

The AllianceBernstein IRA and Roth IRA Application

It's easy to establish an AllianceBernstein IRA. Simply complete, copy and return the application and forms that apply to you. Retain the Custodial Agreement and Disclosure Statements along with copies of your application and forms for your records.

IRA Application

- Start a new Traditional or Roth IRA. You may have to complete additional forms detailed below depending on how you're opening an account.

IRA Rollover/Transfer Form

- Transfer an IRA or roll over a distribution from a company retirement plan, 403(b) or 457 plan to a new or existing AllianceBernstein IRA. To roll over to a new IRA, complete and return the AllianceBernstein IRA and Roth IRA Application.
- Have AllianceBernstein initiate a direct transfer of your current Traditional IRA to a new AllianceBernstein Traditional IRA, or your current Roth IRA to an AllianceBernstein Roth IRA. You must also complete and return the AllianceBernstein IRA and Roth IRA Application.

Roth Conversion/ Recharacterization Form

- To convert a Traditional IRA to a Roth IRA, complete and return both this form and the AllianceBernstein IRA and Roth IRA Application.

IRA Automatic Investment Form

- Set up automatic investments into your Traditional or Roth IRA on a monthly, quarterly or annual basis.

Custodial Agreement and Disclosure Statements

- These Disclosure Statements provide information about an AllianceBernstein Traditional or Roth Individual Retirement Account.
- The Custodial Agreement is based on Internal Revenue Service Form 5305-A (for Traditional IRAs) and Form 5305-RA (for Roth IRAs).

For help filling out these applications, call Customer Service at (800) 221 5672, 8:30 a.m. to 6:30 p.m. (ET), Monday–Friday.



Information You'll Need to Fill Out Your Forms

Once you've decided on an investment option, use the fund number from the tables below to complete the forms. The minimum initial investment for any of the funds is \$2,500.

| | Fund Numbers/Share Class | |
|--|--------------------------|--------------------------|
| | Initial Sales Charge | Asset-Based Sales Charge |
| | A | C |
| AB Asset Allocation/Multi-Asset Funds | | |
| Emerging Markets Multi-Asset Portfolio | 99 | 300 |
| Wealth Strategies | | |
| AB All Market Total Return Portfolio | 175 | 375 |
| AB Sustainable Thematic Balanced Portfolio | 187 | 387 |
| Wealth Appreciation Strategy | 151 | 351 |
| AB US Equity Funds | | |
| Core | | |
| AB Relative Value Fund | 094 | 394 |
| Core Opportunities Fund | 102 | 302 |
| Select US Equity Portfolio | 132 | 376 |
| Growth | | |
| AB Sustainable US Thematic Portfolio | 196 | 2427 |
| Concentrated Growth Fund | 033 | 333 |
| Discovery Growth Fund | 044 | 344 |
| Growth Fund | 031 | 331 |
| Large Cap Growth Fund | 078 | 378 |
| Small Cap Growth Fund | 026 | 326 |
| Value | | |
| Discovery Value Fund | 157 | 357 |
| Equity Income Fund | 009 | 309 |
| Value Fund | 153 | 353 |
| AB International/Global Equity Funds | | |
| Core | | |
| AB Sustainable Global Thematic Fund | 082 | 382 |
| Concentrated International Growth Portfolio | 190 | 890 |
| Global Core Equity | 147 | 847 |
| International Strategic Core | 021 | 821 |
| Growth | | |
| Sustainable International Thematic Fund | 112 | 312 |
| Value | | |
| Global Real Estate Investment Portfolio | 110 | 310 |
| International Value Fund | 159 | 359 |

| | Fund Numbers/Share Class | |
|--|--------------------------|--------------------------|
| | Initial Sales Charge | Asset-Based Sales Charge |
| | A | C |
| AB Alternative Funds | | |
| All Market Real Return | 162 | 363 |
| Global Risk Allocation Fund | 096 | 396 |
| Select US Long/Short Portfolio | 130 | 330 |
| AB Fixed Income Funds | | |
| Taxable Bond Funds | | |
| AB High Yield Portfolio | 185 | |
| AB Income Fund | 028 | 827 |
| AB Short Duration Income Portfolio | 183 | 883 |
| AB Sustainable Thematic Credit Portfolio | 194 | |
| Bond Inflation Strategy | 116 | 306 |
| Global Bond Fund | 055 | 355 |
| High Income Fund | 166 | 366 |
| Intermediate Duration Portfolio | 184 | |
| Limited Duration High Income Portfolio | 137 | 393 |
| Short Duration Portfolio | 189 | 389 |
| Total Return Bond Portfolio | 104 | 304 |
| Cash Management | | |
| AB Government Money Market Portfolio | 178 | 878 |

AllianceBernstein Traditional/Roth IRA Application

- Please print clearly in blue or black ink.
- Note: To transfer an IRA to an existing AllianceBernstein Traditional IRA, complete the AllianceBernstein IRA Rollover/Transfer form only.
- Please send all correspondence to **AllianceBernstein Investor Services, Inc., P.O. Box 786003, San Antonio, TX 78278-6003**; for overnight delivery, send to **8000 IH 10 W, 13th Floor, San Antonio, TX 78230**.
- Please make checks payable to AllianceBernstein.
- For help filling out this application, call Customer Service at (800) 221 5672, 8:30 a.m. to 6:30 p.m. (ET), Monday–Friday.

Many shareholders of the AllianceBernstein mutual funds have family members living in the same home who also own shares of the same funds. In order to reduce the amount of duplicative mail that is sent to homes with more than one fund account, and to reduce expenses of the fund, all AllianceBernstein mutual funds will, until notified otherwise, send only one copy of each prospectus, shareholder report and proxy statement to each household address. This process, known as “householding,” does not apply to account statements, confirmations or tax information. If you do not wish to participate in householding, or wish to discontinue householding at any time, call AllianceBernstein Investor Services at (800) 221 5672. We will resume separate mailings for your account within 30 days of your request.

1. Individual Information

Please provide your legal name.

| | | |
|--|---|----------------------|
| _____ | | |
| Last Name* | First Name* | MI |
| _____ | | |
| Date of Birth (MM/DD/YYYY)* | Social Security Number* | |
| _____ | | |
| Mailing Address | | |
| _____ | | |
| City | State | ZIP Code |
| _____ | | |
| Residential Street Address* (must provide if mailing address is a Post Office Box) | | |
| _____ | | |
| City | State | ZIP Code |
| _____ | | |
| <input type="checkbox"/> US Citizen | <input type="checkbox"/> Resident Alien | |
| Residency Status | Home Phone Number | Daytime Phone Number |
| _____ | | |

2. Financial Advisor Information

A financial advisor is required. You must complete this section in order to purchase shares in a Fund.

| | | |
|--|---------------------------|--------------------------|
| _____ | | |
| Name of Firm | Name of Financial Advisor | |
| _____ | | |
| Branch Office Address | Authorized Signature | |
| _____ | | |
| Telephone Number | Branch Office Code | Financial Advisor Number |
| _____ | | |
| Branch Manager or Back Office Signature (Required) | | |
| _____ | | |

*Required by law.

3. Beneficiary Designation

I hereby designate the following individual(s) as my beneficiary(ies). My contingent beneficiary(ies) designation shall be effective only if no primary beneficiary survives me. If Percentage of Account is not indicated, it will be divided equally. (Attach a separate sheet if necessary.)

Note: If you wish to designate a Trusted Contact Person for this account, please complete and submit the Trusted Contact Person Designation Form.

| Name of Primary Beneficiary | Date of Birth (MM/DD/YYYY) | Relationship | Social Security Number | Percentage of Account |
|---|----------------------------|--------------|------------------------|-----------------------|
| Indicate the beneficiary's resident status: <input type="checkbox"/> US Citizen <input type="checkbox"/> Resident Alien | | | | |

| Name of Primary Beneficiary | Date of Birth (MM/DD/YYYY) | Relationship | Social Security Number | Percentage of Account |
|---|----------------------------|--------------|------------------------|-----------------------|
| Indicate the beneficiary's resident status: <input type="checkbox"/> US Citizen <input type="checkbox"/> Resident Alien | | | | |

| Name of Primary Beneficiary | Date of Birth (MM/DD/YYYY) | Relationship | Social Security Number | Percentage of Account |
|---|----------------------------|--------------|------------------------|-----------------------|
| Indicate the beneficiary's resident status: <input type="checkbox"/> US Citizen <input type="checkbox"/> Resident Alien | | | | |

| Name of Contingent Beneficiary | Date of Birth (MM/DD/YYYY) | Relationship | Social Security Number | Percentage of Account |
|---|----------------------------|--------------|------------------------|-----------------------|
| Indicate the beneficiary's resident status: <input type="checkbox"/> US Citizen <input type="checkbox"/> Resident Alien | | | | |

| Name of Contingent Beneficiary | Date of Birth (MM/DD/YYYY) | Relationship | Social Security Number | Percentage of Account |
|---|----------------------------|--------------|------------------------|-----------------------|
| Indicate the beneficiary's resident status: <input type="checkbox"/> US Citizen <input type="checkbox"/> Resident Alien | | | | |

4. Account Selection

What type of account would you like to open? (Select one)

- Traditional IRA
 - With the enclosed check and/or I wish to set up an Automatic Investment Plan.*
(For automatic investment plans, in addition to this form, complete and return the AllianceBernstein IRA Automatic Investment form.)
 - With a direct rollover of a company retirement plan, 403(b) plan or 457 plan to an AllianceBernstein Traditional IRA.
(In addition to this form, complete and return the AllianceBernstein IRA Rollover/Transfer form.)
 - With a transfer of a Traditional IRA held at another financial institution to an AllianceBernstein Traditional IRA.
(In addition to this form, complete and return the AllianceBernstein IRA Rollover/Transfer form.)
 - With a recharacterization of a Roth IRA regular contribution to an AllianceBernstein Traditional IRA regular contribution.
(In addition to this form, complete and return the AllianceBernstein Roth Conversion/Recharacterization form.)
- Roth IRA
 - With the enclosed check and/or I wish to set up an Automatic Investment Plan.*
(For automatic investment plans, in addition to this form, please complete and return the AllianceBernstein IRA Automatic Investment form.)
 - With a direct rollover of a company retirement plan, 403(b) plan or 457 plan to an AllianceBernstein Roth IRA.
(In addition to this form, complete and return the AllianceBernstein IRA Rollover/Transfer form.)
 - With a direct rollover of a Roth 401(k) or Roth 403(b) to an AllianceBernstein Roth IRA.
(In addition to this form, complete and return the AllianceBernstein IRA Rollover/Transfer form.)
 - With a transfer of a Roth IRA held at another financial institution to an AllianceBernstein Roth IRA.
(In addition to this form, complete and return the AllianceBernstein IRA Rollover/Transfer form.)
 - With a recharacterization of a Traditional IRA regular contribution to an AllianceBernstein Roth IRA regular contribution.
(In addition to this form, complete and return the AllianceBernstein Roth Conversion/Recharacterization form.)
- Roth Conversion IRA
 - With a conversion of an AllianceBernstein Traditional IRA to an AllianceBernstein Roth Conversion IRA.
(In addition to this form, complete and return the AllianceBernstein Roth Conversion/Recharacterization form.)
 - With a conversion of a Traditional IRA held at another financial institution to an AllianceBernstein Roth Conversion IRA.
(In addition to this form, complete and return the AllianceBernstein Roth Conversion/Recharacterization form.)

*Initial minimum investment is \$2,500, unless funded through an automatic investment plan of \$200 monthly until fund minimum is met. **Note:** The Automatic Investment Plan option is not available for inherited IRAs.

5. Fund Selection and Contribution Information

Please refer to the list of AllianceBernstein Funds on the inside front cover of this booklet.

(Attach a separate sheet if necessary.) Note: The minimum initial investment amount is \$2,500 per fund.

| Indicate Three- or Four-Digit Fund Number | Fund Name and Class of Shares | Indicate either the tax year for the current contribution or write "rollover," "transfer," "conversion," or "recharacterization" | Indicate either the amount of the current contribution or , if a check is not enclosed, the percentage of rollover or transfer |
|---|-------------------------------|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

A \$25 annual fee applies if your AllianceBernstein IRA accounts total less than \$25,000.

The following fee is enclosed with this application:

- My \$25 annual fee is enclosed.
- Deduct the \$25 fee annually from my account.
- No fee. My AllianceBernstein IRA accounts total \$25,000 or more.

6. Reduced Sales Charges (Class A Only)

A. Rights of Accumulation

To qualify for a reduced sales charge, list the account numbers or Taxpayer Identification Numbers of other AllianceBernstein funds that you, your spouse or minor children already own. (Attach a separate sheet if necessary.)

| Account Number | Relationship |
|----------------|--------------|
| | |
| | |

B. Statement of Intent

I want to reduce my sales charge by agreeing to invest the following amount over a 13-month period. If the full amount indicated is not purchased within 13 months, I understand that an additional sales charge must be paid from my account.

- \$100,000
- \$250,000
- \$500,000
- \$1,000,000

AllianceBernstein Mutual Funds will use the higher of cost or current NAV of the investor's existing investments as well as those of accounts with which it is combined via Rights of Accumulation toward the fulfillment of the Statement of Intent.

7. E-Delivery Options

You can now choose to receive your account statements (and periodic important updates) in a quick, convenient, and earth-friendly way. All information will be stored online for easy viewing and retrieval.

Email Address

Choose which information you would like to receive via email:

- All my quarterly statements and my year-end statement. All my quarterly statements, but I prefer my year-end statement be printed and mailed to me. My prospectus, annual report, and related compliance materials. My tax forms and relevant tax resources and information.

Note: If e-Delivery is not selected, all documents will be printed on paper and sent by US Mail. (Standard delivery times apply.)

8. AllianceBernstein IRA Agreement

I hereby establish an AllianceBernstein Individual Retirement Account (IRA) under Section 408 or 408A of the Internal Revenue Code of 1986, as amended, with AllianceBernstein Trust Company as Custodian incorporating the provisions of the accompanying IRS Form 5305-A or 5305-RA to provide for my retirement and the support of my beneficiaries after my death. I have received, have read and understand the Disclosure Statement for the type of IRA I am establishing and the current prospectus of each Mutual Fund designated for investment. I understand that this IRA will not become effective until accepted by the Custodian. I certify under the penalty of perjury that the number shown in section 1 of this form is my correct Social Security number, and I am a U.S. citizen or U.S. resident alien.

AllianceBernstein is required by law to obtain, verify and record certain personal information from you or persons on your behalf in order to establish the account. Required information includes name, date of birth, permanent residential address and Social Security number. We may also ask to see other identifying documents. If you do not provide the information, AllianceBernstein may not be able to open your account. By signing below, you agree to provide this information and confirm that this information is true and correct. If we are unable to verify your identity, or that of another person(s) authorized to act on your behalf, or if we believe we have identified potentially criminal activity, we reserve the right to take action as we deem appropriate, which may include closing your account.

Signature

Date

AllianceBernstein IRA Rollover/Transfer Form

- Please print clearly in blue or black ink.
- Complete this form to:
 - Transfer an IRA or roll over a distribution from a company retirement plan, 403(b) or 457 plan to an existing AllianceBernstein IRA. DO NOT complete the AllianceBernstein IRA and Roth IRA Application
 - Roll over a company retirement plan, 403(b) or 457 plan to a new AllianceBernstein Traditional IRA or Roth IRA. In addition to this form, complete and return the AllianceBernstein IRA and Roth IRA Application
 - Have AllianceBernstein initiate a direct transfer of your current Traditional IRA to a new AllianceBernstein Traditional IRA, or your current Roth IRA to an AllianceBernstein Roth IRA. In addition to this form, complete and return the AllianceBernstein IRA and Roth IRA Application.
- Please send all correspondence to **AllianceBernstein Investor Services, Inc., P.O. Box 786003, San Antonio, TX 78278-6003**; for overnight delivery, send to **8000 IH 10 W, 13th Floor, San Antonio, TX 78230**.
- For help filling out this application, call Customer Service at (800) 221 5672, 8:30 a.m. to 6:30 p.m. (ET), Monday–Friday.

1. Individual Information

Please provide your legal name.

| | | |
|----------------------------|------------------------|----------------------|
| Last Name | First Name | MI |
| Date of Birth (MM/DD/YYYY) | Social Security Number | Daytime Phone Number |
| Mailing Address | | |
| City | State | ZIP Code |

2. Account Information

Who is currently holding your account?

| | | |
|---|---|--|
| Name of Custodian, Issuer, Trustee or Employer (for employer retirement plan rollovers) | | |
| Last Name of Contact Person (if known) | First Name of Contact Person (if known) | |
| Mailing Address | | |
| City | State | ZIP Code |
| Telephone Number of Custodian, Issuer, Trustee or Employer | | Account Number (attach a copy of a recent statement) |

3. Transfer Information

Note: If you wish to designate a Trusted Contact Person for this account, please complete and submit the Trusted Contact Person Designation Form.

A. AllianceBernstein IRA

- I have an existing AllianceBernstein IRA. Please transfer my assets referenced in Section 3C into this account.

AllianceBernstein IRA Account Number, Include Fund Number

- I am establishing a new AllianceBernstein IRA. The approximate amount of the transfer is \$ _____.
(Minimum initial investment per fund is \$2,500. Transfer proceeds that do not meet the minimum will be returned to the remitter.)

B. Please transfer/roll over my (select one):

- Traditional IRA Roth IRA Employer Retirement Plan
- 403(b) Plan Roth 401(k)/Roth 403(b) Other _____
- Inherited Traditional IRA Inherited Roth IRA (Please Specify)

Note: If an Inherited option has been selected, complete the decedent’s information below (all fields are required) and provide a copy of the most recent statement for the inherited IRA.

| | |
|-------------------------------------|-------------------------------------|
| Name of Decedent | Relationship to Decedent |
| Decedent Date of Birth (MM/DD/YYYY) | Decedent Date of Death (MM/DD/YYYY) |

C. Select one of the following options:

- Convert to cash immediately _____ of my assets.

Indicate All or Dollar Amount
- Reregister (transfer in kind) _____ of my AllianceBernstein Mutual Fund Shares.

Indicate All or Dollar Amount

| | |
|--------------------------------|----------------------------------|
| Name of AllianceBernstein Fund | Indicate All or Number of Shares |
| Name of AllianceBernstein Fund | Indicate All or Number of Shares |

Dear Trustee or Custodian: I hereby authorize and direct you to transfer the specified assets in my IRA or directly roll over my eligible distribution from my qualified retirement plan, 403(b) plan or 457 plan, to AllianceBernstein Trust Company, the new custodian of my AllianceBernstein IRA. Please send a closing statement to me, but deliver the assets as directed by my new custodian to AllianceBernstein Investor Services, Inc., P.O. Box 786003, San Antonio, TX 78278-6003.

4. Signature

I direct AllianceBernstein Trust Company (ABTC) to carry out the requested transaction in the manner I have indicated. I certify that I have relied on the advice of my own advisor and/or counsel, and that all information provided, including any documentation, is accurate.

In consideration of ABTC acting on such instructions and processing such transactions, I certify that ABTC, the AB mutual funds, and each of their representatives (including, but not limited to, directors, trustees, officers, employees, and agents) have made no representations as to the legal or tax consequences of the requested transaction, do not act as a fiduciary to your plan account, do not have any duties with respect to how the assets are to be invested, and do not provide, nor have provided, investment advice.

Affix Medallion Signature Guarantee Stamp here if required:*

Medallion Signature Guarantee

| | |
|------------------------------------|------|
| Authorized Account Owner Signature | Date |
|------------------------------------|------|

5. AllianceBernstein Will Complete This Section

To Trustee or Custodian: AllianceBernstein Trust Company will accept the transfer or direct rollover described above and establish the appropriate IRA, which qualifies under Section 408 or 408A of the Internal Revenue Code, for the above-named individual.

| | |
|--|------|
| Reference Fund and Account Number | FBO |
| Authorized AllianceBernstein Signature | Date |

*A Medallion Signature Guarantee is a guarantee that a signature is true and correct. The Medallion Signature Guarantee is available at a financial institution that is an eligible guarantor, including banks, brokers, dealers, credit unions, national securities exchanges and savings associations.

AllianceBernstein Roth Conversion/Recharacterization Form

- Please print clearly in blue or black ink.
- Use this form to convert a Traditional IRA to a Roth IRA or recharacterize a Traditional or Roth IRA contribution.
- Note: A conversion from a Traditional IRA to a Roth IRA will have tax consequences. Your current IRA custodian or trustee will report the transaction to you and the IRS. Please read the Disclosure Statement in this booklet for more information, and be sure to consult your tax advisor.
- Please send all correspondence to AllianceBernstein Investor Services, Inc., P.O. Box 786003, San Antonio, TX 78278-6003; for overnight delivery, send to 8000 IH 10 W, 13th Floor, San Antonio, TX 78230.
- For help filling out this application, call Customer Service at (800) 221 5672, 8:30 a.m. to 6:30 p.m. (ET), Monday–Friday.

1. Individual Information

Please provide your legal name.

| | | | |
|----------------------------|------------------------|----------------------|----------|
| Last Name | First Name | MI | |
| Date of Birth (MM/DD/YYYY) | Social Security Number | Daytime Phone Number | |
| Mailing Address | City | State | ZIP Code |

2. Request Type

Please indicate the type of request.

- Conversion (Go to Section 3.) Recharacterization (Go to Section 4.)

A conversion is moving Traditional IRA assets to a Roth IRA.

A recharacterization is redesignating a Traditional IRA regular contribution as a Roth IRA regular contribution, or redesignating a Roth IRA regular contribution as a Traditional IRA regular contribution.

Note: The deadline for completing a recharacterization is the IRA holder's tax filing deadline (including extensions) for the year during which the original contribution was made.

3. Initial Conversion

Complete this section only if you are converting a Traditional IRA to a Roth IRA.

A. Select one:

- Another custodian holds my Traditional IRA. (Complete Sections 3B, 5 and 6.)
 I have an existing AllianceBernstein Traditional IRA. (Complete Sections 3B and 6.)

Please convert the following AllianceBernstein Traditional IRA(s). (Attach a separate sheet if necessary.)

| | | |
|--|-------------|-------------------------------|
| AllianceBernstein Traditional IRA Account Number | Fund Number | Indicate All or Dollar Amount |
| AllianceBernstein Traditional IRA Account Number | Fund Number | Indicate All or Dollar Amount |

B. Please convert my Traditional IRA to the following AllianceBernstein Roth IRA.

- New** (In addition to this form, complete the AllianceBernstein Traditional/Roth IRA Application.)
- Existing** (Please provide your AllianceBernstein Roth IRA account number.)

| | | |
|---|-------------|-------------------------------|
| AllianceBernstein Roth IRA Account Number | Fund Number | Indicate All or Dollar Amount |
|---|-------------|-------------------------------|

4. Recharacterization

Complete this section only if you are requesting a recharacterization.

A. Select one:

- Another custodian holds my IRA.** (Complete Sections 4B, 5 and 6.)
- I have an existing AllianceBernstein IRA.** (Complete Sections 4B and 6.)

Please recharacterize the following AllianceBernstein IRA(s). (Attach a separate sheet if necessary.)

| | | | | |
|--------------------------------------|-------------|-----------------------------------|----------------------------------|-----------------------------|
| AllianceBernstein IRA Account Number | Fund Number | IRA Type (Traditional or Roth) | Indicate All or Dollar Amount | Tax Year of Contribution |
|--------------------------------------|-------------|-----------------------------------|----------------------------------|-----------------------------|

| | | | | |
|--------------------------------------|-------------|-----------------------------------|----------------------------------|-----------------------------|
| AllianceBernstein IRA Account Number | Fund Number | IRA Type (Traditional or Roth) | Indicate All or Dollar Amount | Tax Year of Contribution |
|--------------------------------------|-------------|-----------------------------------|----------------------------------|-----------------------------|

B. Please recharacterize my IRA to the following AllianceBernstein IRA:

- New** (In addition to this form, complete the AllianceBernstein Traditional/Roth IRA Application.)
- Existing** (Please provide your AllianceBernstein IRA account number.)

| | | |
|--------------------------------------|-------------|--------------------------------|
| AllianceBernstein IRA Account Number | Fund Number | IRA Type (Traditional or Roth) |
|--------------------------------------|-------------|--------------------------------|

5. Custodial Information

Complete this section only if another custodian is currently holding your IRA.

A. Who is currently holding your account?

Name of IRA Trustee, Custodian or Issuer

Last Name of Contact Person (if known)

First Name of Contact Person (if known)

Mailing Address

City

State

ZIP Code

Telephone Number of Trustee, Custodian or Issuer

Account Number (If possible, attach a copy of a recent statement)

B. Instructions to Current Custodian:

- Please convert my existing Traditional IRA to an AllianceBernstein Roth IRA.

Dear Trustee or Custodian: I hereby authorize you to transfer my Traditional IRA to AllianceBernstein Trust Company, the Custodian of my AllianceBernstein Roth IRA.

- Please recharacterize the following.

- My Roth IRA contribution to an AllianceBernstein Traditional IRA.
- My Traditional IRA contribution to an AllianceBernstein Roth IRA.

Dear Trustee or Custodian: I hereby authorize you to transfer my Traditional/Roth IRA to AllianceBernstein Trust Company, the Custodian of my AllianceBernstein Traditional/Roth IRA.

Note: The deadline for completing a recharacterization is the IRA holder's tax filing deadline (including extensions) for the year during which the original contribution was made.

Mail distributions to:

AllianceBernstein Investor Services, Inc.
Attn: Roth Conversions
P.O. Box 786003
San Antonio, TX 78278-6003

6. Signature

I have received and read the prospectus for the fund(s) in which I am making my investment. I certify that I am eligible to engage in the transactions requested above. If I am over age 72 (70½ prior to 2020) and I am converting a Traditional IRA to a Roth IRA, I attest that I have withdrawn any amount to be distributed as a Required Minimum Distribution from the Traditional IRA for the current year pursuant to Section 401(a)(9) of the Internal Revenue Code prior to the conversion. (In general, mandatory distributions must begin at age 72 (70½ prior to 2020).

If required by your present custodian, provide Medallion Signature Guarantee Stamp here: *

Medallion Signature Guarantee

Signature of IRA Holder

Date

7. AllianceBernstein Will Complete This Section If Applicable

To Trustee or Custodian: AllianceBernstein Trust Company will accept the transfer proceeds described above and establish the appropriate IRA, which qualifies under Section 408 or 408A of the Internal Revenue Code, for the above-named individual.

Reference Fund and Account Number

FBO

Authorized AllianceBernstein Signature

Date

*Medallion Signature Guarantee is a guarantee that a signature is true and correct. The Medallion Signature Guarantee is available at a financial institution that is an eligible guarantor, including banks, brokers, dealers, credit unions, national securities exchanges and savings associations.

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AllianceBernstein IRA Automatic Investment Form

- Do not complete this form if the account is being opened from an Inherited IRA.
- Please print clearly in blue or black ink.
- Please send all correspondence to AllianceBernstein Investor Services, Inc., P.O. Box 786003, San Antonio, TX 78278-6003; for overnight delivery, send to 8000 IH 10 W, 13th Floor, San Antonio, TX 78230.
- For help filling out this application, call Customer Service at (800) 221 5672, 8:30 a.m. to 6:30 p.m. (ET), Monday–Friday.

1. Individual Information

Please provide your legal name.

| | | |
|----------------------------|------------------------|----------------------|
| Last Name | First Name | MI |
| Date of Birth (MM/DD/YYYY) | Social Security Number | Daytime Phone Number |
| Mailing Address | | |
| City | State | ZIP Code |

2. Automatic Investment Information

- Please establish a new AllianceBernstein Traditional or Roth IRA account. (Fill out an AllianceBernstein IRA and Roth IRA Application.)
- Please make automatic investments to my existing AllianceBernstein Traditional or Roth IRA account(s).

| |
|--------------------------------------|
| AllianceBernstein IRA Account Number |
| AllianceBernstein IRA Account Number |
| AllianceBernstein IRA Account Number |

- Withdraw from my bank account via EFT.***
I authorize AllianceBernstein to draw on my bank account for contributions into my Traditional IRA or Roth IRA fund account(s) as indicated below. Note: All contribution amounts will be treated as current year contributions. For existing accounts, the automatic investment minimum is \$50 per month. For new accounts with no initial investment, the automatic investment minimum is \$200 per month.

| Fund Number | Beginning Date (MM/DD) | Amount | Frequency |
|-------------|------------------------|--------|-----------|
| Fund Number | Beginning Date (MM/DD) | Amount | Frequency |
| Fund Number | Beginning Date (MM/DD) | Amount | Frequency |

Frequency
M = Monthly
Q = Quarterly
A = Annually

3. Shareholder Authorization

| | |
|-------------------------|------|
| Signature of IRA Holder | Date |
|-------------------------|------|

*Electronic Funds Transfer. Your bank must be a member of the National Automated Clearing House Association (NACHA).

4. Bank Information

Note: Your financial institution must be a US bank.

| | | | |
|-----------------------------------|---|---|--|
| | | <input type="checkbox"/> Checking Account | <input type="checkbox"/> Savings Account |
| _____ Your Bank Account Number | _____ Your Bank's ABA Routing Number | Account Type (check one) | |

Please Tape a Preprinted Voided Check Here.

The above services cannot be established without a preprinted voided check. If you are using a savings account, rather than a checking account, please attach a preprinted deposit slip. The check or deposit slip provided must be an original (copies cannot be accepted) and must include the following: Bank Routing Number, Bank Account Number and Bank Account Registration (name and address of account holder). If you are unable to provide these items, please submit a letter from your bank (on bank letterhead) confirming your account information.



Bank ABA Routing # Check # Bank Account #

For EFT transactions, the Fund requires the authorization of each bank account owner listed. If the bank account registration differs from the AllianceBernstein mutual fund account registration, each bank account owner must authorize the Fund to accept investments from and/or make distributions/withdrawal payments to such accounts via EFT by signing below and affixing a Medallion Signature Guarantee Stamp (MSG) for each bank account owner.

Signature (All account owners must sign) _____ Date (MM/DD/YYYY) _____

Signature _____ Date (MM/DD/YYYY) _____

Signer 1 Affix Medallion Signature Guarantee Stamp Below

A Medallion Signature Guarantee (MSG) stamp for each applicable signature is required. An MSG stamp can be obtained at a commercial bank, savings and loan, credit union, or brokerage firm. A Medallion Signature Guarantee for each applicable signature will be required for authorization from an individual other than the AB shareholder.

Signer 2 Affix Medallion Signature Guarantee Stamp Below

A Medallion Signature Guarantee is defined as a guarantee of signature as a warranty, with respect to the signature of an endorser of a security or an originator of an instruction regarding a security that, at the time of signing, guaranteed the signature was genuine; the signer was an appropriate person to sign, or, if the signature is by an agent, the agent had actual authority to act on behalf of the appropriate person; and the signer had legal capacity to sign.

AllianceBernstein Traditional Individual Retirement Account Disclosure Statement

This Disclosure Statement provides information concerning an AllianceBernstein Individual Retirement Account. A "Traditional IRA" is an individual retirement account as that term is described in the Internal Revenue Code ("IRC"); an "AllianceBernstein IRA" is a Traditional IRA in the form governed by the AllianceBernstein Individual Retirement Custodial Account Agreement; and an "IRA" refers to all types of individual retirement accounts, including Traditional IRAs. Not all aspects of an AllianceBernstein IRA are discussed here and you should read the AllianceBernstein Individual Retirement Custodial Account Agreement carefully.

Fiduciary Duty

AllianceBernstein Investor Services, Inc. ("ABIS"), is a transfer agent registered with the Securities and Exchange Commission. ABIS acts as transfer agent and registrar for the AB family of mutual funds. AllianceBernstein Trust Company ("ABTC"), the Custodian of your AB account (including Coverdell ESAs and Traditional, Roth, and SIMPLE IRAs), has engaged ABIS to provide a broad range of services to the various plan types including, but not limited to, enrollment, contribution and distribution processing, tax reporting, and account servicing and support. While ABIS and ABTC receive compensation for the services they provide as detailed in the respective plan documents, neither ABIS nor ABTC acts as a fiduciary to your plan account. ABIS and ABTC do not provide investment advice nor do they have any duties with respect to how the assets are to be invested.

Right to Revoke

An AllianceBernstein IRA that is established on the date you receive this Disclosure Statement, or less than seven days thereafter, may be revoked at any time within seven days after the date the AllianceBernstein IRA is established. An AllianceBernstein IRA established seven days or more after the date of receipt of this Disclosure Statement may not be revoked. If you are entitled to revoke this Traditional IRA, you may do so by mailing or delivering a notice of revocation to AllianceBernstein Investor Services, Inc. within the seven-day period of its establishment. The postmark date of first class mail, properly addressed and mailed postage paid in the United States, is considered the mailing date (or if sent by certified or registered mail, the date of certification or registration). A proper revocation is to be mailed or delivered to the following address:

AllianceBernstein Investor Services, Inc.
Retirement Plans Department
P.O. Box 786003
San Antonio, TX 78278-6003

Upon revocation in accordance with the foregoing procedures, the entire amount you contributed to the AllianceBernstein IRA will be returned to you.

Traditional IRA Requirements

A. Annual Contributions

All contributions to a Traditional IRA (other than transfer or rollover contributions) must be in cash.

The total of your contributions to your Traditional IRAs for a taxable year (excluding rollover or transfer contributions) cannot exceed the lesser of your Contribution Limit (described below) or 100% of your compensation for that year. Compensation includes wages, salaries, commissions, bonuses, tips, earnings from self-employment, alimony and separate maintenance payments but does not include income from interest, dividends, capital gains or amounts not includable in your gross income. The amount you are permitted to contribute to Traditional IRAs for a year is reduced by contributions (other than rollover, transfer or conversion contributions) you make to Roth IRAs for the year. If you reach age 50 or older during a year, your Contribution Limit includes an additional "catch-up" amount as described in the chart on this page entitled "Contribution Limits."

If you turned 70½ prior to 2020, you may not make any contributions to a Traditional IRA (other than rollover or transfer contributions) for the taxable year you turn 70½.

Contribution Limits

| Year | Contribution Limit* | Additional "Catch-Up" Amount if 50 or Older |
|------|---------------------|---|
| 2022 | \$6,000 | \$1,000 |
| 2023 | \$6,500 | \$1,000 |

*The Contribution Limit may be adjusted by the IRS for inflation. If your compensation for a year is less than the Contribution Limit (including the "catch-up" amount, if applicable), your contribution amount is limited to 100% of your compensation.

B. Rollover Contributions—Direct Transfers

You may roll over amounts from another Traditional IRA or an employer plan to your AllianceBernstein IRA if you meet the rollover requirements described below in the section titled "Traditional IRA Income Tax Consequences." You may also directly transfer assets from another Traditional IRA to the custodian of your AllianceBernstein IRA. The custodian may, however, refuse to accept any contributions in a form other than cash.

C. Spousal IRA

Your spouse may establish a Traditional IRA and you or your spouse may contribute to that IRA up to your spouse's Contribution Limit for a taxable year even though he or she has no compensation for the year (a "Spousal IRA"), provided you have compensation. To establish or contribute to a Spousal IRA, you and your spouse must file a joint tax return for the taxable year.

D. Deadline for Making a Contribution

You may make a contribution to your Traditional IRA for a year during that year or any time up to the due date of your federal income tax return for the year, not including extensions. For most individuals, this means that contributions for a year must be made by April 15 of the following year.

If you are a member of the armed forces who served in combat zone or provided qualifying services outside of a combat zone, you receive an automatic extension for making your IRA contribution. The extension is usually 180 days after one of the following:

- The last day you serve in combat zone or complete your qualifying service outside a combat zone
- The last day you serve in a contingency operation
- The last day of any continuous qualified hospitalization for injury from service in either of the above

E. Nonforfeiture

Your interest in each Traditional IRA you maintain is nonforfeitable.

F. Eligible Custodian or Trustee

The custodian of a Traditional IRA must be a bank (as defined in the IRC) or a person approved in accordance with applicable regulations.

G. Commingling Prohibited

Assets of a Traditional IRA cannot be commingled with other property, other than in a common trust fund or a common investment fund.

H. No Life Insurance or Collectibles

Pursuant to the IRC, no assets of any Traditional IRA may be invested in life insurance contracts or collectibles within the meaning of Section 408(m) of the IRC.

I. Distribution Directions

All distribution directions must be in a form and manner acceptable to AllianceBernstein Investor Services, Inc. You must indicate the federal income tax to be withheld on the amount distributed. A distribution can be delayed if this information is not provided.

J. Required Minimum Distributions

The IRC and IRS regulations require you (or your beneficiaries after your death) to take minimum distributions from your Traditional IRA at certain times. The required minimum distribution rules are complex, and this general description does not cover all aspects of these rules. Consult your tax advisor for assistance.

1. **During Your Lifetime.** You must take a minimum distribution from your Traditional IRA for the year in which you reach age 72 (70½ prior to 2020) and each year thereafter. Your required minimum distributions must begin no later than April 1 of the year following the calendar year in which you reach age 72 (70½ prior to 2020). This date is called your "required beginning date." In general, the amount of your required minimum distribution for a year (a "distribution year") is calculated by dividing the balance in your Traditional IRA as of December 31 of the prior year by the distribution period from the uniform lifetime table in IRS regulations, based on the age you attain during that distribution year. However, if your sole primary beneficiary is your spouse and he or she is more than 10 years younger than you, your required minimum distribution for a distribution year is calculated by dividing your Traditional IRA balance as of December 31 of the prior year by the joint life expectancy of you and your spouse. Life expectancies are determined in accordance with IRS regulations. See your tax

advisor and IRS Publication 590 titled “Individual Retirement Arrangements (IRAs)” for more information. The amount of your minimum distribution for each taxable year can be taken from any one of the Traditional IRAs you maintain.

2. After Your Death

- a. If you die **before** January 1, 2020, and **before** your required beginning date—before April 1 of the year following the year you reach age 70½ (if you were born before July 1, 1949) or age 72 (if you were born on or after July 1, 1949)—the entire balance in your Traditional IRA must be distributed (i) in installment payments over the life expectancy of your beneficiary provided the payments begin no later than December 31 of the year following the year you die; or, if your beneficiary elects (or there is no designated beneficiary), (ii) by December 31 of the year that contains the fifth anniversary of your death. However, if the designated beneficiary is your surviving spouse, distributions to your spouse may be postponed to as late as December 31 of the year you would have reached age 70½. If your spouse wishes, they can roll over amounts from your IRA to an IRA in their own name.

If you die **before** January 1, 2020, and **on or after** your required beginning date, how quickly the remaining balance in your Traditional IRA must be distributed will depend upon your designated beneficiary.

If your designated beneficiary is your surviving spouse, your spouse can take distributions over their life expectancy or roll over amounts from your IRA to an IRA in their own name.

If your beneficiary is not your surviving spouse, your Traditional IRA must be distributed over the beneficiary’s life expectancy (determined in the year following your death) and reduced by one for each year thereafter (or it can be distributed over the period described in the next sentence, if longer).

If there is no designated beneficiary (which will be the case if, for example, you designated your estate as your beneficiary), your Traditional IRA must be distributed over your remaining life expectancy determined as of the year of your death and reduced by one for each year thereafter. After your death, your beneficiary may designate one or more persons to receive any amount remaining in the beneficiary’s portion of the IRA at their death. Any person your beneficiary designates (or, if none are designated, your beneficiary’s estate) must receive distributions from the IRA at least as rapidly as your beneficiary would have been required to receive them had they not died.

- b. If you die **after** January 1, 2020, but **before** your required beginning date—before April 1 of the year following the year you reach age 70½ (if you were born before July 1, 1949) or age 72 (if you were born on or after July 1, 1949)—the entire balance in your Traditional IRA must be distributed to an eligible designated beneficiary.

Eligible designated beneficiaries include your spouse; your children prior to reaching the age of majority (“minor child”); an individual who is disabled or certified as chronically ill under the tax code; or an individual who is not more than 10 years younger than you.

If your eligible designated beneficiary is your surviving spouse, your spouse can take distributions over their life expectancy or roll over amounts from your IRA to an IRA in their own name.

If your eligible designated beneficiary is not your surviving spouse, your eligible designated beneficiary can take distributions over their lifetime or the entire balance of your Traditional IRA must be distributed within 10 years of the date of death.

If your eligible designated beneficiary is your minor child, and the minor child reaches the age of majority before the balance of the Traditional IRA has been distributed, the remaining balance of your Traditional IRA must be distributed within 10 years of the date the minor child reached the age of majority.

If your designated beneficiary is an individual (for example, a relative who is not your spouse or child), the entire balance of your Traditional IRA must be distributed within 10 years of the date of death.

If your designated beneficiary is a non-person entity (for example, you designated your estate as your beneficiary), the entire balance of your Traditional IRA must be distributed within 5 years of the date of death.

- c. If you die **after** January 1, 2020, but **on or after** your required beginning date—before April 1 of the year following the year you reach age 70½ (if you were born before July 1, 1949) or age 72 (if you were born on or after July 1, 1949)—the entire balance in your Traditional IRA must be distributed to an eligible designated beneficiary.

Eligible designated beneficiaries include your spouse; your children prior to reaching the age of majority (“minor child”); an individual who is disabled or certified as chronically ill under the tax code; or an individual who is not more than 10 years younger than you.

Eligible designated beneficiaries may choose to (1) distribute the entire balance within 10 years from the date of death, or (2) take distributions over the beneficiary’s life expectancy (determined in the year following your death), which is reduced by one for each year thereafter (“life expectancy payments”) or by using the single life expectancy of the IRA holder’s age in the year of your death, whichever is longer.

If your eligible designated beneficiary is your surviving spouse, and does not wish to take life expectancy payments, they can take distributions over their life expectancy or roll over amounts from your IRA to an IRA in their own name.

If your eligible designated beneficiary is not your surviving spouse, and does not wish to take life expectancy payments, the entire balance of your Traditional IRA must be distributed within 10 years of the date of death.

If your designated beneficiary is an individual (for example, a relative who is not your spouse or child), the entire balance of your Traditional IRA must be distributed within 10 years of the date of death.

If your designated beneficiary is a non-person entity (for example, you designated your estate as your beneficiary), the designated beneficiary must take life expectancy payments as described above.

K. Investment and Holding of Contributions

Contributions to your AllianceBernstein IRA, and the earnings thereon, may be invested only in shares of investment companies for which AllianceBernstein L.P. acts as investment advisor. You (or your designee under the AllianceBernstein IRA) are to direct the actual investments from among these investment companies. After your death, your beneficiary has the right to direct the investments in the IRA, and, after your beneficiary’s death, the person your beneficiary has designated to receive any amounts remaining in the IRA at his or her death will have that right. The assets in your Traditional IRA are held in a custodial account exclusively for your benefit and the benefit of such beneficiary(ies) as you may designate in writing to the custodian.

L. Special Rules for SEP Plans

Your employer may make contributions to your Traditional IRA under a Simplified Employee Pension (SEP) Plan. If your employer has set up a SEP Plan, your employer may contribute each year to your Traditional IRA up to 25% of your compensation for the year. For this purpose, your compensation is limited to \$330,000 for 2023, but the IRS may increase this limit for future years. The amount that your employer contributes for you under a SEP Plan is not included in your gross income for income tax purposes. An employer that maintains a SEP is required to give employees information about the plan.

Traditional IRA Income Tax Consequences

A. Deduction for Contributions to Traditional IRAs

Although you may contribute up to your Contribution Limit (described above) or 100% of your compensation, whichever is less, to a Traditional IRA, the amount that you are allowed to claim as a tax deduction depends on a number of factors. You are responsible for determining the deductible amount of any contribution. We suggest you consult with your tax advisor who can help you with this determination.

1. **Active Participant in an Employer Retirement Plan.** If you or your spouse is an active participant in an employer-sponsored retirement plan, you may not be able to deduct all of your IRA contribution. The Form W-2 provided to you by your employer should indicate whether you were considered an active participant for the calendar year covered by the form. In general, you will be considered an active participant in an employer retirement plan for IRA deduction purposes if you are covered by a qualified pension, profit sharing, 401(k), stock bonus or annuity plan, a tax-sheltered annuity plan described in Section 403(b) of the IRC, a Simplified Employee Pension (SEP) plan, a SIMPLE IRA plan, a government plan (except certain plans described in Section 457 of the IRC) or a plan described in Section 501(c)(18) of the IRC.

If neither you nor your spouse is an active participant in an employer-sponsored plan, the entire amount you contribute to your Traditional IRA is deductible. Additionally, if neither you nor your spouse are active participants and you have established a Spousal IRA, the entire amount of the contribution to the Spousal IRA is also deductible.

2. **Modified Adjusted Gross Income.** If you are an active participant in an employer-sponsored retirement plan, the amount you are allowed to claim as a deduction depends on the amount of your adjusted gross income (“AGI”) for the tax year, with certain modifications. Instructions on how to calculate your AGI are provided with your income tax Form 1040 or 1040A. Your modified adjusted gross income (“MAGI”) is your AGI without taking into account any IRA deduction, foreign earned income exclusion, foreign housing exclusion or deduction, student loan interest deduction, tuition and fees deduction, exclusion of qualified bond interest shown on Form 8815 and exclusion of employer-paid adoption expenses shown on Form 8839.
3. **Phase-out Range for Active Participants.** If you are an active participant in an employer-sponsored retirement plan, your deduction limit begins to decrease when

your MAGI is above a certain level and it is eliminated altogether when it reaches the upper limit of the applicable “phase-out range.” The chart below shows the phase-out ranges that apply, based upon an individual’s income tax filing status. The IRS can adjust these limits for inflation in increments of \$1,000.

Note that if your MAGI is below the phase-out range, your Traditional IRA contributions will be fully deductible, even if you are an active participant in an employer plan. If it is above the phase-out range, your contributions will not be deductible. To calculate your deduction limit if your MAGI falls within the phase-out range, subtract your MAGI from the upper limit of the applicable phase-out range and multiply the result by your Contribution Limit and then divide by 10,000 if using a Single or Head of Household status. Divide by 20,000 if using Married-Joint Return or Qualifying Widow(er). Round the resulting number up to the next \$10 if it is not a multiple of \$10. If your deduction limit is greater than \$0 but less than \$200, you may deduct up to \$200 of your contribution.

Phase-out Ranges for Active Participants

| Filing Status | Year | Phaseout Range |
|--|---------------------|---------------------|
| Single or Head of Household | 2023 | \$73,000–\$83,000 |
| Married—Joint Return or Qualifying Widow(er) | 2023 | \$116,000–\$136,000 |
| Married—Separate Return | 2004 and thereafter | \$0–\$10,000 |

If you are married and file a joint return and your spouse is an active participant in an employer-sponsored retirement plan but you are not, your Traditional IRA or Spousal IRA contribution is fully deductible unless the MAGI on your joint return is \$218,000 or more. If your MAGI is between \$218,000 and \$228,000, a portion of the contribution is deductible using the calculation described above. If your MAGI is \$228,000 or more, none of the contribution is deductible. Note that these ranges are for 2023. The IRS may adjust them for inflation in future years.

- 4. Nondeductible Contributions.** Although your deduction for IRA contributions may be reduced or eliminated because of the MAGI limit, you can still make contributions to your Traditional IRA up to your Contribution Limit or 100% of compensation, whichever is less. The amount you contribute that you cannot deduct is called a “nondeductible contribution.” You must file Form 8606 with your federal income tax return to report your nondeductible contributions.

B. Earnings Are Tax-Deferred

Investment earnings of your Traditional IRA are not subject to federal income tax as they accumulate in your Traditional IRA.

C. Distributions

Distributions from your Traditional IRA are generally subject to federal income tax in the year of the distribution. However, distributions from your Traditional IRA that represent a return of nondeductible contributions, timely refunds of excess contributions and valid rollovers or direct transfers to other Traditional IRAs or qualified plans are not subject to federal taxes. Distributions from Traditional IRAs are not eligible for any of the special rules that apply to lump-sum distributions from qualified employer plans.

If you made nondeductible contributions to any Traditional IRA, a portion of each distribution will be free from federal income tax. In this case, each distribution will be treated as partly a return of nondeductible contributions (tax-free) and partly a distribution of deductible contributions and earnings (taxable). The tax-free amount is calculated by multiplying the amount you withdraw by the ratio of the total amount of nondeductible contributions to the total balance of all your Traditional IRAs. We suggest you consult your tax advisor for help in determining the taxable amount of your distributions.

D. Rollovers and Direct Transfers

Generally, a rollover is a tax-free distribution to you of cash or other assets from one retirement plan that you contribute to another. A direct transfer is a tax-free movement of cash or other assets from one IRA trustee or custodian to another, with no distribution to you. There is no limit on the amount that can be rolled over or transferred, but the investment provider or custodian may impose fees or other charges in connection with the transaction. The rules, which are summarized below, are rather complex. If you are contemplating a rollover or conversion, you should consult your tax advisor.

- 1. Traditional IRA to Traditional IRA Rollovers and Direct Transfers.** You may roll over the amount you withdraw from your Traditional IRA tax-free to another Traditional IRA you own, provided you make the rollover contribution to the new Traditional IRA by the 60th day after the day you receive the distribution. You can receive a distribution from an IRA and roll it over once in any one-year period, regardless of the number or types (Traditional, Roth, SEP, SIMPLE) of IRAs you own. This one-year waiting period begins on the date you receive the distribution. You can also authorize your Traditional IRA trustee or custodian to directly transfer your assets to another Traditional IRA. The 60-day rule and the one-year waiting period do not apply to direct transfers.

- 2. Traditional IRA to Roth IRA Conversions.** You can roll over (or convert) all or any portion of your existing Traditional IRA into a Roth IRA. The amount you convert from a Traditional IRA to a Roth IRA is treated as a distribution for income tax purposes and is includable in your gross income (except for the amount of any nondeductible contributions) but it is not subject to the 10% early distribution penalty. For more information about converting your Traditional IRA to a Roth IRA, please see the AllianceBernstein IRA Disclosure Statement.

- 3. Employer Plan to Traditional IRA Rollover.** You may roll over any “eligible rollover distribution” from your employer’s qualified retirement plan, a 403(b) plan or a governmental deferred compensation plan (section 457 plan) into a Traditional IRA. An “eligible rollover distribution” is generally any distribution from one of those plans other than the following:
 - (a) required minimum distributions;
 - (b) certain distributions that are part of a series of periodic payments; or
 - (c) distributions you receive on account of financial hardship.

If you elect to have an eligible rollover distribution paid directly to you, the administrator of your employer’s plan is required to withhold 20% for federal income tax purposes and send that amount to the IRS. You can still make a tax-free rollover contribution to a Traditional IRA by the 60th day after the day you received the distribution.

You can also roll over, within the 60-day limit, an amount equal to the amount that was withheld from your eligible rollover distribution. You can elect to have all or part of an eligible rollover distribution directly rolled over tax-free to your Traditional IRA. The 20% withholding requirement does not apply to the amount directly rolled over. The AllianceBernstein Traditional IRA will accept direct rollovers from employer plans on behalf of nonspouse beneficiaries of deceased plan participants. As the rules require, any such rollover will be held in a “beneficiary IRA.” Employer plans are not required to offer a direct rollover option to nonspouse beneficiaries.

Before making a distribution, the administrator of your employer’s plan is required to give you a notice that describes your rollover rights, among other things.

- 4. Traditional IRA to Employer Plan Rollover.** You may be able to roll over amounts from your Traditional IRA tax-free to an “eligible employer plan.” For this purpose, an “eligible employer plan” includes a plan qualified under section 401(a) of the IRC (such as a 401(k) plan), a section 403(b) plan and a governmental section 457 plan, among others.

Employer plans are not legally required to accept rollovers so you should check with the sponsor of the plan to see whether the plan does.

If the plan accepts rollovers and you decide to roll over, you must satisfy the 60-day rule described above in the paragraph titled “Traditional IRA to Traditional IRA Rollovers and Direct Transfers.”

- 5. Written Election.** At the time you make a qualifying rollover to an IRA, you must designate to the IRA custodian or trustee, in writing, your irrevocable election to treat that contribution as a rollover contribution.

E. “Saver’s” Tax Credits

Certain taxpayers may be eligible for a tax credit—called the “Saver’s Credit”—for making contributions to IRAs or other retirement plans. The amount of the credit is based on the amount contributed and the taxpayer’s adjusted gross income (AGI). The Saver’s Credit is not available to joint filers whose AGI is greater than \$73,000, single or separate filers whose AGI is greater than \$36,500, and individuals whose filing status is “head of household” with AGI greater than \$54,750 for 2023. The IRS may adjust these limits for inflation in future years. The rules are complicated, so consult your tax advisor or see IRS Publication 590 for more information about the Saver’s Credit.

Federal Tax Penalties

A. Early Distribution Penalty

Although you can withdraw your money from a Traditional IRA at any time, a Traditional IRA is intended to provide income for your retirement. Accordingly, the law generally imposes a penalty on premature distributions. If you receive a distribution before reaching age 59½, other than a qualifying rollover distribution or the timely distribution of certain excess contributions, the distribution will be taxed as ordinary income and will also be subject to an additional 10% penalty tax. The 10% additional tax does not apply when distributions are made before age 59½ in the following situations:

- (a) you become totally and permanently disabled or die;
- (b) the purpose of the distribution is to pay for qualified higher education expenses;
- (c) the purpose of the distribution is to pay for qualified first-time homebuyer expenses (there is a \$10,000 limit on the amount you can withdraw penalty-free under this exception);

- (d) the purpose of distribution is to pay for certain medical expenses in excess of 10% of your adjusted gross income;
- (e) the purpose of distribution is to pay the amount of certain health insurance premiums that are paid during the taxable year if you were unemployed for 12 consecutive weeks (several other conditions apply to this exception);
- (f) the distributions are made in a series of substantially equal periodic payments over your life (or life expectancy) or the joint lives (or life expectancies) of you and your designated beneficiary;
- (g) the distribution is due to an IRS levy of the IRA;
- (h) the distribution is a qualified reservist distribution;
- (i) the distribution (of up to \$100,000) is due to a presidentially declared disaster; or
- (j) the distribution is for qualified birth or adoption expenses of up to \$5,000

B. Excess Contributions

Contributions to a Traditional IRA above the permissible limits are subject to a 6% excise tax for each year that the excess is not withdrawn or eliminated. This excise tax is your personal liability and is not deductible.

You may correct an excess contribution that you made for a tax year without paying the 6% excise tax. To do so, you must withdraw the excess, along with the earnings attributable to the excess, by your tax return due date for the year, including extensions. Generally, if you withdraw an excess after the due date (including extensions) for filing your tax return for the year for which you made the contribution, the excess contribution will be subject to the annual 6% excise tax, and it will also be includable in income. In addition, if you have not attained the age of 59½, you will also be subject to the 10% penalty tax on premature distributions unless you meet one of the exceptions to the 10% penalty.

You may also eliminate an excess contribution by carrying it forward and applying it as a contribution for a subsequent taxable year. To use this method of correction, you must be eligible to make a contribution in that subsequent year.

C. Excess Accumulation Penalty—Required Minimum Distributions

If, after you attain age 72 (70½ prior to 2020), the amount you withdraw for a year from your Traditional IRA is less than the minimum amount required by law to be distributed in accordance with applicable IRS regulations, a 50% excise tax may be imposed. This 50% penalty will apply to the amount of the distribution that was not taken as required. Note that this 50% penalty may also apply to any beneficiary who fails to take a distribution as required after your death. The IRS may waive this penalty if the deficiency was due to reasonable error and reasonable steps are being taken to correct the deficiency.

D. Penalty Reporting

You must generally file IRS Form 5329 with the IRS if you owe any of the penalties or excise taxes described above. See the instructions for Form 5329 for additional information.

Limitations and Restrictions

A. Federal Income Tax Withholding

Distributions from a Traditional IRA are subject to federal income tax withholding unless the recipient elects that no tax be withheld. Unless you elect not to have taxes withheld,

they will be withheld generally at a rate of 10% of the amount of each distribution and turned over to the government as a prepayment of your tax liability for the year the distribution is made. However, you can instruct the custodian to withhold a percentage that is greater or less than 10%.

B. Federal Estate and Gift Taxes

The balance in a Traditional IRA is includable in your gross estate for federal estate tax purposes. If you select your spouse as the beneficiary, however, the unlimited estate tax marital deduction may result in the Traditional IRA balance not being subject to regular estate tax. An election under a Traditional IRA to have a distribution payable to a beneficiary on your death is not treated as a gift subject to federal gift tax.

C. Prohibited Transactions

If during any taxable year you engage in a so-called "prohibited transaction" with respect to your Traditional IRA, the account will lose its tax-exempt status. In that event, the fair market value of all assets in the Traditional IRA, valued as the first day of such taxable year, will be deemed distributed to you and includable in your gross income (subject to the normal rules regarding the computation of the amount excludable from income on account of nondeductible IRA contributions you have made). These prohibited transactions would include borrowing any amount from your Traditional IRA.

If you pledge your Traditional IRA or any portion thereof as security for a loan, such pledged portion will be deemed distributed to you and includable in your gross income. Moreover, if you have not attained age 59½ and do not meet one of the exceptions, the additional 10% excise tax on premature distributions discussed above will be imposed.

Financial Information

The growth in value of investment company shares held in your AllianceBernstein IRA can be neither guaranteed nor projected.

Annual Maintenance

A \$25 annual maintenance fee is currently charged for each AllianceBernstein Traditional IRA with an account balance of \$25,000 or less. A portion of the fee is remitted to AllianceBernstein Investor Services, Inc. as compensation for its services. The applicable fees may be modified from time to time.

Charging of Fees and Expenses

The custodian's fees and any administrative expenses may, in the discretion of the custodian, be charged against and paid from the assets of the custodial account (as may, under certain circumstances, the compensation of a person you designate to direct the investment of your AllianceBernstein Traditional IRA).

Miscellaneous

The substantive provisions of your Traditional Individual Retirement Custodial Account Agreement have been approved by the Internal Revenue Service as to form, but this approval is a determination only as to form and does not represent a determination of the merits of your Traditional IRA. Further information concerning IRAs can be obtained from any district office of the Internal Revenue Service. Additional information about IRAs is contained in IRS Publication 590 titled "Individual Retirement Arrangements (IRAs)."

AllianceBernstein Traditional Individual Retirement Account Custodial Agreement

Traditional Individual Retirement Custodial Account Under Section 408(a) of the Internal Revenue Code Department of the Treasury—Internal Revenue Service Form 5305-A (Rev. April 2017)

The Depositor whose name appears on the Application is establishing an Individual Retirement Account under section 408(a) to provide for his or her retirement and for the support of his or her beneficiaries after death. The Custodian named on the Application has given the Depositor the disclosure statement required under Regulations section 1.408-6.

The Depositor has assigned the custodial account the sum indicated on the Application.

The Depositor and the Custodian make the following agreement:

Article I

Except in the case of a rollover contribution described in section 402(c), 403(a)(4), 403(b)(8), 408(d)(3), or 457(e)(16), an employer contribution to a simplified employee pension plan as described in section 408(k), or a recharacterized contribution described in section 408A(d)(6), the Custodian will accept only cash contributions up to \$3,000 per year for tax years 2002 through 2004. That contribution limit is increased to \$4,000 for tax years 2005 through 2007 and \$5,000 for 2008 and thereafter. For individuals who have reached the age of 50 before the close of the tax year, the contribution limit is increased to \$3,500 per year for tax years 2002 through 2004, \$4,500 for 2005, \$5,000 for 2006 and 2007, and \$6,000 for 2008 and thereafter. For tax years after 2008, the above limits will be increased to reflect a cost-of-living adjustment, if any.

Article II

The Depositor's interest in the balance in the custodial account is nonforfeitable.

Article III

1. No part of the custodial account funds may be invested in life insurance contracts, nor may the assets of the custodial account be commingled with other property except in a common trust fund or common investment fund (within the meaning of section 408(a)(5)).
2. No part of the custodial account funds may be invested in collectibles (within the meaning of section 408(m)) except as otherwise permitted by section 408(m)(3), which provides an exception for certain gold, silver, and platinum coins, coins issued under the laws of any state, and certain bullion.

Article IV

1. Notwithstanding any provision of this agreement to the contrary, the distribution of the Depositor's interest in the custodial account shall be made in accordance with the following requirements and shall otherwise comply with section 408(a)(6) and the regulations thereunder, the provisions of which are herein incorporated by reference.
2. The Depositor's entire interest in the custodial account must be, or begin to be, distributed not later than the Depositor's required beginning date, April 1 following the calendar year in which the Depositor reaches age 72 (70½ prior to 2020). By that date, the Depositor may elect, in a manner acceptable to the Custodian, to have the balance in the custodial account distributed in:
 - (a) A single sum or
 - (b) Payments over a period not longer than the life of the Depositor or the joint lives of the Depositor and his or her designated beneficiary.
3. If the Depositor dies before his or her entire interest is distributed to him or her, the remaining interest will be distributed as follows:
 - (a) If the Depositor dies on or after the required beginning date and:
 - (i) The designated beneficiary is the Depositor's surviving spouse, the remaining interest will be distributed over the surviving spouse's life expectancy as determined each year until such spouse's death, or over the period in paragraph (a)(iii) below if longer. Any interest remaining after the spouse's death will be distributed over such spouse's remaining life expectancy as determined in the year of the spouse's death and reduced by 1 for each subsequent year, or, if distributions are being made over the period in paragraph (a)(iii) below, over such period
 - (ii) The designated beneficiary is not the Depositor's surviving spouse, the remaining interest will be distributed over the beneficiary's remaining life expectancy as determined in the year following the death of the Depositor and reduced by 1 for each subsequent year, or over the period in paragraph (a)(iii) below if longer.

- (iii) There is no designated beneficiary, the remaining interest will be distributed over the remaining life expectancy of the Depositor as determined in the year of the Depositor's death and reduced by 1 for each subsequent year.
- (b) If the Depositor dies before the required beginning date, the remaining interest will be distributed in accordance with (i) below or, if elected or there is no designated beneficiary, in accordance with (ii) below:
 - (i) The remaining interest will be distributed in accordance with paragraphs (a)(i) and (a)(ii) above (but not over the period in paragraph (a)(iii), even if longer), starting by the end of the calendar year following the year of the Depositor's death. If, however, the designated beneficiary is the Depositor's surviving spouse, then this distribution is not required to begin before the end of the calendar year in which the Depositor would have reached age 70½. But, in such case, if the Depositor's surviving spouse dies before distributions are required to begin, then the remaining interest will be distributed in accordance with (a)(ii) above (but not over the period in paragraph (a)(iii), even if longer), over such spouse's designated beneficiary's life expectancy, or in accordance with (ii) below if there is no such designated beneficiary.
 - (ii) The remaining interest will be distributed by the end of the calendar year containing the fifth anniversary of the Depositor's death.
4. If the Depositor dies before his or her entire interest has been distributed and if the designated beneficiary is not the Depositor's surviving spouse, no additional contributions may be accepted in the account.
 5. The minimum amount that must be distributed each year, beginning with the year containing the Depositor's required beginning date, is known as the "required minimum distribution" and is determined as follows:
 - (a) The required minimum distribution under paragraph 2(b) for any year, beginning with the year the Depositor reaches age 72 (70½ prior to 2020), is the Depositor's account value at the close of business on December 31 of the preceding year divided by the distribution period in the uniform lifetime table in Regulations section 1.401(a)(9)-9. However, if the Depositor's designated beneficiary is his or her surviving spouse, the required minimum distribution for a year shall not be more than the Depositor's account value at the close of business on December 31 of the preceding year divided by the number in the joint and last survivor table in Regulations section 1.401(a)(9)-9. The required minimum distribution for a year under this paragraph (a) is determined using the Depositor's (or, if applicable, the Depositor and spouse's) attained age (or ages) in the year.
 - (b) The required minimum distribution under paragraphs 3(a) and 3(b)(i) for a year, beginning with the year following the year of the Depositor's death (or the year the Depositor would have reached age 72 (70½ prior to 2020), if applicable under paragraph 3(b)(i)) is the account value at the close of business on December 31 of the preceding year divided by the life expectancy (in the single life table in Regulations section 1.401(a)(9)-9) of the individual specified in such paragraphs 3(a) and 3(b)(i).
 - (c) The required minimum distribution for the year the Depositor reaches age 72 (70½ prior to 2020) can be made as late as April 1 of the following year. The required minimum distribution for any other year must be made by the end of such year.
 6. The owner of two or more Traditional IRAs may satisfy the minimum distribution requirements described above by taking from one Traditional IRA the amount required to satisfy the requirement for another in accordance with the regulations under section 408(a)(6).

Article V

1. The Depositor agrees to provide the Custodian with all information necessary to prepare any reports required by section 408(i) and Regulations sections 1.408-5 and 1.408-6.
2. The Custodian agrees to submit to the Internal Revenue Service (IRS) and Depositor the reports prescribed by the IRS.

Article VI

Notwithstanding any other articles which may be added or incorporated, the provisions of Articles I through III and this sentence will be controlling. Any additional articles inconsistent with section 408(a) and the related regulations will be invalid.

Article VII

This agreement will be amended as necessary to comply with the provisions of the Code and the related regulations. Other amendments may be made with the consent of the persons whose signatures appear on the Application.

Article VIII

- Investments.** The Depositor has exclusive responsibility for and control over the investment of the custodial account, provided that the account may be invested only in shares of investment companies for which AllianceBernstein L.P. acts as investment advisor. Investments are to be directed in a manner acceptable to AllianceBernstein Investor Services, Inc. ("Services") either by the Depositor or a person appointed by the Depositor in accordance with Section 2. In the absence of applicable investment instructions, the Depositor hereby instructs that the account, or portion thereof for which there are no such instructions, be (i) held uninvested or (ii) returned to the Depositor. The Custodian reserves the right to refuse to accept any contribution to the account in a form other than cash. If an investment company held in the custodial account is liquidated as provided by law and the Depositor fails to give instructions to Services regarding an alternative investment prior to such liquidation, the Depositor hereby instructs that the liquidation proceeds be invested in shares of the AllianceBernstein Exchange Reserves (a money market fund), or any successor thereto. This Agreement is subject to the provisions of the prospectuses of each investment held in the custodial account to the extent applicable including, but not limited to, provisions that permit any fund to close an account that has a balance below the level specified in such prospectus (a "small balance fund account"). If a fund closes a small balance fund account, the Custodian may distribute the proceeds from the liquidation of such account to the Depositor.
- Investment Advisors.** Services may permit the Depositor to delegate investment responsibility for assets of the custodial account to a third person. Services and the Custodian shall follow the directions of such a person only if Services receives written notice in a form satisfactory to it of the delegation specifically setting forth such person's authority. Services may withdraw its permission for the appointment of any such person at any time for any reason.
- Materials, Voting.** The Custodian or Services shall forward to the Depositor all papers it receives relating to any investment in the custodial account. The Custodian shall vote any investment in accordance with the written instructions of the Depositor or a person duly appointed by the Depositor. Absent such instructions, the Custodian, Services or one of its affiliates shall vote any shares of an investment company for which AllianceBernstein L.P. acts as investment advisor (for, against or abstain) in the same proportion as all shares of that investment company for which timely voting instructions have been received.
- Distributions.** The Custodian shall only make distributions from the custodial account, including any distributions that may be required under federal tax laws or regulations, on the directions of the Depositor, or after the Depositor's death his or her beneficiary(ies), and only in such form, manner and amounts as are specified in such directions, provided they are acceptable in form to Services. Services may permit certain distribution requests in amounts not in excess of \$100,000 per day to be made by telephone or via the Internet. Neither the Custodian nor Services shall be responsible for the purpose or propriety of any distribution from the custodial account. The Custodian shall have no right, except if properly directed, to liquidate assets in the custodial account to make any distribution.
- Beneficiaries.** If the Depositor dies before receiving the entire balance in the custodial account, the Depositor's beneficiaries are to receive payment of all amounts in the custodial account. By written notice to Services in a form satisfactory to it, the Depositor may designate or change the beneficiary(ies) to receive the designated portion of the custodial account. In the absence of a designated beneficiary who survives the Depositor, the Depositor's surviving spouse, if any, shall be the beneficiary, and if none, the Depositor's surviving children in equal shares, and if none, the Depositor's estate. After the Depositor's death, a beneficiary of the Depositor shall have the right to (i) direct the investment of the portion of the custodial account of which the beneficiary is such as if the beneficiary was the Depositor and shall be considered the Depositor with respect to other investment matters involving that portion of the account and (ii) designate one or more persons to receive distribution of any amount remaining in the beneficiary's portion of the custodial account at the beneficiary's death and direct the investment of the custodial account. Any person designated by the beneficiary (or, if none are designated, the beneficiary's estate) must receive distributions from the custodial account in accordance with Article IV at least as rapidly as the beneficiary would have been required to receive them had he or she not died. Such designation must be in writing on a form satisfactory to Services.
- Fees and Expenses.** The Custodian has the right to charge an annual fee and other designated fees (e.g., for transfers or distributions) for its services and to be reimbursed for its expenses. All expenses incurred by the Custodian or Services in the performance of their duties hereunder, including fees for legal services rendered to them, and the Custodian's compensation not paid directly by the Depositor or a beneficiary, may, in the discretion of the Custodian or Services, be charged against and paid from the custodial account. The compensation of any person the Depositor appoints in accordance with Section 2 of this Article and any other direct investment related expenses of the custodial account shall, if the Depositor so directs by written notice to the Custodian in form satisfactory to the Custodian, or pursuant to a written agreement between Services and such appointee at the written direction of the appointee, be charged against and paid from the assets of the custodial account. Notwithstanding any provision of this Agreement to the contrary, the Custodian may liquidate sufficient permissible investments from the custodial account to pay any such expenses, including compensation.
- Removal of Custodian.** Services may remove the Custodian effective after at least thirty days prior to written notice to the Custodian which shall designate a successor trustee or custodian. Upon receipt by the Custodian and Services of written acceptance of such appointment by the successor, the removal of the Custodian shall be effective, and the Custodian shall, within thirty days of the effective date of the successor's appointment, transfer and deliver to the successor all assets of the custodial account and all records pertaining thereto, provided that the Custodian may reserve such assets as it may deem advisable for the payment of its compensation and expenses and for the payment of all liabilities which are a charge on or against the custodial account or the Custodian. Any balance of such reserve remaining after the payment of all such items shall be paid over to the successor.
- Resignation of Custodian.** The Custodian may resign at any time effective after at least thirty days prior to written notice to the Depositor and Services. After receiving such notice, Services may appoint a successor trustee or custodian. Upon receipt by the Custodian of the successor's written acceptance of its appointment, the Custodian shall act in the manner provided for in Section 7 of this Article as regards the transfer of assets to the successor and may reserve assets as permitted therein. If before the Custodian's resignation becomes effective, either the Depositor, or the Depositor's beneficiary if the Depositor is deceased, has not directed the transfer of the custodial account to another custodian or to a trustee, or Services does not appoint a successor under this Agreement which has accepted its appointment, the Custodian may terminate the custodial account by distributing all assets of the account in cash or in kind to the Depositor or beneficiary, as applicable, subject to the Custodian's right to reserve funds as referred to in Section 7 of this Article. Neither the Custodian nor Services shall be liable for any tax that results from any distribution pursuant to this Section 8.
- Transfers.** The Custodian, upon written direction of the Depositor and after submission to the Custodian or Services of such documents as either of them may require, shall, subject to the Custodian's right to reserve assets as referred to in Section 7 of this Article, transfer the assets in the custodial account to the trustee or custodian of a successor individual retirement account or individual retirement annuity issued by an insurance company for the Depositor's benefit, or to a trust under a plan which satisfies the qualification requirements of section 401(a) of the Code, or to an annuity contract or custodial account described in section 403(b) of the Code. The Depositor may arrange for the transfer of assets held in another individual retirement account or individual retirement annuity to the Custodian to be held in this custodial account, provided the Depositor submits to the Custodian or Services such documents as either of them may require.
- Successors.** This Agreement shall apply to any successor custodian as if the successor was the initial custodian. The Custodian and Services shall not be liable for any actions or failures to act on the part of any successor custodian or trustee. If the Custodian is merged with another organization, or if the business of the Custodian of which its services under this Agreement is a part is acquired by another organization, that other organization shall automatically be the Custodian if such organization satisfies the applicable requirements of the Code.
- Amendments.** Notwithstanding any provision of this Agreement to the contrary, the Depositor delegates to Services authority to amend this Agreement (including retroactive amendments) by written notice to the Depositor, provided that no amendment shall cause or permit any part of the custodial account to be diverted to purposes other than for the exclusive benefit of the Depositor or the Depositor's beneficiary(ies), and no amendment shall be made which would disqualify this Agreement from complying with any applicable provision of the Code.
- Reliance and Responsibilities.** The Custodian and Services may conclusively rely upon as proper and accurate, and are to have no liability in acting upon, or omitting to take any action based upon, any direction, election, instruction, request or information concerning the custodial account which the Custodian or Services, as applicable, believes to be genuine and from the Depositor or another authorized person. Before taking or omitting to take any such action, the Custodian or Services may request such proof of authority or other documentation as it deems necessary or appropriate. Neither the Custodian nor Services shall be responsible for any losses, taxes, penalties, costs, expenses or other liabilities of the Depositor or any other person that result from any action or failure to act of the Depositor or any other

person. The Depositor and the Depositor's successors and assigns, including each beneficiary, as applicable, shall reimburse the Custodian and Services for any such amount the Depositor or Services may incur in connection with any such action or failure and shall indemnify the Custodian and Services, and each of their affiliates, successors and assigns, against and hold them harmless from, all claims against, and liabilities of, the Custodian or Services with respect to the custodial account (including all attorneys' fees and other expenses incurred in defending against any such claims or liabilities) except those arising from the Custodian's or Service's own bad faith, gross negligence or willful misconduct. Neither the Custodian nor Services has any duty to determine whether contributions or distributions comply with this Agreement or the Code, to take any action other than as specified in this Agreement or the Code, or to defend or engage in any suit with respect to this Agreement or the custodial account.

13. **Restrictions.** No interest in the custodial account shall be sold, transferred, pledged or subject to levy of any kind, except as required by law.
14. **Agents.** Either the Custodian or Services may hire agents to perform duties hereunder.
15. **Notices, Addresses.** Any notice to be given to the Custodian or Services shall be considered given if received by the Custodian or Services at AllianceBernstein Investor Services, Inc., Retirement Plans Department, P.O. Box 786003, San Antonio, TX 78278-6003 or such other address as the Custodian or Services, as applicable, shall provide to the Depositor, or the Depositor's beneficiary, as applicable. Any notice to be given to the Depositor or a beneficiary shall be considered given when mailed to the Depositor's or beneficiary's last address provided to the Custodian or Services.
16. **Applicable Law.** This Agreement is governed by the applicable provisions of the Code and the laws of the State of North Dakota. If any part of this Agreement is held to be illegal or invalid, the rest of the Agreement shall not be affected. Any failure by anyone to enforce any provision of this Agreement shall not waive that provision.

(The following information is from IRS Form 5305-A. Section references are to the Internal Revenue Code unless otherwise noted.)

General Instructions

Purpose of Form

Form 5305-A is a model custodial account agreement that meets the requirements of section 408(a) and has been pre-approved by the IRS. A traditional individual retirement account (Traditional IRA) is established after the form is fully executed by both the individual (Depositor) and the Custodian and must be completed no later than the due date of the individual's income tax return for the tax year (excluding extensions). This account must be created in the United States for the exclusive benefit of the Depositor or his or her beneficiaries.

Do not file Form 5305-A with the IRS. Instead, keep it with your records.

For more information on IRAs, including the required disclosures the Custodian must give the Depositor, see Pub. 590, Individual Retirement Arrangements (IRAs).

Definitions

Custodian

The Custodian must be a bank or savings and loan association, as defined in section 408(n), or any person who has the approval of the IRS to act as custodian.

Depositor

The Depositor is the person who establishes the custodial account.

Identifying Number

The Depositor's social security number will serve as the identification number of his or her IRA. An employer identification number (EIN) is required only for an IRA for which a return is filed to report unrelated business taxable income. An EIN is required for a common fund created for IRAs.

Traditional IRA for Nonworking Spouse

Form 5305-A may be used to establish the IRA custodial account for a nonworking spouse.

Contributions to an IRA custodial account for a nonworking spouse must be made to a separate IRA custodial account established by the nonworking spouse.

Specific Instructions

Article IV

Distributions made under this article may be made in a single sum, periodic payment, or a combination of both. The distribution option should be reviewed in the year the Depositor reaches age 72 (70½ prior to 2020) to ensure that the requirements of section 408(a)(6) have been met.

Article VIII

Article VIII and any that follow may incorporate additional provisions that are agreed to by the Depositor and Custodian to complete the agreement. They may include, for example, definitions, investment powers, voting rights, exculpatory provisions, amendment and termination, removal of the Custodian, Custodian's fees, state law requirements, beginning date of distributions, accepting only cash, treatment of excess contributions, prohibited transactions with the Depositor, etc. Use additional pages if necessary.

AllianceBernstein Roth Individual Retirement Account Disclosure Statement

This Disclosure Statement provides information concerning an AllianceBernstein Roth Individual Retirement Account. A "Roth IRA" is an individual retirement account as that term is described in the Internal Revenue Code ("IRC"); an "AllianceBernstein Roth IRA" is a Roth IRA in the form governed by the AllianceBernstein Roth Individual Retirement Custodial Account Agreement; and an "IRA" refers to all types of individual retirement accounts, including Roth IRAs. Not all aspects of an AllianceBernstein Roth IRA are discussed here and you should read the AllianceBernstein Roth Individual Retirement Custodial Account Agreement carefully.

Fiduciary Duty

AllianceBernstein Investor Services, Inc. ("ABIS"), is a transfer agent registered with the Securities and Exchange Commission. ABIS acts as transfer agent and registrar for the AB family of mutual funds. AllianceBernstein Trust Company ("ABTC"), the Custodian of your AB account (including Coverdell ESAs and Traditional, Roth, and SIMPLE IRAs), has engaged ABIS to provide a broad range of services to the various plan types including, but not limited to, enrollment, contribution and distribution processing, tax reporting, and account servicing and support. While ABIS and ABTC receive compensation for the services they provide as detailed in the respective plan documents, neither ABIS nor ABTC acts as a fiduciary to your plan account. ABIS and ABTC do not provide investment advice nor do they have any duties with respect to how the assets are to be invested.

Right to Revoke

An AllianceBernstein Roth IRA that is established on the date you receive this Disclosure Statement, or less than seven days thereafter, may be revoked at any time within seven days after the date the AllianceBernstein Roth IRA is established. An AllianceBernstein Roth IRA established seven days or more after the date of receipt of this Disclosure Statement may not be revoked. If you are entitled to revoke this Roth IRA, you may do so by mailing or delivering a notice of revocation to AllianceBernstein Investor Services, Inc. within the seven-day period of its establishment. The postmark date of first-class mail, properly addressed and mailed postage paid in the United States, is considered the mailing date (or, if sent by certified or registered mail, the date of certification or registration). A proper revocation is to be mailed or delivered to the following address:

AllianceBernstein Investor Services, Inc.
Retirement Plans Department
P.O. Box 786003
San Antonio, TX 78278-6003

Upon revocation in accordance with the foregoing procedures, the entire amount you contributed to the AllianceBernstein Roth IRA will be returned to you.

Roth IRA Requirements

A. Annual Contributions

All contributions to a Roth IRA (other than transfer or rollover contributions) must be in cash.

The total of your contributions to your Roth IRAs for a taxable year (excluding rollover, transfer or conversion contributions) cannot exceed the lesser of your Contribution Limit (described below) or 100% of your compensation for that year. Compensation includes wages, salaries, commissions, bonuses, tips, earnings from self-employment, alimony and separate maintenance payments but does not include income from interest, dividends, capital gains or amounts not includable in your gross income. The amount you are permitted to contribute to Roth IRAs for a year is reduced by contributions (other than rollover or transfer contributions) you make to Traditional IRAs for the year. If you reach age 50 or older during a year, your Contribution Limit includes an additional "catch-up" amount as described on this page in the table entitled "Contribution Limits."

Contribution Limits

| Year | Contribution Limit* | Additional "Catch-Up" Amount if 50 or Older |
|------|---------------------|---|
| 2022 | \$6,000 | \$1,000 |
| 2023 | \$6,500 | \$1,000 |

If your compensation for a year is less than the Contribution Limit (including the "catch-up" amount, if applicable), your contribution amount is limited to 100% of your compensation.

*The Contribution Limit may be adjusted by the IRS for inflation. If your compensation for a year is less than the Contribution Limit (including the "catch-up" amount, if applicable), your contribution amount is limited to 100% of your compensation.

Your Roth IRA contributions are also subject to income limitations. Married individuals who file a joint tax return and who have modified adjusted gross income ("MAGI") for 2023 that exceeds \$218,000 may not contribute to a Roth IRA for that year. The income limit for single taxpayers is \$153,000 for 2023. For a married individual who files a separate return, the income limit is \$10,000. The IRS can adjust these limits for inflation in increments of \$1,000. In general, MAGI for this purpose is your adjusted gross income shown on your federal income tax return, modified to include amounts that are deducted as contributions to a Traditional IRA and to exclude amounts you rolled over or converted from a Traditional IRA to a Roth IRA.

If you are married filing a joint return and your MAGI is between \$218,000 and \$228,000, your maximum Roth IRA contribution for 2023 is determined as follows: (1) subtract \$218,000 from your MAGI, (2) divide the difference by \$10,000, and (3) multiply the factor in step 2 by your Contribution Limit. Round the resulting number up to the next \$10 if it is not a multiple of \$10. If the result is greater than \$0 but less than \$200, your maximum contribution amount is \$200. For example, if you are not age 50 or older and your MAGI is \$222,000, your maximum Roth IRA contribution for 2023 is \$2,600, i.e., $[(\$222,000 \text{ minus } \$218,000) \text{ divided by } \$10,000] \text{ multiplied by your 2023 Contribution Limit of } \$6,500$.

If you are single and your MAGI is between \$138,000 and \$153,000, your maximum Roth IRA contribution for 2022 is determined as follows: (1) subtract \$138,000 from your MAGI, (2) divide the difference by \$15,000, and (3) multiply the factor in step 2 by your Contribution Limit. Round the resulting number up to the next \$10 if it is not a multiple of \$10. If the result is greater than \$0 but less than \$200, your maximum contribution amount is \$200. For example, if your MAGI is \$144,000, your maximum Roth IRA contribution for 2023 is \$2,600, i.e., $[(\$144,000 \text{ minus } \$138,000) \text{ divided by } \$15,000] \text{ multiplied by your 2023 Contribution Limit of } \$6,500$.

Your Roth IRA contributions are not limited by your participation in any retirement plan or account other than another IRA as discussed above. In addition, unlike Traditional IRAs, you may continue to contribute to your Roth IRA after you attain age 72 (70½ prior to 2020) so long as you have earned income and your MAGI is below the applicable thresholds discussed above.

B. Rollover Contributions—Direct Transfers

You may roll over amounts from another Roth IRA or a Traditional IRA to your AllianceBernstein Roth IRA if you meet the rollover requirements described below in the section titled "Roth IRA Income Tax Consequences." You may also directly transfer assets from another Roth IRA to the custodian of your AllianceBernstein Roth IRA. The custodian may, however, refuse to accept any contributions in a form other than cash.

C. Spousal IRA

Subject to the MAGI limits and the other requirements discussed above, your spouse may establish a Roth IRA and you or your spouse may contribute up to your spouse's Contribution Limit for a taxable year even though he or she has no compensation for the year (a "Spousal IRA"), provided you have compensation. To establish or contribute to a Spousal IRA, you and your spouse must file a joint tax return for the taxable year.

A Spousal IRA does not involve the creation of a joint account. The account of each spouse is separately owned and treated independently from the account of the other spouse. Once a Spousal IRA is established, the rules described in this Disclosure Statement applicable to a Roth IRA apply to the Spousal IRA.

D. Deadline for Making a Contribution

You may make a contribution to your Roth IRA for a year during that year or any time up to the due date of your federal income tax return for the year, not including extensions. For most individuals, this means that contributions for a year must be made by April 15 of the following year.

If you are a member of the armed forces who served in combat zone or provided qualifying services outside of a combat zone, you receive an automatic extension for making your IRA contribution. The extension is usually 180 days after one of the following:

- The last day you serve in combat zone or complete your qualifying service outside a combat zone
- The last day you serve in a contingency operation
- The last day of any continuous qualified hospitalization for injury from service in either of the above

E. Nonforfeitability

Your interest in each Roth IRA you maintain is nonforfeitable.

F. Eligible Custodian or Trustee

The custodian of a Roth IRA must be a bank (as defined in the IRC) or a person approved in accordance with applicable regulations.

G. Commingling Prohibited

Assets of a Roth IRA cannot be commingled with other property, other than in a common trust fund or a common investment fund.

H. No Life Insurance or Collectibles

Pursuant to the IRC, no assets of any Roth IRA may be invested in life insurance contracts or collectibles within the meaning of Section 408(m) of the IRC.

I. Distribution Directions

All distribution directions must be in a form and manner acceptable to AllianceBernstein Investor Services, Inc. You must indicate the federal income tax to be withheld on the amount distributed. A distribution can be delayed if this information is not provided.

J. Required Minimum Distributions

The IRC and IRS regulations require your beneficiaries after your death to take minimum distributions from your Roth IRA at certain times. The required minimum distribution rules are complex, and this general description does not cover all aspects of these rules. Your beneficiaries should consult their tax advisors for assistance.

- 1. No Distributions Required During Your Lifetime.** Unlike the requirement for Traditional IRAs, you are not required to take any distributions from your Roth IRA for the year in which you reach age 72 (70½ prior to 2020) and each year thereafter.
- 2. After Your Death.** Generally, if your death occurs prior to your required beginning date (age 72), your account must be distributed within 5 years of the date of death. If you have a named designated beneficiary, this period is extended to 10 years from the date of death, and applies without regard to whether required minimum distributions have commenced.

If you have elected to receive distributions over your life or the life expectancy of you and an "eligible" designated beneficiary, and distributions have commenced pursuant to this election prior to your date of death, the distributions may continue under your elected distribution schedule. In this circumstance, the rules governing the timing for mandatory distributions are not applicable to your eligible designated beneficiary.

Eligible designated beneficiaries include your spouse, your children prior to reaching the age of majority, designated beneficiaries that are disabled, certified as chronically ill under the tax code, or a designated beneficiary who is not more than 10 years younger than you. Once your child reaches the age of majority, the child is no longer an eligible designated beneficiary and distributions must be completed within 10 years following such date.

If you have named an eligible designated beneficiary and distributions have not yet commenced in accordance with this election, distributions must be completed pursuant to the earliest (i) of your existing distribution election schedule, and (ii) the 10 year anniversary of your death. Should your eligible designated beneficiary die before your interest is distributed, the remaining portion of your account must be distributed within 10 years after the death of your eligible designated beneficiary. However, if the designated beneficiary is your surviving spouse, distributions to your spouse may be postponed to as late as December 31 of the year you would have reached age 72 (70½ prior to 2020). If your spouse wishes, he or she can roll over amounts from your Roth IRA to a Roth IRA in his or her own name.

If you die on or after your required beginning date, how quickly the remaining balance in your Roth IRA must be distributed will depend upon your designated beneficiary.

If your designated beneficiary is your surviving spouse, your spouse can take distributions over his or her life expectancy or roll over amounts from your Roth IRA to a Roth IRA in his or her own name.

If your beneficiary is not your surviving spouse, but is an eligible designated beneficiary your Roth IRA must be distributed over the beneficiary's life expectancy (determined in the year following your death) and reduced by one for each year thereafter (or it can be distributed over the period described in the next sentence, if longer).

Any person your beneficiary designates that is an eligible designated beneficiary must receive the complete distribution within 10 years following the death of your designated beneficiary and within 5 years of your designated beneficiary's death in all other cases

K. Investment and Holding of Contributions

Contributions to your AllianceBernstein Roth IRA and the earnings thereon may be invested only in shares of investment companies for which AllianceBernstein L.P. acts as investment advisor. You (or your designee under the AllianceBernstein Roth IRA) are

to direct the actual investments from among these investment companies. After your death, your beneficiary has the right to direct the investments in the IRA, and after your beneficiary's death, the person your beneficiary has designated to receive any amounts remaining in the IRA at his or her death will have that right. The assets in your Roth IRA are held in a custodial account exclusively for your benefit and the benefit of such beneficiary(ies) as you may designate in writing to the custodian.

L. Recharacterization of Contributions

If you made a contribution to a Roth IRA, you can "recharacterize" it as a contribution to a Traditional IRA and vice versa. To recharacterize a contribution, you must arrange for a transfer of the contribution (adjusted for allocable earnings and losses) back to the other type of IRA. The recharacterization must be completed by the due date (including extensions) of your tax return for the year during which you made the original contribution.

Roth IRA Income Tax Consequences

A. No Deduction for Contributions to Roth IRAs

You cannot deduct contributions you make to Roth IRAs.

B. Earnings Are Tax-Deferred

Investment earnings of your Roth IRA are not subject to federal income tax as they accumulate in your Roth IRA.

C. Distributions

The taxation of a Roth IRA distribution depends on whether the distribution is a qualified distribution or a nonqualified distribution.

- 1. Qualified Distributions.** Qualified distributions (of both contributions and earnings) are not includable in your gross income. A qualified distribution is one that is made after the "five-year holding period" (described below) that is:

- (a) made on or after the date you attain age 59½;
- (b) made because of your disability;
- (c) made to your beneficiary after your death; or
- (d) made to pay your "qualified first-time homebuyer expenses" (up to an aggregate maximum of \$10,000).

The five-year holding period is the five-year period that begins with the first taxable year for which you make any contribution to a Roth IRA (including a conversion from a Traditional IRA). For example, if you first contributed to a Roth IRA for 1999, your five-year holding period would have been completed at the end of 2003.

- 2. Nonqualified Distributions.** If the distribution is not a qualified distribution, any earnings that are deemed to be distributed are includable in your gross income. An additional 10% early distribution penalty will apply to earnings distributed before you attain age 59½ unless you meet one of the exceptions to the 10% penalty. However, special ordering rules provide that the first monies deemed to be distributed from your Roth IRAs are your regular (annual) contributions, followed by your conversion contributions (on a first-in-first-out basis). Those contributions are distributed tax-free. Nonqualified distributions in excess of your contributions are deemed to be a distribution of earnings. Capital gains treatment and averaging treatment do not apply to any taxable portion of nonqualified Roth IRA distributions. The taxation of nonqualified distributions is quite complex. We suggest you consult your tax advisor if you are considering or have taken a nonqualified distribution.

D. Rollovers, Direct Transfers and Conversions

Generally, a rollover is a tax-free distribution to you of cash or other assets from one retirement plan that you contribute to another. A direct transfer is a tax-free movement of cash or other assets from one IRA trustee or custodian to another, with no distribution to you. A conversion is a rollover from a Traditional IRA or a SIMPLE IRA to a Roth IRA. There is no limit on the amount that can be rolled over, transferred or converted, but the investment provider or custodian may impose fees or other charges in connection with the transaction. The rules, which are summarized below, are rather complex. If you are contemplating a rollover or conversion, you should consult your tax advisor.

- 1. Roth IRA to Roth IRA Rollovers and Direct Transfers.** You may roll over the amount you withdraw from your Roth IRA tax-free to another Roth IRA you own, provided you make the rollover contribution to the new Roth IRA by the 60th day after the day you receive the distribution. You can receive a distribution from an IRA and roll it over once in any one-year period, regardless of the number or types (Traditional, Roth, SEP, SIMPLE) of IRAs you own. This one-year waiting period begins on the date you receive the distribution. You can also authorize your Roth IRA trustee or custodian to directly transfer your assets to another Roth IRA. The 60-day rule and the one-year waiting period do not apply to direct transfers.
- 2. Traditional IRA to Roth IRA Conversions.** You can roll over (or convert) all or any portion of your existing Traditional IRA into a Roth IRA. The amount you convert from a Traditional IRA to a Roth IRA is treated as a distribution for income tax

purposes and is includable in your gross income (except for the amount of any nondeductible contributions) but it is not subject to the 10% early distribution penalty.

3. **Written Election.** At the time you make a qualifying rollover to an IRA, you must designate to the IRA custodian or trustee, in writing, your irrevocable election to treat that contribution as a rollover contribution.
4. **Rollovers from Employer Plans.** Prior to 2008, you may not roll over distributions from your employer's retirement plan into a Roth IRA. However, beginning in 2008, you may roll over an "eligible rollover distribution" from your employer's qualified retirement plan, a 403(b) plan or a governmental deferred compensation plan (section 457 plan) into a Roth IRA, subject to the same rules that apply to Traditional IRA to Roth IRA conversions described above. For the definition of an eligible rollover distribution, please see the AllianceBernstein Traditional IRA Disclosure Statement.

E. "Saver's" Tax Credits

Certain taxpayers may be eligible for a tax credit—called the "Saver's Credit"—for making contributions to IRAs or other retirement plans. The amount of the credit is based on the amount contributed and the taxpayer's adjusted gross income (AGI). The Saver's Credit is not available to joint filers whose AGI is greater than \$73,000, single or separate filers whose AGI is greater than \$36,500, and individuals whose filing status is "head of household" with AGI greater than \$54,750 for 2023. The IRS may adjust these limits for inflation in future years. The rules are complicated, so consult your tax advisor or see IRS Publication 590 for more information about the Saver's Credit.

Federal Tax Penalties

A. Early Distribution Penalty

Although you can withdraw your money from a Roth IRA at any time, a Roth IRA is intended to provide income for your retirement. Accordingly, the law generally imposes a penalty on premature distributions. If you receive a nonqualified distribution from your Roth IRA before reaching age 59½, other than a qualifying rollover distribution or the timely distribution of certain excess contributions, the earnings distributed will be taxed as ordinary income and will also be subject to an additional 10% penalty tax. The 10% penalty tax will also apply on distributions you receive before age 59½ that are attributable to conversion contributions you withdraw within the five-year period that begins with the year you made the conversion.

The 10% additional tax does not apply when distributions are made before age 59½ in the following situations:

- (a) you become totally and permanently disabled or die;
- (b) the purpose of the distribution is to pay for qualified higher education expenses;
- (c) the purpose of the distribution is to pay for qualified first-time homebuyer expenses (there is a \$10,000 limit on the amount you can withdraw penalty-free under this exception);
- (d) the purpose of distribution is to pay for certain medical expenses in excess of 10% of your adjusted gross income;
- (e) the purpose of distribution is to pay the amount of certain health insurance premiums that are paid during the taxable year if you were unemployed for 12 consecutive weeks (several other conditions apply to this exception);
- (f) the distributions are made in a series of substantially equal periodic payments over your life (or life expectancy) or the joint lives (or life expectancies) of you and your designated beneficiary;
- (g) the distribution is due to an IRS levy of the IRA;
- (h) the distribution is a qualified reservist distribution; or
- (i) the distribution (of up to \$100,000) is due to a presidentially declared disaster; or
- (j) the distribution is for qualified birth or adoption expenses of up to \$5,000

B. Excess Contributions

Contributions to a Roth IRA above the permissible limits are subject to a 6% excise tax for each year that the excess is not withdrawn or eliminated. This excise tax is your personal liability and is not deductible.

You may correct an excess contribution that you made for a tax year without paying the 6% excise tax. To do so, you must withdraw the excess, along with the earnings attributable to the excess, by your tax return due date for the year, including extensions.

Generally, if you withdraw an excess after the due date (including extensions) for filing your tax return for the year for which you made the contribution, the excess contribution will be subject to the annual 6% excise tax, and the earnings on the excess may be includable in income. In addition, if you have not attained the age of 59½, the earnings may also be subject to the 10% penalty tax on premature distributions, unless you meet one of the exceptions to the 10% penalty.

You may also eliminate an excess contribution by carrying it forward and applying it as a contribution for a subsequent taxable year. To use this method of correction, you must be eligible to make a contribution in that subsequent year.

C. Excess Accumulation Penalty—Required Minimum Distributions

After your death, if a beneficiary of your Roth IRA fails to take a distribution as required, a 50% excise tax may be imposed. This 50% penalty will apply to the amount of the distribution that was not taken as required. The IRS may waive this penalty if the deficiency was due to reasonable error and reasonable steps are being taken to correct the deficiency.

D. Penalty Reporting

You must generally file IRS Form 5329 with the IRS if you owe any of the penalties or excise taxes described above. See the instructions for Form 5329 for additional information.

Limitations and Restrictions

A. Federal Estate and Gift Taxes

The balance in a Roth IRA is includable in your gross estate for federal estate tax purposes. If you select your spouse as the beneficiary, however, the unlimited estate tax marital deduction may result in the Roth IRA balance not being subject to regular estate tax. An election under a Roth IRA to have a distribution payable to a beneficiary on your death is not treated as a gift subject to federal gift tax.

B. Prohibited Transactions

If during any taxable year you engage in a so-called "prohibited transaction" with respect to your Roth IRA, the account will lose its tax-exempt status. In that event, the fair market value of all assets in the Roth IRA, valued as the first day of such taxable year, will be deemed distributed to you and will be subject to the taxation rules described above. These prohibited transactions would include borrowing any amount from your Roth IRA.

If you pledge your Roth IRA or any portion thereof as security for a loan, such pledged portion will be deemed distributed to you and will be subject to the taxation rules described above. Moreover, if you have not attained age 59½, and do not meet one of the exceptions, the additional 10% excise tax on premature distributions discussed above may apply.

Financial Information

The growth in value of investment company shares held in your AllianceBernstein Roth IRA can be neither guaranteed nor projected.

Charging of Fees and Expenses

The custodian's fees and any administrative expenses may, in the discretion of the custodian, be charged against and paid from the assets of the custodial account (as may, under certain circumstances, the compensation of a person you designate to direct the investment of your AllianceBernstein Roth IRA).

Annual Maintenance

A \$25 annual maintenance fee is currently charged for each AllianceBernstein Roth IRA with an account balance of \$25,000 or less. A portion of the fee is remitted to AllianceBernstein Investor Services, Inc. as compensation for its services. The applicable fees may be modified from time to time.

Miscellaneous

The substantive provisions of your Roth Individual Retirement Custodial Account Agreement have been approved by the Internal Revenue Service as to form, but this approval is a determination only as to form and does not represent a determination of the merits of your Roth IRA. Further information concerning IRAs can be obtained from any district office of the Internal Revenue Service. Additional information about IRAs is contained in IRS Publication 590 titled "Individual Retirement Arrangements (IRAs)."

AllianceBernstein Roth Individual Retirement Account Custodial Agreement

Roth Individual Retirement Custodial Account Under Section 408A of the Internal Revenue Code Department of the Treasury—Internal Revenue Service Form 5305-RA (Rev. April 2017)

The Depositor whose name appears on the Application is establishing a Roth Individual Retirement Account (Roth IRA) under section 408A to provide for his or her retirement and for the support of his or her beneficiaries after death.

The Custodian named above has given the Depositor the disclosure statement required by Regulations section 1.408-6.

The Depositor assigned the custodial account the sum indicated on the Application.

The Depositor and the Custodian make the following agreement:

Article I

Except in the case of a rollover contribution described in section 408A(e), a recharacterized contribution described in section 408A(d)(6), or an IRA Conversion Contribution, the Custodian will accept only cash contributions up to \$3,000 per year for tax years 2002 through 2004. That contribution limit is increased to \$4,000 for tax years 2005 through 2007 and \$5,000 for 2008 and thereafter. For individuals who have reached the age of 50 before the close of the tax year, the contribution limit is increased to \$3,500 for tax years 2002 through 2004, \$4,500 for 2005, \$5,000 for 2006 and 2007, and \$6,000 for 2008 and thereafter. For tax years after 2008, the above limits will be increased to reflect a cost-of-living adjustment, if any.

Article II

1. The annual contribution limit described in Article I is gradually reduced to \$0 for higher income levels. For a single Depositor, the annual contribution is phased out between adjusted gross income (AGI) of \$138,000 and \$153,000; for a married Depositor filing jointly, between AGI of \$218,000 and \$228,000; and for a married Depositor filing separately, between AGI of \$0 and \$10,000. In the case of a conversion, the Custodian will not accept IRA Conversion Contributions in a tax year if the Depositor's AGI for the tax year the funds were distributed from the other IRA exceeds \$100,000 or if the Depositor is married and files a separate return. Adjusted gross income is defined in section 408A(c)(3) and does not include IRA Conversion Contributions. [Note: The IRS began adjusting these limits for inflation in 2007.]
2. In the case of a joint return, the AGI limits in the preceding paragraph apply to the combined AGI of the Depositor and his or her spouse.

Article III

The Depositor's interest in the balance in the custodial account is nonforfeitable.

Article IV

1. No part of the custodial account funds may be invested in life insurance contracts, nor may the assets of the custodial account be commingled with other property except in a common trust fund or common investment fund (within the meaning of section 408(a)(5)).
2. No part of the custodial account funds may be invested in collectibles (within the meaning of section 408(m)) except as otherwise permitted by section 408(m)(3), which provides an exception for certain gold, silver, and platinum coins, coins issued under the laws of any state, and certain bullion.

Article V

1. If the Depositor dies before his or her entire interest is distributed to him or her and the Depositor's surviving spouse is not the designated beneficiary, the remaining interest will be distributed in accordance with (a) below or, if elected or there is no designated beneficiary, in accordance with (b) below:
 - (a) The remaining interest will be distributed, starting by the end of the calendar year following the year of the Depositor's death, over the designated beneficiary's remaining life expectancy as determined in the year following the death of the Depositor.
 - (b) The remaining interest will be distributed by the end of the calendar year containing the fifth anniversary of the Depositor's death.
2. The minimum amount that must be distributed each year under paragraph 1(a) above is the account value at the close of business on December 31 of the preceding year divided by the life expectancy (in the single life table in Regulations section 1.401(a)

(9)-9) of the designated beneficiary using the attained age of the beneficiary in the year following the year of the Depositor's death and subtracting 1 from the divisor for each subsequent year.

3. If the Depositor's surviving spouse is the designated beneficiary, such spouse will then be treated as the Depositor.

Article VI

1. The Depositor agrees to provide the Custodian with all information necessary to prepare any reports required by sections 408(i) and 408A(d)(3)(E), Regulations Sections 1.408-5 and 1.408-6, or other guidance published by the Internal Revenue Service (IRS).
2. The Custodian agrees to submit to the IRS and Depositor the reports prescribed by the IRS.

Article VII

Notwithstanding any other articles which may be added or incorporated, the provisions of Articles I through IV and this sentence will be controlling. Any additional articles inconsistent with section 408A, the related regulations, and other published guidance will be invalid.

Article VIII

This agreement will be amended as necessary to comply with the provisions of the Code, the related regulations, and other published guidance. Other amendments may be made with the consent of the persons whose signatures appear on the Application.

Article IX

1. **Investments**

The Depositor has exclusive responsibility for and control over the investment of the custodial account, provided that the account may be invested only in shares of investment companies for which AllianceBernstein L.P. acts as investment advisor. Investments are to be directed in a manner acceptable to AllianceBernstein Investor Services, Inc. ("Services") either by the Depositor or a person appointed by the Depositor in accordance with Section 2. In the absence of applicable investment instructions, the Depositor hereby instructs that the account, or portion thereof for which there are no such instructions, be (i) held uninvested or (ii) returned to the Depositor. The Custodian reserves the right to refuse to accept any contribution to the account in a form other than cash. If an investment company held in the custodial account is liquidated as provided by law and the Depositor fails to give instructions to Services regarding an alternative investment prior to such liquidation, the Depositor hereby instructs that the liquidation proceeds be invested in shares of the AllianceBernstein Exchange Reserves (a money market fund), or any successor thereto. This Agreement is subject to the provisions of the prospectuses of each investment held in the custodial account to the extent applicable including, but not limited to, provisions that permit any fund to close an account that has a balance below the level specified in such prospectus (a "small balance fund account"). If a fund closes a small balance fund account, the Custodian may distribute the proceeds from the liquidation of such account to the Depositor.
2. **Investment Advisors**

Services may permit the Depositor to delegate investment responsibility for assets of the custodial account to a third person. Services and the Custodian shall follow the directions of such a person only if Services receives written notice in a form satisfactory to it of the delegation specifically setting forth such person's authority. Services may withdraw its permission for the appointment of any such person at any time for any reason.
3. **Materials, Voting**

The Custodian or Services shall forward to the Depositor all papers it receives relating to any investment in the custodial account. The Custodian shall vote any investment in accordance with the written instructions of the Depositor or a person duly appointed by the Depositor. Absent such instructions, the Custodian, Services or one of its affiliates shall vote any shares of an investment company for which AllianceBernstein L.P. acts as investment advisor (for, against or abstain) in the same proportion as all shares of that investment company for which timely voting instructions have been received.
4. **Distributions**

The Custodian shall only make distributions from the custodial account, including any distributions that may be required under federal tax laws or regulations, on the directions of the Depositor, or after the Depositor's death his or her beneficiary(ies), and only in such form, manner and amounts as are specified in such directions, provided

they are acceptable in form to Services. Services may permit certain distribution requests in amounts not in excess of \$100,000 per day to be made by telephone or via the Internet. Neither the Custodian nor Services shall be responsible for the purpose or propriety of any distribution from the custodial account. The Custodian shall have no right, except if properly directed, to liquidate assets in the custodial account to make any distribution.

5. **Beneficiaries**

If the Depositor dies before receiving the entire balance in the custodial account, the Depositor's beneficiaries are to receive payment of all amounts in the custodial account. By written notice to Services in a form satisfactory to it, the Depositor may designate or change the beneficiary(ies) to receive the designated portion of the custodial account. In the absence of a designated beneficiary who survives the Depositor, the Depositor's surviving spouse, if any, shall be the beneficiary, and if none, the Depositor's surviving children in equal shares, and, if none, the Depositor's estate. After the Depositor's death, a beneficiary of the Depositor shall have the right to (i) direct the investment of the portion of the custodial account of which the beneficiary is such as if the beneficiary was the Depositor and shall be considered the Depositor with respect to other investment matters involving that portion of the account and (ii) designate one or more persons to receive distribution of any amount remaining in the beneficiary's portion of the custodial account at the beneficiary's death and direct the investment of the custodial account. Any person designated by the beneficiary (or, if none are designated, the beneficiary's estate) must receive distributions from the custodial account in accordance with Article V at least as rapidly as the beneficiary would have been required to receive them had he or she not died. Such designation must be in writing on a form satisfactory to Services.

6. **Fees and Expenses**

The Custodian has the right to charge an annual fee and other designated fees (e.g., for transfers or distributions) for its services and to be reimbursed for its expenses. All expenses incurred by the Custodian or Services in the performance of their duties hereunder, including fees for legal services rendered to them, and the Custodian's compensation not paid directly by the Depositor or a beneficiary, may, in the discretion of the Custodian or Services, be charged against and paid from the custodial account. The compensation of any person the Depositor appoints in accordance with Section 2 of this Article and any other direct investment-related expenses of the custodial account shall, if the Depositor so directs by written notice to the Custodian in form satisfactory to the Custodian, or pursuant to a written agreement between Services and such appointee at the written direction of the appointee, be charged against and paid from the assets of the custodial account. Notwithstanding any provision of this Agreement to the contrary, the Custodian may liquidate sufficient permissible investments from the custodial account to pay any such expenses, including compensation.

7. **Removal of Custodian**

Services may remove the Custodian effective after at least thirty days prior to written notice to the Custodian which shall designate a successor trustee or custodian. Upon receipt by the Custodian and Services of written acceptance of such appointment by the successor, the removal of the Custodian shall be effective, and the Custodian shall, within thirty days of the effective date of the successor's appointment, transfer and deliver to the successor all assets of the custodial account and all records pertaining thereto, provided that the Custodian may reserve such assets as it may deem advisable for the payment of its compensation and expenses and for the payment of all liabilities which are a charge on or against the custodial account or the Custodian. Any balance of such reserve remaining after the payment of all such items shall be paid over to the successor.

8. **Resignation of Custodian**

The Custodian may resign at any time effective after at least thirty days prior to written notice to the Depositor and Services. After receiving such notice, Services may appoint a successor trustee or custodian. Upon receipt by the Custodian of the successor's written acceptance of its appointment, the Custodian shall act in the manner provided for in Section 7 of this Article as regards the transfer of assets to the successor and may reserve assets as permitted therein. If before the Custodian's resignation becomes effective, either the Depositor, or the Depositor's beneficiary if the Depositor is deceased, has not directed the transfer of the custodial account to another custodian or to a trustee, or Services does not appoint a successor under this Agreement which has accepted its appointment, the Custodian may terminate the custodial account by distributing all assets of the account in cash or in kind to the Depositor or beneficiary, as applicable, subject to the Custodian's right to reserve funds as referred to in Section 7 of this Article. Neither the Custodian nor Services shall be liable for any tax that results from any distribution pursuant to this Section 8.

9. **Transfers**

The Custodian, upon written direction of the Depositor and after submission to the Custodian or Services of such documents as either of them may require, shall, subject to the Custodian's right to reserve assets as referred to in Section 7 of this Article, transfer the assets in the custodial account to the trustee or custodian of a successor individual retirement account or individual retirement annuity issued by an insurance company for the Depositor's benefit. The Depositor may arrange for the transfer of assets held in another individual retirement account or individual retirement annuity to the Custodian to be held in this custodial account, provided the Depositor submits to the Custodian or Services such documents as either of them may require.

10. **Successors**

This Agreement shall apply to any successor custodian as if the successor was the initial custodian. The Custodian and Services shall not be liable for any actions or failures to act on the part of any successor custodian or trustee. If the Custodian is merged with another organization, or if the business of the Custodian of which its services under this Agreement is a part is acquired by another organization, that other organization shall automatically be the Custodian if such organization satisfies the applicable requirements of the Code.

11. **Amendments**

Notwithstanding any provision of this Agreement to the contrary, the Depositor delegates to Services authority to amend this Agreement (including retroactive amendments) by written notice to the Depositor, provided that no amendment shall cause or permit any part of the custodial account to be diverted to purposes other than for the exclusive benefit of the Depositor or the Depositor's beneficiary(ies), and no amendment shall be made which would disqualify this Agreement from complying with any applicable provision of the Code.

12. **Reliance and Responsibilities**

The Custodian and Services may conclusively rely upon as proper and accurate, and are to have no liability in acting upon, or omitting to take any action based upon, any direction, election, instruction, request or information concerning the custodial account which the Custodian or Services may request such proof of authority or other documentation as it deems necessary or appropriate. Neither the Custodian nor Services shall be responsible for any losses, taxes, penalties, costs, expenses or other liabilities of the Depositor or any other person that result from any action or failure to act of the Depositor or any other person. The Depositor and the Depositor's successors and assigns, including each beneficiary, as applicable, shall reimburse the Custodian and Services for any such amount the Depositor or Services may incur in connection with any such action or failure and shall indemnify the Custodian and Services, and each of their affiliates, successors and assigns, against and hold them harmless from, all claims against, and liabilities of, the Custodian or Services with respect to the custodial account (including all attorneys' fees and other expenses incurred in defending against any such claims or liabilities) except those arising from the Custodian's or Service's own bad faith, gross negligence or willful misconduct. Neither the Custodian nor Services has any duty to determine whether contributions or distributions comply with this Agreement or the Code, to take any action other than as specified in this Agreement or the Code, or to defend or engage in any suit with respect to this Agreement or the custodial account.

13. **Restrictions**

No interest in the custodial account shall be sold, transferred, pledged or subject to levy of any kind, except as required by law.

14. **Agents**

Either the Custodian or Services may hire agents to perform duties hereunder.

15. **Notices, Addresses**

Any notice to be given to the Custodian or Services shall be considered given if received by the Custodian or Services at AllianceBernstein Investor Services, Inc., Retirement Plans Department, P.O. Box 786003, San Antonio, TX 78278-6003 or such other address as the Custodian or Services, as applicable, shall provide to the Depositor, or the Depositor's beneficiary, as applicable. Any notice to be given to the Depositor or a beneficiary shall be considered given when mailed to the Depositor's or beneficiary's last address provided to the Custodian or Services.

16. **Applicable Law**

This Agreement is governed by the applicable provisions of the Code and the laws of the State of North Dakota. If any part of this Agreement is held to be illegal or invalid, the rest of the Agreement shall not be affected. Any failure by anyone to enforce any provision of this Agreement shall not waive that provision.

(The following information is from IRS Form 5305-RA. Section references are to the Internal Revenue Code unless otherwise noted.)

General Instructions

Purpose of Form

Form 5305-RA is a model custodial account agreement that meets the requirements of section 408A and has been pre-approved by the IRS. A Roth individual retirement account (Roth IRA) is established after the form is fully executed by both the individual (Depositor) and the Custodian. This account must be created in the United States for the exclusive benefit of the Depositor and his or her beneficiaries.

Do not file Form 5305-RA with the IRS. Instead, keep it with your records.

Unlike contributions to Traditional individual retirement arrangements, contributions to a Roth IRA are not deductible from the Depositor's gross income; and distributions after 5 years that are made when the Depositor is 59½ years of age or older or on account of death, disability, or the purchase of a home by a first-time homebuyer (limited to \$10,000), are not includable in gross income. For more information on Roth IRAs, including the required disclosures the Custodian must give the Depositor, see Pub. 590, Individual Retirement Arrangements (IRAs).

Definitions

IRA Conversion Contributions

IRA Conversion Contributions are amounts rolled over, transferred, or considered transferred from a nonRoth IRA to a Roth IRA. A nonRoth IRA is an individual retirement account or annuity described in section 408(a) or 408(b), other than a Roth IRA.

Custodian

The Custodian must be a bank or savings and loan association, as defined in section 408(n), or any person who has the approval of the IRS to act as custodian.

Depositor

The Depositor is the person who establishes the custodial account.

Specific Instructions

Article I

The Depositor may be subject to a 6% tax on excess contributions if (1) Contributions to other individual retirement arrangements of the Depositor have been made for the same tax year, (2) The Depositor's adjusted gross income exceeds the applicable limits in Article II for the tax year, or (3) The Depositor's and spouse's compensation is less than the amount contributed by or on behalf of them for the tax year. The Depositor should see the disclosure statement or Pub. 590 for more information.

Article V

This article describes how distributions will be made from the Roth IRA after the Depositor's death. Elections made pursuant to this article should be reviewed periodically to ensure they correspond to the Depositor's intent. Under paragraph 3 of Article V, the Depositor's spouse is treated as the owner of the Roth IRA upon the death of the Depositor, rather than as the beneficiary. If the spouse is to be treated as the beneficiary, and not the owner, an overriding provision should be added to Article IX.

Article IX

Article IX and any that follow it may incorporate additional provisions that are agreed to by the Depositor and Custodian to complete the agreement. They may include, for example, definitions, investment powers, voting rights, exculpatory provisions, amendment and termination, removal of the Custodian, Custodian's fees, state law requirements, beginning date of distributions, accepting only cash, treatment of excess contributions, prohibited transactions with the Depositor, etc. Attach additional pages if necessary.

A Message from AllianceBernstein Trust Company, the Custodian of Your Account

We may collect nonpublic personal information about our customers from the following sources:

- Information we receive from you on applications or other forms, such as name, address, age, Social Security number and name of beneficiary; and
- Information about your transactions with us, our affiliates, and others, such as the purchase and sale of securities and account balances.

We do not disclose nonpublic personal information about our present or former customers to third parties except as permitted by law.

We restrict access to nonpublic personal information about our customers to employees and service providers involved in administering and servicing accounts. We maintain physical, electronic and procedural safeguards that comply with federal standards to guard the nonpublic personal information of our customers.

A Word About Privacy

AllianceBernstein and its affiliates (collectively "AllianceBernstein") understand the importance of maintaining the confidentiality of our clients' nonpublic personal information. It is our policy:

- Not to disclose nonpublic personal information about our clients, or former clients (collectively "clients"), except to our affiliates, or to others as permitted or required by law.
- Not to sell our clients' nonpublic information.
- Not to share our clients' personal information among our affiliated group of investment, brokerage, service and insurance companies for the purpose of marketing their products or services to clients, except as permitted by law.

Your signature below is your acknowledgment and acceptance of these Privacy Practices.

More information about our Privacy Practices can be found at alliancebernstein.com/privacy.

Notice to Residents of California: If you are a California resident, California law may provide you with additional rights regarding our use of your personal information. To learn more about your California privacy rights, please visit: alliancebernstein.com/CCPA.

A Word About Risk

While the Funds invest principally in equity or fixed-income securities, in order to achieve their investment objectives, the Funds may at times use certain types of investment derivatives, such as options, futures, forwards and swaps. These involve risks different from, and, in certain cases, greater than the risks presented by more traditional investments. As each Fund pursues unique investment strategies, the risks associated with investments in each Fund differ. These risks are fully discussed in the prospectuses.

Investors should consider the investment objectives, risks, charges and expenses of the Fund/Portfolio carefully before investing. For copies of our prospectus or summary prospectus, which contain this and other information, visit us online at ABfunds.com or contact your AllianceBernstein Investments representative. Please read the prospectus and/or summary prospectus carefully before investing.

AllianceBernstein Investments, Inc. (ABI) is the distributor of the AllianceBernstein family of mutual funds. ABI is a member of FINRA and is an affiliate of AllianceBernstein L.P., the manager of the funds.

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