electronic Trading Network (commonly referred to as "BATS") (ii) the entities that own and control the Block Interest Discovery Service (commonly referred to as "BIDS"), (iii) the entity that owns and controls Pure Trading, (iv) Turquoise, (v) TradeWeb Markets LLC, (vi) OTC DOTC-Deriv Limited, (vii) Municenter-thedebtcenter, LLC, (viii) Markit Ltd., (ix) Source Holding Ltd., (x) MTS Denmark, (xi) MTS Associated Markets, (xii) ERIS Exchange Holdings LLC, (xiii) ISWAP Limited, (xiv) Equilend, (xv) Chi-X Global Holdings LLC (CXG), (xvi) Box Holdings Group LLC, (xvii) Euroclear PLC, (xviii) LCH Clearnet Group LTD; (xix) Japan Securities Depository Center Inc.; and (xx) Japan Securities Clearing Corporation. Our affiliates may acquire interests in and/or take Board seats on other ECNs or other ATSs (or increase ownership in the ATS's listed above) in the future.

Our affiliates receive cash credits from certain ECNs and ATSs for orders that provide liquidity to their books. Such ECNs and ATSs also charge explicit fees for orders that extract liquidity from their books. From time to time, the amount of credits that our affiliates receive from one or more ECN or ATS may exceed the amount that is charged. Under these limited circumstances, such payments would constitute payment for order flow.

EquiLend also provides securities loan transaction processing and reporting services to State Street, which serves as securities lending agent for certain clients. Because an affiliate of ours owns a non-controlling interest in EquiLend, we and our affiliates may benefit from State Street's use of EquiLend's services.

### **Services to Issuers Activities**

Along with our affiliates, we provide a variety of services for, and render advice to, various clients, including issuers of securities that we may recommend for purchase or sale by clients. In the course of providing these services, we and our affiliates may come into possession of material, nonpublic information

which might affect our ability to buy, sell, or hold a security for a client account. Investment research materials disclose that our related persons may own, and may effect transactions in, securities of companies mentioned in such materials and also may perform or seek to perform investment banking services for those companies. In addition, directors, officers and employees of our affiliates may have Board seats and/or have Board observer rights with private and/or publicly traded companies in which we invest on behalf of our client accounts. Along with our affiliates, we have adopted policies and procedures and created information barriers that are reasonably designed to prevent the flow of any material nonpublic information regarding these companies between us and our affiliates. Directors, officers and employees of ours may also take Board seats or have Board observer rights with companies in which we invest on behalf of our clients. Generally we only do so with respect to private (not publicly traded) companies. To the extent a director, officer or employee were to take a Board seat or have Board observer rights in a public company, we (or certain of our investment teams) would be limited and/or restricted in our ability to trade in the securities of the company to the extent we (or certain of our investment teams) possessed or were deemed to possess material nonpublic information regarding the company.

### **Investment Banking Activities**

We believe that the nature and range of clients to whom our Affiliated Broker-Dealers render investment banking and other services is such that it would be inadvisable to exclude these companies from a client's portfolio. Accordingly, unless you advise us to the contrary, it is likely that your holdings will include the securities of corporations for whom our Affiliated Broker-Dealers perform investment banking and other services. Moreover, your portfolios may include the securities of companies in which our Affiliated Broker-Dealers make a market or in which we, our officers and employees and our Affiliated Broker-Dealers or other related persons and their officers or employees have positions.

To meet applicable regulatory requirements, there are periods when we will not initiate or recommend certain types of transactions in the securities of companies for which an Affiliated Broker Dealer is performing investment banking services. You will not be advised of that fact. In particular, when an Affiliated Broker-Dealer is engaged in an underwriting or other distribution of securities of a company, we may be prohibited from purchasing or recommending the purchase of certain securities of that company for our clients. Notwithstanding the circumstances described above, you, on your own initiative, may direct us to place orders for specific securities transactions in your account. In addition, we generally will not initiate or recommend transactions in the securities of companies with respect to which our affiliates may have controlling interests or are affiliated.

### **Investment Limits**

Various federal, state or foreign laws, rules and regulations, as well as certain corporate charters adopted by issuers in which we may invest, limit the percentage of an issuer's securities that may be owned by us and our affiliates. We are more likely to run into these limitations than investment advisers with fewer assets under management and/or that are not affiliated with a large financial institution or Financial Holding Company. In certain instances, for purposes of these ownership limitations, our holdings on behalf of our client accounts will be aggregated with the holdings of our affiliates. These ownership limitations may be in the form of, among others: (i) a strict prohibition against owning more than a certain percentage of an issuer's securities (the "threshold"); (ii) a "poison pill" that would have a material dilutive impact on our holdings in that issuer should we and our affiliates exceed the threshold; (iii) provisions that would cause us and our affiliates to be considered "interested stockholders" of an issuer if we and our affiliates exceed the threshold; and (iv) provisions that may cause us and our affiliates to be considered an "affiliate" or "control person" of the issuer. We will generally avoid exceeding the threshold in these situations. With respect to situations in which we and our affiliates may be considered "interested stockholders" (or a similar term), we will generally avoid exceeding the threshold because if we were considered an interested stockholder, we,

along with our affiliates would be prohibited (in some cases absent Board and/or shareholder approval) from entering into certain transactions or performing certain services (including investment banking, financial advisory and securities lending) with or for the issuer. We will also generally avoid exceeding a threshold in situations in which we may be considered an affiliate of the issuer for the reasons set forth above, as well as the fact that should we be considered an affiliate of an issuer, our ability to trade in the issuer's securities would become limited.

### **Investments in Other MSIM Investment Funds**

When permitted by applicable law and the investment guidelines applicable to individual client accounts, and considered by us to be in the best interests of a client, we may recommend to you, and invest the assets of your accounts in various closed-end and open-end investment companies and other pooled investment vehicles for which we or our affiliates receive compensation for advisory, administration, or other services.

In certain circumstances, when required by applicable law or by agreement with you, we may waive our investment management fee with respect to assets invested in pooled investment vehicles to the extent of some or all of the compensation received by us and our affiliates for services rendered with respect to such pooled investment vehicles.

### **Investment Management Activities**

It is possible that our officers or employees may buy or sell securities or other instruments that we have purchased on behalf of or recommended to clients. Moreover, we may purchase and sell on behalf of or recommend to clients the purchase or sale of securities in which we or our officers, employees or related persons have a financial interest. These transactions are subject to our policies and procedures regarding personal securities trading, as well as to the requirements of the Advisers Act, the 1940 Act and other applicable laws. Our policies and procedures, the Advisers Act and the 1940 Act require that we put your interests before our own.

From time to time, various potential and actual conflicts of interest may arise from the overall advisory, investment and other activities of us, and our affiliates, and personnel (each, an "Advisory Affiliate" and, collectively, the "Advisory Affiliates").

The Advisory Affiliates may manage long and short portfolios. The simultaneous management of long and short portfolios creates potential conflicts of interest in portfolio management and trading in that opposite directional positions may be taken in client accounts managed by the same investment team, and creates potential risks such as (i) the risk that short sale activity could adversely affect the market value of long positions in one or more portfolios (and vice versa) and (ii) the risks associated with the trading desk receiving opposing orders in the same security simultaneously. The Advisory Affiliates have adopted policies and procedures that are reasonably designed to mitigate these potential conflicts. The Advisory Affiliates may invest on behalf of themselves in securities and other instruments that would be appropriate for, held by, or may fall within the investment guidelines of the mutual funds and/or managed accounts managed by them (collectively, the "Advisory Clients"). The Advisory Affiliates may give advice or take action for their own accounts that may differ from, conflict with or be adverse to advice given or action taken for any of the Advisory Clients.

Potential conflicts also may arise due to the fact that certain securities or instruments may be held in some Advisory Clients but not in others, or the Advisory Clients may have different levels of holdings in certain securities or instruments, and because the Advisory Clients may pay different levels of fees to us. In addition, an Advisory Affiliate may give advice or take action with respect to the investments of one or more Advisory Clients that may not be given or taken with respect to other Advisory Clients with similar



investment programs, objectives, and strategies. Accordingly, Advisory Clients with similar strategies may not hold the same securities or instruments or achieve the same performance. The Advisory Affiliate also may advise Advisory Clients with conflicting programs, objectives or strategies.

Any of the foregoing activities may adversely affect the prices and availability of other securities or instruments held by or potentially considered for one or more Advisory Clients. Finally, the Advisory Affiliates may have conflicts in allocating their time and services among their Advisory Clients. We will devote as much time to each of our Advisory Clients as we deem appropriate to perform our duties in accordance with our respective management agreements.

Different clients of ours, including funds advised by us or an affiliate, may invest in different classes of securities of the same issuer, depending on their respective client's investment objectives and policies. As a result, we may at times seek to satisfy our fiduciary obligations to certain clients owning one class of securities of a particular issuer by pursuing or enforcing rights on behalf of those clients with respect to such class of securities, and those activities may have an adverse effect on another client, which owns a different class of securities of such issuer. For example, if one client holds debt securities of an issuer and another client holds equity securities of the same issuer, if the issuer experiences financial or operational challenges, we may seek a liquidation of the issuer on behalf of the client that holds the debt securities, whereas the client holding the equity securities may benefit from a reorganization of the issuer. Thus, the actions taken on behalf of one client may negatively impact securities held by another client. We have adopted procedures pursuant to which conflicts of interest, including those resulting from the receipt of material nonpublic information about an issuer, are managed by our employees through information barriers and other practices.

We, or our affiliates, may pursue acquisitions of assets and businesses and identify an investment opportunity in connection with its existing businesses or a new line of business without first offering the opportunity to fund of funds clients. Such an opportunity could include a business that competes with a fund of funds or an investment fund or a Co-Investment in which a fund of funds client has invested or proposes to invest.

From time to time, we may be retained to manage assets on behalf of a client that is a public or private company in which we have invested or may invest on behalf of our mutual funds and other client accounts.

### **General Process with Potential Conflicts**

All of the transactions described above involve the potential for conflicts of interest between us or related persons of ours and our clients. The Advisers Act, the 1940 Act and ERISA impose certain requirements designed to decrease the possibility of conflicts of interest between an investment adviser and its clients. In some cases, transactions may be permitted subject to fulfillment of certain conditions. Certain other transactions may be prohibited. In addition, we have instituted policies and procedures designed to prevent conflicts of interest from arising and, when they do arise, to ensure that it effects transactions for clients in a manner that is consistent with its fiduciary duty to its clients and in accordance with applicable law. We seek to ensure that potential or actual conflicts of interest are appropriately resolved taking into consideration the overriding best interest of the client.

Certain of our employees and related persons have been designated to review transactions in which conflicts of interest may exist, including those described above, to ensure that the applicable policies and legal or regulatory requirements are duly followed.

## **ITEM 12      BROKERAGE PRACTICES**

In selecting a broker-dealer to execute trades on behalf of clients, we have the obligation to seek "best execution" for client transactions (i.e., the most favorable price and execution). In seeking best execution, we are not obligated to choose the broker-dealer offering the lowest available commission rate if, in our reasonable judgment, (i) there is material risk that the overall cost to purchase securities will be higher or the proceeds from the sale of securities will be lower; (ii) a higher commission is justified by the trading or research services provided by the broker-dealer that fall within the safe harbor of Section 28(e) of the 1934 Act, or (iii) other considerations, such as the order size, the time required for execution, the depth and breadth of the market for the security, minimum credit quality requirements to transact business with a particular broker-dealer, or the quality of the broker-dealer's back office dictate utilizing a different broker-dealer.

The commission rates paid by client accounts which prohibit the generation of soft dollars ("Execution Only Accounts") are not reduced below the rates paid by client accounts which generate soft dollars. Typically, Execution Only Accounts are included in "block" trades executed on behalf of all client accounts buying or selling the same security on the same day. Accordingly, notwithstanding the fact that soft dollars are not generated from the trades effected for Execution Only Accounts, clients prohibiting soft dollars will be paying the same commission rate paid by other clients included in the block trade which, as explained above, may be a higher commission rate than another broker would have charged.

When selecting an approved broker-dealer (including an affiliate) to execute securities transaction, the trading desk may consider the following factors:

- Reliability, integrity and reputation in the industry (which may include a review of financial information and credit worthiness);
- Execution capabilities, including block positioning, speed of execution and quality and responsiveness of its trading desk;
- Knowledge of and access to the markets for the securities being traded;
- Potential ability to obtain price improvement;
- Ability to maintain confidentiality;
- Ability to handle non-traditional trades;
- Commission and commission-equivalent rates;
- Technology infrastructure;
- Clearance and settlement capabilities; and
- Such other factors as may be appropriate.

### **Soft Dollars – Commission Management Program**

Along with our Affiliated Advisers, we have established commission sharing arrangements under a Commission Management Program (the "CMP") pursuant to which execution and research commissions are tracked separately in accordance with applicable laws, rules, and regulations of the relevant jurisdictions.

Approved Equity CMP Partner Brokers are those executing brokers with which we or our Affiliated Advisers have agreement(s) to accrue research commission credits for the benefit of clients. Over a certain time period, the research credits are pooled at the Approved Equity CMP Brokers and a third party vendor (also known as the CMP Aggregator) who will, under our supervision, act as the administrator of certain CMP related activities which may include reconciliation of research credits with brokers, as well as holding research credits in an account for purposes of distribution to applicable research providers at a later time. These research credits are subsequently used to pay for eligible research services.

Under the CMP, we maintain an Approved Equity Research Provider list and select research providers from this list to provide eligible research services. An Approved Equity Research Provider may be an executing brokerage firm or an independent research provider. Eligible research services provided by Approved Equity Research Providers are paid for upon instruction by us. We, and our Affiliated Advisers, utilize a voting system and make a good faith determination of the value of the research services provided in accordance with Section 28(e) of the Exchange Act, Financial Conduct Authority rules and other relevant regulatory requirements. Generally, we will direct an Approved Equity CMP Partner Broker and/or a CMP Aggregator to issue payments corresponding to the outcome of this evaluation process. The research credits are pooled among us and our Affiliated Advisers and allocated on behalf of both us and our Affiliated Advisers for the benefit of our clients. Likewise, the research services obtained under the CMP are shared among us and our Affiliated Advisers.

Those costs not decoupled, but retained by the broker-dealer, directly pay for proprietary research services in accordance with Section 28(e) of the 1934 Act. Such transactions include equity transactions executed on an agency basis.

To the extent that personnel employed by us are also employed by one or more Affiliated Advisers and they are authorized to exercise investment discretion on behalf of another Affiliated Adviser, transactions involving client accounts managed by two or more Affiliated Advisers may be aggregated and executed using the services of broker-dealers that provide brokerage and research services so long as all client accounts involved in the transaction benefit from one or more of the services offered by such broker-dealer.

The research services received include those of the nature described above and other services which aid us in fulfilling our investment decision making responsibilities, including (a) furnishing advice as to the value of securities, the advisability of investing in, purchasing or selling securities, and the availability of securities or purchasers or sellers of securities; and (b) furnishing analyses and reports concerning issuers, industries, securities, economic factors and trends, portfolio strategy and the performance of accounts. Where a particular item (such as proxy services) has both research and non-research related uses, we will make a reasonable allocation of the cost of the item between research and non-research uses and will only pay for the portion of the cost allocated to research uses with client brokerage transactions.

Certain investment professionals and other employees of ours are also officers of Affiliated Advisers and may provide investment advisory services to clients of such Affiliated Advisers. Research services furnished or paid for by brokers through whom we effect transactions for a particular account may be used by us or our Affiliated Advisers in servicing their other accounts and not all such services may be used for the benefit of the client which pays the brokerage commission which results in the receipt of such research services. Commissions paid to brokers providing research services may be higher than those charged by brokers not providing research services, or not part of the CMP. We and our Affiliated Advisers make a good faith determination of the value of research services in accordance with Section 28(e) of the 1934 Act, UK Financial Conduct Authority Rules that also may apply and other relevant regulatory requirements.

Our personnel also provide research and trading support to personnel of certain Affiliated Advisers. Research related costs may be shared by Affiliated Advisers and may benefit the clients of such Affiliated Advisers. Research services that benefit us may be received in connection with commissions generated by clients of our Affiliated Advisers. Similarly, research services received in connection with commissions generated by our clients may benefit Affiliated Advisers and their clients. Moreover, research services provided by broker-dealers through which we effect transactions for a particular account may be used by us and/or an Affiliated Adviser in servicing its other accounts and not all such research services may be used for the benefit of the particular client, which pays the brokerage commission giving rise to the receipt of such research services.

## **Trade Allocations**

Investment decisions for each client are made based on the individual investment mandate for each client, and in each client's best interest. We may, however, purchase or sell the same securities or instruments for a number of client accounts, including clients of our affiliates, simultaneously. These accounts may include pooled vehicles, including partnerships and investment companies for which we, along with related persons of ours, act as general partner, investment manager and/or administrator. They may also include accounts in which our officers, employees or related persons of ours have a financial interest, and accounts of deferred compensation and/or retirement plans covering our employees and those of our affiliates ("Proprietary Accounts"). As a general rule, contemporaneous orders placed on behalf of eligible clients in the same security will be blocked in a single order if the terms of the order are the same (e.g., orders at market price), to facilitate best execution and to reduce brokerage costs.

We effect block transactions in a manner designed to ensure that no participating client, including any Proprietary Account, is favored over any other client. Specifically, all eligible accounts participating in a block trade receive the average price for transactions executed for that order.

Block trades are allocated to eligible client accounts in a fair and equitable manner. In general, accounts that participate in a block transaction will participate on a pro rata or other objective basis. Pro rata allocation of equity securities will generally consist of allocation based on the order size of a participating client account in proportion to the size of the orders placed for other accounts participating in the block trade.

Notwithstanding the foregoing, we may increase or decrease the amount of securities allocated to each account participating in a block trade if necessary to avoid holding odd-lot or small numbers of shares for particular clients. Additionally, if we are unable to fully execute a block transaction and we determine that it would be impractical to allocate a small number of securities among the accounts participating in the transaction on a pro rata basis, we may allocate such securities in a manner determined in good faith to be a fair allocation.

Generally, with respect to fixed income securities and other instruments, we seek to allocate partial fills in a fair and equitable basis. However, due to the limited supply of certain securities and the differing portfolio characteristics among accounts, we may allocate such securities and other instruments using a method other than pro rata, based upon pre-determined criteria. These allocations are made in the good faith judgment of us with a goal of ensuring that fair and equitable allocation will occur over time.

Trades are allocated to Wrap Fee Programs accounts in a manner that is equitable and consistent with MSIM's fiduciary duty to its clients (which may include pro rata allocation, random allocation or rotation allocation.)

## **Wrap Fee Program**

With respect to our provision of services under Wrap Fee Programs, we seek to treat all clients in a fair and equitable manner over time in relation to all other of our similarly situated advisory clients, including with respect to trade rotations and communication of recommendations.

MSIM will execute its trade allocation procedures in a manner that is consistent with the fiduciary obligations owed by it to its advisory clients. Such trade allocation procedures may result in trading for MSIM's advisory clients occurring simultaneously with or prior to MSIM's provision of the applicable models, recommendations or updates to one or more Wrap Fee Program Sponsors. Accordingly, trading for Wrap Fee Program clients may occur after trading for similarly managed accounts over which MSIM exercises trading authority and the trading for MSIM's other accounts could negatively affect the prices received by Wrap Fee Program clients.

In certain programs, rather than "wrap" our fees for investment advisory services together with the Sponsor's fees for brokerage, custody and other services, we enter into an investment advisory contract directly with the Program Sponsor's clients and receive our investment advisory fee directly from those clients. Because the clients have also entered into an agreement with the Sponsor to provide for brokerage and other services at a fixed cost or rate, we will place most or all trades for those clients through the Sponsor.

Fixed income instruments typically trade at a bid/ask spread and without an explicit brokerage charge. While there is not a formal trading expense or commission, clients (including Wrap Fee Program clients) will bear the implicit trading costs reflected in these spreads.

A client may impose reasonable restrictions on the management of their account. In most Wrap Fee Programs, the Sponsor or overlay manager is responsible for implementing client restrictions and guidelines. In those Wrap Fee Programs in which we are responsible for implementing client restrictions and guidelines, a client may name either specific securities or a category (e.g., tobacco companies, gambling stocks) that includes specified securities that may not be purchased for the account. The client is responsible for identifying any security or group of securities which may not be held in the account. If a client identifies a category of restricted securities without identifying the underlying companies of which the category is comprised or a source for identifying such underlying companies, we may utilize outside service providers to identify the universe of companies that will be considered in such category. When a security is required to be sold or is restricted from being purchased for an account, this may adversely affect the account's performance and cause it not to track the performance of the managers' investment disciplines.

The change of the classification of a company, the grouping of an industry or the credit rating of a security may force us to sell securities in a client's account at an inopportune time, possibly causing a taxable event to the client. The ability to restrict investments does not apply to and does not affect the purchase policies of, or underlying securities held by, any mutual funds, ETFs or other commingled vehicles. Consequently, to the extent that there are any such commingled vehicles in an account, the client's ability to restrict the investments in an account will be limited.

Typically, the terms of each client's account in a Wrap Fee Program is governed by the client's agreement with the Sponsor and disclosure document for each Wrap Fee Program. Wrap Fee Program clients are urged to refer to the appropriate disclosure document and client agreement for more information about the Wrap Fee Program, MSIM's advisory services and fees. The fees for a Wrap Fee Program may result in higher costs than a client would otherwise realize by paying our standard advisory fees and negotiating separate arrangements for trade execution, custodial and consulting services.

### **Directed Brokerage**

Limitations on our authority may vary depending upon the desires of each individual client. We, from time to time, have both Discretionary Clients (clients who have authorized us to execute transactions for their accounts without prior approval), as well as Non-Discretionary clients (clients who require that each securities transaction be authorized by them in advance). In either group, clients may limit our authority by: (1) requiring that certain securities transactions be authorized by them in advance, or (2) prohibiting or limiting the purchasing of certain securities or industry groups. In addition, a client may further limit our authority by requiring that all or a portion of the client's transactions be executed through the client's designated broker-dealer ("Designated Broker") and/or restricting us from executing the client's transactions through a particular broker-dealer.

In situations where a client directs or restricts brokerage for their accounts ("Directed/Restricted Trades"), because the client has placed limitations on the selection of broker-dealers to execute Directed/Restricted Trades, we may be unable to obtain best execution for such trades. We will direct to the Designated Brokers only agency transactions for the account that involve securities listed or quoted on a national securities exchange; a client direction may restrict our ability to obtain as favorable a transaction price or commission rate as we might otherwise be able to obtain; the account may forego benefits from savings on execution costs that may otherwise be obtained, most notably by aggregating brokerage orders for various client accounts; if a Designated Broker is not on our approved list of brokers, there may be additional credit and/or settlement risk for such trades; we will not be obligated to, and in most cases will not, negotiate with a Designated Broker to obtain commission rates more favorable or otherwise different than those to which the client has agreed; a Directed/Restricted Trade, may result in a client account paying higher or otherwise different commissions than other clients of ours for transactions in the same security; and where we effect a transaction through a Designated Broker pursuant to a Directed/Restricted Trade, we may effect such transaction after it has effected transactions in the same security for client accounts for which we have discretion to select the broker and trading venue. Where a client has directed brokerage for its account and maintains that we remain subject to best execution, if eligible we may aggregate those directed trades along with trades executed for other client accounts through the broker-dealer that we believe will offer the best execution for such transaction and, thereafter, instruct such broker-dealer to "step-out" or allocate a portion of the trades to the client's Designated Broker for billing and settlement. In other instances, where (i) the client has waived our best execution obligation and has been informed of the consequences of doing so; (ii) the client has represented to us that it has independently determined best execution; or (iii) we have determined that the trade is consistent with our obligation to seek best execution, Directed/Restricted Trades may not be aggregated or "blocked" for execution with transactions in the same securities for other clients and may be traded after the order for the other client accounts has been completed. As a result, such clients may pay higher commissions or receive less favorable net prices than would be the case if we were authorized to choose the broker and trading venue through which to execute transactions for the client's account.

In situations in which a client has restricted or prohibited trading by us through our affiliated broker-dealer (or other broker-dealers) and we determine, subject to our obligation to seek best execution, to place a trade through that affiliated (or other) broker-dealer on behalf of our other client accounts, the restricted or prohibited trades may not be aggregated or "blocked" for execution with transactions in the same securities for other clients and may be traded after the order for the other client accounts has been completed. As a result, such clients may pay higher commissions or receive less favorable net prices than would be the case if we were authorized to execute such trades through our affiliated (or other) broker-dealer for the client's account.

If we agree to satisfy your direction to execute transactions for your account through Designated Brokers, you may be required to confirm that: (i) your direction is suitable and appropriate in respect of the account and you have not relied on investment advice from us (or any affiliate of ours) in connection with your direction; (ii) all services provided by any Designated Broker will inure solely to the benefit of the account and any beneficiaries of the account, are proper and permissible expenses of the account, and may properly be provided in consideration for brokerage commissions or other remuneration paid to such Designated Broker in connection with securities transactions effected for the account; (iii) any client direction to use a Designated Broker will be in the best interests of the account and any beneficiaries of the account, taking into consideration the services provided to the account by such Designated Broker; (iv) your direction will not conflict with any obligations that persons acting for the account may have to the account, its beneficiaries or any third parties, including any fiduciary obligations that persons acting for the account may have to obtain best price and execution for the account and its beneficiaries; and (v) persons acting for the account have the requisite power and authority to provide the client directions set forth therein on behalf of the account and have obtained all consents, approvals or authorizations from any beneficiaries of the

account and third parties that may be required under applicable law or any of the client's governing documents.

We have adopted a Directed Brokerage Policy designed to balance the needs and requests of clients that have Directed/Restricted trades with those clients who do not partake in directed or restricted brokerage programs. Under our Directed Brokerage Policy: (i) only certain types of orders qualify for directed brokerage and (ii) Designated Brokers may only charge (or recapture) that part of the bundled commission that is consistent with the services being provided to us. In certain instances you may negotiate directed brokerage arrangements that differ from our Directed Brokerage Policy. Requests for such arrangements are addressed by us on a case by case basis.

### **ITEM 13      REVIEW OF ACCOUNTS**

Our portfolio managers generally review all accounts on a daily basis. Accounts are reviewed for a number of factors, including but not limited to, performance, sector and asset allocation, adherence to investment policies and strategies and specific security ownership, all within the context of client guidelines and objectives.

If we manage your money as a separate account, you are provided reports of transactions as they are effected (if you request), portfolio valuations and summaries of portfolio changes on a quarterly basis or as otherwise negotiated with you. Additionally, we will meet with you quarterly, annually or as requested to discuss the performance of your account, our management of your account, and any other issues of concern to you. We will provide additional reports or information to you upon request.

With respect to model portfolios offered through our Wrap Fee Program, models are generally reviewed on a daily basis.

### **ITEM 14      CLIENT REFERRALS AND OTHER COMPENSATION**

We have compensated, and may continue to compensate, affiliates and unrelated third parties for client referrals in accordance with Rule 206(4)-3 of the Advisers Act. The compensation paid to any such entity will typically consist of a cash payment stated as a percentage of our advisory fee, but may include cash payments determined in other ways.

We are also referred advisory clients by unaffiliated consultants that are retained by clients or prospective clients. While we do not make payments for solicitations or client referrals to these consultants, we make cash payments to participate in conferences sponsored by such consultants to obtain information about industry trends and client investment needs. We may also purchase products or services from the consultants and/or their affiliates.

These arrangements may cause referrals to us by these affiliates and other third parties for reasons other than the party's best interest.

### **ITEM 15      CUSTODY**

We may be deemed to have "custody" of client assets in a variety of circumstances, and in each case we will comply with the custody requirements under the Advisers Act. We have custody of client assets any time that we have authority or ability to obtain possession of client assets. We

may be deemed to have custody of the assets of the funds for which an affiliate serves as general partner or for which we or an affiliate serves as the managing member or otherwise has the authority or ability to obtain possession of fund assets. In those cases, the funds provide audited financial statements on an annual basis in accordance with applicable law. Additionally, where we are deemed to have custody over other advisory client accounts, clients will receive quarterly account statements from the qualified custodian for such account. Clients should carefully review the account statements received from the qualified custodian and compare them to statements received from us. If a client elects to retain our affiliate, MSSB, to act as qualified custodian of its account we may be deemed to have "custody" of those assets as well. We may also be deemed to have "custody" over our client accounts from which we are authorized to deduct fees or other expenses.

With respect to Wrap Fee Program clients, we may be deemed to have custody of assets if we contract directly with the Wrap Fee Program clients for services or if an affiliate of MSIM acts as Sponsor of the Wrap Fee Program. In such cases, the Sponsor or a qualified custodian will send required periodic account statements to the Wrap Fee Program client.

#### **ITEM 16      INVESTMENT DISCRETION**

We typically receive discretionary authority to select the identity and amount of securities to be bought or sold at the time we establish an advisory relationship with you. In all cases, however, such discretion is exercised in a manner consistent with your stated investment objectives and guidelines. As discussed under Item 12 of this Brochure, you may impose certain limitations on our use of broker-dealers. Other limitations may be negotiated between us and you on a case-by-case basis.

When selecting securities and determining amounts we adhere to the investment policies, limitations and restrictions established in the investment management agreement. For registered investment companies, our authority to trade securities may also be limited by certain federal securities and tax laws that require diversification of investments and favor the holding of investments once made.

#### **ITEM 17      VOTING CLIENT SECURITIES**

We use our best efforts to vote proxies as part of our authority to manage acquire and dispose of account assets. With respect to our Morgan Stanley registered management investment companies (the "Morgan Stanley Funds"), we vote proxies under the MSIM Proxy Voting Policies and Procedures (the "Policy") pursuant to authority granted under the applicable investment advisory agreement or, in the absence of such authority, as authorized by the Board of Directors/Trustees of the Morgan Stanley Funds. We will not vote proxies unless the investment management or investment advisory agreement explicitly authorizes us to vote proxies.

We and our affiliates will vote proxies in a prudent and diligent manner and in the best interests of clients, including beneficiaries of and participants in a client's benefit plan(s) for which we manage assets, consistent with the objective of maximizing long-term investment returns (the "Client Proxy Standard"). In certain situations, you may provide us with a proxy voting policy. In these situations, we will comply with your policy. In addition to voting proxies at portfolio companies, MSIM routinely engages with the management and may also engage with the board, of companies in which we invest on a range of governance issues. Governance is a window into or proxy for management and board quality. MSIM engages with companies where we have larger positions, voting issues are material or where we believe we can make a positive impact on the governance structure. MSIM's engagement process, through private



communication with companies, allows us to understand the governance structures at investee companies and better inform our voting decisions.

The Policy addresses a broad range of issues, and provides general voting parameters on proposals that arise most frequently. However, details of specific proposals vary, and those details affect particular voting decisions, as do factors specific to a given company. We endeavor to integrate governance and proxy voting policy with investment goals, using the vote to encourage portfolio companies to enhance long-term shareholder value and to provide a high standard of transparency such that equity markets can value corporate assets appropriately.

We seek to follow the Client Proxy Standard for each client. At times, this may result in split votes, for example when different clients have varying economic interests in the outcome of a particular voting matter (such as a case in which varied ownership interests in two companies involved in a merger result in different stakes in the outcome). We also may split votes at times based on differing views of portfolio managers.

We may abstain on matters for which disclosure is inadequate. We usually support routine management proposals except for certain “other business” and “meeting adjournment” proposals.

Votes on director nominees can involve balancing a variety of consideration, including those related to board and board committee independence, term length, whether nominees may be overcommitted, director attendance and diligence, director skills and the balance of expertise on the board, financial knowledge and experience, executive and director remuneration practices, and board responsiveness. We consider withholding support from or voting against a nominee if it believes a direct conflict exists between the interests of the nominee and the public shareholders, including failure to meet fiduciary standards of care and/or loyalty. We may oppose directors where we conclude that actions of directors are unlawful, unethical or negligent. We consider opposing individual board members or an entire slate if we believe the board is entrenched and/or dealing inadequately with performance problems; if we believe the board is acting with insufficient independence between the board and management; or if we believe the board has not been sufficiently forthcoming with information on key governance or other material matters.

We examine a range of issues—including proxy contests and proposals relating to mergers, acquisitions and other special corporate transactions--on a case-by-case basis in the interests of each client. We support substantial management/board discretion on capital structure, but within limits that take into consideration articulated uses of capital, existence of preemptive rights, and certain shareholder protections provided by market rules and practices. We are generally supportive of reasonable shareholder rights.

We vote on advisory votes on executive pay on a case-by-case basis. We generally support equity compensation plans if we view potential dilution/cost and burn rates as reasonable, and if plan provisions sufficiently protect shareholder interests. We also support appropriately structured bonus and employee stock purchase plans.

We consider social and environmental shareholder proposals on a case-by-case basis.

**Process:** An MSIM Proxy Review Committee (the “Committee”) has overall responsibility for the Policy. Because proxy voting is an investment responsibility and impacts shareholder value, and because of their knowledge of companies and markets, portfolio managers and other members of investment staff play a key role in proxy voting, although the Committee has final authority over proxy votes.

The Committee meets at least quarterly, and reviews and considers changes to the Policy at least annually. If the Director of Corporate Governance determines that an issue raises a material conflict of interest, the

Director may request a special committee to review, and recommend a course of action with respect to, the conflict(s) in question.

***Further Information:*** You may contact your Client Representative or Financial Advisor for information on how to obtain a copy of the Policy or proxy voting records. In the case of registered investment companies we advise, the fund's proxy voting records filed with the SEC is available (i) without charge by accessing the Mutual Fund Center on our web site at [www.morganstanley.com/funds](http://www.morganstanley.com/funds) and (ii) on the SEC's web site at [www.sec.gov](http://www.sec.gov).

## **ITEM 18      FINANCIAL INFORMATION**

Registered investment advisers are required in this Item to provide you with certain financial information or disclosures about our financial condition. We are not aware of any financial condition that impairs our ability to meet contractual and fiduciary commitments to you, and has not been the subject of a bankruptcy proceeding.

## **Applied Equity Advisors (AEA)**

Mr. Andrew H. Slimmon  
Mr. Phillip P. Kim

**Andrew H. Slimmon**

**Morgan Stanley Investment Management Inc.**

**440 South LaSalle Street  
Chicago, IL 60605**

**312-706-4544**

**September 30, 2015**

**This brochure supplement provides information about Andrew H. Slimmon that supplements the Form ADV brochure of Morgan Stanley Investment Management Inc. (“Adviser”). You should have received a copy of that brochure. Please contact your Financial Advisor if you did not receive Adviser’s brochure or if you have any questions about the contents of this supplement. Additional information about Adviser also is available on the SEC’s website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).**

Schedule 2B  
Form ADV Brochure Supplement  
September 30, 2015

**Item 2: Educational Background and Business Experience**

*Name:* **Andrew H. Slimmon**

*Year of birth:* 1963

*Education*

1991 University of Chicago, M.B.A.

1986 University of Pennsylvania, B.A.

*Business Background*

2015 – Present **Morgan Stanley Investment Management Inc.**, Managing Director, lead senior Portfolio Manager for Applied Equity Advisors.

2009 – 2015 **Morgan Stanley Smith Barney**, Managing Director, Portfolio Management.

**Item 3: Disciplinary Information**

We are required to disclose all material facts regarding any legal or disciplinary events that would be material to your evaluation of each supervised person providing investment advice. There is no information applicable to this Item with respect to Mr. Slimmon.

**Item 4: Other Business Activities**

Mr. Slimmon is not actively engaged in any business or occupation (including any investment-related business or occupation) other than his job function with Morgan Stanley Investment Management Inc.

**Item 5: Additional Compensation**

Mr. Slimmon receives no compensation other than the compensation he receives in connection with his job function with Morgan Stanley Investment Management Inc.

**Item 6: Supervision**

Michael Levy, Managing Director is responsible for supervising the advisory activities of Mr. Slimmon and monitoring the investment advice that he provides to the clients of the Adviser. Mr. Slimmon is required to comply with Adviser's code of ethics, securities disclosure policy, and its compliance policies and procedures and any other policies and procedures adopted by Adviser from time to time. Mr. Slimmon's supervisor is available at (212) 296-0678.

**Phillip P. Kim**

**Morgan Stanley Investment Management Inc.**

**440 South LaSalle Street  
Chicago, IL 60605**

**312-706-4544**

**September 30, 2015**

**This brochure supplement provides information about Phillip P. Kim that supplements the Form ADV brochure of Morgan Stanley Investment Management Inc. (“Adviser”). You should have received a copy of that brochure. Please contact your Financial Advisor if you did not receive Adviser’s brochure or if you have any questions about the contents of this supplement. Additional information about Adviser also is available on the SEC’s website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).**

Schedule 2B  
Form ADV Brochure Supplement  
September 30, 2015

**Item 2: Educational Background and Business Experience**

*Name:* **Phillip P. Kim**

*Year of birth:* 1973

**Education**

2006 University of Chicago, M.B.A.

2001 John Hopkins University, M.S.

1996 University of Virginia, B.S.

**Business Background**

2015 – Present **Morgan Stanley Investment Management Inc.**, Executive Director, Portfolio Manager for Applied Equity Advisors.

2009 – 2015 **Morgan Stanley Wealth Management.**, Executive Director, Portfolio Management.

**Item 3: Disciplinary Information**

We are required to disclose all material facts regarding any legal or disciplinary events that would be material to your evaluation of each supervised person providing investment advice. There is no information applicable to this Item with respect to Mr. Kim.

**Item 4: Other Business Activities**

Mr. Kim is not actively engaged in any business or occupation (including any investment-related business or occupation) other than his job function with Morgan Stanley Investment Management Inc.

**Item 5: Additional Compensation**

Mr. Kim receives no compensation other than the compensation he receives in connection with his job function with Morgan Stanley Investment Management Inc.

**Item 6: Supervision**

Andrew H. Slimmon, Managing Director is responsible for supervising the advisory activities of Mr. Kim and monitoring the investment advice that he provides to the clients of the Adviser. Mr. Kim is required to comply with Adviser's code of ethics, securities disclosure policy, and its compliance policies and procedures and any other policies and procedures adopted by Adviser from time to time. Mr. Kim's supervisor is available at (312) 706-4568.

## **Fundamental Equity Advisors (FEA)**

Mr. Marshall V. Kaplan  
Mr. Steven T. Howard  
Ms. Rochelle F. Wagenheim



**Marshall V. Kaplan**

**Morgan Stanley Investment Management Inc.**

**522 Fifth Avenue  
New York, NY 10036**

**212-296-6600**

**September 30, 2015**

**This brochure supplement provides information about Marshall V. Kaplan that supplements the Form ADV brochure of Morgan Stanley Investment Management Inc. (“Adviser”). You should have received a copy of that brochure. Please contact your Financial Advisor if you did not receive Adviser’s brochure or if you have any questions about the contents of this supplement. Additional information about Adviser also is available on the SEC’s website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).**

Schedule 2B  
Form ADV Brochure Supplement  
September 30, 2015

**Item 2:**      **Educational Background and Business Experience**

*Name:*   **Marshall V. Kaplan**

*Year of birth:* 1959

*Education*

1981   Pace University, M.B.A.

1979   CUNY Baruch College, B.A.

*Business Background*

2015 – Present      **Morgan Stanley Investment Management Inc.**, Managing Director, Portfolio Manager for Fundamental Equity Advisors.

2010 – 2015      **Morgan Stanley Smith Barney**, Managing Director, Portfolio Management.

**Item 3:**      **Disciplinary Information**

We are required to disclose all material facts regarding any legal or disciplinary events that would be material to your evaluation of each supervised person providing investment advice. There is no information applicable to this Item with respect to Mr. Kaplan.

**Item 4:**      **Other Business Activities**

Mr. Kaplan is not actively engaged in any business or occupation (including any investment-related business or occupation) other than his job function with Morgan Stanley Investment Management Inc.

**Item 5:**      **Additional Compensation**

Mr. Kaplan receives no compensation other than the compensation he receives in connection with his job function with Morgan Stanley Investment Management Inc.

**Item 6:**      **Supervision**

Michael Levy, Managing Director is responsible for supervising the advisory activities of Mr. Kaplan and monitoring the investment advice that he provides to the clients of the Adviser. Mr. Kaplan is required to comply with Adviser's code of ethics, securities disclosure policy, and its compliance policies and procedures and any other policies and procedures adopted by Adviser from time to time. Mr. Kaplan's supervisor is available at (212) 296-0678.

**Steven T. Howard**

**Morgan Stanley Investment Management Inc.**

**522 Fifth Avenue  
New York, NY 10036**

**212-296-6600**

**September 30, 2015**

**This brochure supplement provides information about Steven T. Howard that supplements the Form ADV brochure of Morgan Stanley Investment Management Inc. (“Adviser”). You should have received a copy of that brochure. Please contact your Financial Advisor if you did not receive Adviser’s brochure or if you have any questions about the contents of this supplement. Additional information about Adviser also is available on the SEC’s website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).**

Schedule 2B  
Form ADV Brochure Supplement  
September 30, 2015

**Item 2:**      **Educational Background and Business Experience**

*Name:*   **Steven T. Howard**

*Year of birth:*   1976

*Education*

2007   New York University- Stern School of Business, M.B.A.  
1998   Middlebury College, B.A.

*Business Background*

2015 – Present      **Morgan Stanley Investment Management Inc.**, Managing  
Director, Portfolio Manager for Fundamental Equity Advisors.  
2010 – 2015      **Morgan Stanley Smith Barney**, Managing Director, Portfolio  
Management.

**Item 3:**      **Disciplinary Information**

We are required to disclose all material facts regarding any legal or disciplinary events that would be material to your evaluation of each supervised person providing investment advice. There is no information applicable to this Item with respect to Mr. Howard.

**Item 4:**      **Other Business Activities**

Mr. Howard is not actively engaged in any business or occupation (including any investment-related business or occupation) other than his job function with Morgan Stanley Investment Management Inc.

**Item 5:**      **Additional Compensation**

Mr. Howard receives no compensation other than the compensation he receives in connection with his job function with Morgan Stanley Investment Management Inc.

**Item 6:**      **Supervision**

Marshall Kaplan, Managing Director is responsible for supervising the advisory activities of Mr. Howard and monitoring the investment advice that he provides to the clients of the Adviser. Mr. Howard is required to comply with Adviser's code of ethics, securities disclosure policy, and its compliance policies and procedures and any other policies and procedures adopted by Adviser from time to time. Mr. Howard's supervisor is available at (212) 296-2472.

**Rochelle F. Wagenheim**

**Morgan Stanley Investment Management Inc.**

**522 Fifth Avenue  
New York, NY 10036**

**212-296-6600**

**September 30, 2015**

**This brochure supplement provides information about Rochelle F. Wagenheim that supplements the Form ADV brochure of Morgan Stanley Investment Management Inc. (“Adviser”). You should have received a copy of that brochure. Please contact your Financial Advisor if you did not receive Adviser’s brochure or if you have any questions about the contents of this supplement. Additional information about Adviser also is available on the SEC’s website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov).**

Schedule 2B  
Form ADV Brochure Supplement  
September 30, 2015

**Item 2:**      **Educational Background and Business Experience**

*Name:*   **Rochelle F. Wagenheim**

*Year of birth:*   1978

*Education*

2000   University of Florida, B.S.

*Business Background*

2015 – Present    **Morgan Stanley Investment Management Inc.**, Executive Director, Portfolio Manager for Fundamental Equity Advisors.

2010 – 2015      **Morgan Stanley Smith Barney**, Executive Director.

**Item 3:**      **Disciplinary Information**

We are required to disclose all material facts regarding any legal or disciplinary events that would be material to your evaluation of each supervised person providing investment advice. There is no information applicable to this Item with respect to Ms. Wagenheim.

**Item 4:**      **Other Business Activities**

Ms. Wagenheim is not actively engaged in any business or occupation (including any investment-related business or occupation) other than her job function with Morgan Stanley Investment Management Inc.

**Item 5:**      **Additional Compensation**

Ms. Wagenheim receives no compensation other than the compensation she receives in connection with her job function with Morgan Stanley Investment Management Inc.

**Item 6**      **Supervision**

Marshall Kaplan, Managing Director is responsible for supervising the advisory activities of Ms. Wagenheim and monitoring the investment advice that she provides to the clients of the Adviser. Ms. Wagenheim is required to comply with Adviser's code of ethics, securities disclosure policy, and its compliance policies and procedures and any other policies and procedures adopted by Adviser from time to time. Ms. Wagenheim's supervisor is available at (212) 296-2472.

## **Privacy Notice**

### **Morgan Stanley Investment Management Inc. An Important Notice Concerning Our U.S. Privacy Policy**

We are required by federal law to provide you with a copy of our privacy policy annually. This policy applies to current and former individual investors in funds managed or sponsored by Morgan Stanley Investment Management Inc. (“MSIM”) as well as current and former individual clients of MSIM. This policy is not applicable to partnerships, corporations, trusts or other non-individual clients or investors. Please note that we may amend this policy at any time, and will inform you of any changes as required by law.

#### **We Respect Your Privacy**

We appreciate that you may have provided us with your personal financial information. We strive to maintain the privacy of such information while we help you achieve your financial objectives. This Notice describes what non-public personal information we may collect about you, why we collect it, when we may share it with others and how certain others may use it. It discusses the steps you may take to limit our sharing of certain information about you to affiliated companies in the Morgan Stanley family of companies (“other Morgan Stanley companies”). It also discloses how you may limit use of certain shared information for marketing purposes by other Morgan Stanley branded companies. Throughout this policy, we refer to the non-public information that personally identifies you or your accounts as “personal information.”

#### **1. What Personal Information Do We Collect About You?**

We may obtain personal information from applications and other forms you submit to us, from your dealings with us, from consumer reporting agencies, from our Web sites and from third parties and other sources.

For example:

- We may collect information such as your name, address, e-mail address, telephone/fax numbers, assets, income and investment objectives through subscription documents, applications and other forms you submit to us.
- We may obtain information about account balances, your use of account(s) and the types of products and services you prefer to receive from us through your dealings and transactions with us and other sources.
- We may obtain information about your creditworthiness and credit history from consumer reporting agencies.
- We may collect background information from and through third-party vendors to verify representations you have made and to comply with various regulatory requirements.
- If you interact with us through our public and private Web sites, we may collect information that you provide directly through online communications (such as an e-mail address). We may also collect information about your Internet service provider, your domain name, your computer’s operating system and Web browser, your use of our Web sites and your product and service preferences, through the use of “cookies.” Please consult the Terms of Use of these sites for more details.

## **2. When Do We Disclose Personal Information We Collect About You?**

We may disclose personal information we collect about you to other Morgan Stanley companies and to non-affiliated third parties.

**a. Information We Disclose to Other Morgan Stanley Companies.** We may disclose personal information to other Morgan Stanley companies for a variety of reasons, including to manage your account(s) effectively, to service and process your transactions, to let you know about products and services offered by us and other Morgan Stanley companies, to manage our business, and as otherwise required or permitted by law. Offers for products and services from other Morgan Stanley companies are developed under conditions designed to safeguard your personal information.

**b. Information We Disclose to Non-affiliated Third Parties.** We do not disclose personal information that we collect about you to non-affiliated third parties except to those who provide marketing services on our behalf, to financial institutions with whom we have joint marketing agreements, and as otherwise required or permitted by law. For example, we may disclose personal information to nonaffiliated third parties for servicing and processing transactions, to offer our own products and services, to protect against fraud, for institutional risk control, to respond to judicial process or to perform services on our behalf. When we share personal information with a non-affiliated third party, they are required to limit their use of personal information to the particular purpose for which it was shared and they are not allowed to share personal information with others except to fulfill that limited purpose or as may be permitted or required by law.

## **3. How Do We Protect the Security and Confidentiality of Personal Information We Collect About You?**

We maintain physical, electronic and procedural security measures to help safeguard the personal information we collect about you. We have internal policies governing the proper handling of client information. Third parties that provide support or marketing services on our behalf may also receive personal information, and we require them to adhere to confidentiality standards with respect to such information.

## **4. How Can You Limit the Sharing Of Certain Types Of Personal Information With Other Morgan Stanley Companies?**

We offer you choices as to whether we share with other Morgan Stanley companies the personal information that was collected to determine your eligibility for products and services you request (“eligibility information”). Eligibility information does not include your identification information or personal information pertaining to our transactions or experiences with you. Please note that, even if you direct us not to share eligibility information with other Morgan Stanley companies (“opt-out”), we may still share personal information, including eligibility information, with those companies in circumstances excluded from the opt-out under applicable law, such as to process transactions or to service your account.

## **5. How Can You Limit the Use of Certain Types Of Personal Information By Other Morgan Stanley Companies for Marketing?**

By following the opt-out instructions in Section 6 below, you may limit other Morgan Stanley branded companies from marketing their products or services to you based on personal information we disclose to them. This information may include, for example, your income and account history with us. Please note that, even if you choose to limit Other Morgan Stanley Companies from using personal information about you that we may share with them for marketing their products and services to you, Other Morgan Stanley Companies may use your personal information that they obtain from us to market to you in circumstances permitted by law, such as if the Other Morgan Stanley Company has its own relationship with you.



## **6. How Can You Send Us An Opt-Out Instruction?**

If you wish to limit our sharing of eligibility information about you with other Morgan Stanley companies or other Morgan Stanley companies' use of personal information for marketing purposes, as described in this notice, you may do so by:

Calling us at: 610.260.7600

Writing to us at:

Morgan Stanley Investment Management Inc.  
Attention: Gina Panchella  
100 Front Street  
West Conshohocken, PA 19428

Your written request should include your name, address, telephone number and account number(s) to which the opt-out applies and whether you are opting out with respect to sharing of eligibility information (Section 4 above), or if information used for Marketing (Section 5 above) or both. Written opt-out requests should not be sent with any other correspondence. In order to process your request, we require that the request be provided by you directly and not through a third party.

Your opt-out preference will remain in effect with respect to this policy (as it may be amended) until you notify us otherwise. If you have a joint account, your direction for us not to share this information with other Morgan Stanley companies and for those other Morgan Stanley companies not to use your personal information for marketing will be applied to all account holders on that account. Please understand that if you limit our sharing or our affiliated companies' use of personal information, you and any joint account holder(s) may not receive information about Morgan Stanley products and services, including products or services that could help you manage your financial resources and achieve your investment objectives.

## **7. What If An Affiliated Company Becomes a Non-affiliated Third Party?**

If, at any time in the future, an affiliated company becomes a non-affiliated third party, further disclosures of personal information made to the former affiliated company will be limited to those described in Section 2(b) above relating to non-affiliated third parties. If you elected under Section 6 to limit disclosures we make to affiliated companies, or use of personal information by affiliated companies, your election will not apply to use by any former affiliated company of your personal information in their possession once it becomes a non-affiliated third party.

### **SPECIAL NOTICE TO RESIDENTS OF VERMONT**

**The following section supplements our policy with respect to our individual clients who have a Vermont address and supersedes anything to the contrary in the above policy with respect to those clients only.**

The state of Vermont requires financial institutions to obtain your consent prior to sharing personal information that they collect about you with affiliated companies and non-affiliated third parties other than in certain limited circumstances. Except as permitted by law, we will not share personal information we collect about you with non-affiliated third parties or other Morgan Stanley companies unless you provide us with your written consent to share such information ("opt-in").

If you wish to receive offers for investment products and services offered by or through other Morgan Stanley companies, please notify us in writing at the following address:

Morgan Stanley Investment Management Inc.  
Attention: Gina Panchella  
100 Front Street  
West Conshohocken, PA 19428

Your authorization should include your name, address, telephone number and account number(s) to which the opt-in applies and should not be sent with any other correspondence. In order to process your authorization, we require that the authorization be provided by you directly and not through a third party.

#### **SPECIAL NOTICE TO RESIDENTS OF CALIFORNIA**

**The following section supplements our policy with respect to our individual clients who have a California address and supersedes anything to the contrary in the above policy with respect to those clients only.**

In response to a California law, if your account has a California home address, your personal information will not be disclosed to nonaffiliated third parties except as permitted by applicable California law, and we will limit sharing such information with our affiliates to comply with California privacy laws that apply to us.