

Web Site User Agreement

I have read, understand, and accept the terms and conditions set forth below, by selecting the "Accept" option below. NOTE: ACCESSING OR REQUESTING ACCOUNT INFORMATION OR TRANSACTIONS THROUGH THIS SITE CONSTITUTES AND SHALL BE DEEMED TO BE AN ACCEPTANCE OF THE FOLLOWING TERMS AND CONDITIONS, WHICH CONSTITUTES A LEGAL AGREEMENT BETWEEN MYSELF AND Amundi US, Inc., Amundi Asset Management US, Inc., Amundi Distributor US, Inc., the Pioneer mutual funds and their affiliates (together, severally and not jointly, "Amundi US").

1. **Online Services.** This Agreement ("Agreement") between me and Amundi US sets forth the terms on which I am permitted to use the Online Services. The words "I", "my" and "me" in this Agreement mean each person who has an interest in the Amundi US account, that is accessible through the Online Services and any person authorized to have such access. Online Services, for purposes of this Agreement, includes the online services currently offered and that may be offered in the future by Amundi US for mutual fund transactions and account inquiry, and any other online system made available to fund shareholders by Amundi US or its affiliates, agents or service providers. The Online Services permit me to transmit electronically requests to buy, redeem and exchange fund shares. These services are available for use with compatible personal, home, or small business computers and mobile devices with internet connectivity.
2. **Agreement Governs.** I will use the Online Services only on the terms set forth in this Agreement.
3. **Sole User.** I will be the only authorized user of the Online Services under this Agreement and I will not make the Online Services available to anyone else. I will keep my security code(s) and other security information (all such codes and information, "security information") confidential. I will be solely responsible for all requests for transactions and information (and the use of the information) transmitted through the Online Services using my security information. Amundi US is not obligated to inquire as to the authority or accuracy of my instructions transmitted through the Online Services and will be entitled to act upon my instructions; and Amundi US will not be liable for any loss, expense, or other liability arising out of my instructions transmitted through the Online Services. Telephone calls to Amundi US may be recorded, and I consent to that recording.
4. **Duty to Monitor Account.** I understand that requests for transactions, rather than orders, are transmitted through the Online Services. I understand that the online acknowledgments or other messages that appear on my screen for transactions entered do not mean that transactions have been received, accepted, or rejected by Amundi US. These acknowledgments are only an indication that the transactional information entered by me has either been transmitted to Amundi US, or that it cannot be transmitted. Amundi US will not be deemed to have received or accepted any transaction request I transmit through the Online Services until Amundi US has provided me a written confirmation. All transaction requests will be deemed to have been made in the form received by Amundi US.

I am responsible for verifying the accuracy and receipt of all information transmitted via the Online Services and for immediately notifying the fund's transfer agent of any errors or inaccuracies relating to information transmitted via the Online Services. I am responsible for monitoring my account.

I will immediately notify Amundi US if any of the following occur: a request for a transaction has been placed through the Online Services and I have not received a reference number reflecting the request; a request for a transaction has been placed through the Online Services and I have not received an accurate written confirmation of the transaction within seven (7) business days; I have received confirmation of a transaction that I did not request or any other report conflicting with information about my account; there is unauthorized use, loss, or theft of any of my security information; or there is a discrepancy between any transaction I requested and the information reflected in a confirmation or account statement. If I do not notify Amundi US when any of the foregoing conditions occur, neither Amundi US nor any of its employees, agents, affiliates, nor any third parties, will be liable to me for the handling or loss of any transaction request. Any liability for acts or omissions in providing the Online Services to me will be limited to an amount equal to the benefit that would have resulted from the transaction during the seven (7) business days immediately following the date my transaction request was transmitted via the Online Services.

5. **Information from Outside Sources.** Amundi US will not be responsible for the accuracy or completeness of any information provided by outside sources through the Online Services. My transmissions through the Online Services are at my sole risk. Nothing in this Agreement may be interpreted as a solicitation or recommendation to buy or sell securities.
6. **Outside Services; Risk; No Solicitation or Recommendation.** My Internet service provider may charge me for time spent online. I will be responsible for all expenses that I (or any person using my security information or equipment) incur in connection with using the Online Services. I agree that Amundi US is not responsible for notifying me of

- any upgrades or enhancements to "browser" software.
7. Events Outside Amundi US's Control. Neither Amundi US nor any Fund affiliate, agent, or third party providing the Online Services will be responsible for the following: (i) damages caused by failure of, interference with, or unauthorized access to communications lines or computer systems, operator error, or other occurrences beyond its control; or (ii). interception of information transmitted via the Internet; or (iii) access to, or the speed or availability of, the Internet or network services.
 8. Account Application and Prospectus. The terms of my Fund account application and the applicable prospectus govern my account. Those terms are deemed to be part of this Agreement. I understand that the Pioneer Family of open-end mutual funds are available only to U.S. investors, and shares of certain investment portfolios may not be offered and sold in all states.
 9. Confidentiality. The Online Services are the proprietary property of Amundi US and/or third parties. I will keep confidential and not disseminate the information or services provided through the Online Services.
 10. Indemnification. I indemnify and hold harmless Amundi US, its affiliates, and its agents from any and all claims, losses, liability, costs, and expenses (including but not limited to attorneys' fees) arising from any violation of this Agreement or any third party's rights including but not limited to copyright, proprietary, and privacy rights.
 11. Personal Financial Information. Use of the Online Services may involve the transmission from or to me of personal financial information (such as the amount and price of securities that I buy or sell). I consent to the transmission of that information through the Online Services at all times that I use the Online Services.
 12. Severability. If any provision of this Agreement is held invalid or unenforceable by a court, regulatory agency or body, such invalidity or unenforceability shall attach only to that provision. The validity of the remaining provisions will not be affected.
 13. Discontinuance of Online Services. Amundi US may discontinue or modify the terms of the Online Services in whole or in part at any time or from time to time.
 14. Online Services Software License. My use of any Online Services software is subject to the terms of the following Fund License ("License"). I agree to be bound by the terms of this License, including without limitation the prohibitions on distribution and copying, the exclusion of all representations and warranties, and the limitation of remedies to the replacement of defective disks. Grant of License. This License permits me to access the Fund Online Services software ("Application") from each computer in my household, and a single computer at my workplace, in the United States. This License is subject to my compliance with the terms of this Agreement and the Amundi US security procedures established for Application users. This Agreement is my proof of license to exercise the rights granted herein and must be retained by me. I may not rent, lease, or transfer my rights to access the Application. Copyright. The Application is owned by Amundi US or its suppliers and is protected by United States copyright laws and international treaty provisions. Therefore, I must treat the Application like any other copyrighted material (e.g., a book or musical recording) except that I may either (a) copy or download information solely for backup or archival purposes, or (b) transfer the information to a single hard disk provided I keep the original solely for backup or archival purposes. I may not distribute the online contents in any way, without explicit written notice from Amundi US. U.S. Government Restricted Rights. The Application and online documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause of DFARS 252.227-7013 or subparagraphs (c)(1) and (2) of Commercial Computer Software - Restricted Rights at 48 CFR 52.227-19, as applicable. Manufacturer is The Bank of New York Mellon Corporation. Export Controls. The Application and any underlying technology may not be accessed or exported outside the United States or to any foreign entity or "Foreign Person" as defined by the U.S. government regulations, including without limitation, anyone who is not a citizen, national, or lawful permanent resident of the United States. By downloading data or using the Application, I am agreeing to the foregoing and I am warranting that I am not a "Foreign Person" or under the control of a "Foreign Person". Notwithstanding the foregoing, a "Foreign Person" may be permitted "view only" access to Online Services through an affiliate of Amundi US.
 15. No Warranty. I expressly agree that the use and storage of any information through use of the Online Services is at my sole risk and responsibility. NEITHER THE FUND NOR ANY AMUNDI US AFFILIATES OR AGENTS OR THIRD PARTY (INCLUDING, WITHOUT LIMITATION, ANY BANK, MAKES ANY REPRESENTATIONS OR WARRANTIES EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, ACCURACY, OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE ONLINE SERVICES, THE APPLICATION, ANY ACCOMPANYING ONLINE MATERIALS, OR ANY INFORMATION, PROGRAMS, OR PRODUCTS OBTAINED FROM, THROUGH, OR IN CONNECTION WITH ANY OF THE FOREGOING. IN NO EVENT WILL AMUNDI US OR ANY FUND AFFILIATE, AGENT, OR THIRD PARTY BE LIABLE FOR, INCLUDING, WITHOUT LIMITATION, DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS, BUSINESS INTERRUPTION, LOSS OF INFORMATION,

COVER, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, SPECIAL DAMAGES OR OTHER PECUNIARY LOSS ARISING OUT OF OR RESULTING FROM ANY DEFECT IN, INABILITY TO ACCESS, OR USE OF THE ONLINE SERVICES OR THE APPLICATION EVEN IF AMUNDI US OR ANY THIRD PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Because some states do not allow the exclusion or limitation of warranties or of liability for consequential or incidental damages, the above limitation may not apply to me. No oral advice or written information given by Amundi US or any of its affiliates, employees, or agents will create a warranty, and I will not rely on any such information or advice. Amundi US does not warrant that the Online Services are uninterrupted or error free or that the Website or server making it available is free of viruses or other harmful components. I understand that an undetected or unrepaired virus may corrupt and destroy my programs, files and hardware, and that the virus may be unintentionally transmitted to other computers.

16. Assignment. I may not assign this Agreement or any rights or obligations hereunder without the consent of Amundi US. Amundi US may assign this Agreement or any of its rights or obligations under this Agreement without notice to me.
17. Notices. All notices to Amundi US under this Agreement should be sent to: Amundi US, PO Box 534427, Pittsburgh, PA 15253-4427, Attention: Online Services Inquiry.
18. Termination; Amendment; No Waiver. Amundi US may terminate this Agreement or amend it in whole or in part by notice to me. This Agreement may not be amended in any other manner. The failure or delay of Amundi US to enforce any provision of this Agreement will not be construed as a waiver of such provision. I may terminate this Agreement by notifying Amundi US in writing. This Agreement will also terminate if I fail to comply with any condition of this Agreement, and I agree that upon such termination I shall halt access to the Online Services, the Application, and all online documentation.
19. Governing Law. This Agreement is governed by the laws of the State of Massachusetts without regard to conflict of law provisions. Captions in this Agreement are included for convenience of reference only and do not affect the construction or effect of the provisions of this Agreement. The application of the United Nations Convention of Contracts for the International Sale of Goods is expressly excluded.
20. No Bank Guarantee. I understand that shares of the Pioneer Funds are not bank deposits or obligations of, or guaranteed, endorsed, or otherwise supported by any Bank or affiliate, and are not federally insured or guaranteed by the U.S. government, Federal Deposit Insurance Corporation, Federal Reserve Board, or any other governmental agency.
21. Online Beneficiary Designation Agreement. I understand and agree that amundi.com/US may be used only to designate beneficiaries for an Amundi US IRA (including traditional, Roth, SEP or SIMPLE IRAs) or 403(b) (including ORP) account with BNY Mellon Investment Servicing Trust Company ("BNY Mellon") as the Custodian (each, an "Eligible Amundi US Retirement Account"), and shall be invalid and ineffective with respect to any other plan or retirement program.

Furthermore, I understand that the spouse of the owner of an Eligible Amundi US Retirement Account may have a property interest in the account, and may also have a right to dispose of that property interest by will. Therefore, Amundi US and the Custodian, together with any sponsors, issuers, depositories or other persons or entities associated with the investments in the account, specifically disclaim any warranty as to the effectiveness of a beneficiary designation, or any warranty as to the ownership of the account after the death of the account owner or the account owner's spouse. For additional information, a qualified tax or legal professional should be consulted.

By signing below, I acknowledge that I understand that if I am subject to community property or marital property state re not my spouse, or who is in addition to my spouse. I also understand that any beneficiary designation I make, other than my spouse, or in addition to my spouse, may not be effective without my spouse's consent. I certify, under penalty of perjury, if I am married, and have not named my spouse as my sole Primary Beneficiary, I have consulted a qualified tax or legal professional about the need to document spousal consent, and about the consequences of not obtaining my spouse's consent.

I understand and agree that this Agreement is a binding contract under the applicable federal laws, the laws of my state of residence, and any preexisting contractual arrangements governing my Eligible Amundi US Retirement Account(s). I understand that clicking the "I accept this agreement" button below is the legal equivalent of submitting paper forms signed by hand and that it manifests my intent to enter into a binding agreement with Amundi US under the term described herein.