

# Privacy Notice

**March 2018**

*Please read this important notice — about the privacy of our customers' personal information — from Amundi Pioneer Asset Management, Inc., Amundi Pioneer Distributor, Inc. and the Pioneer Funds.*

## **Amundi Pioneer Respects Your Privacy**

Amundi Pioneer considers the privacy of our customers and former customers a matter of great importance. We respect your privacy and believe that any personal customer data we have should be treated with the highest regard for its confidentiality, whether it is financial information or other personal data.

Amundi Pioneer does not sell information about customers to any third party. Our company works hard to safeguard your personal information.

**Employee Behavior** Amundi Pioneer instructs its employees to keep your personal and financial information confidential and secure when they have access to it and when they see it as they communicate with you and process transactions on your or your financial intermediary's instructions. Employees are directed not to disclose information to unauthorized persons, either during their Amundi Pioneer employment or afterward.

**Vendor Contracts** When Amundi Pioneer hires vendors, such as mail houses or data processors, to assist in delivering services to clients, we require these vendors to commit contractually to keep the information they handle confidential and secure.

This Privacy Notice outlines our guidelines and practices for how we use and protect information about individual customers. We will send customers our Privacy Notice each year.

## **Your Personal Information**

*We collect and record personal information that customers provide:*

- on forms and applications
- through electronic media
- through information collected from the web browser of your personal computer or laptop that allows our website to recognize your browser (commonly known as "cookies")
- by telephone
- in correspondence

*We also collect and record information from:*

- your financial advisor
- your transactions with us and our affiliates
- other firms, such as those from whom you transfer assets
- third parties, such as service providers that may notify us of your change of address

*Personal information may include:*

- names
- addresses
- telephone numbers
- Social Security numbers
- your investments in the Pioneer Funds, such as your account balance and transaction activity

*continued on back >*

## How Amundi Pioneer Uses and Discloses Personal Information

*Amundi Pioneer gathers personal information to help us serve our customers and enhance other products and programs. For instance,*

- we may share information about your transactions with our affiliates in connection with providing services to your account;
- we may use it to send notices about fund products and services; or
- we may employ a mail house to survey all our customers about our products or the quality of our communications or services.

*All financial companies need to share customers' personal information to run their everyday business. Amundi Pioneer shares personal information with nonaffiliated third party service providers for our everyday business purposes, such as:*

- to assist in processing account transactions that you request or authorize; or
- to provide products or services that you request.

Amundi Pioneer does not share personal information with affiliated or nonaffiliated companies for marketing purposes. Amundi Pioneer does not use or disclose personal information about our customers except as described in this notice or as permitted by law. For example, we would disclose this information as needed to law enforcement and regulatory agencies, in connection with a subpoena or other legal process, as part of an audit or examination, and to trustees or custodians you have appointed. Disclosures made at your request include disclosures of personal information requested by your authorized intermediaries and employers sponsoring your investment plans.

## Security

Amundi Pioneer maintains physical, electronic and administrative safeguards designed to protect customer information.

*We employ various forms of Internet security, such as*

- data encryption
- Secure Sockets Layer (SSL) protocol
- anti-malware software
- user names and passwords

If you access information through our web site, [amundipioneer.com](http://amundipioneer.com), you should not give your user name or passwords to anyone for any reason. Choosing to provide this information to a third party invites problems and puts the confidentiality of your personal information at risk.

*If you have any questions or concerns about how Amundi Pioneer maintains the privacy of your customer information, please contact us at 800-225-6292 Monday through Friday, between the hours of 8:00 am and 7:00 pm Eastern Time.*

**FIRM BROCHURE**

Amundi Pioneer Institutional Asset Management, Inc.	Date: March 29, 2018
Address: 60 State Street, Boston MA 02109	Phone: (800) 821-1239
Web Site Address: <a href="http://www.amundipioneer.com">http://www.amundipioneer.com</a>	

This Brochure provides information about the qualifications and business practices of Amundi Pioneer Institutional Asset Management, Inc. (“APIAM” or the “adviser”). If you have any questions about the contents of this Brochure, please contact us at 800-821-1239 and/or <http://us.pioneerinvestments.com/institutional/default.jsp>. The information in this Brochure has not been approved or verified by the United States Securities and Exchange Commission (“SEC”) or by any state securities authority.

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

## FIRM BROCHURE

### Material Changes

The following material changes have been made to this Brochure since its last annual amendment dated March 30, 2017.

- The Advisory Business section has been revised to reflect that on July 3, 2017, Amundi acquired Pioneer Investments, a group of asset management companies located throughout the world previously owned by Pioneer Global Asset Management S.p.A., a wholly owned subsidiary of UniCredit S.p.A. As part of the transaction, Pioneer Institutional Asset Management, Inc. became an indirect wholly owned subsidiary of Amundi and Amundi's wholly owned subsidiary, Amundi USA, Inc. In connection with the transaction, Pioneer Institutional Asset Management, Inc. was renamed Amundi Pioneer Institutional Asset Management, Inc.
- The Methods of Analysis, Investment Strategies, Risk of Loss, Other Financial Industry Activities and Affiliations, Client Referrals, and Other Compensation sections have been revised to reflect that on January 1, 2018 Amundi Smith Breeden LLC, an affiliate of APIAM located in Durham, NC merged into APIAM.

## FIRM BROCHURE

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## FIRM BROCHURE

### Advisory Business

APIAM provides investment advisory services to various entities including unregistered pooled investment vehicles, collective investment trusts (“CIT”), pension and profit sharing plans and separate account clients such as charitable organizations, endowments, high net worth individuals, corporations and other businesses, and state and local retirement boards. APIAM is registered with the Commodity Futures Trading Commission (“CFTC”) as a commodity pool operator (“CPO”) and a commodity trading advisor (“CTA”). APIAM’s Boston, MA office focuses on both equity and fixed income investments. APIAM’s Durham, NC office focuses on fixed income investments. APIAM’s U.S. investment management history dates back to 1982.

APIAM is a wholly owned subsidiary of Amundi Pioneer Asset Management USA, Inc. (“APAMUSA”), which in turn, is a wholly owned subsidiary of Amundi USA, Inc. (“Amundi USA”). Amundi USA is a wholly owned subsidiary of Amundi. Amundi is controlled by Credit Agricole S.A., a French credit institution. Credit Agricole S.A. currently holds 70% of Amundi’s share capital. The remaining shares of Amundi are held by institutional and retail investors.

Through each investment management agreement with APIAM, a client will provide APIAM with an investment objective and guidelines. In addition to this option, each client can choose whether to authorize APIAM to vote proxies for its respective account(s).

As of 1/30/2018, APIAM managed approximately \$ 18,883,000,000 in assets for approximately 71 clients. Approximately \$18,231,000,000 was managed on a discretionary basis, and \$652,000,000 was managed on a non-discretionary basis.

### Fees and Compensation

Fees for advisory services generally are expressed as a percentage of assets under management of the client, and clients are billed monthly or quarterly and in arrears. The fees for providing investment management services are negotiated on an individual basis and vary among clients. The basic annual fee schedules for APIAM are:

*The following fees represent management fees only.*

**FIRM BROCHURE**

**FIXED INCOME**

**Opportunistic Core**

<b>Separate Account</b>
0.35% on the first \$50MM
0.30% on the next \$50MM
0.25% on the next \$100MM
0.20% thereafter
Minimum initial investment = \$25MM

**Long Duration Credit – Higher Quality**

<b>Separate Account</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$25MM

**Long Duration Credit**

<b>Separate Account</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$25MM

**FIRM BROCHURE**

**Multi-Sector Fixed Income**

<b>Separate Account</b>
0.40% on the first \$50MM
0.35% on the next \$50MM
0.30% on the next \$100MM
0.25% thereafter
Minimum initial investment = \$50MM

**Short Term Income**

<b>Separate Account</b>
0.25% on the first \$100MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$50MM

**Global Multi-Sector Fixed Income**

<b>Separate Account</b>
0.45% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$50MM



**FIRM BROCHURE**

**Global High Yield**

<b>Separate Account</b>
0.50% on the first \$50MM
0.45% on the next \$50MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$50MM

**Insurance – Linked Securities Strategy**

<b>Separate Account</b>
2.10% on all assets
Minimum initial investment = \$1MM

**Dynamic Credit**

<b>Separate Account</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.45% on the next \$100MM
0.40% thereafter
Minimum initial investment = \$50MM

## FIRM BROCHURE

### Credit Opportunities

<b>Separate Account</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.45% on the next \$100MM
0.40% thereafter
Minimum initial investment = \$50MM

### U.S. Investment Grade Corporate

<b>Separate Account</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$25MM

### Bank Loans

<b>Separate Account</b>
0.50% on the first \$50MM
0.45% on the next \$50MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$50MM

## FIRM BROCHURE

### Multi-Asset Ultra Short Income

<b>Separate Account</b>
0.25% on the first \$100MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$150MM

### Absolute Return Bond

<b>Separate Account</b>
0.45% for all assets
Minimum initial investment = €10MM

### Emerging Markets Bond Short-Term

<b>Separate Account</b>
0.50% on the first €50MM
0.45% on the next €50 MM
0.40% on the next €100MM
0.35% thereafter
Minimum initial investment = €10MM

## US EQUITY

### U.S. Dividend Equity

<b>Separate Account</b>
0.50% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM

**FIRM BROCHURE**

0.30% thereafter
Minimum initial investment = \$25MM

**U.S. Core Equity**

<b>Separate Account</b>
0.50% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$25MM

**U.S Concentrated Growth**

<b>Separate Account</b>
0.65% on the first \$25MM
0.55% on the next \$25MM
0.45% on the next \$50MM
0.40% thereafter
Minimum initial investment = \$25MM

**Global Equity**

<b>Separate Account</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.50% on the next \$100MM
0.45% thereafter

## FIRM BROCHURE

Minimum initial investment = \$25MM
-------------------------------------

### U.S. Disciplined Value

<b>Separate Account</b>
0.55% on the first \$50MM
0.45% on the next \$50MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$25MM

### U.S. Large Cap Core

<b>Separate Account</b>
0.50% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$25MM

### U.S. Mid Cap Growth

<b>Separate Account</b>
0.65% on the first \$50MM
0.60% on the next \$50MM
0.50% on the next \$100MM
0.45% thereafter

## FIRM BROCHURE

Minimum initial investment = \$25MM
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### U.S. Mid Cap Value

<b>Separate Account</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.50% on the next \$100MM
0.45% thereafter
Minimum initial investment = \$25MM

### International Equity

<b>Separate Account</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.50% on the next \$100MM
0.45% thereafter
Minimum initial investment = \$25MM

### U.S. Disciplined Growth

<b>Separate Account</b>
0.55% on the first \$50MM
0.45% on the next \$50 MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$25MM

**FIRM BROCHURE**

**NON-U.S. EQUITY**

**Concentrated European Equities**

<b>Separate Account</b>
0.50% on the first €50MM
0.45% on the next €50 MM
0.35% on the next €100MM
0.30% thereafter
Minimum initial investment = €10MM

**European Equity Value**

<b>Separate Account</b>
0.55% on the first €25MM
0.55% on the next €25 MM
0.50% on the next €50MM
0.45% on the next €100MM
0.40% thereafter
Minimum initial investment = €10MM

**FLEXIBLE / BALANCED**

**Flexible Opportunities**

<b>Separate Account</b>
0.70% on the first \$100MM

**FIRM BROCHURE**

0.60% on the next \$100MM
0.50% thereafter
Minimum initial investment = \$50MM

**DEFINED CONTRIBUTION PLAN FEE SCHEDULE – INVESTMENT THROUGH A CIT OR UNREGISTERED POOLED INVESTMENT VEHICLE (LLC)**

Management Fee Schedule

**FIXED INCOME**

**Opportunistic Core**

<b>CIT/LLC Option</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$3MM

**Long Duration Credit-Higher Quality**

<b>CIT/LLC Option</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$3MM



**FIRM BROCHURE**

**Long Duration Credit**

<b>CIT/LLC Option</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$3MM

**Multi-Sector Fixed Income**

<b>CIT/LLC Option</b>
0.35% on the first \$50MM
0.30% on the next \$50MM
0.25% on the next \$100MM
0.20% thereafter
Minimum initial investment = \$3MM

**Short Term Income**

<b>CIT/LLC Option</b>
0.25% on the first \$100MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$3MM

**FIRM BROCHURE**

**Global Multi-Sector Fixed Income**

<b>CIT/LLC Option</b>
0.40% on the first \$50MM
0.35% on the next \$50MM
0.30% on the next \$100MM
0.25% thereafter
Minimum initial investment = \$3MM

**Global High Yield**

<b>CIT/LLC Option</b>
0.45% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$3MM

**Dynamic Credit**

<b>CIT/LLC Option</b>
0.60% on the first \$50MM
0.50% on the next \$50MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$3MM

## FIRM BROCHURE

### Credit Opportunities

<b>CIT/LLC Option</b>
0.60% on the first \$50MM
0.50% on the next \$50MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$3MM

### U.S. Investment Grade Corporate

<b>CIT/LLC Option</b>
0.30% on the first \$50MM
0.25% on the next \$50MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$3MM

### Bank Loan

<b>CIT/LLC Option</b>
0.50% on the first \$50MM
0.45% on the next \$50MM
0.40% on the next \$100MM
0.35% thereafter
Minimum initial investment = \$3MM

**FIRM BROCHURE**

**Multi-Asset Ultra Short Income**

<b>CIT/LLC Option</b>
0.25% on the first \$100MM
0.20% on the next \$100MM
0.15% thereafter
Minimum initial investment = \$3MM

**Absolute Return Bond**

<b>CIT/LLC Option</b>
0.40% for all assets
Minimum initial investment = €10MM

**US EQUITY**

**U.S. Dividend Equity**

<b>CIT/LLC Option</b>
0.45% on the first \$50MM
0.35% on the next \$50MM
0.30% on the next \$100MM
0.25% thereafter
Minimum initial investment = \$3MM

**FIRM BROCHURE**

**U.S. Core Equity**

<b>CIT/LLC Option</b>
0.45% on the first \$50MM
0.35% on the next \$50MM
0.30% on the next \$100MM
0.25% thereafter
Minimum initial investment = \$3MM

**U.S. Concentrated Growth**

<b>CIT/LLC Option</b>
0.50% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$3MM

**Global Equity**

<b>CIT/LLC Option</b>
0.60% on the first \$50MM
0.50% on the next \$50MM
0.45% on the next \$100MM
0.40% thereafter
Minimum initial investment = \$3MM

**FIRM BROCHURE**

**U.S. Large Cap Core Equity**

<b>CIT/LLC Option</b>
0.45% on the first \$50MM
0.35% on the next \$50MM
0.30% on the next \$100MM
0.25% thereafter
Minimum initial investment = \$3MM

**U.S. Mid Cap Growth**

<b>CIT/LLC Option</b>
0.60% on the first \$50MM
0.50% on the next \$50MM
0.45% on the next \$100MM
0.40% thereafter
Minimum initial investment = \$3MM

**U.S. Disciplined Value**

<b>CIT/LLC Option</b>
0.50% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$3MM

## FIRM BROCHURE

### U.S. Disciplined Growth

<b>CIT/LLC Option</b>
0.50% on the first \$50MM
0.40% on the next \$50MM
0.35% on the next \$100MM
0.30% thereafter
Minimum initial investment = \$3MM

### U.S. Mid Cap Value

<b>CIT/LLC Option</b>
0.60% on the first \$50MM
0.50% on the next \$50MM
0.45% on the next \$100MM
0.40% thereafter
Minimum initial investment = \$3MM

### International Equity

<b>CIT/LLC Option</b>
0.60% on the first \$50MM
0.50% on the next \$50MM
0.45% on the next \$100MM
0.40% thereafter
Minimum initial investment = \$3MM

**NON-U.S. EQUITY**

**Concentrated European Equities**

<b>CIT/LLC Option</b>
0.45% on the first €50MM
0.40% on the next €50 MM
0.30% on the next €100MM
0.25% thereafter
Minimum initial investment = €10MM

**FLEXIBLE / BALANCED**

**Flexible Opportunities**

<b>CIT/LLC Option</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.45% thereafter
Minimum initial investment = \$3MM

**Multi-Asset Income**

<b>CIT/LLC Option</b>
0.65% on the first \$50MM
0.55% on the next \$50MM
0.45% thereafter
Minimum initial investment = \$3MM



## FIRM BROCHURE

### Other Fees and Expenses

In addition to management fees, clients generally will incur and pay: (1) charges and expenses for accounting, pricing and appraisal services of any portfolio accounting and / or recordkeeping agent appointed by the client with respect to the portfolio; (2) the charges and expenses of any custodian appointed by the client with respect to the portfolio; (3) all brokerage commissions, dealer spreads, transfer fees and taxes; (4) reasonable legal expenses related to any investment of the portfolio (provided the client will be consulted prior to incurring legal expenses potentially exceeding \$5,000); and (5) all other reasonable expenses properly chargeable to the client. Clients also will incur transaction costs on their account. Any expenses allocated to an account relating to securities may be shared pro rata with any other of APIAM's accounts with the same expenses. The expenses and costs described above are not reflected in the fee schedules listed above, which only reflect management fees.

Accounts initiated or terminated during a calendar quarter will be charged a pro-rated fee. Upon termination of any account, any earned, unpaid fees will be due and payable.

The Brokerage Practices section of this Brochure further describes the factors that APIAM considers in selecting or recommending broker-dealers for client transactions and determining the reasonableness of their compensation.

No standard advisory fee schedule exists for strategies managed from APIAM's Durham office. The fees for these customized strategies are negotiated on a case-by-case basis.

### **Performance-Based Fees and Side-by-Side Management**

Certain clients pay APIAM performance-based fees. APIAM in general, and certain portfolio managers of APIAM, manage accounts that are charged a performance-based fee and accounts that are charged only an asset-based fee. Managing both types of accounts at the same time may create an incentive to favor performance-based fee accounts. In addition, as a result of such performance fees, APIAM may have an incentive to make riskier investment decisions on behalf of clients for which it may earn performance-based fees because such decisions could yield higher returns.

APIAM recognizes that conflicts may arise under these circumstances, and has adopted an investment allocation policy for APIAM that addresses the potential conflict of interest for a portfolio manager to favor performance-based fee accounts. This policy provides that no allocation shall be made to an account based on performance, the amount or structure of APIAM's fee for managing the account, the direct or indirect interests of APIAM or its employees in the account, or whether the account is public, private, proprietary or third party. In determining which securities to buy or sell for a client and in what amount, APIAM may consider a variety of factors, including the client's investment objectives and strategies, the client's diversification and liquidity requirements, the size of the client's account, tax implications, the marketability of the securities, the characteristics of the client's account and other relevant factors, such as the size of an available purchase or sale opportunity, the extent to which an

## FIRM BROCHURE

available opportunity would represent a meaningful portion of the client's account, and the availability of comparable opportunities. Other factors considered include the amount of securities of the issuer then outstanding, the value of those securities and the market for them. APIAM may make purchase and sale decisions with respect to a particular client account that may be the same as, or differ from, the recommendations made, or the timing or nature of the action taken, with respect to other accounts.

Frequently, the same investment decision is made for more than one account and APIAM's portfolio managers may place orders to buy or sell the same security for a number of accounts. APIAM may aggregate orders to purchase or sell the same security for multiple accounts. In some cases, APIAM may not aggregate orders for accounts managed out of one APIAM office with orders for accounts managed out of another APIAM office. Whenever APIAM aggregates orders, all accounts that participate in the transaction will participate on a pro rata or other objective basis, as described below. To the extent that orders are not aggregated, including orders for accounts that are managed out of different APIAM offices, clients may not receive the same transaction price and transaction costs may be higher. APIAM will not aggregate investment transactions for accounts unless the transaction is consistent with its duties to the accounts, the terms of the applicable investment management agreement and each account's investment objectives, restrictions and policies.

**Equity Trade Allocation:** With the exception of transactions in limited investment opportunities such as Initial Public Offerings ("IPOs"), new issues or secondary offerings, executions of aggregated equity trades generally are allocated pro rata to the participating accounts based on order size (i.e., each client will be allocated that percentage of the executed order that its requested order size bears to the total size of the order). Allocated amounts may be rounded to reflect market practices for lot sizes. All accounts in a single aggregated trade receive the average price obtained and pay a pro rata portion of all transactions costs.

If new orders for the same security with the same terms are submitted at any time to an existing order where partial executions have already occurred with respect to the original order, the prior executions will be allocated pro rata among the original participating accounts at the average price obtained for such executions up to the time new orders are received. New orders will be added to the balance of the original unexecuted order, and each original participating account will receive a pro rata allocation based on the percentage that the balance of the original order plus the new orders relates to the balance of the original order. New orders will receive a pro rata allocation based on the percentage that each new order relates to the balance of the original order plus the new orders. All allocations to original participating and new accounts will be at the average price obtained for executions subsequent to the new orders being added to the original order.

If a trade is only partially completed on a given day, that day's fill will be allocated on a pro rata basis among each participating account at the close of business that day at the average execution price.

**Fixed Income Trade Allocations:** APIAM allocates fixed-income trades prior to the end of the day the trade is executed ("trade date"). In determining the level of allocation to a particular account, portfolio managers and analysts review client guidelines and consider a variety of factors at the time of allocation.

## FIRM BROCHURE

Once a fixed income trade has been executed and participating accounts are identified as described above, all participating accounts receive the same purchase price and transaction costs, if any, are shared pro rata among participating accounts.

Initial Public Offerings, New Issues and Limited Opportunity Allocations: Client accounts acquiring securities in Initial Public Offerings (“IPOs”), new issue or limited investment opportunity will receive a pro rata allocation of such transaction based on the total net assets of all participating accounts, provided that variances of  $\pm 15\%$  are permitted and that allocations to an account may not exceed the portfolio manager’s indication of interest. The net assets of a closed-end fund shall not include the leverage derived from the issuance of preferred shares.

Allocations for IPOs, new issues or limited investment opportunities are determined immediately after confirmation of an allocation for shares/interests in the offering from the broker-dealer. Once an allocation is confirmed, if it is less than APIAM requested, APIAM may adjust its allocation on a pro rata basis to the original allocation as provided in APIAM’s trade allocation procedures. Allocations of IPOs, new issues and limited investment opportunities are reviewed by the Trade Management Committee. The allocation and reporting procedures relating to IPOs, new issues and limited investment opportunities shall not apply to situations where an offering does not present a limited or unique opportunity based on the issue size or availability of substantially similar securities, such as in the case of government securities, certificates of deposit (CDs) and high quality, short-term investments.

APIAM maintains separate trading groups for APIAM’s managed funds and accounts (“APIAM Trading Group”) and any third-party model programs (“Model Portfolios Group”). The two groups operate independently of one another.

Model changes to similarly managed strategies will be communicated to both the APIAM Trading Group and the Model Portfolios Group simultaneously.

In cases where APIAM is participating in more than one model program for the same strategy, the Model Portfolios Group will disseminate the respective strategy’s model changes to the applicable Firms using an equitable rotation methodology.

APIAM will not allocate trades for the purpose of benefitting APIAM or any of its officers or its employees; or for the accounts of business associates, friends or relatives while excluding other accounts from the allocation of any securities.

Under no circumstances will APIAM delay allocation so that it can allocate the more favorable prices received during the day to one account and the less favorable prices to another account.

In general, to the extent particular trading activity relates both to APIAM accounts and those of its advisory affiliate, Amundi Pioneer Asset Management, Inc. (“Amundi Pioneer”), allocation methodologies will be administered jointly.

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Post-execution allocations must comply with the same general guidelines set forth above for pre-execution allocations and must be consistent with treating all accounts fairly and equitably. All deviations from modifications to allocations for this reason must be documented.

<b>Types of Clients</b>
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APIAM provides investment advisory services to various entities including unregistered pooled investment vehicles, CITs, pension and profit sharing plans and separate account clients such as charitable organizations, endowments, high net worth individuals, corporations and other businesses, central and supranational banks and state and local retirement boards. Advisory services are limited to portfolio management services for businesses or institutional clients. The foregoing entities may be organized in the United States or other countries.

Separately managed accounts require an initial investment of \$100,000. Additional investments into a separately managed account are not subject to a minimum requirement. The minimum account size for CIT’s and unregistered pool vehicles is typically \$3 million.

<b>Methods of Analysis, Investment Strategies and Risk of Loss</b>
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APIAM offers a broad range of U.S., international, global, fixed income, and equity solutions – including our suite of multi-sector strategies – for institutional investors. The firm's commitment to original, fundamental research and solid investment opportunities, coupled with our global reach, allow us to meet the sophisticated needs of today's institutional investors.

At times, equity and fixed income investments may represent industries or industry sectors that are interrelated or have common risks, making it more susceptible to any economic, political, or regulatory developments or other risks affecting those industries and sectors. In addition, investing in foreign and/or emerging markets securities involves risks relating to interest rates, currency exchange rates, economic, and political conditions.

APIAM offers the following types of institutional investment solutions:

<b>Equity Strategies</b>		
<b>Disciplined Growth</b>	The Disciplined Growth Strategy is an actively managed, US large-cap growth strategy. The Strategy combines bottom-up fundamental analysis with disciplined stock evaluation models, while relying on the expertise of Pioneer's seasoned Research team. Proprietary risk analysis results in the disciplined execution of the investment philosophy and may result in a consistent return profile over time.	<b>Principal Risks:</b> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risk of non-US investments</li> <li>• Risk of investments in REITs</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>

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<p><b>US Dividend Equity</b></p>	<p>The US Dividend Equity Strategy is an actively managed, value-oriented, large-cap equity strategy focused on high-quality, US dividend-paying equity securities. The Portfolio Management team looks for well-established companies that have shown or produced exemplary dividend growth over the long term and commitment to continuing potential dividend payments.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risk of non-US investments</li> <li>• High yield bond risk</li> <li>• Risk of investments in REITs</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Disciplined Value</b></p>	<p>The Disciplined Value Strategy is an actively managed, US large-cap value strategy. Focused on proprietary fundamental and quantitative analysis, the Strategy seeks to leverage the expertise of Pioneer's seasoned Research team within a risk-constrained strategy. Proprietary risk analysis results in the disciplined execution of the investment philosophy and may result in a consistent return profile over time.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Growth style risk</li> <li>• Risk of non-US investments</li> <li>• Small and mid-size companies risk</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>US Core Equity</b></p>	<p>The US Core Equity Strategy seeks long-term capital growth by investing primarily in US large-cap equity securities and diversifying across a broad range of market sectors. It employs a valuation conscious approach, one that focuses on the quality and price of individual securities, while following a research-based investment strategy to select stocks with above average growth potential.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Mid-size companies risk</li> <li>• Portfolio selection risk</li> <li>• Value style risk</li> <li>• Preferred stocks risk</li> <li>• Risks of investment in other funds</li> <li>• Debt securities risk</li> <li>• Risks of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Liquidity risk</li> <li>• Expense risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>

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<p><b>US Large Cap Core</b></p>	<p>The US Large Cap Core Strategy adheres to a bottom-up approach that seeks undervalued, high quality stocks of well established companies. The Strategy primarily invests in stocks with earnings-growth potential over a three- to five-year period in excess of the expected growth appearing to be reflected in the current price.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risk of non-US investments</li> <li>• Risks of investments in REITs</li> <li>• Debt securities risk</li> <li>• Preferred stocks risk</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>US Mid Cap Value</b></p>	<p>The US Mid Cap Value Strategy seeks capital appreciation by investing in a diversified portfolio of securities consisting primarily of common stocks. The Strategy employs a combination of quantitative and fundamental analysis to find undervalued mid cap companies. Sector weights are driven primarily by a bottom-up process.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Small and mid-size companies risk</li> <li>• Risks of non-US investments</li> <li>• Risks of investments in REITs</li> <li>• Risks of convertible securities</li> <li>• Preferred stocks risk</li> <li>• Debt securities risk</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>US Mid Cap Growth</b></p>	<p>The US Mid Cap Growth Equity Strategy believes the best way to generate above average returns is to employ a well-diversified, fundamental, bottom-up approach, seeking to invest in companies with long-term growth opportunities and sustainable advantages that trade at a discount to their intrinsic value. The Strategy emphasizes on mid-cap growth companies with typical market capitalization of \$2 to \$30 billion. The Strategy has a bias towards higher-quality, sustainable growth companies with competitive advantage.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Small and mid-size companies risk</li> <li>• Risks of non-US investments</li> <li>• Risks of investments in REITs</li> <li>• Risks of convertible securities</li> <li>• Preferred stocks risk</li> <li>• Debt securities risk</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> </ul>

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		<ul style="list-style-type: none"> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>US Concentrated Growth</b>	<p>The US Concentrated Growth Strategy is an actively managed US large-cap strategy focused on higher-quality companies that efficiently use capital, as measured by high returns on incremental invested capital. These companies also have durable competitive advantages that we expect will sustain the high returns. The Strategy is dedicated to delivering a consistent risk-return profile through investments in a concentrated number of large cap companies, which APIAM believes is capable of delivering sustainable above-average earnings growth by capitalizing on long-term secular trends.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Growth style risk</li> <li>• Risks of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Global Equity</b>	<p>The Global Equity Strategy seeks medium to long-term capital growth through a diversified portfolio, investing in equities and equity-linked securities issued by mid and large cap companies in any country in the world. The Strategy focuses on a selective range of opportunities.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risks of non-US investments</li> <li>• Currency risk</li> <li>• Portfolio selection risk</li> <li>• Small and mid-size companies risk</li> <li>• Risks of warrants and rights</li> <li>• Preferred stocks risk</li> <li>• Risks of initial public offerings</li> <li>• Risks of investment in other funds</li> <li>• Debt securities risk</li> <li>• Forward foreign currency transactions risk</li> <li>• Leveraging risk</li> <li>• Portfolio turnover risk</li> <li>• Liquidity risk</li> <li>• Cash management risk</li> <li>• Expense risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>

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<p><b>International Equity</b></p>	<p>The International Equity Strategy uses a bottom-up stock-picking approach in a top-down economic framework. The stock selection process focuses on choosing fundamentally sound companies with stocks that are undervalued by the market. We research companies that appear on valuation and stock price momentum screens, as well as ideas that come from our analysts. We regularly evaluate our portfolios for risk exposures in terms of geography, currency and economic sector exposures.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risks of non-US investments</li> <li>• Geographic focus risk</li> <li>• Currency risk</li> <li>• Portfolio selection risk</li> <li>• Small and mid-size companies risk</li> <li>• Risks of investments in real estate related securities</li> <li>• Risks of warrants and rights</li> <li>• Preferred stocks risk</li> <li>• Risks of initial public offerings</li> <li>• Risks of investment in other funds</li> <li>• Debt securities risk</li> <li>• Risks of convertible securities</li> <li>• Market segment risk</li> <li>• Derivatives risk</li> <li>• Forward foreign currency transactions risk</li> <li>• Leveraging risk</li> <li>• Portfolio turnover risk</li> <li>• Liquidity risk</li> <li>• Cash management risk</li> <li>• Expense risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Flexible Opportunities</b></p>	<p>The Flexible Opportunities Strategy seeks to provide total return by selecting investments from a broad spectrum of asset classes, including both traditional investments, such as equity and fixed income securities and less traditional or alternative investments, such as commodity-oriented investments, real estate related investments and currencies. The Strategy seeks real return by holding some investments that historically have not moved in step with broad equity and fixed income</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Credit default swap risk</li> <li>• Risks of investing in inverse floating rate obligations</li> <li>• Risks of non-US investments</li> <li>• Credit risk</li> </ul>



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	<p>markets and selecting investments believed to provide total return in consideration of perceived risk and changing market and economic conditions over time. Real return is considered to be a level of total return that exceeds the rate of inflation over a full market cycle (a full market cycle includes both a market peak and a market trough and generally encompasses 6 to 8 years).</p>	<ul style="list-style-type: none"> <li>• Currency risk</li> <li>• Interest rate risk</li> <li>• Portfolio selection risk</li> <li>• Small and mid-size companies risk</li> <li>• Risks of investments in real estate related securities</li> <li>• Risks of warrants and rights</li> <li>• Preferred stocks risk</li> <li>• Risks of initial public offerings</li> <li>• Risks of investment in other funds</li> <li>• Debt securities risk</li> <li>• Prepayment or call risk</li> <li>• Risks of convertible securities</li> <li>• Mortgage related and asset-backed securities risk</li> <li>• Derivatives risk</li> <li>• Forward foreign currency transactions risk</li> <li>• Leveraging risk</li> <li>• Portfolio turnover risk</li> <li>• Liquidity risk</li> <li>• Cash management risk</li> <li>• Expense risk</li> <li>• Extension risk</li> <li>• U.S. Treasury obligations risk</li> <li>• U.S. government agency obligations risk</li> <li>• High yield or “junk” bond risk</li> <li>• Risks of investing in floating rate loans</li> <li>• Risks of subordinated securities</li> <li>• Risks of zero coupon bonds, payment in kind,</li> </ul>
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		<p>deferred and contingent securities</p> <ul style="list-style-type: none"> <li>• Repurchase agreement risk</li> <li>• Valuation risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>European Concentrated Equity</b>	<p>The European Concentrated Equity Strategy seeks medium to long term capital growth by investing in equities, equity-linked securities and warrants primarily in Europe. The Strategy focuses in on a selective range of opportunities.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risks of non-US investments</li> <li>• Geographic focus risk</li> <li>• Currency risk</li> <li>• Portfolio selection risk</li> <li>• Small and mid-size companies risk</li> <li>• Risks of investments in real estate related securities</li> <li>• Risks of warrants and rights</li> <li>• Market segment risk</li> <li>• Derivatives risk</li> <li>• Forward foreign currency transactions risk</li> <li>• Leveraging risk</li> <li>• Portfolio turnover risk</li> <li>• Liquidity risk</li> <li>• Cash management risk</li> <li>• Expense risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>European Equity Value</b>	<p>The European Equity Value Strategy seeks medium to long term capital growth by investing in equities, equity-linked securities and warrants primarily in Europe.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Value style risk</li> <li>• Risks of non-US investments</li> <li>• Geographic focus risk</li> <li>• Currency risk</li> <li>• Portfolio selection risk</li> <li>• Small and mid-size companies risk</li> </ul>

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		<ul style="list-style-type: none"> <li>• Risks of investments in real estate related securities</li> <li>• Market segment risk</li> <li>• Derivatives risk</li> <li>• Forward foreign currency transactions risk</li> <li>• Leveraging risk</li> <li>• Portfolio turnover risk</li> <li>• Liquidity risk</li> <li>• Cash management risk</li> <li>• Expense risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Fixed Income Strategies</b></p>		
<p><b>Insurance-Linked Securities</b></p>	<p>The Insurance-Linked Securities Strategy invests in insurance-linked securities. These securities may include event-linked (catastrophe) bonds, quota share instruments, collateralized reinsurance investments and industry-loss warranties. The Strategy aims to achieve its total return objective through an active, research-driven insurance-linked securities allocation.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Derivatives risk</li> <li>• Risk of non-US investments</li> <li>• Risks of investing in event-linked bonds</li> <li>• Risks of investing in structured insurance investments</li> <li>• ILS market and reinvestment risk</li> <li>• Market risk</li> <li>• High yield of “junk” bond risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Risk of illiquid investments</li> <li>• Risks of investing in floating rate loans</li> <li>• Collateral risk</li> <li>• Risk of disadvantaged access to confidential information</li> <li>• Risk of subordinated securities</li> <li>• US Treasury obligations risk</li> </ul>

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		<ul style="list-style-type: none"> <li>• US government agency obligations risk</li> <li>• Credit default swap risk</li> <li>• Risks of investing in inverse floating rate obligations</li> <li>• Leveraging risk</li> <li>• Mortgage dollar roll transactions risk</li> <li>• Risks of zero coupon bonds, payment in kind, deferred and contingent securities</li> <li>• Concentration risk</li> <li>• Valuation risk</li> <li>• Expense risk</li> <li>• Portfolio selection risk</li> <li>• Repurchase offers risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Multi-Sector Fixed Income</b></p>	<p>The Multi-Sector Fixed Income Strategy is an active, value-driven, multi-sector fixed income strategy that invests across a broad range of global fixed income asset classes. This approach can produce higher returns than a US core investment grade strategy while working to limit volatility, due to the diversification benefits of less correlated non-investment grade and global fixed income sectors. Asset allocation and security selection are primary alpha sources, with contributions from interest rate and currency factors.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Extension risk</li> <li>• Liquidity risk</li> <li>• Mortgage-related and asset-backed securities risk</li> <li>• High yield bond risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of investing in event-linked bonds</li> <li>• Risk of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• US government agency obligations risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>

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<p><b>Global Multi-Sector Fixed Income</b></p>	<p>The Global Multi-Sector Fixed Income Strategy is a multi-sector fixed income strategy that invests across a wide range of global developed and emerging market fixed income sectors and currencies with the goal of achieving competitive returns, while working to limit volatility. A key element of the Strategy is long/short currency exposures, which have low correlation to fixed income markets and can add alpha, while diversifying risk.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Growth style risk</li> <li>• Risks of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Opportunistic Core</b></p>	<p>The Opportunistic Core Strategy is a multi-sector strategy that invests primarily in US dollar intermediate-term bonds with the ability to invest up to 20% in below-investment-grade debt. It allocates among three primary market sectors: mortgage-backed securities, investment-grade corporates and government bonds. The Strategy adds value primarily through asset allocation and security selection, as well as interest rate positioning.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Extension risk</li> <li>• Liquidity risk</li> <li>• Mortgage-related and asset-backed securities risk</li> <li>• High yield bond risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> <li>• Risk of investing in event-linked bonds</li> <li>• Risk of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• US government agency obligations risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Global High Yield</b></p>	<p>The Global High Yield Strategy brings a flexible approach by investing in US high yield, international high yield and emerging market bonds, seeking to achieve competitive returns and lower undue risk as compared with an average high yield portfolio. APIAM seeks to stay diversified across countries/regions, sectors/industries and currencies and is focused on a credit-driven, value-oriented</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• High yield bond risk</li> <li>• Risk of non-US investments</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Extension risk</li> </ul>

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	<p>approach to finding what we believe are the best investment opportunities.</p>	<ul style="list-style-type: none"> <li>• Liquidity risk</li> <li>• Mortgage-related and asset-backed securities risk</li> <li>• US government agency obligations risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> <li>• Risk of investing in event-linked bonds</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Emerging Markets Bond Short-Term</b></p>	<p>The Emerging Markets Bond Short-Term Strategy invests primarily in a diversified portfolio of US dollar and OECD-denominated issues of sovereigns and companies incorporated, headquartered or having their principal business activities in emerging markets or in debt and debt-related instruments, where the credit risk of such instruments is linked to emerging markets. The Strategy may invest up to 25% in emerging markets local currency, up to 25% in bonds with warrants and up to 5% in equities and equity-linked instruments.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Liquidity risk</li> <li>• Risk of non-US investments</li> <li>• Extension risk</li> <li>• High yield bond risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<p><b>Dynamic Credit</b></p>	<p>The Dynamic Credit Strategy is a multi-sector credit-oriented portfolio, which uses a flexible approach to a diversified range of higher yielding credit exposures, and may produce competitive risk-adjusted returns over a credit cycle. The use of liquid hedges can allow investors to capture most of the upside of a high yield return, while significantly limiting downside volatility of high yield exposures.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• High yield bond risk</li> <li>• Risk of non-US investments</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Extension risk</li> <li>• Liquidity risk</li> </ul>

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		<ul style="list-style-type: none"> <li>• Mortgage-related and asset-backed securities risk</li> <li>• US government agency obligations risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> <li>• Risk of investing in event-linked bonds</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Bank Loan</b>	<p>The Bank Loan Strategy is a higher quality, value-oriented approach as compared to its benchmark, the S&amp;P/LSTA Leveraged Performing Loan Index. The Strategy seeks to reduce the volatility of returns over time, offer increased downside risk protection, and shield against rising interest rates. APIAM’s ability to be selective and opportunistic in changing market environments allows us to quickly modify our exposure to single credits or industries.</p> <p>APIAM may sell a security when it believes the security no longer will contribute to meeting the client’s investment objective.</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• High yield bond risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Liquidity risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> <li>• Risk of non-US investments</li> <li>• US government agency obligations risk</li> <li>• Mortgage-related and asset-backed securities risk</li> <li>• Risk of investing in event-linked bonds</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Credit Opportunities</b>	<p>The Credit Opportunities Strategy utilizes a flexible approach to multiple credit pools and diversification across asset classes, countries, sectors and currencies, which enables us to</p>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Risk of non-US investments</li> </ul>

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	historically achieve competitive risk adjusted returns over a credit cycle. We use a sophisticated credit research process that utilizes quantitative, fundamental and relative value input.	<ul style="list-style-type: none"> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Currency risk</li> <li>• Liquidity risk</li> <li>• US government agency obligations risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>US Investment Grade Corporate</b>	The US Investment Grade Corporate Strategy focuses on achieving higher yield than the benchmark, through active sector, industry and quality positioning as well as strong security selection can achieve competitive returns while limiting volatility.	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Risk of non-US investments</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Currency risk</li> <li>• Liquidity risk</li> <li>• US government agency obligations risk</li> <li>• Derivatives risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Multi-Asset Ultrashort Income</b>	<p>The Multi-Asset Ultrashort Income Strategy is a US multi-sector income strategy that utilizes a three-layered approach to investing with the goal of achieving higher yields and lower volatility relative to its peer universe.</p> <p>The three layers are:</p> <ul style="list-style-type: none"> <li>• Liquidity: money market securities, US Treasuries and agency notes</li> <li>• Intermediate: corporate bonds, agency mortgage backed securities, asset-backed securities and limited use of municipal bonds</li> <li>• Core: holdings that generally offer lower liquidity, but afford the portfolio managers what we believe are the best opportunities to add yield and alpha to the portfolio, including non-agency asset-backed securities/mortgage backed securities, bank loans, corporate bonds and event-linked (catastrophe) bonds</li> </ul>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Liquidity risk</li> <li>• Extension risk</li> <li>• High yield bond risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of non-US investments</li> <li>• US government agency obligations risk</li> <li>• Risk of investing in event-linked bonds</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Short Term Income</b>	The Short Term Income Strategy is a US short duration strategy that invests across a diversified portfolio of primarily US government, corporate, mortgage and asset-	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> </ul>



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	backed securities, with a 20% limit on non-investment grade exposure.	<ul style="list-style-type: none"> <li>• Prepayment or call risk</li> <li>• Market segment risk</li> <li>• Portfolio Selection Risk</li> <li>• Currency Risk</li> <li>• Extension risk</li> <li>• Liquidity risk</li> <li>• Mortgage-related and asset-backed securities risk.</li> <li>• High yield bond risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> <li>• Risk of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• US government agency obligations risk</li> <li>• Credit default swap risk</li> <li>• Risks of zero coupon bonds, payment in kind, deferred and payment securities</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Long Duration Credit</b>	The Long Duration Credit Strategy employs flexibility to actively allocate to long duration US dollar issues across countries, industries and quality sectors, strategically overweighting those we believe have competitive relative value, enhances returns. Our security selection process adds value by focusing on total return—not simply yield, price appreciation from mispriced securities and downside risk control and capital preservation. We integrate top-down views and risk controls with a bottom-up valuation process.	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Risk of non-US investments</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Currency risk</li> <li>• Liquidity risk</li> <li>• US government agency obligations risk</li> <li>• Derivatives risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Long Duration Credit – Higher Quality</b>	The Long Duration Credit - Higher Quality Strategy employs flexibility to actively allocate to long duration US dollar issues across countries, industries and quality sectors, strategically overweighting those we	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Risk of non-US investments</li> <li>• Interest rate risk</li> </ul>

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	believe have competitive relative value, enhances returns. Our security selection process adds value by focusing on total return—not simply yield, price appreciation from mispriced securities and downside risk control and capital preservation. We integrate top-down views and risk controls with a bottom-up valuation process. As of 16 December 2015, the Active Corporate Bond - Long Duration Composite has been renamed the Long Duration Credit - Higher Quality Composite.	<ul style="list-style-type: none"> <li>• Credit risk</li> <li>• Currency risk</li> <li>• Liquidity risk</li> <li>• US government agency obligations risk</li> <li>• Derivatives risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>Absolute Return Bond</b>	Absolute Return Bond seeks to achieve a positive return in all market conditions by investing primarily in a diversified portfolio consisting of any type of money market instruments, debt and debt related instruments. It seeks positive returns through an active and flexible allocation to different segments of the fixed income markets investing in a broad range of issuers of the debt markets, including but not limited to, governmental issuers, supranational bodies, local authorities, international public bodies and corporate issuers incorporated, headquartered or having their principal business activities worldwide.	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Risk of non-US investments</li> <li>• Derivatives risk</li> <li>• Risks of convertible securities</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<b>The following strategies are managed from APIAM’s Durham office.</b>		
<ul style="list-style-type: none"> <li>• <b>Core</b></li> <li>• <b>Investment Grade Corporate Credit</b></li> <li>• <b>Agency MBS</b></li> <li>• <b>High Credit Quality Short Duration</b></li> <li>• <b>Flexible Income Bond</b></li> <li>• <b>Securitized Credit Opportunities</b></li> </ul>	These six strategies consider internal and external analyses of economics, yield curve, and sector allocation, as well as analysis of investment opportunities within market sectors, such as mortgage and consumer securitized credit, corporate credit, and U.S. and non-U.S. sovereigns. When appropriate, we use a portfolio optimization model that examines sector risk and return net of macro-factor exposures to inform certain asset allocation decisions. Our portfolio strategists communicate the broad positioning and characteristics to the portfolio management team for each respective strategy. Individual portfolio managers are responsible for the actual portfolio construction of each client’s portfolio, striving to ensure that, given the individual client’s return and risk parameters and guideline constraints, the portfolio	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Portfolio selection risk</li> <li>• Risk of non-US investments</li> <li>• Market risk</li> <li>• Portfolio turnover risk</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Extension risk</li> <li>• Liquidity risk</li> <li>• Mortgage-related and asset-backed securities risk</li> <li>• High yield bond risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> </ul>

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	<p>appropriately reflects the market valuation and investment themes recommended by the firm’s strategists.</p>	<ul style="list-style-type: none"> <li>• Risk of investing in event-linked bonds</li> <li>• Risk of non-US investments</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• US government agency obligations risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Global Aggregate</b></li> <li>• <b>Global High Yield</b></li> </ul>	<p>Both strategies seek to generate a strong risk adjusted return over the clients’ preferred benchmarks and within the chosen target risk spectrum. The investment philosophy is driven by the following principles:</p> <ul style="list-style-type: none"> <li>• Active management: Structural and behavioral limitations to strict market efficiency allow portfolio managers to achieve excess returns by exploiting inefficiencies in and across major asset classes.</li> <li>• Macro focus: Cyclical forces and powerful structural macro shifts are key drivers of risk premia. Discrepancies between carefully evaluated fair value and market consensus will drive strategies throughout the investment universe.</li> <li>• Diversification: Diversification across asset classes, risk factors, and investment horizons allows us to improve portfolio robustness in a macro/risk-on/risk-off world.</li> <li>• Investment horizon: The established focus on medium- to longer-term equilibrium strategies is enhanced and diversified with shorter-term strategies.</li> <li>• Team based approach: Stability of decision making and coherence of views implemented across portfolios.</li> </ul>	<p><b>Principal Risks:</b></p> <ul style="list-style-type: none"> <li>• Market risk</li> <li>• High yield bond risk</li> <li>• Risk of non-US investments</li> <li>• Interest rate risk</li> <li>• Credit risk</li> <li>• Prepayment or call risk</li> <li>• Extension risk</li> <li>• Liquidity risk</li> <li>• Mortgage-related and asset-backed securities risk</li> <li>• US government agency obligations risk</li> <li>• Risk of investing in floating rate loans</li> <li>• Risk of inverse floating rate obligations</li> <li>• Risk of investing in event-linked bonds</li> <li>• Derivatives risk</li> <li>• Leveraging risk</li> <li>• Credit default swap risk</li> <li>• Redemption risk</li> <li>• Cybersecurity risk</li> </ul>

**Material Risks**

The following is a description of the material risks of APIAM’s significant investment strategies.

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### Material risks of equity and fixed income investments

- **Market risk.** The market prices of securities held may go up or down, sometimes rapidly or unpredictably, due to general market conditions, such as real or perceived adverse economic, political, or regulatory conditions, inflation, changes in interest or currency rates or adverse investor sentiment.
- **Expense risk.** Your actual costs of investing may be higher than the expenses shown in “Annual fund operating expenses” for a variety of reasons. For example, expense ratios may be higher than those shown if overall net assets decrease. Net assets are more likely to decrease and expense ratios are more likely to increase when markets are volatile.
- **Portfolio selection risk.** APIAM’s judgment about a particular security or issuer, about the economy or a particular sector, region or market segment, or about an investment strategy, or APIAM’s allocation of fund assets to the various asset classes, may prove to be incorrect.
- **Portfolio turnover risk.** If a client account does a lot of trading, it may incur additional operating expenses, which would reduce performance. A higher level of account turnover may also cause shareholders to incur a higher level of taxable income or capital gains.
- **Market segment risk.** To the extent a client account may, from time to time, emphasize investments in a market segment, the account will be subject to a greater degree of risks particular to that segment, and may experience greater market fluctuation than an account without the same focus.
- **Risks of non-U.S. investments.** Investing in non-U.S. issuers may involve unique risks compared to investing in securities of U.S. issuers. These risks are more pronounced for issuers in emerging markets or to the extent that the clients account invest significantly in one region or country. These risks may include different financial reporting practices and regulatory standards, less liquid trading markets, currency risks, changes in economic, political, regulatory and social conditions, sustained economic downturns, tax burdens, and investment and repatriation restrictions. Non-U.S. issuers may be located in parts of the world that have historically been prone to natural disasters.
- **Derivatives risk.** Using derivatives exposes a client account to additional risks, may increase the volatility of the net asset value and may not provide the result intended. Derivatives may have a leveraging effect on the client’s portfolio. APIAM may have to sell assets at inopportune times to satisfy the client account’s obligations. Derivatives may be difficult to sell, unwind or value, and the counterparty may default on its obligations to the client.
- **Leveraging risk.** The value of a client’s investment portfolio may be more volatile and other risks tend to be compounded if the client account borrows or

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uses derivatives or other investments that have embedded leverage. Leverage generally magnifies the effect of any increase or decrease in the value of the client account's underlying assets or creates investment risk with respect to a larger pool of assets than the client account would otherwise have. Engaging in such transactions may cause the client account to liquidate positions when it may not be advantageous to do so to satisfy its obligations or meet segregation requirements.

- **Liquidity risk.** Some securities and derivatives held by the strategy may be impossible or difficult to purchase, sell or unwind, particularly during times of market turmoil. An instrument's liquidity may be affected by reduced trading volume, a relative lack of market makers or legal restrictions, and illiquid securities and derivatives also may be difficult to value.
- **Credit default swap risk.** Credit default swap contracts, a type of derivative instrument, involve special risks and may result in losses to the client's investment portfolio. Credit default swaps may in some cases be illiquid, and they increase credit risk since the client account has exposure to both the issuer of the referenced obligation and the counterparty to the credit default swap. Swaps may be difficult to unwind or terminate. The absence of a central exchange or market for swap transactions led, in some instances, to difficulties in trading and valuation, especially in the event of market disruptions. Recent legislation will require most swaps to be executed through a centralized exchange or regulated facility and be cleared through a regulated clearinghouse. The swap market could be disrupted or limited because of this legislation, which could adversely affect a client's account. Moreover, the establishment of a centralized exchange or market for swap transactions may not result in swaps being easier to trade or value.
- **Risks of convertible securities.** The market values of convertible securities tend to decline as interest rates increase and, conversely, to increase as interest rates decline. A downturn in equity markets may cause the price of convertible securities to decrease relative to other fixed income securities.
- **Preferred stocks risk.** Preferred stocks may pay fixed or adjustable rates of return. Preferred stocks are subject to issuer-specific and market risks applicable generally to equity securities. In addition, a company's preferred stocks generally pay dividends only after the company makes required payments to holders of its bonds and other debt. Thus, the value of preferred stocks will usually react more strongly than bonds and other debt to actual or perceived changes in the company's financial condition or prospects. The market value of preferred stocks generally decreases when interest rates rise. Preferred stocks of smaller companies may be more vulnerable to adverse developments than preferred stocks of larger companies.
- **Risks of investing in structured insurance investments (Insurance – Linked Securities Strategy).** The strategy may invest in special purpose

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vehicles (“SPVs”) or similar instruments structured to comprise a portion of a reinsurer’s catastrophe-oriented business, known as quota share instruments (sometimes referred to as reinsurance sidecars), or to provide reinsurance relating to specific risks to insurance or reinsurance companies through a collateralized instrument, known as collateralized reinsurance. Quota share instruments and other structured reinsurance investments generally will be considered illiquid securities by the strategy. Structured reinsurance investments are typically more customizable but less liquid investments than event-linked bonds. Like event-linked bonds, an investor in structured reinsurance investments participates in the premiums and losses associated with underlying reinsurance contracts. Structured reinsurance investments are subject to the same risks as event-linked bonds. In addition, because quota share instruments represent an interest in a basket of underlying reinsurance contracts, the strategy has limited transparency into the individual underlying contracts and therefore must rely upon the risk assessment and sound underwriting practices of the issuer. Structured reinsurance investments may be difficult to value.

- **ILS market and reinvestment risk (Insurance – Linked Securities Strategy).** The size of the ILS market may change over time, which may limit the availability of ILS for investment by the strategy. The original issuance of ILS in general, including ILS with desired instrument or risk characteristics, may fluctuate depending on the capital and capacity needs of reinsurers as well as the demand for ILS by institutional investors. The availability of ILS in the secondary market also may be limited by supply and demand dynamics and prevailing economic conditions. To the extent ILS held by the fund mature, or the strategy must sell securities in connection with share repurchases, the strategy may be required to hold more cash or short-term instruments than it normally would until attractive ILS becomes available. Holding excess cash and/or reinvestment in securities that are lower yielding or less desirable than securities sold may negatively affect performance.
- **Mortgage dollar roll transactions risk (Insurance – Linked Securities Strategy).** The benefits from mortgage dollar roll transactions depend upon the Adviser’s ability to forecast mortgage prepayment patterns on different mortgage pools. The strategy may lose money if, during the period between the time it agrees to the forward purchase of the mortgage securities and the settlement date, these securities decline in value due to market conditions or prepayments on the underlying mortgages.
- **Concentration risk (Insurance – Linked Securities Strategy).** A strategy that invests a significant percentage of its assets in a single industry may be particularly susceptible to adverse economic, regulatory or other events affecting that industry and may be more risky than a strategy that does not concentrate in an industry.

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- **Valuation risk.** The sales price the strategy could receive for any particular portfolio investment may differ from the last valuation of the investment, particularly for illiquid securities and securities that trade in thin or volatile markets or that are valued using a fair value methodology. Investors who purchase or redeem shares on days when the strategy is holding fair-valued securities may receive fewer or more shares or lower or higher redemption proceeds than they would have received if the strategy had not fair-valued the security or had used a different valuation methodology.
- **Redemption Risk.** The strategy may experience periods of heavy redemptions that could cause the strategy to liquidate its assets at inopportune times or at a loss or depressed value particularly during periods of declining or illiquid markets. Redemption risk is greater to the extent that the strategy has investors with large shareholdings, short investment horizons, or unpredictable cash flow needs. The redemption by one or more large shareholders of their holdings in the strategy could cause the remaining shareholders in the strategy to lose money. In addition, the strategy may suspend redemptions when permitted by applicable regulations.
- **Repurchase offers risk (Insurance – Linked Securities Strategy).** The risk that repurchases of shares may hurt investment performance by forcing the strategy to maintain a higher percentage of its assets in liquid investments or to liquidate certain investments when it is not desirable to do so. Repurchases may be oversubscribed, preventing shareholders from selling some or all of their shares back.
- **Cash management risk.** The value of the investments held by the strategy for cash management or temporary defensive purposes may be affected by market risks, changing interest rates and by changes in credit ratings of the investments. To the extent that the strategy has any uninvested cash, the strategy would be subject to credit risk with respect to the depository institution holding the cash. If the strategy holds cash uninvested, the strategy will not earn income on the cash and the yield will go down. During such periods, it may be more difficult for the strategy to achieve its investment objective.
- **Risks of warrants and rights.** If the price of the underlying stock does not rise above the exercise price before the warrant expires, the warrant generally expires without any value and the strategy loses any amount it paid for the warrant. The failure to exercise subscription rights to purchase common shares would result in the dilution of interest in the issuing company.
- **Forward foreign currency transactions risk.** The strategy may not fully benefit from or may lose money on forward foreign currency transactions if changes in currency rates do not occur as anticipated or do not correspond accurately to changes in the value of the client account's holdings, or if the counterparty defaults. Such transactions may also prevent the strategy from

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realizing profits on favorable movements in exchange rates. Risk of counterparty default is greater for counterparties located in emerging markets.

- **Short position risk.** Taking short positions involves leverage of the client account's assets and presents various risks. If the price of the instrument or market on which the strategy has taken a short position increases, then the strategy will incur a loss. Because of leverage, taking short positions involves the risk that losses may be exaggerated, potentially more than the actual cost of the investment. Unlike purchasing a financial instrument like a stock, where potential losses are limited to the purchase price and there is no upside limit on potential gain, short sales involve no cap on maximum losses. Also, there is the risk that a counterparty may fail to perform the terms of the arrangement, causing a loss to the strategy.
- **Commodity investments risk.** Exposure to the commodities markets may subject the client to greater volatility than investments in other securities. The value of commodity-linked derivatives may be affected by changes in overall market movements, commodity index volatility, changes in interest rates, or factors affecting a particular industry or commodity, such as drought, floods, weather, livestock disease, embargoes, tariffs and international economic, political and regulatory developments. The prices of energy, industrial metals, precious metals, agriculture and livestock sector commodities may fluctuate widely due to factors such as changes in value, supply and demand and governmental regulatory policies. Commodity-related investments may be more volatile and less liquid than the underlying commodities, instruments or measures, are subject to the credit risks associated with the issuer, and their values may decline substantially if the issuer's creditworthiness deteriorates. As a result, returns of commodity-linked investments may deviate significantly from the return of the underlying commodity, instruments or measures.
- **Cybersecurity risk.** Cybersecurity failures or breaches by the fund's adviser, transfer agent, distributor, custodian, fund accounting agent, and other service providers may disrupt fund operations, interfere with the fund's ability to calculate its NAV, prevent fund shareholders from purchasing, redeeming or exchanging shares or receiving distributions, cause loss or unauthorized access to private shareholder information, and result in financial losses, regulatory fines, penalties, reputational damage, or additional compliance cost.

### Material risks of equity investments

- **Growth style risk.** The client account's investments do not have the growth potential originally expected. Growth stocks may fall out of favor with investors and underperform the overall equity market.



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- **Value style risk.** The prices of securities APIAM believes to be undervalued, may not appreciate as expected or may go down. Value stocks may fall out of favor with investors and underperform the overall equity market.
- **Small and mid-size companies risk.** Compared to large companies, small and mid-size companies, and the market for their equity securities, may be more sensitive to changes in earnings results and investor expectations. They have more limited product lines and capital resources, experience sharper swings in market values, may be harder to sell at the appropriate times and prices, and offer greater potential for market fluctuation.
- **Risks of investments in REITs.** Investing in real estate investment trusts (“REITs”) involves unique risks. They are significantly affected by the market for real estate and are dependent upon management skills and cash flow. REITs may have lower trading volumes and may be subject to more abrupt or erratic price movements than the overall securities markets. In addition to its own expenses, the client account will indirectly bear its proportionate share of any management and other expenses paid by REITs in which it invests. Many real estate companies, including REITs, utilize leverage.
- **Currency risk.** Investments could experience losses based on changes in the exchange rate between non-U.S. currencies and the U.S. dollar. Currency exchange rates can be volatile, and are affected by factors such as general economic conditions, the actions of the U.S. and foreign governments or central banks, the imposition of currency controls and speculation.
- **Debt securities risk.** Factors that could contribute to a decline in the market value of debt securities in the strategy include rising interest rates, if the issuer or other obligor of a security held by the strategy fails to pay principal and/or interest, otherwise defaults or has its credit rating downgraded or is perceived to be less creditworthy or the credit quality or value of any underlying assets declines. Junk bonds have a higher risk of default or are already in default and are considered speculative.
- **Risks of investment in other funds.** Investing in other investment companies, including exchange-traded funds (ETFs), subjects the fund to the risks of investing in the underlying securities or assets held by those funds. When investing in another fund, the fund will bear a pro rata portion of the underlying fund’s expense, in addition to its own expenses.
- **Risks of initial public offerings.** Companies involved in initial public offerings (IPOs) generally have limited operating histories, and prospects for future profitability are uncertain. The market for IPO issuers has been volatile, and share prices of newly public companies have fluctuated significantly over short periods of time. The purchase of IPO shares may involve high transaction costs.

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### Material risks of fixed income investments

- **Interest rate risk.** Interest rates may go up, causing the value of an account's investments to decline (this risk may be greater for securities with longer maturities).
- **Collateral risk.** The value of collateral, if any, securing a floating rate loan can decline, and may be insufficient to meet the issuer's obligations or may be difficult to liquidate. In addition, access to collateral may be limited by bankruptcy or other insolvency laws. Uncollateralized loans involve a greater risk of loss.
- **Credit risk.** If an issuer or guarantor of a security held or a counterparty to a financial contract with the client account defaults on its obligation to pay principal and/or interest, has its credit rating downgraded or is perceived to be less creditworthy, or the credit quality or value of any underlying assets declines, the value of your investment will decline.
- **Prepayment or call risk.** Many issuers have a right to prepay their securities. If interest rates fall, an issuer may exercise this right. If this happens, the client account will be forced to reinvest prepayment proceeds at a time when yields on securities available in the market are lower than the yield on the prepaid security. The client account also may lose any premium it paid on the security.
- **Extension risk.** During periods of rising interest rates, the average life of certain types of securities may be extended because of slower than expected principal payments.
- **Mortgage-related and asset-backed securities risk.** The value of mortgage-related and asset-backed securities will be influenced by factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid.
- **High yield or "junk" bond risk.** Debt securities that are below investment grade, "junk bonds," are speculative, have a higher risk of default or are already in default, tend to be less liquid and are more difficult to value than higher grade securities. Junk bonds tend to be volatile and more susceptible to adverse events and negative sentiments.
- **Risks of subordinated securities.** A holder of securities that are subordinated or "junior" to more senior securities of an issuer is entitled to payment after holders of more senior securities of the issuer. Subordinated securities are more likely to suffer a credit loss than non-subordinated securities of the same issuer, any loss incurred by the subordinated securities is likely to be

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proportionately greater, and any recovery of interest or principal may take more time. As a result, even a perceived decline in creditworthiness of the issuer is likely to have a greater impact on them.

- **Repurchase agreement risk.** In the event that the other party to a repurchase agreement defaults on its obligations, the fund may encounter delay and incur costs before being able to sell the security. Such a delay may involve loss of interest or a decline in price of the security. In addition, if the fund is characterized by a court as an unsecured creditor, it would be at risk of losing some or all of the principal and interest involved in the transaction.
- **Risks of investing in floating rate loans.** The value of collateral, if any, securing a floating rate loan can decline or may be insufficient to meet the issuer's obligations or may be difficult to liquidate. No active trading market may exist for many floating rate loans, and many loans are subject to restrictions on resale.
- **Risks of inverse floating rate obligations.** The interest rate on inverse floating obligations will generally decrease as short-term interest rates increase, and increase as short-term rates decrease. Due to their leveraged structure, the sensitivity of the market value of an inverse floating rate obligation to changes in interest rates is generally greater than a comparable long-term bond issued by the same issuer and with similar credit quality, redemption and maturity provisions. Inverse floating rate obligations may be volatile and involve leverage risk.
- **Risks of investing in event-linked bonds.** The return of principal and the payment of interest on "event-linked" bonds are contingent on the non-occurrence of a pre-defined "trigger" event, such as a hurricane or an earthquake of a specific magnitude. In addition to the specified trigger events, event-linked bonds may expose the client account to other risks, including but not limited to issuer (credit) default, adverse regulatory or jurisdictional interpretations and adverse tax consequences.
- **Risks of zero coupon bonds, payment in kind, deferred and contingent payment securities.** These securities may be more speculative and may fluctuate more in value than securities which pay income periodically and in cash. In addition, although the fund receives no periodic cash payments on such securities, the fund is deemed for tax purposes to receive income from such securities, which applicable tax rules require the fund to distribute to shareholders. Such distributions may be taxable when distributed to shareholders.
- **U.S government agency obligations risk.** APIAM may invest in obligations issued by agencies and instrumentalities of the U.S. government. Government sponsored entities such as Fannie Mae, Freddie Mac and Federal Home Loan Banks (FHLBs), although chartered or sponsored by Congress, are not funded

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by congressional appropriations and the debt and mortgage-backed securities issued by them are neither guaranteed nor issued by the U.S. government. Although the U.S. government has provided financial support to Fannie Mae and Freddie Mac in the past, there can be no assurance that it will support these or other government sponsored entities in the future.

- **U.S. Treasury obligations risk.** The market value of direct obligations of the U.S. Treasury may vary due to changes in interest rates. In addition, changes to the financial condition or credit rating of the U.S. government may cause the value of the fund's investments in obligations issued by the U.S. Treasury to decline.
- **Risk of disadvantaged access to confidential information.** The adviser's decision not to receive material, non-public information about an issuer of a loan either held by, or considered for investment by, the fund, under normal circumstances could place it at a disadvantage, relative to other loan investors, in assessing a loan or the loan's issuer, and adversely affect the fund's investment performance.

This Brochure is not intended to, nor does it, provide any financial, investment or professional advice and nothing contained herein shall be regarded as an offer or provision of financial, investment or other professional advice in any way.

This Brochure is not intended to, nor does it, constitute an offer to sell or solicitation of an offer to buy any advice or recommendation with respect to such securities.

### Disciplinary Information

Neither APIAM nor any of its management persons has been subject to any legal or disciplinary events that are material to a client's or prospective client's evaluation of APIAM's advisory business or the integrity of APIAM's management.

### Other Financial Industry Activities and Affiliations

APIAM has a number of relationships with related persons that are material to its advisory business or its clients.

Amundi Pioneer, a wholly owned subsidiary of Amundi USA and under common control with APIAM, is a registered investment adviser primarily engaged in providing investment advice to registered investment companies. Amundi Pioneer is registered with the CFTC as a CPO and a CTA.

Amundi Pioneer provides various support services to APIAM, including trade management and related services. Employees of APIAM who provide portfolio management, trade management and related services may also work for Amundi Pioneer. APIAM and Amundi Pioneer use

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various similar policies and procedures, including trading related policies and procedures. The orders to buy and/or sell securities or other financial instruments for APIAM's and Amundi Pioneer's clients may be handled through a central trading desk or by individuals working for both Amundi Pioneer and APIAM.

APIAM's investment strategies are managed by management persons who also work for Amundi Pioneer and manage registered investment companies (Pioneer mutual funds) with investment strategies similar to those of client accounts managed by APIAM. Securities frequently meet the investment objectives of one or more investment strategies of APIAM clients and Pioneer mutual funds. In such cases, the decision to recommend a purchase to one client or fund rather than another is based on a number of factors. In determining which securities to buy or sell for a client and in what amount, APIAM may consider a variety of factors, including the client's investment objectives and strategies, the client's diversification and liquidity requirements, the size of the client's account, tax implications, the marketability of the securities, the characteristics of the client's account and other relevant factors, such as the size of an available purchase or sale opportunity, the extent to which an available opportunity would represent a meaningful portion of the client's account, and the availability of comparable opportunities. Other factors considered include the amount of securities of the issuer then outstanding, the value of those securities and the market for them. APIAM may make purchase and sale decisions with respect to a particular client account that may be the same as, or differ from, the recommendations made, or the timing or nature of the action taken, with respect to other accounts.

It is possible that at times similar securities will be held by more than one client and/or fund. However, positions in the same issue may vary and the length of time that any client or fund may choose to hold its investment in the same issue may likewise vary. To the extent that multiple clients and/or funds seek to acquire the same security at about the same time, a client may not be able to acquire as large a position in such security as is desired or it may have to pay a higher price for the security. Similarly, a client may not be able to obtain as large an execution of an order to sell or as high a price for any particular portfolio security if APIAM and/or Amundi Pioneer decides to sell the same portfolio security at the same time on behalf of other client accounts or funds. On the other hand, if the same securities are bought or sold at the same time by more than one client or fund, the resulting participation in volume transactions could produce better executions for the client. In the event more than one client purchases or sells the same security on a given date, the purchases and sales will normally be made as nearly as practicable on a pro rata basis in proportion to the amounts desired to be purchased or sold by such clients.

The "Performance-Based Fees and Side-by-Side Management" section of this Brochure provides information on how investment opportunities and trades are allocated in an effort to avoid such conflicts of interest.

Amundi USA Inc., Amundi Pioneer Distributor, Inc., APIAM and Amundi Pioneer are indirect wholly owned subsidiaries of Amundi. Amundi has other subsidiaries that are engaged in the investment management business that are not registered as investment advisers under the Investment Advisers Act of 1940, as amended.

Amundi has other subsidiaries that are engaged in the banking businesses in numerous countries. Amundi's portfolio management activity is organized at a local level. In addition to the portfolio

## FIRM BROCHURE

management activity of APIAM in the U.S., Amundi conducts portfolio management operations in numerous countries. Amundi and its subsidiaries may own investment securities, and from time to time, APIAM will make an investment decision on behalf of its clients to purchase or sell a security in which Amundi or one of its other subsidiaries has positions or interests subject to applicable law. APIAM's portfolio managers operate separately and independently of any portfolio managers that make decisions to purchase and sell securities on behalf of Amundi. It is APIAM's policy not to purchase or sell securities on behalf of clients based on any position or interest that Amundi or such other subsidiaries may have in such securities.

Amundi has joint venture investments in other entities, any of which may be considered affiliated companies or related persons of APIAM ("Amundi Affiliates"). Certain of these Amundi Affiliates are involved in international venture capital and others provide investment advice and/or make investments in securities for their own or client accounts. Subject to applicable law, APIAM may purchase or sell for, or recommend for purchase or sale by, a client account securities that such Amundi Affiliates may own, directly or indirectly. Additionally, affiliated advisers may recommend to their clients, or invest on behalf of their clients in securities that are the subject of recommendations to, or discretionary trading on behalf of, APIAM's U.S.-based clients. While each of these entities may act independently from APIAM with respect to making investment decisions for client accounts or, if applicable, for a proprietary account, investment information and data is exchanged between or among APIAM and some or all of such Amundi Affiliates.

APIAM may recommend investments in securities that also may be owned by its affiliates, officers or employees (either directly or through pooled investment vehicles in which such persons have invested) or clients of related investment advisers of APIAM.

APIAM may manage private investment pools in which affiliates, officers and employees of APIAM, as well as persons not affiliated with APIAM, may invest and for which affiliates may serve as managers. These investment vehicles may have investment objectives that are comparable to the investment objectives of other clients. The private investment pools may invest in the same or similar securities as other clients of APIAM. Investment opportunities will be allocated among the private investment pools and other clients in accordance with APIAM's Investment Trade and Allocation policy.

APIAM has adopted a Conflicts of Interest Policy that is designed to establish a framework for identifying circumstances and relationships that might constitute a conflict of interest and to address these conflicts in a manner that is fair and equitable to APIAM's clients and to APIAM and does not disadvantage a client. This policy requires the full disclosure of actual or potential conflicts of interests with clients. If a potential conflict cannot be resolved or eliminated, internal controls will be designed to oversee the conduct or business practice. The conduct or business practice may be discontinued.

In contrast to the portfolio management activities described above, Amundi has research activities globally. Research is communicated via email to global investment staff, including investment personnel of APIAM. All documents are emailed and housed in a proprietary document management system for real-time communication of research to all members of investment

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management on a global basis. Research is communicated throughout the organization, giving portfolio managers the opportunity to react accordingly.

APIAM may act as an investment adviser or sub-adviser to investment pools sponsored by certain of these affiliates.

### **Code of Ethics, Participation or Interest in Client Transactions and Personal Trading**

APIAM has adopted a Code of Ethics pursuant to Rule 204A-1 under the Investment Advisers Act of 1940, as amended. Among other things, APIAM's Code of Ethics requires supervised persons of APIAM to comply with federal securities laws, and to adhere to certain standards of business conduct that reflect APIAM's fiduciary obligations to its clients. In addition, supervised persons of APIAM who participate in or have access to investment decisions on behalf of APIAM's clients must report his or her personal securities transactions and holdings to APIAM, pre-clear certain transactions with Pioneer's Compliance Department, and refrain from engaging in certain investment activities. To the extent APIAM retains a sub-adviser with respect to any account under its management, APIAM requires that such sub-adviser adopt a code of ethics that complies with the requirements of Rule 204A-1 under the Investment Advisers Act.

One of the key objectives of the APIAM Code of Ethics is to prevent personal trades by APIAM officers and employees based on information about securities transactions made for advisory clients. Each officer or employee with access to Advisory Client information must obtain pre-clearance for all reportable securities transactions in his or her personal accounts, ("Access Person").

Each APIAM employee must observe the following fiduciary principles with respect to his or her personal investment activities:

- At all times, each APIAM employee must place the interests of advisory clients first;
- Personal securities transactions of employees must be conducted in a manner designed to avoid actual or potential conflicts of interest with the interests of any advisory client or any abuse of the employee's position of trust and responsibility; and
- Each APIAM employee must avoid actions or activities that would allow him or her to inappropriately profit or benefit from his or her position at Pioneer, or that otherwise brings into question the employee's independence or judgment.

A copy of the Code of Ethics will be provided to any client or prospective client upon request.

**Brokerage Practices**

Subject to any directed brokerage arrangements, it is the policy of APIAM to select brokers or counterparties to execute client transactions in a manner that is consistent with the fiduciary obligations of APIAM to the client for whom the transaction is being executed, and to employ a trading process that attempts to maximize the value of a client's portfolio within the client's stated investment objectives and constraints. The policy embodies the obligation of an adviser to seek what is commonly referred to as "best execution." Best execution means that the total costs or proceeds to a client are the most favorable under the circumstances. Best execution does not mean that APIAM must obtain the lowest possible commission cost (or markup or markdown), but rather means that APIAM should seek to obtain the best overall qualitative execution for the client.

APIAM will place orders pursuant to its investment determinations for each client either directly with the issuer or with any broker or dealer, foreign currency dealer, futures commission merchant or others selected by it. APIAM will seek the best overall execution available in the selection of brokers or dealers or counterparties and the placing of orders for each client. In assessing the best execution available for any transaction, APIAM may consider factors it deems relevant, including the size and type of the transaction, the nature and character of the markets for the security to be purchased or sold, the execution capabilities and financial condition of the broker or dealer or counterparty, and the reasonableness of the commission or dealer spread, if any (whether for a specific transaction or on a continuing basis).

In connection with the selection of such brokers or dealers and the placing of such orders, subject to applicable law, brokers or dealers may be selected who also provide brokerage and research services (as those terms are defined in Section 28(e) of the Securities Exchange Act of 1934, as amended (the "Exchange Act")) to the client and/or the other accounts over which APIAM or its affiliates exercise investment discretion. Consistent with Section 28(e), if APIAM determines in good faith that the amount of commissions charged by a broker-dealer is reasonable in relation to the value of the brokerage and research services provided by the broker-dealer, a client may pay commissions (or markups or markdowns) to the broker-dealer in an amount greater than the amount another firm may charge. These services may include advice concerning the value of securities; the advisability of investing in, purchasing or selling securities; the availability of securities or the purchasers or sellers of securities; providing stock quotation services, credit rating service information and comparative fund statistics; furnishing analyses, electronic information services, manuals and reports concerning issuers, industries, securities, economic factors and trends, portfolio strategy, and performance of accounts and particular investment decisions; and effecting securities transactions and performing functions incidental thereto (such as clearance and settlement). APIAM benefits when it uses client brokerage commissions (or markups or markdowns) to obtain research or other services that it would otherwise have to produce or purchase.

APIAM maintains a listing of broker-dealers who provide such services on a regular basis. However, because many transactions on behalf of a client and other investment companies or accounts managed by APIAM are placed with broker-dealers (including broker-dealers on the listing) without regard to the furnishing of such services, it is not possible to estimate the



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proportion of such transactions directed to such broker-dealers solely because such services were provided. APIAM believes that no exact dollar value can be calculated for such services.

The research received from broker-dealers may be useful to APIAM in rendering investment management services to the client whose account generated the soft dollar benefit, as well as other accounts managed by APIAM, although not all such research may be useful to a client. Conversely, such information provided by brokers or dealers who have executed transaction orders on behalf of such other accounts may be useful to APIAM in carrying out its obligations to a client. The receipt of such research enables APIAM to avoid the additional expenses that might otherwise be incurred if it were to attempt to develop comparable information through its own staff. APIAM will seek to allocate soft dollar benefits to client accounts proportionately to the soft dollar credits the accounts generate.

Promotional or sales efforts provided or conducted by broker-dealers are not considered in the selection of broker-dealers.

Certain brokerage and research services also may assist APIAM beyond the investment decision-making process. In such instances, APIAM will determine the portion of such brokerage and research not used in the investment decision-making process and will pay for such portion out of its own funds. APIAM maintains a list of broker-dealers that regularly provide these services. However, because many transactions on behalf of accounts managed by APIAM are placed with broker-dealers (including broker-dealers on the list) without regard to the furnishing of additional services, it is not possible to estimate the proportion of transactions directed to broker-dealers solely because they provide other services.

Certain accounts may have directed brokerage arrangements or other limitations that restrict APIAM's ability to aggregate orders for such accounts with orders for other accounts and provide best execution. In those cases, APIAM will make an effort to obtain prices comparable to those obtained for unrestricted accounts; however, trades for restricted accounts will generally occur after trades for unrestricted accounts. Trades will be prioritized among restricted accounts in a fair and equitable manner. APIAM does not engage in activities such as directing brokerage to a broker-dealer who either has made a referral or has been designated by a solicitor.

APIAM may aggregate orders to purchase or sell the same security for multiple accounts if permitted by a client. In some cases, APIAM may not aggregate orders for accounts managed out of one APIAM office with orders for accounts managed out of another APIAM office. Whenever APIAM aggregates orders, all accounts that participate in the transaction will participate on a pro rata or other objective basis. To the extent that orders are not aggregated, including orders for accounts that are managed out of different APIAM offices, clients may not receive the same transaction price and transaction costs may be higher.

Cross trading generally refers to the practice by which APIAM causes an account to buy or sell securities from or to another account. APIAM will only engage in a cross trade where it has determined that such trade is in the best interests of each account and is otherwise consistent with APIAM's fiduciary duty to each account. APIAM may trade securities between accounts for a variety of reasons, including, to manage cash flows; to maintain appropriate compositions and weightings; where securities owned by one account subsequently become less appropriate for that

## FIRM BROCHURE

account and more appropriate for a different account; or other instances where portfolio management requirements indicate that accounts will be buying and selling the same securities and the purchase and sale decision is made independently for each account.

However, cross trades can be affected in a manner that may be perceived to favor one account over another. For instance, an investment adviser may be viewed as crossing securities that are expected to increase in value from accounts paying lower fees to accounts paying higher fees (e.g., performance-based fees) or to investment companies of which the investment performance is important to the marketing of shares of such investment companies. Conversely, an investment adviser may be perceived as crossing securities that are expected to decrease in value from accounts paying higher performance-based fees to accounts paying lower performance-based fees.

In effecting cross trades, APIAM is subject to the rules and regulations applicable to its activities as a registered investment adviser and the rules and regulations applicable to its accounts, such as the Investment Advisers Act of 1940, The Employee Retirement Income Security Act of 1974 (“ERISA”) and the rules and regulations of certain foreign regulatory authorities, such as the Bank of Italy.

APIAM may enter into transactions for clients with affiliated funds or other clients (known as “crossing securities” or “cross trades”), subject to applicable law. APIAM believes that the potential benefit to client accounts that may result from crossing securities outweighs the potential risks. Cross trades are effected pursuant to procedures established by APIAM. APIAM will cross securities between client accounts where possible if it is in the best interests of the account.

Each cross trade is reported on a quarterly basis to the global compliance department and upon request to a respective client.

### Review of Accounts

The investment management functions of APIAM are organized into three main areas: portfolio management, research (which includes fundamental research, quantitative research and investment risk) and trading.

Portfolio management of the portfolios managed by APIAM is grouped in teams according to common elements of market, style and objective (e.g., international equity, domestic equity (comprised of small company investment, large and mid-cap value and growth investments, and core investments) and fixed income). Each team consists of investment professionals who meet regularly to discuss holdings, prospective investments and portfolio composition. Day-to-day management of a portfolio is the responsibility of a designated portfolio manager or team of portfolio managers.

Accounts also are reviewed by APIAM’s Investment Committee, which meets to:

- Review and evaluate investment performance;
- Review and approve the development, modification and use of investment strategies, techniques and instruments;

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- Review and evaluate the feasibility of all product-related proposals, including investment capability and allocation of resources; and
- Review and address investment-related compliance matters.

In addition, Pioneer's Compliance Department provides an ongoing review of the investment activities with respect to each client account in an effort to ensure that the assets of such account are managed in conformity with investment guidelines applicable to the account. The Compliance Department monitors investment compliance using an automated compliance tool, BlackRock Solutions ("BRS").

In general, equity orders are tested for compliance before execution of a transaction. For the majority of transactions BRS is used to test fixed income trades for compliance with investment guidelines on a pre-trade basis. There are instances, however, where due to the purchased security, or the trade being transacted via a phone call, compliance is monitored immediately after execution of a transaction on a pre-allocation basis. We also conduct nightly fixed income compliance checks on all accounts ("batch monitoring").

Certain fixed income trades are reviewed for immediate post-execution compliance on trade date. Trades are required to be entered into the order management system that will run the compliance checks within two hours of execution. As most securities are purchased in blocks (including allotments for other commonly managed accounts), any purchase that will cause the portfolio with a limit to be out of compliance is not allowed to proceed further in the trade flow.

Investment limitations that cannot be tested by the automated compliance system normally are monitored manually.

### **Client Referrals and Other Compensation**

APIAM has not utilized or paid any external marketers in connection with solicitation of public fund mandates. APIAM may enter into agreements with firms to direct clients to APIAM for non-Public Fund institutional advisory management services subject to the requirements of Rule 206(4)-3 under the Investment Advisers Act. APIAM intends to pay for such services generally as a percentage of new assets managed. The clients of Pioneer are not charged for any fees paid to such firms.

### **Custody**

APIAM does not maintain physical custody over client assets, but APIAM is deemed to have custody over a pooled investment vehicle for which APIAM serves as a managing member.

APIAM is also deemed to have custody of certain client assets because an affiliate under common management with APIAM maintains custody of the assets of certain accounts managed by APIAM on behalf of its clients. This affiliate operates independently from APIAM. Advisory personnel for APIAM do not hold any position with the affiliate or share a location with the affiliate.

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Because we serve as managing member or investment manager of certain APIAM sponsored private funds, and because our officers serve as directors of certain of these private funds, we are deemed to have “custody” over these private funds within the meaning of Rule 206(4)-2 under the Investment Advisers Act. To comply with this rule, each investor in the private fund receives audited financial statements within 120 days following the private fund’s fiscal year end. If you have invested in one or our sponsored private funds, you should review these audited financial statements carefully. If you have not received audited financial statements timely, please contact us. At least monthly, the fund administrator provides the net asset value statements to investors in APIAM sponsored private funds. As a courtesy, we provide investors in APIAM sponsored private funds with written monthly reports.

APIAM does not have the ability to deduct fees directly from client accounts.

### **Investment Discretion**

APIAM usually receives discretionary authority from the client at the outset of an advisory relationship to select the identity and amount of securities to be bought or sold. In all cases, however, such discretion is to be exercised in a manner consistent with the stated investment objectives for the particular account and the investment advisory agreement for such client. APIAM requires an executed management agreement before assuming discretionary investment authority.

Investment guidelines and restrictions must be provided to APIAM in writing.

### **Voting Client Securities**

APIAM has adopted policies and procedures concerning the voting of proxies on behalf of client accounts. Clients may request that APIAM vote proxies on their behalf or may retain such voting responsibility.

When delegating proxy-voting authority for a client, APIAM will vote proxies presented in a timely manner in a manner consistent with the best interest of its clients. APIAM’s sole concern in voting proxies is the economic effect of the proposal on the value of portfolio holdings. APIAM’s proxy voting policies and procedures are designed to complement APIAM’s policies and procedures regarding its general responsibility to monitor the performance and/or corporate events of companies that are issuers of securities held in accounts managed by APIAM. APIAM’s proxy voting policies summarize APIAM’s position on a number of issues solicited by companies held by APIAM’s clients. The policies are guidelines that provide a general indication on how APIAM would vote but do not include all potential voting scenarios.

The overriding goal is that all proxies for US and non-US companies that are received promptly will be voted in accordance with APIAM’s policies or specific client instructions. All shares of an issuer held by accounts managed by APIAM will be voted alike, unless a client has given APIAM

## FIRM BROCHURE

specific voting instructions on an issue or APIAM determines that the circumstances justify a different approach.

APIAM has engaged an independent proxy voting service to assist in the voting of securities. The proxy voting service works with the custodians to ensure all proxy materials are received by the custodians and processed in a timely manner. To the extent applicable, the proxy voting service votes all proxies in accordance with APIAM's proxy voting guidelines. The proxy voting procedures describe circumstances in which the proxy voting service will refer proxy questions to APIAM.

Clients may review APIAM's proxy voting policies and procedures online at <http://www.pioneerinvestments.com>. Clients may request a copy of applicable voting records by contacting APIAM.

APIAM addresses potential material conflicts of interest by having a predetermined proxy voting policy. APIAM delegates to the Amundi Pioneer Proxy Voting Oversight Group for the monitoring of potential conflicts of interest in connection with the voting of proxies on behalf of APIAM clients.

Any associate involved in the proxy voting process with knowledge of any apparent or actual conflict of interest must disclose such conflict to the Proxy Coordinator and the Chief Compliance Officer of the Adviser and Funds. The Amundi Pioneer Proxy Voting Oversight Group will review each item referred to APIAM by the proxy voting service to determine whether an actual or potential conflict of interest with APIAM exists in connection with the proposal(s) to be voted upon. The review will be conducted by comparing the apparent parties affected by the proxy proposal being voted upon against the Controller's and Compliance Department's internal list of interested persons and, for any matches found, evaluating the anticipated magnitude and possible probability of any conflict of interest being present. For each referral item, the determination regarding the presence or absence of any actual or potential conflict of interest will be documented in a Conflicts of Interest Report prepared by the Proxy Coordinator.

### **Financial Information**

APIAM does not have a financial condition that is reasonably likely to impair its ability to meet contractual commitments to clients. APIAM has not been the subject of a bankruptcy proceeding.

### **Business Continuity**

APIAM has implemented a Business Continuity policy that describes the firm's program to respond to a significant business disruption or other failure in its ability to continue to conduct business or meet its obligations to its clients. As a subsidiary of APAMUSA, APIAM is included in APAMUSA's Business Continuity Plan ("BCP Plan"). The BCP Plan, which is maintained by Pioneer's Risk Management Department, is updated upon any material change to APAMUSA's operations, structure, business, or location and distributed to the Management Committee of APAMUSA, Inc. at least annually.

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The BCP Plan is based on an assessment of the following: identification of significant business disruptions; description of APIAM's mission-critical operations; and description or assessment of APIAM's operational risk, such as loss of communication systems, loss of access to, or total loss of, paper, books and records, loss of access to electronic records, loss of access to the building, or loss of personnel. The Business Continuity policy summarizes key elements of the BCP Plan.

The firm contracts with SunGard to provide a redundant data center and dedicated work area recovery site in Marlborough, MA, that includes recovery of all operations and critical systems, including trading and accounting systems, key network files, and email systems. This facility is augmented with remote access to all mission critical systems capabilities for the firm's staff.

The firm conducts business-wide operational tests of the facility, including with fixed income and equity trading, operations and compliance staff, supported by technology and general service teams twice annually.

**Form ADV Part 2B – Brochure Supplement**

**Pioneer Institutional Asset Management, Inc.**

**March 30, 2017**

**Investment Division**

Kenneth J. Taubes	Marco Pirondini	Cosimo Marasciulo
John A. Carey	Sammi Le Truong	Michael Temple
Walter Hunnewell, Jr.	Andrew Feltus	David J. Eurkus
Craig D. Sterling	Jonathan Sharkey	Bradley Komenda
Jeffrey Kripke	Tracy A. Wright	Michele Garau
Andrew Acheson	Charles Melchreit	Howard Weiss
Paul Cloonan	Seth Roman	Andrew Arbthnott
Roberto Campani	Andreas Wosol	

Pioneer Institutional Asset Management, Inc.  
60 State Street  
Boston, Massachusetts 02109  
617-422-4700

This brochure supplement provides information about the above named individuals that supplements the Pioneer Institutional Asset Management, Inc. (“PIAM”) brochure. You should have received a copy of that brochure. Please contact Stephen P. Carr, Director of Compliance-Regulatory Reporting, if you did not receive the brochure for PIAM or if you have any questions about the contents of this supplement.

PIAM’s investment strategies are managed by management persons who also work for Pioneer Investment Management, Inc. (“PIM”) and manage registered investment companies (Pioneer mutual funds) with investment strategies similar to those of client accounts managed by PIAM.

PIM provides various support services to PIAM, including trade management and related services.



**KENNETH J. TAUBES, Executive Vice President, Chief Investment Officer, US**  
**Utica College of Syracuse University, B.S. (1980), Suffolk University, M.B.A. (1985)**  
**Year of Birth: 1958**  
**Years in Investments: since 1983**

Ken Taubes is Chief Investment Officer of Pioneer Investment Management, Inc., the U.S. investment division of Pioneer Investments. He manages Core and Core Plus strategies for retail and institutional clients. He is Portfolio Manager on the Pioneer Strategic Income Fund and Pioneer Bond Fund, and oversees the equity and fixed income portfolio management and research analyst staff in the U.S.

**Education / Experience:**

Prior to joining Pioneer Investments in 1998, Mr. Taubes spent seven years with Putnam Investments in Boston, most recently as senior vice president and senior portfolio manager for over \$15 billion in fixed income assets for more than 30 institutional accounts and 15 open-end mutual funds. Mr. Taubes also served as senior vice president and corporate treasurer of Home Owners Savings Bank in Boston, New England's largest thrift holding company and one of the nation's largest mortgage banks, where he worked from 1986 to 1990. He began his career in 1980 with Bank of New England as a treasury officer in the bank's international treasury division. Mr. Taubes received a B.S. in accounting from Syracuse University's Utica College and an M.B.A. from Suffolk University in Boston. Mr. Taubes has been actively using derivatives type instruments throughout his career at both Putnam and Pioneer.

**Disciplinary Information:**

None

**Other Business Activities:**

Mr. Taubes is a member of a not for profit finance committee of a religious organization. Mr. Taubes does not receive any compensation with respect to this position and his relationship with this organization does not create a material conflict of interest with our clients.

**Additional Compensation:**

None

**Supervision:**

Lisa Jones, as Chief Executive Officer of PIM is Mr. Taubes's supervisor and she can be reached at the telephone number on the cover page of this supplement.

**JOHN A. CAREY, CFA, Executive Vice President, Portfolio Manager**  
**Columbia University, B.A. (1971), Harvard University, A.M. (1972), Ph.D. (1979)**  
**Year of Birth: 1949**  
**Years in Investments: since 1979**

Mr. Carey is Executive Vice President of Pioneer Investment Management, Inc., Pioneer's Boston-based fund management company, and portfolio manager of Pioneer Fund, Pioneer's oldest mutual fund, Pioneer Fund VCT Portfolio, Pioneer Equity-Income Fund, Pioneer Equity-Income VCT Portfolio, U. S. Pioneer Fund Luxembourg, and several institutional accounts patterned mainly after Pioneer Fund. In addition to those money-management duties, he has a number of corporate responsibilities as member of the Operating Committee, the U. S. Investment Committee, and several other committees.

**Education / Experience:**

Mr. Carey joined Pioneer in 1979 and during his career with the company has analyzed many industries, including publishing, media, and autos. His previous experience includes consulting and venture capital as well as teaching. Mr. Carey received his B. A. degree from Columbia University and his A. M. and Ph. D. degrees from Harvard University. Mr. Carey has a Chartered Financial Analyst ("CFA") designation. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

Mr. Carey is involved in the following outside business activities:

- Musicians of the Old Post Road – Treasurer and member of the Board of Directors
- New England Conservatory – Member of the Board of Visitors
- Cambridge Society for Early Music – Member of the Board of Directors
- Juventas New Music – Member of the Board of Directors and interim president.
- Trinity Church Episcopal at Newton Centre – Chairman of the Investment Committee.
- Boston Early Music Festival – Member of the Board of Incorporators.
- Harvard University Graduate School of Arts and Sciences – Vice Chairman of Leadership Giving.

- Owner and landlord of two rental properties in Boston, MA, and one rental property in West Tisbury, MA

Mr. Carey does not receive any compensation with respect to these positions and his relationship with these organizations does not create a material conflict of interest with our clients.

**Additional Compensation:**

None

**Supervision:**

Marco Pirondini, as Executive Vice President and Head of U.S. Equities of PIM is Mr. Carey's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**WALTER HUNNEWELL, JR., CFA, Vice President, Portfolio Manager**

**Harvard, A.B. (1979), University of Chicago, M.B.A. (1985)**

**Year of Birth: 1956**

**Years in Investments: since 1985**

Mr. Hunnewell is Associate Portfolio Manager of Pioneer Fund and Pioneer Equity Income Fund, based in the Boston office of Pioneer Investments. As Portfolio Manager, he also manages the equity sleeve of the Pioneer Classic Balanced Fund.

**Education / Experience:**

Walter began his investment career in 1985. Prior to joining Pioneer in 2001, he was an independent investment manager and fiduciary of individual and trust taxable equity portfolios. Previously, he was a Global Equity Analyst with Putnam Investments (1993-1999) and a Managing Director of Veronis, Suhler & Associates (1985-1993). Mr. Hunnewell holds an AB from Harvard University (1979) and an MBA from the University of Chicago (1985). Mr. Hunnewell has a Chartered Financial Analyst designation. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

John A. Carey, as an Executive Vice President of PIM is Mr. Hunnewell's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**CRAIG D. STERLING – Senior Vice President, Portfolio Manager, Head of Equity Research, U.S.**

**Washington University (St. Louis) (1991), University of Chicago Booth School of Business, M.B.A. (2000)**

**Year of Birth: 1969**

**Investment Experience: Since 1991**

Craig Sterling is Senior Vice President and Head of Equity Research, U.S. at Pioneer Investments. In this role, he manages Pioneer's team of fundamental and quantitative equity research analysts based in Boston, which conducts proprietary research on a wide range of U.S. companies and supports the equity investments made by Pioneer's portfolio management teams globally. Craig is also a manager on Pioneer Core Equity Fund, Pioneer Disciplined Growth Fund and Pioneer Disciplined Value Fund.

Prior to joining Pioneer Investments, Mr. Sterling was Managing Director and Global Head of Equity Research at EVA Dimensions LLC in New York, an independent equity research firm. At EVA, he served on the executive committee and managed a research team that publishes company, industry, and thematic research based on the Economic Value Added (EVA) – based framework. Additionally, Mr. Sterling consulted with asset management and hedge fund clients on all aspects of their fundamental investment decision process; engaged in bespoke client projects; and actively contributed to continuous improvement of the EVA platform. His client engagement included consulting to Chief Investment Officers and Directors of Research to implement structure into the fundamental investment decision process using EVA framework data, analytical tools and research.

Before joining EVA Dimensions, Mr. Sterling served as a Director in the HOLT Group at Credit Suisse, and led the firm's effort to develop HOLT into a highly valued provider of equity research. He developed strategic frameworks for hundreds of company and sector analyses that integrated a common economic framework with fundamentals and themes. Mr. Sterling also co-authored papers on M&A, corporate life cycles, and understanding the valuation of companies and industries in secular decline. Before Credit Suisse, Mr. Sterling worked in the Global Industrials Group of the Investment Bank of UBS and the Investment Services Division of Mesirow Financial.

Mr. Sterling holds an undergraduate business degree from Washington University (St. Louis) and an MBA from the University of Chicago Booth School of Business.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Marco Pirondini, as Executive Vice President and Head of U.S. Equities of PIM is Mr. Sterling's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**JEFFREY KRIPKE, Senior Vice President, Portfolio Manager**  
**Tufts University, B.A. (1989), Columbia University M.B.A. (1995)**  
**Year of Birth: 1966**  
**Years in Investments: since 1995**

Jeffrey Kripke is a Portfolio Manager specializing in large-cap equity investing.

**Education / Experience:**

Prior to joining Pioneer Investments, Mr. Kripke was Co-CIO of the Disciplined Equity Group at Allianz Global Investors, and Portfolio Manager of a core equity strategy. Before that, he was an Associate Partner and Portfolio Manager for 13 years at Wellington Management Co., where he worked on a high-quality core equity strategy. Before joining Wellington, Mr. Kripke held portfolio management roles at Merrill Lynch Asset Management and Morgan Stanley Asset Management. Prior to becoming a portfolio manager, Mr. Kripke was a utilities analyst at the former Prudential Securities Inc.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Marco Pirondini, as Executive Vice President and Head of U.S. Equities of PIM is Mr. Kripke's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**ANDREW ACHESON, Senior Vice President, Portfolio Manager**

**Cranfield School of Management, England, M.B.A. (1994)**

**Year of Birth: 1963**

**Years in Investments: since 1994**

Andrew Acheson is Senior Vice President, Portfolio Manager and leader of the Growth Team for Pioneer Investment Management, Inc. Andrew has been Portfolio Manager of Pioneer Independence Fund since November 2001. He is also portfolio manager of Pioneer Azionario America (which he has managed since 1999), and co-manager of the Pioneer Fundamental Growth Fund.

**Education / Experience:**

Before relocating to Pioneer's Boston office in 2001, he was portfolio manager of various Luxembourg and Italian domiciled U.S. equity funds in our Dublin office. From 1994 to 1999, he worked as U.S. Portfolio Manager at Setanta Asset Management in Dublin and as assistant U.S. Portfolio Manager at Norwich Union Investment Management in England. Mr. Acheson has been actively managing US equity portfolios since 1994, and since 2000, managing derivatives (primarily equity futures, and equity options) which are used in a number of portfolios under his management. Earlier in his career he was a Captain in The Queen's Royal Irish Hussars, a British cavalry regiment. He served in the U.K., Germany and the Middle East, including the Gulf War. Andrew earned his Master's in Business Administration at the Cranfield School of Management, England in 1994.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Marco Pirondini, as Executive Vice President and Head of U.S. Equities of PIM is Mr. Acheson's supervisor and he can be reached at the telephone number on the cover page of this supplement.



**PAUL CLOONAN, CFA, Senior Vice President, Head of U.S. Equity Research**  
**College of the Holy Cross, B.A. (1989), Babson College, M.B.A. (1994)**  
**Year of Birth: 1967**  
**Years in Investments: since 1994**

Paul Cloonan is the Head of US Equity Research and is a fundamental analyst with specific responsibility for the U.S. Semiconductor and Media Industries. He is a Portfolio Manager on the Pioneer Research Fund, Pioneer Disciplined Value Fund and Pioneer Disciplined Growth Fund.

**Education / Experience:**

Paul joined Pioneer in 1997 as an analyst for our Emerging Markets team. He focused on developing markets in Asia such as China, Taiwan, South Korea, India, Thailand and Malaysia and was co-portfolio manager of Pioneer's Asia ex Japan portfolios. In 2004, he joined Pioneer's U.S. Technology research team assuming responsibility for coverage of the Semiconductor sector. In 2005, he also assumed coverage of the U.S. Media sector. In 2006, he was named sector coordinator for Global Technology, Media and Telecommunications equity research. In 2010, he was named Head of U.S. Equity Research. Before joining Pioneer, Paul served as a manager in the Financial Advisory Services Group of Ernst & Young, LLP, where he provided company and industry research and performed valuation analyses for clients engaged in acquisitions, corporate restructuring and other activities. He holds a BA degree from the College of the Holy Cross (1989), an MBA from Babson College (1994) and is a CFA charter holder since 1998. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Andrew Acheson, as a Senior Vice President of PIM, is Mr. Cloonan's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**MARCO PIRONDINI, Executive Vice President, Head of Equities, US**  
**Bocconi University Milan, Laurea in Economia e Commercio (1990). Equivalent to a Master of Science Degree in Finance from an accredited college or university in the United States.**

**Year of Birth: 1967**

**Years in Investments: since 1993**

Marco Pirondini is Head of Equities - US for Pioneer Investment Management, Inc., the U.S. investment division of Pioneer Investments. Marco manages the Global Equities strategy and oversees Core Value, Large & Mid Cap Value, Large & Mid Cap Growth and Small Cap Growth strategies. He also oversees the Fundamental Research Function.

**Education / Experience:**

Prior to his current role, Mr. Pirondini held the role of Global Chief Investment Officer with Pioneer Global Asset Management. He also spent five years as Head of Global Equity Research working in Boston for Pioneer Investment Management, Inc. Prior to joining Pioneer Investments in 1999, Mr. Pirondini spent eight years with Credito Italiano, working in the asset management division of the retail bank of what is now the Unicredit Group. During his time with Credito Italiano he held the roles of Head of Italian Equities, Portfolio Manager for Italian Equities and Balanced Portfolios. Mr. Pirondini received a Degree in Economics and an MBA with a specialization in Finance from Bocconi University, Milan, Italy.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Kenneth J. Taubes, as Executive Vice President and Chief U.S. Investment Officer of PIM is Mr. Pirondini's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**SAMMI LE TRUONG, CFA, Vice President, Associate Portfolio Manager**  
**Massachusetts Institute of Technology, B.S. (2001)**  
**Year of Birth: 1979**  
**Years in Investments: since 2001**

Sammi Le Truong is an Associate Portfolio Manager in the Boston office. Sammi's focus is on quantitative analysis of equity markets. She participates in the design, development and implementation of models for securities selection, sector rotation, securities evaluation, equity portfolios optimization and portfolio construction.

Mrs. Truong has a Chartered Financial Analyst designation. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

John A. Carey, as an Executive Vice President of PIM is Mrs. Truong's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**ANDREW FELTUS, CFA, Senior Vice President, Portfolio Manager**

**Tufts University, B.A. (1991)**

**Year of Birth: 1969**

**Years in Investments: since 1991**

Andrew Feltus is the Portfolio Manager of the Pioneer Global High Yield, and a co-Portfolio Manager of Pioneer's U.S. High Yield, Absolute Return Credit Fund, and Core Plus strategies. He has been with Pioneer Investments since 1994 and has over 20 years of investment experience managing investment grade bond, foreign currency and global high yield assets, including emerging markets.

**Education / Experience:**

Andrew Feltus has managed the Pioneer Global High Yield Fund since 2001 and manages high yield assets. He joined Pioneer Investments as a fixed income Analyst and became a portfolio manager in 2001. Before joining Pioneer, he worked on the bond desk at Massachusetts Financial Services. Mr. Feltus graduated from Tufts University with a B.A. in quantitative economics and philosophy. Mr. Feltus has been actively managing US fixed income portfolios since 1994, and managing derivatives (primarily bond futures – since 1992, currency forwards – since 1994, credit default swaps – since 2008, equity and VIX Futures – since 2011) which are used in a number of portfolios under his management. Mr. Feltus has a Chartered Financial Analyst designation. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Kenneth J. Taubes, as Executive Vice President and Chief U.S. Investment Officer of PIM is Mr. Feltus's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**JONATHAN SHARKEY, Senior Vice President, Portfolio Manager**  
**Bowdoin College, A.B. Economics and Government Majors (1987)**  
**University of Notre Dame, M.B.A. Finance and Marketing (1994)**  
**Year of Birth: 1965**  
**Years in Investments: since 1994**

Mr. Jonathan Sharkey is a Fixed Income Portfolio Manager with responsibility for managing bank loan securities across mutual fund platforms, including open-ended and closed-end loan centric mutual funds. He is based in the Boston office.

**Education / Experience:**

Mr. Sharkey has 17 years' experience in the banking and investment industry. Prior to joining Pioneer in 2006, Mr. Sharkey spent 4 years with Putman Investments where he was a Corporate Bond and Bank Loan Analyst, 3 years with Cypress Tree Investments where he was a Principal and Bank Loan Analyst and 5 years with BankBoston as Vice President, Relationship Manager. In addition, between attaining his primary degree and undertaking his MBA, Mr. Sharkey spent 5 years in banking as a manager in operational roles. He holds an AB degree in Economics and Government from Bowdoin College (1987) and an MBA in Finance and Marketing from the University of Notre Dame (1994).

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Andrew Feltus, as Senior Vice President and Director of High Yield of PIM, is Mr. Sharkey's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**TRACY A. WRIGHT, Senior Vice President, Portfolio Manager**  
**Pennsylvania State University, B.S., University of Chicago, M.B.A.**  
**Year of Birth: 1968**  
**Years in Investments: since 1996**

Tracy Wright is a Portfolio Manager of Pioneer's U.S. High Yield and Assistant Portfolio Manager of Pioneer's Global High Yield strategies. Tracy Wright has specialized in high yield and distressed companies for twelve years.

**Education / Experience:**

Before joining Pioneer Investments, she worked at State Street Global Advisors as a senior high yield research analyst covering basic materials, industrials and energy, among other sectors. Earlier, she worked as a high yield investment banker in Merrill Lynch's Leveraged Finance Division. Tracy began her career in 1996 at PricewaterhouseCoopers L.L.P. where she provided consulting services to distressed companies undergoing reorganizations. Tracy Wright holds a B.S. from Pennsylvania State University and an M.B.A. from the University of Chicago. She has been actively managing US fixed income portfolios since 2007, and managing derivatives (primarily credit default swaps – since 2008) which are used in a number of portfolios under her management.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Andrew Feltus, as Senior Vice President and Director of High Yield for PIM, is Tracy Wright's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**CHARLES MELCHREIT, CFA, Senior Vice President, Fixed Income Portfolio Manager**

**Yale University, B.A. in Economics (1982) and M.A. in Statistics (2005), MIT - Sloan School of Management, MS (1984)**

**Year of Birth: 1960**

**Years in Investment: since 1986**

Charles Melchreit is a Portfolio Manager of Pioneer's Core and Core Plus strategies. He specializes in structured securities as well as developing analytic methods and tools to enhance portfolio management processes.

**Education / Experience:**

Before joining Pioneer Investments in 2006, Mr. Melchreit attended graduate school at Yale, where he received a Master's degree in Statistics. Prior to this, he worked with Cigna Investment Management where he managed an ABS and mortgage-backed portfolio. Previously he had worked for ING Aeltus where he was Head of Quantitative Research, Portfolio Manager and Head of the Mortgage Group and for MassMutual where he was responsible for research in the area of mortgage-backed securities. Mr. Melchreit has had significant experience with derivatives investments over the years. His experience includes the development of option pricing models and the implementation of derivatives strategies in all fixed income portfolio at Aeltus. Currently, he has implemented derivatives positions at Pioneer which include duration and curve management strategies using futures and swaps. Mr. Melchreit has a Chartered Financial Analyst designation. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Kenneth J. Taubes, as Executive Vice President and Chief U.S. Investment Officer of PIM is Mr. Melchreit's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**SETH ROMAN, CFA, Vice President, Portfolio Manager**

**Georgetown University, B.S. (1992), Boston College – Carroll Graduate School of Management, M.S.F. (1996)**

**Year of Birth: 1970**

**Years in Investments: since 1995**

Seth Roman is a Portfolio Manager of Pioneer's Taxable and Tax-Exempt U.S. Dollar Money Market Strategies.

**Education / Experience:**

Prior to joining Pioneer Mr. Roman worked with Fidelity Management & Research Company as a Fixed Income Trader for 9 years and with Boston Equiserve LLP for 2 years as a Financial Analyst. He holds degrees from Georgetown University, B.S. (1992), and Boston College – Carroll Graduate School of Management, M.S.F. (1996). Mr. Roman joined Pioneer in 2006, and has been in the investment field since 1995. He has been a CFA charter holder since 2000. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

Mr. Roman currently owns equity in a privately held restaurant chain in Boston. Mr. Roman works with senior management to raise capital via conversations with and presentations to investors. His relationship with this organization does not create a material conflict of interest with our clients.

**Additional Compensation:**

None

**Supervision:**

Charles Melchreit, as Senior Vice President and Director of Investment Grade for PIM is Mr. Roman's supervisor and he can be reached at the telephone number on the cover page of this supplement.



**COSIMO MARASCIULO, Head of European Government Bonds**

**Milan Polytechnic College, Business Engineering graduate, Bocconi University, Master's degree in Financial Economics.**

**Year of Birth: 1971**

**Investment Experience: since 1998**

Cosimo Marasciulo is the Head of European Government Bonds at Pioneer Investments in Europe. He was appointed to his role in June 2010. He is also the Lead Portfolio Manager of several fixed income portfolios.

**Education / Experience:**

Prior to this, Cosimo was Head of Fixed Income in Italy, a role to which he was appointed in 2004. Previously he was a Senior Portfolio Manager in the Dublin hub. He joined Pioneer Investments in January 2000 upon completion of a Master's degree in Financial Economics from London Business School-Bocconi-University College Dublin. He has specialized in Fixed Income products since joining Pioneer Investments. He is an Engineering graduate of Politecnico di Milano and has completed post-graduate studies in Fixed Income Portfolio Management at Bocconi University.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Giordano Lombardo, as Global Chief Investment Officer of PIM is Mr. Marasciulo's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**MICHAEL TEMPLE, Senior Vice President, Director of Credit Research**

**University of Colorado, Boulder B.A. (1982), M.B.A. (1984)**

**Year of Birth: 1960**

**Years in Investments: since 1991**

Michael Temple is Director of Credit Research, responsible for purchase and sell recommendations for fixed income obligations and oversight of credit research. His duties include independent research of credits, sector analysis, and coordination of research efforts.

**Education / Experience:**

Mr. Temple began his career in investment management in 1991. Prior to joining Pioneer, he was a portfolio manager at Boston Partners and a senior credit analyst at Putnam Investments, a senior analyst at Duff and Phelps in Chicago and the Director of Planning and Investor Relations for the Public Service Company of New Mexico. Mr. Temple received a B.A. and M.B.A. from the University of Colorado in 1982 and 1984, respectively.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Kenneth J. Taubes, as Executive Vice President and Chief U.S. Investment Officer of PIM is Mr. Temple's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**DAVID J. EURKUS, Senior Vice President, Director of Municipals**

**Babson College, B.A. (1967)**

**Year of Birth: 1945**

**Years in Investments: since 1970**

David Eurkus is a Portfolio Manager of Pioneer's Municipal Bond strategies, with over 40 years of investment experience.

**Education / Experience:**

Prior to joining Pioneer, he was a Senior Vice President and Portfolio Manager at Brown Brothers Harriman and previously, a Senior Vice President and Senior Portfolio Manager at Putnam Investments where he managed several tax-exempt funds with combined assets of nearly \$6 billion. Mr. Eurkus graduated from Babson College, with a B.A. in 1967, and joined Pioneer in 2001. Mr. Eurkus has been managing derivatives (primarily US Treasury hedges) throughout his career.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Kenneth J. Taubes, as Executive Vice President and Chief U.S. Investment Officer of PIM is Mr. Eurkus's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**BRADLEY KOMENDA, CFA, Vice President, Portfolio Manager**  
**Central Washington University, B.A. in Accounting and Business Administration**  
**(1991)**  
**Year of Birth: 1966**  
**Years in investments: since 1993**

Brad Komenda is a Credit Analyst and Portfolio Manager for the Fixed Income team in Boston. He specializes in high grade and crossover analysis covering cash bond and CDS investments across Pioneer Investment's fixed income portfolios.

**Education / Experience:**

Brad has been in the investment industry since 1993. Prior to joining Pioneer Investments in 2008, Brad spent ten years as an Investment Grade and High Yield Analyst at Columbia Management. He began his career with General Electric Capital and Assurance as an investment grade and high yield research associate where he worked for five years. He has been a CFA charter holder since 1999. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Charles Melchreit, as Senior Vice President and Director of Investment Grade for PIM is Mr. Komenda's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**MICHELE GARAU, Senior Vice President, Head of Global Equity Research and Multi-Asset Funds**

**Cagliari University, Sardinia, Italy, Degree in Economics**

**Year of Birth: 1953**

**Years in Investments: since 1984**

Michele Garau is the Portfolio Manager of the Pioneer Multi-Asset Real Return Fund since 2010. Prior to managing the fund, he managed the International Balanced Portfolios and was the Portfolio Manager of the Pioneer Global Flexible Fund that was actively managed and distributed in Europe. Michele has been a mutual fund manager since 1984.

**Experience / Education:**

Michele joined Pioneer Investments from Antonveneta ABN AMRO Bank where he was the Chief Investment Officer. He joined ABN AMRO in 1996 taking responsibility for the group's institutional business in Italy. Michele spent two years in their Amsterdam office managing their American Fund before taking a lead role in the group's merger with Antonveneta. Michele has also worked as a Portfolio Manager with Primegest SpA, Gesfimi SpA and SIGE SpA. He began his career as a Financial Analyst with Barclays in 1982. Michele has a degree in Economics from Cagliari University, Sardinia. Mr. Garau has been actively managing Global Equity and Balanced portfolios since 1987, and managing derivatives (primarily equity and bond futures and currency forwards since day one) which are used in a number of portfolios under his management.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Marco Pirondini, as Executive Vice President and Head of U.S. Equities of PIM is Mr. Garau's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**HOWARD WEISS, CFA, Vice President, Portfolio Manager**

**Education: Pennsylvania State University, B.S. in Finance (2003), Boston College, M.S. in Finance and M.B.A. (2008)**

**Year of Birth: 1981**

**Years in Investments: since 2007**

Mr. Weiss is an Associate Portfolio Manager at Pioneer Investments. He re-joined Pioneer Investments in November of 2011, and he previously had been at Pioneer Investments from 2007 until 2010. From October 2010 until November 2011, Mr. Weiss was an analyst at Citidel Investment Group, LLC.

Previous to 2007, Mr. Weiss came from the Bank of America where he was initially involved in the corporate development and business strategy group and more recently on the investment management solutions team. He began his career at Darling Consulting Group as an Asset Liability analyst, performing interest rate sensitivity and risk analysis for smaller banks and credit unions. Mr. Weiss has a Chartered Financial Analyst designation. Refer to the last page of this supplement for a description of the CFA designation.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Michele Garau, as a Senior Vice President and Portfolio Manager of PIM is Mr. Weiss's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**Andreas Wosol, Senior Portfolio Manager**

**Vienna University of Economics and Business Administration, Master's degree**

**Year of Birth: 1973**

**Investment Experience: since 1999**

Andreas Wosol is a Senior Portfolio Manager with Pioneer Investments. He joined the European Equity team following the integration of the investment business of UniCredit in 2006 and is responsible for the management of the value strategies, including the Pioneer Funds – European Equity Value and Pioneer Investments Austria Select Europe Stock, as well as an institutional mandate.

**Education / Experience:**

When Pioneer Investments acquired Capital Invest, Andreas had held the role of Head of European Equity since joining the firm in 2005. He began his career in investments with Raiffeisen Capital Management in Vienna (1999-2005) as a Senior Portfolio Manager for Austrian equities, European New Markets funds and had full responsibility for the Small Caps funds.

Andreas holds a Master's degree from the Vienna University of Economics and Business Administration (1998) and has been a CFA charter holder since 2001.

**Disciplinary Information:**

None

**Other Business Activities:**

Member of the board of the Austrian Association for Financial Analysis and Asset Management.

**Additional Compensation:**

None

**Supervision:**

Stefano Pregnolato, as Head of Portfolio Management - Austria is Mr. Wosol's supervisor and he can be reached at the telephone number on the cover page of this supplement.

**Andrew Arbuthnott, Senior Vice President, Head of European Large Cap Equity**  
**Trinity College Dublin, BA (Honors) in Natural Science (1990), University College Dublin, MBS (1993).**

**Year of Birth: 1971**

**Investment Experience: since 1999**

Andrew Arbuthnott is Head of European Large Cap Equity, a role to which he was appointed in April 2005. Andrew focuses on the concentrated product Pioneer Funds – Top European Players.

**Education / Experience:**

Andrew joined Pioneer Investments in November 1999 from Martin Currie in Edinburgh where he managed European (ex UK) portfolios, mainly for North American pension fund clients.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Diego Franzin, as Head of Equities Europe is Mr. Arbuthnott's supervisor and he can be reached at the telephone number on the cover page of this supplement.



**Roberto Campani, Senior Portfolio Manager**  
**Cattolica University Milan, Degree in Economics (1990).**  
**Year of Birth: 1971**  
**Investment Experience: since 1999**

Roberto Campani is a Senior Portfolio Manager. Based in Dublin, he is the Lead Portfolio Manager on Italian equity portfolios. Roberto recently joined the European Equity Value team.

**Education / Experience:**

After graduating in Economics from Cattolica University Milan, Roberto spent five years in RAS Asset Management (Allianz Group), initially as a financial analyst and later as an Italian equity Portfolio Manager. He joined Pioneer Investments in October 1998.

**Disciplinary Information:**

None

**Other Business Activities:**

None

**Additional Compensation:**

None

**Supervision:**

Cristina Matti, as Head of Small Cap Europe is Mr. Campani's supervisor and she can be reached at the telephone number on the cover page of this supplement.

## **Chartered Financial Analyst:**

The Chartered Financial Analyst (CFA) charter is a graduate-level investment credential established in 1962 and awarded by the CFA Institute.

To earn the CFA charter, candidates must: 1) pass three sequential, six-hour examinations; 2) have at least four years of qualified professional investment experience; 3) join the CFA Institute as a members; and 4) commit to abide by, and annually reaffirm, their adherence to the CFA Institute Code of Ethics and Standards of Professional Conduct.