



Giving Fund Shares to Organizations Form

To gift Vanguard mutual fund shares to an organization

Thank you for your interest in gifting Vanguard fund shares—an excellent way to help a favorite organization now while potentially easing the impact of estate taxes for you in the future.

How to give your shares

You and the authorized representative(s) of the recipient organization must complete this form. Before you begin, you should know that:

- The minimum amount you can give is \$1,000.
- The shares you're giving must come from a Vanguard nonretirement account. (If you wish to give from a Vanguard retirement account, complete our IRA Distribution Form instead of this form.)
- If your shares are held at another financial institution, you'll have to arrange the transfer through that institution.
- If your shares are held by a trust or corporation, or if you're the agent for the account owner, you may need to provide additional documentation. Call us at 800-662-2739.

Follow these steps to complete this form:

1. As the giver of the fund shares, you complete only Section 1.
2. Send the form, along with the enclosed Organization Resolution and postage-paid envelope, to your recipient.
3. Ask your recipient to complete Section 2—as well as our Account Registration Form and our Organization Resolution, if necessary—and to mail the forms (plus any other required documentation) to us using the postage-paid envelope provided.

If your recipient doesn't already own shares of the fund you're giving, your gift must meet the fund's minimum initial investment. You can find fund minimums at vanguard.com/us/funds.

Once your shares have been transferred to the organization's account, they may be exchanged for shares of another Vanguard fund or sold.

Processing your request

We'll process your request as soon as we receive the completed form and any other required documentation in good order. If both you and your recipient haven't fully completed the form, processing will be delayed and the timing of your gift may be affected. You and your recipient will receive a written confirmation after we complete the transfer.

Tax considerations

If you're planning your gift for a particular year, make sure we receive your completed form by the last business day of that year.

Be aware that Vanguard doesn't provide tax or legal advice. Since giving fund shares may have gift, estate, and income tax consequences, you should consult your tax advisor or estate planning attorney.

Mailing information

Make a copy of your completed form for your records.

Mail your completed form and any attached documentation in the enclosed postage-paid envelope.

If you don't have
a postage-paid
envelope, mail to: > Vanguard
P.O. Box 1110
Valley Forge, PA 19482-1110

For overnight
delivery, mail to: > Vanguard
455 Devon Park Drive
Wayne, PA 19087-1815

Reminder

The authorized representative(s) of the recipient organization must attach a completed Organization Resolution (if we don't already have one on file) and a completed Account Registration Form (if the shares are being gifted to a new Vanguard account).



Giving Fund Shares to Organizations Form

Use this form to gift Vanguard mutual fund shares held in a nonretirement account to an organization. You must complete a separate form for each account from which you're gifting shares and for each recipient organization.

Don't use this form if you're gifting shares to a family or personal trust account.

Print in capital letters and use black ink.

Questions?
Call 800-662-2739.
 If you need other forms, go to vanguard.com/serviceforms.

1. Account information

After you complete this section, the authorized representative(s) of the recipient organization must complete Section 2, as well as the enclosed Account Registration Form and Organization Resolution, if necessary.

Provide the full, legal name. >

Name of account owner *first, middle initial, last*

Name of joint account owner *first, middle initial, last*

Fund shares you want to gift

We'll apply the following cost basis methods to the transfer:

- For covered shares (those acquired on or after January 1, 2012). The preferred method designated on the fund or account. If no preferred method was designated, we'll apply average cost (our default method).
- For noncovered shares (those acquired before January 1, 2012). Average cost only.

Note: We can only provide average cost information to you for noncovered shares. That's because we won't know which cost basis method the current owner might have used to report gains or losses to the IRS in the past or which tax lots remain in the account if the current owner sold some of the shares before 2012. Even if you indicate an acquisition date for any noncovered holdings below, we can only transfer the basis using the average cost method.

All funds must be held in the same account. >

Account number

Check one.

Total amount. Give all assets in this account.

If you check this box, you must provide your transfer instructions in Table 1 and/or Table 2. >

Partial amount. Transfer ownership of the following assets only.
 List the funds you want to transfer in the appropriate table(s) on the next page. **Note:** If the amount you indicate for a fund is more than the available balance for that fund, we'll transfer the entire balance of that fund.

Table 1. Funds you want to gift using the average cost (default) method or the first in, first out method (if designated as the preferred method on the fund or account).

If you need more space to list additional funds, either photocopy this section or attach additional sheets as necessary. Each sheet must be signed and dated and include the account number.

Fund number	Account number	Dollar amount <i>or</i> Number of shares <i>or</i> Percentage
		\$ %
Fund number	Account number	Dollar amount <i>or</i> Number of shares <i>or</i> Percentage
		\$ %
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		\$ %
Fund number	Account number	Dollar amount <i>or</i> Number of shares <i>or</i> Percentage
		\$ %
Fund number	Account number	Dollar amount <i>or</i> Number of shares <i>or</i> Percentage
		\$ %

Table 2. Funds you want to gift using the specific identification method.

You can use this method to report sales of both covered and noncovered shares to the IRS. However, for noncovered shares, Vanguard can only provide average cost information. **Note:** The specific identification method doesn't need to be designated as the preferred method on the fund or account in order to request it here.

If you need more space to list additional funds, either photocopy this section or attach additional sheets as necessary. Each sheet must be signed and dated and include the account number.

Fund number	Account number	Number of shares	Date shares acquired <i>mm/dd/yyyy</i>
Fund number	Account number	Number of shares	Date shares acquired <i>mm/dd/yyyy</i>
Fund number	Account number	Number of shares	Date shares acquired <i>mm/dd/yyyy</i>
Fund number	Account number	Number of shares	Date shares acquired <i>mm/dd/yyyy</i>
Fund number	Account number	Number of shares	Date shares acquired <i>mm/dd/yyyy</i>

Gift recipient

Name of organization

Cost basis information for gifted shares

Vanguard is required to calculate the cost basis of the transferred securities according to the reporting rules for gifted shares. We'll deem this transfer as a gift unless one of the following is true. **Note:** Vanguard won't adjust the basis of securities for gift tax paid, if any.

Check all that apply.

<input type="checkbox"/> The transferring account and receiving account have an owner in common.
<input type="checkbox"/> Transfers from my account to this recipient are ineligible for gift-related basis adjustments.*

*For federal tax purposes.

The account owner(s) must sign on page 3.

Signature(s) of account owner(s)

I/We agree to transfer ownership of my/our Vanguard fund shares as instructed on this form.

Sign exactly as your name is registered on the Vanguard account. >

Signature of account owner X	Date <i>mm/dd/yyyy</i>
Print name	

Sign exactly as your name is registered on the Vanguard account. >

Signature of joint owner X	Date <i>mm/dd/yyyy</i>
Print name	

If additional signatures are required, photocopy this page and mail the copy with this form.

2. Recipient organization information

This section must be completed and signed by the authorized representative(s) of the organization receiving the shares.

Name of organization	
Street	
City, state, zip	Country <i>if not U.S.</i>
Daytime phone <i>area code, number, extension</i>	
Employer or other taxpayer ID number	

Return ALL pages of this form, even if some sections are left blank.

Organization Resolution

The organization must have an Organization Resolution on file with us that names the persons authorized to conduct transactions on its behalf.

You must check a box. >

<input type="checkbox"/> The organization has an Organization Resolution on file at Vanguard.
<input type="checkbox"/> The organization is submitting an Organization Resolution with this form.

Account to receive the gifted shares

Shares can only be transferred between accounts in the same Vanguard fund. Once the transfer is complete, the shares may then be exchanged or sold. See **Exchange or sell the shares** below.

Check one.

<input type="checkbox"/> Existing nonretirement Vanguard mutual fund account. Transfer assets to the account indicated below.
Account number

<input type="checkbox"/> New nonretirement Vanguard mutual fund account. Transfer assets to a new account. Important: The organization must complete our Account Registration Form and an Organization Resolution and submit both along with this form.
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Exchange or sell the shares *optional*

Check one of the following options only if your organization doesn't want the gifted assets to remain invested in the same funds as they were when transferred.

<input type="checkbox"/> Exchange the shares for shares of another Vanguard fund.	
Fund number	Fund name

<input type="checkbox"/> Sell the shares and mail a check to the address the organization has on file at Vanguard.
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The authorized representative(s) of the recipient organization must sign on page 5.

Signature(s) of recipient organization representative(s)

The authorized representative(s) must sign below. The signer(s) must be listed on the Organization Resolution as authorized to act on behalf of the organization.

By signing below, the authorized representative(s) acknowledges that the recipient organization:

- Has full authority and legal capacity to accept Vanguard fund shares.
- Has received a prospectus of each fund in which the organization is investing and agrees to be bound by its terms.

If the recipient organization is a U.S. entity, the authorized representative(s) certifies under penalties of perjury that:

1. The employer or other taxpayer ID number given on this form is correct.
2. The recipient organization is not subject to backup withholding because (a) it is exempt from backup withholding, or (b) it has not been notified by the Internal Revenue Service (IRS) that it is subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified it that it is no longer subject to backup withholding.

Important: Cross out item 2 if the organization has been notified by the IRS that it is currently subject to backup withholding because it has failed to report all interest or dividends on its tax return.
3. The recipient organization is a U.S. entity.
4. The Foreign Account Tax Compliance Act (FATCA) code(s) entered on this form (if any) indicating that the organization is exempt from FATCA reporting is correct.

If the recipient organization is not a U.S. entity, it will complete the appropriate Form W-8 electronically to certify its foreign status, including its FATCA status, and to claim treaty benefits, if applicable.

Sign in the center of the box. ➤

Signature of authorized representative X	Date <i>mm/dd/yyyy</i>
Print name	

Sign in the center of the box. ➤

Signature of authorized representative X	Date <i>mm/dd/yyyy</i>
Print name	

Return ALL pages of this form, even if some sections are left blank.

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Organization Resolution

For naming officers or other persons who are authorized to conduct transactions for an organization

Organizations covered by this form

- Corporations.
- Sole proprietorships.
- Partnerships.
- Limited liability companies and partnerships.
- Professional corporations and associations.
- Endowments.
- Business trusts.
- Other entities and organizations.

You can use this form if the organization is either:

- The registered account owner, trustee, or guardian/conservator; or
- An agent for another account owner.

Who can sign

Authorized signatories may include officers, general partners, managing members, or other persons allowed to act on the organization's Vanguard and Vanguard Brokerage Services® (Vanguard Brokerage) accounts.

Where noted in Sections 3 and 4, each authorized signatory or other authorized person for a Vanguard Brokerage account must check one or both boxes to indicate any associations or affiliations that apply. **If the first box is checked, the authorized signatory or other authorized person must include with this form a letter of account approval from the associated organization's compliance officer.** Upon written request of the member firm, we'll automatically send them duplicate copies of confirmations, statements, or other information. Failure to include an approval letter may delay the processing of your form. An account approval letter isn't needed for FINRA, New York Stock Exchange, or Vanguard employees.

Important: Signatures are required to authorize this resolution. For specific instructions, refer to Section 5.

If your organization has only one authorized signatory, please have a bank officer, practicing attorney, or member of a domestic stock exchange complete the third-party certification in Section 5.

Once we've received your completed resolution, authorized persons can transact on your organization's behalf without providing certified resolutions.



Organization Resolution

Effective April 2017

Use this form to authorize persons to conduct transactions on your organization's Vanguard mutual fund and/or Vanguard Brokerage Services® (Vanguard Brokerage) accounts or to authorize persons to act for the organization on behalf of another account owner.

This resolution remains in effect until Vanguard receives notification that it has been revoked or receives a new form. You must file a new Organization Resolution each time there's a change in the identity of individuals authorized to act for your organization.

For brokerage accounts only. Please include a current copy of your organization's document (for example, your corporate secretary's certificate, operating agreement, board minutes, or a similar document) that confirms that the individuals listed in Section 3 are authorized to act.

Print in capital letters and use black ink.

Questions?

Call 800-662-2739.

If you need other forms, go to vanguard.com/serviceforms.

1. Organization information

Taxpayer ID number	Contact phone <i>area code, number, extension</i> <input type="checkbox"/> Mobile
Name of organization <i>Provide the full, legal name.</i>	

2. Type of authorization *Check one, then skip to the appropriate section.*

If you check this box, > **Option A. Authorization to act on an organization's accounts or if the organization serves as trustee or guardian/conservator**

If you check this box, > **Option B. Authorization to act on behalf of or as interested party for another account owner**

To be eligible to serve as agent or interested party for another account owner, the organization must have been appointed under our Agent Authorization, Agent Certification for Incapacitated Person, or Information-Only Access Form that has been or is being completed and submitted to us by the account owner.

3. Authorization to act on an organization's accounts

Complete this section only if you selected Option A in Section 2.

Authorized signatories

When acting on an organization's account or if the organization serves as a trustee or guardian/conservator, the individuals below can:

1. Sign documents related to Vanguard mutual fund and Vanguard Brokerage accounts owned by the organization.
2. Invest the assets of the organization.
3. Obtain account information and give instructions for the purchase, sale, exchange, or transfer of securities.
4. Engage in margin and option trading on Vanguard Brokerage accounts owned by the organization.

Indicate how many signatures are required on documents other than checks. If you don't provide a number, Vanguard will assume only one authorized signatory must sign.	Number of signatures required
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Provide the full, legal name. >

If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page. >

Name of authorized signatory <i>first, middle initial, last</i>	
Signature X	Date <i>mm/dd/yyyy</i>
<input type="checkbox"/> Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.	
<input type="checkbox"/> Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page. >

Name of authorized signatory <i>first, middle initial, last</i>	
Signature X	Date <i>mm/dd/yyyy</i>
<input type="checkbox"/> Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.	
<input type="checkbox"/> Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page. >

Name of authorized signatory <i>first, middle initial, last</i>	
Signature X	Date <i>mm/dd/yyyy</i>
<input type="checkbox"/> Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.	
<input type="checkbox"/> Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

If you need more space to list additional authorized signatories, copy this page.

Online access and electronic delivery *optional*

If desired, provide the name and email address of the authorized signatory, from page 2, who's authorized to establish secure access to the organization's accounts online and consent to electronic delivery (e-delivery) of the organization's account documents. **Only one person can be given this authority.**

The authorized signatory will need to set up these services separately once we've processed this form. Not all organization accounts are eligible for e-delivery; the authorized signatory will have the option of electing e-delivery for any eligible accounts after registering for online access. If the organization listed on this form isn't the account owner, you can't change the mailing preferences.

If by submitting this form the organization is removing or replacing the authorized signatory designated for online access and e-delivery, we'll reset the account's online access and change the mailing preferences for all account documents to U.S. mail delivery. The new authorized signatory (if any) will need to sign up for these services, if desired.

Note: Any of the authorized signatories listed on page 2 can obtain account information and perform transactions by calling a Vanguard investment professional.

Use an individual or personal email address, such as johndoe@xyzcompany.com.

Name of authorized signatory *first, middle initial, last*

Email address of authorized signatory

This will be the email address for the account; all email notifications will be sent here. If you need to change the email address, you'll need to first request a PIN, which will be sent to the email address before you can change it.

Additional persons who can conduct transactions *optional*

The authorized persons listed below **won't** be allowed to sign any documents related to your accounts. However, they'll be allowed to invest the assets of the organization; obtain account information and give instructions for the purchase, sale, or exchange of securities; and engage in margin and option trading (if available) on Vanguard Brokerage accounts owned by the organization.

If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page.

Name of authorized person *first, middle initial, last*

Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.

Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.

Name of company	Trading symbol
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If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page.

Name of authorized person *first, middle initial, last*

Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.

Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.

Name of company	Trading symbol
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4. Authorization to act on behalf of another account owner

Complete this section only if you selected Option B in Section 2.

Account owner information

Name of account owner, trust, or organization	Last four digits of taxpayer ID number
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Authorized person information *List the names of any authorized persons assigned to act on behalf of the organization as agent or interested party for the above account owner.*

If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page. ➤

Name of authorized person <i>first, middle initial, last</i>	
<input type="checkbox"/> Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.	
<input type="checkbox"/> Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

If you check this box, a letter of account approval is required for brokerage accounts. Refer to the instructions page. ➤

Name of authorized person <i>first, middle initial, last</i>	
<input type="checkbox"/> Check this box if you're 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer.	
<input type="checkbox"/> Check this box if you are, or if a household member is, a control person or an affiliate of a public company, as defined in SEC Rule 144 (this would include, but isn't limited to, 10% shareholders, policymaking executives, and members of the board of directors). If this box is checked, you must provide the names and trading symbols of the companies for which such person serves as a control person or an affiliate.	
Name of company	Trading symbol

Return pages 1–7 of this form, even if some sections are left blank.

5. Certification and indemnification

For Option A

If signing to authorize persons to act on the organization's own Vanguard mutual fund or Vanguard Brokerage accounts or where the organization serves as a trustee or guardian/conservator, confirm the following by signing on page 7:

- Each of the authorized signatories identified in Section 3 is duly authorized by resolution of the board of directors or other governing body of the organization, or under the organization's charter or other organizing document, to act on behalf of the organization in connection with any Vanguard mutual fund and/or Vanguard Brokerage accounts owned by the organization. Each such signatory is authorized to invest the assets of the organization; obtain information and give instructions for the purchase, sale, exchange, or transfer of securities; engage in margin and option trading on Vanguard Brokerage accounts owned by the organization; and execute any necessary documents in connection with those securities and/or the Vanguard accounts owned by the organization.
- Each of the additional authorized persons identified in Section 3 is authorized to act on behalf of the organization in connection with any Vanguard mutual fund and/or Vanguard Brokerage accounts owned by the organization. Each such additional authorized person is authorized to invest the assets of the organization; obtain information and give instructions for the purchase, sale, exchange, or transfer of securities; and engage in margin and option trading on Vanguard Brokerage accounts owned by the organization. However, the additional authorized persons are not authorized to execute any documents in connection with the organization's accounts.
- The organization is solely responsible for informing Vanguard of any changes in the authority or identity of any of the authorized signatories or other authorized persons identified in Section 3.

Return pages 1–7 of this form, even if some sections are left blank.

For Option B

If signing to identify persons authorized to act on behalf of the organization as agent or interested party for another account owner under an Agent Authorization, Agent Certification for Incapacitated Person, or Information-Only Access Form, confirm the following by signing on page 7:

The undersigned authorized signatories of the organization identified in Section 1 hereby certify that each is authorized to act on behalf of the organization to the extent of the authority granted to the organization in an Agent Authorization, Agent Certification for Incapacitated Person, or Information-Only Access Form filed with Vanguard previously or at the same time as this form.

The organization acknowledges that:

- The authorized persons identified in Section 4 are authorized to act only with respect to the Vanguard mutual fund and/or Vanguard Brokerage accounts owned by the account owner for which the organization has been authorized as an agent or interested party. The organization further acknowledges that it must file a separate Organization Resolution for each additional account owner for whom the organization serves as an agent or interested party.
- The organization is solely responsible for informing Vanguard of any changes in the authority or identity of the authorized persons listed in this section.
- Vanguard isn't responsible for any acts or omissions taken in regard to any instructions believed by Vanguard to have originated from any authorized person identified in Section 4 until Vanguard has received written notice of the revocation of such authorized person's authority and Vanguard has had a reasonable period of time to act upon such notice.

The following statement applies to organizations that may engage in option trading:

I/We understand the investment objectives and trading plan of the registered account owner(s) and will only use trading strategies that are consistent with these objectives and plans.

I/We acknowledge that I/we have received from the registered account owner(s) (or I/we already possess) copies of the Vanguard Brokerage Option Application and Vanguard Brokerage Option Account Agreement (Option Agreement), and I/we have read and understand them. I/We also acknowledge that if the registered account owner(s) is/are approved for option trading, the owner(s) will be sent the booklet *Characteristics and Risks of Standardized Options*. I/We agree to read the booklet prior to conducting any trades in the registered account owner's(s') account. I/We also accept all the terms and conditions of the Option Agreement.

I/We acknowledge receiving a copy of the Option Agreement, which contains a predispute arbitration clause highlighted in paragraphs 14 and 15 on page 3. By signing this application, I/we agree to be bound by the terms of the Option Agreement.

Applies to brokerage option accounts only if Section 4 has been completed. >

Signatures are required on the next page.

For all organizations submitting this resolution

The organization agrees to indemnify and hold The Vanguard Group, Inc., Vanguard Marketing Corporation, their affiliates, each of the investment company members of The Vanguard Group, and their respective officers, employees, and agents (collectively, Vanguard) harmless from and against all losses, claims, and expenses (including attorney’s fees) of any kind incurred by Vanguard for relying in good faith upon information provided in this resolution and for acting on instructions believed by Vanguard to have originated from any authorized signatory or other authorized person identified in Section 3, or any authorized person identified in Section 4, as the case may be. This resolution remains in full force and effect until revoked by an authorized signatory of the organization. Each Organization Resolution filed with Vanguard revokes a corporate/organization resolution previously filed with Vanguard in its entirety. Any revocation will not affect any liability resulting from transactions initiated before Vanguard has had a reasonable amount of time to act upon the revocation.

The undersigned are authorized to certify this information on behalf of the organization and confirm that these provisions conform to the charter or other organizing document of our organization.

Important: Two authorized signatories must sign below.

Sign here.
 You can sign even if your name is included in Section 4 as an authorized person.
 If the organization has only one authorized signatory, a third-party certification must be provided below.

Name of authorized signatory <i>first, middle initial, last</i>	Title
Signature X	Date <i>mm/dd/yyyy</i>
Name of authorized signatory <i>first, middle initial, last</i>	Title
Signature X	Date <i>mm/dd/yyyy</i>

Third-party certification

I certify that the person who signed above is the duly authorized signatory of the organization identified in Section 1.

Required if the organization has only one authorized signatory.

Name of bank officer, practicing attorney, or member of a domestic stock exchange	
Title	
Name of bank or firm	
Signature X	Date <i>mm/dd/yyyy</i>

Return pages 1–7 of this form, even if some sections are left blank.

Mailing information

Make a copy of your completed form for your records.

Mail pages 1–7 of this form—even if some sections are left blank—and any attached information in the enclosed postage-paid envelope.

If you don't have a postage-paid envelope, mail to: > Vanguard
P.O. Box 1110
Valley Forge, PA 19482-1110

For registered or certified mail, or overnight delivery, mail to: > Vanguard
455 Devon Park Drive
Wayne, PA 19087-1815

Reminders

Review all of these requirements before returning this resolution to Vanguard. > You **MUST** include the following items. If any are missing upon receipt of this form at Vanguard, your request won't be processed.

- The correct taxpayer ID number in Section 1.
- Names of all authorized signatories and/or persons in Section 3 or 4.
- All appropriate signatures in Section 5.

For brokerage accounts only

- You **MUST** include a current copy of your organization's secretary's certificate, operating agreement, board minutes, or a similar document.
- If any authorized signatory/person is 1) an employee of FINRA or 2) associated with a member of a stock exchange, a FINRA member firm, or a municipal securities dealer, you **must attach a letter of account approval from the associated organization's compliance officer**. Upon written request of the member firm, we'll automatically send them duplicate copies of confirmations, statements, or other information. Failure to include an approval letter may delay the processing of your form. An account approval letter isn't needed for FINRA, New York Stock Exchange, or Vanguard employees.



Account Registration Form

Effective March 2017

Use this form to open a nonretirement mutual fund account.

Don't use this form to open a retirement account or a brokerage account.

Vanguard funds are registered for sale to U.S. residents only. You must provide your U.S. address on this form.

Print in capital letters and use black ink.

Questions?
Call 800-662-7447.

1. Type of account *Check only one.*

Verify that any registration you indicate here is valid in your state. >

Individual
Account owned by one person.

Joint
Account owned by two or more people. Joint accounts will be registered as "joint tenants with right of survivorship" unless you indicate otherwise below.
Joint account registration *e.g., tenants in common, community property*

Uniform Gifts to Minors Act/Uniform Transfers to Minors Act (UGMA/UTMA)
Account established as an irrevocable gift or transfer of assets to a minor. The assets in this account may only be used for the benefit of the minor. An adult custodian administers the account until the minor reaches the age of termination (or later age, if permitted by state law) for the state under whose law the gift or transfer is being made.

State	If you're opening an UGMA/UTMA account, you must provide the state under whose law the gift or transfer is being made.
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Guardian
Account administered by a court-appointed guardian or conservator.
Important: You must submit an original or certified (within 90 days) copy, with a raised seal, of the court appointment of the guardian or conservator.

Enter information about the organization in Section 2. >

Organization or other entity, including estate
Account owned by an entity.

Enter the trustee information in Section 3 and the trust information in Section 4. >

All currently serving trustees must sign in Section 10.

Trust *for an existing trust only*
Account established to invest assets held in a personal or retirement trust. **Note:** If this is an organizational trust (such as a foundation or endowment), check the **Organization or other entity** box instead.

For trusts under will/testamentary: You must attach copies of the pages of the will that confirm the creation of the trust and those that contain the trustee name(s) and the testator's (decedent's) signature. The pages of the will should indicate it was filed with the probate court and include a court stamp (the stamp doesn't need to be original or include a date). If the will doesn't contain a court stamp, attach a copy of letters testamentary or the court document appointing the trustee of the trust.

For all other types of trusts: You must attach copies of the pages of the trust agreement that contain the trust name and date, and a listing of the trustee names and the signature page(s), signed by the persons who were required to sign under state law.

2. Organization information *organizations and other entities only*

If you check a box, you must send us a copy of the required documentation.

In most cases, you must also complete our Organization Resolution form and include a copy of the organization document identifying all authorized persons.

Registration type <i>Check only one.</i>	Required documentation
<input type="checkbox"/> Corporation	Articles of incorporation, state-issued charter, or certificate of good standing. <i>Check one. If you don't check a box, we'll treat your organization as an S corporation for tax-reporting purposes.</i> <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation
<input type="checkbox"/> Endowment	Pages in the trust document that show the name of the endowment and a listing of all trustees and their signatures.
<input type="checkbox"/> Estate*	Certified (within 90 days) copy of the court appointment of fiduciary, such as letters testamentary or letters of administration.
<input type="checkbox"/> Foundation	Articles of incorporation.
<input type="checkbox"/> Partnership	Partnership agreement.
<input type="checkbox"/> Professional association or corporation	Articles of association, certificate of organization, or similar document.
<input type="checkbox"/> Limited liability company (LLC)	Articles of association, certificate of organization, or similar document. <i>Check one box to indicate federal tax classification of LLC.</i> <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Sole proprietorship/single member
<input type="checkbox"/> Sole proprietorship	Document filed to form the proprietorship.
<input type="checkbox"/> Unincorporated enterprise	Document evidencing the existence of the enterprise, such as the charter or resolution.
<input type="checkbox"/> Other <i>Specify type.</i>	Document filed to form the organization (if a legal entity), or organization bylaws or similar document (if not a legal entity).

Organization description *Check any that describe the organization.*

<input type="checkbox"/> Broker-dealer	<input type="checkbox"/> National bank
<input type="checkbox"/> Mutual fund	<input type="checkbox"/> State-regulated bank
<input type="checkbox"/> Government agency or instrumentality	
<input type="checkbox"/> Publicly traded on the Nasdaq (except small-cap issues), NYSE, or NYSE Arca	Ticker symbol

Identity of organization

Name of organization <i>as shown on federal tax documents</i>		
Employer ID number	If organization is exempt from backup withholding, provide the applicable exempt payee code from the list at the end of this section.	Code

*For this registration type, you only need to complete our Organization Resolution form if the estate representative is an organization.

Return pages 1–10 of this form, even if some sections are left blank.

You must complete this entire section. >

Country where organization was established

U.S. Other*

Country of establishment *if not U.S.*

Tax residency

U.S. Other

Country of tax residence *if not U.S.*

Exempt payee codes for organizations

If you're opening an account for an organization that's exempt from backup withholding, you must provide one of the following exempt payee codes where noted previously.

Type of organization	Exempt payee code
An organization exempt from tax under section 501(a), any IRA, or a custodial account under Section 403(b)(7) if the account satisfies the requirements of Section 401(f)(2).	1
The United States or any of its agencies or instrumentalities.	2
A state, the District of Columbia, a possession of the United States, or any of their political subdivisions, agencies, or instrumentalities.	3
A foreign government or any of its political subdivisions, agencies, or instrumentalities.	4
A corporation.	5
A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States.	6
A futures commission merchant registered with the Commodity Futures Trading Commission.	7
A real estate investment trust.	8
An entity registered at all times during the tax year under the Investment Company Act of 1940.	9
A common trust fund operated by a bank under Section 584(a).	10
A financial institution.	11
A middleman known in the investment community as a nominee or custodian.	12
A trust exempt from tax under Section 664 or described in Section 4947.	13

The following chart shows the types of payees that are exempt from backup withholding.

If the payment is for ...	Then the payment is exempt for ...
Interest and dividend payments	All exempt payees except for 7.
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they're exempt only for sales of noncovered securities acquired prior to 2012.
Payments over \$600 required to be reported	Generally, exempt payees 1 through 5.

*If the country of establishment is other than the United States, you must complete an IRS Form W-8 electronically to certify your foreign status, and to claim treaty benefits if applicable. We'll mail you instructions for completing the electronic Form W-8 once your account has been established.

Return pages 1–10 of this form, even if some sections are left blank.

3. Account owner information

You must provide all of the requested information for each person to be registered on the account. If any account owner isn't of legal adult age for the state in which he or she resides (18 for most states, 19 in Alabama and Nebraska, and 21 in Mississippi), we can't open the account (unless the account is to be opened as a custodian account for a minor and the custodian is identified on the following page).

For trusts accounts. The first mailing address listed below will be the primary address for any mailings. For trusts registered under an employer ID number, only the first trustee will be given authority to consent to electronic delivery of account-related information for the trust. Notice of availability of that information will be sent only to that trustee's email address.*

For organization accounts. The first mailing address listed below will be the primary address for any mailings. Only the organization representative designated on the Organization Resolution form will be given authority to consent to electronic delivery of account-related information for the entity. Notice of availability of that information will be sent only to that individual's email address.

For all other accounts. The first individual listed below will be named first in the account registration. This individual's Social Security number will be used for tax-reporting purposes, and his or her address will be used for any mailings.

Important: All owners, current trustees, and executors must sign in Section 10.

Owner, minor, trustee, executor, or organization representative

Provide the full, legal name. >	Name <i>first, middle initial, last</i>	
	Birth date <i>mm/dd/yyyy</i>	Email address <i>required for electronic delivery</i>
	Social Security number (SSN) <i>or</i> individual taxpayer ID number (ITIN)	

If you've applied for an SSN or ITIN but haven't received it, enter the date on which you applied. >

You must complete this entire section. >	Citizenship <input type="checkbox"/> U.S. <input type="checkbox"/> Resident alien <input type="checkbox"/> Nonresident alien** Country of citizenship <i>if not U.S.</i>	Tax residency <input type="checkbox"/> U.S. <input type="checkbox"/> Other Country of tax residence <i>if not U.S.</i>
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Mailing address *If you're a trustee, executor, or organization representative, use the trust/estate/organization address.*

Street or P.O. box	
City, state, zip	Country <i>if not U.S.</i>

*If any trustee is an organization, e-delivery is NOT available for this account.

**If you're a nonresident alien, you must complete an IRS Form W-8 electronically to certify your tax status, and to claim treaty benefits if applicable. For joint accounts where both owners are foreign, both must complete a Form W-8. We'll mail you instructions for completing the electronic Form W-8 once your account has been established.

Return pages 1–10 of this form, even if some sections are left blank.

Street address *Address can be military APO or FPO. If you're a trustee, executor, or organization representative, use the trust/estate/organization address.*

This is required if it's different from mailing address or if mailing address is a P.O. box.

Street <i>P.O. box or rural route is NOT acceptable</i>	
City, state, zip	Country <i>if not U.S.</i>

Phone

You must provide at least one phone number.

Daytime phone <i>area code, number, extension</i> <input type="checkbox"/> Mobile	Evening phone <i>area code, number, extension</i> <input type="checkbox"/> Mobile
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Joint owner, custodian, co-trustee, co-executor, or organization representative

If you need more space to list additional owners, copy this page or provide the information on a separate sheet.

Provide the full, legal name.

If you've applied for an SSN or ITIN but haven't received it, enter the date on which you applied.

Name <i>first, middle initial, last</i>	
Birth date <i>mm/dd/yyyy</i>	Email address <i>optional</i>
Social Security number (SSN) <i>or</i> individual taxpayer ID number (ITIN)	

Citizenship

Tax residency

You must complete this entire section.

<input type="checkbox"/> U.S.	<input type="checkbox"/> Resident alien	<input type="checkbox"/> Nonresident alien
Country of citizenship <i>if not U.S.</i>		

<input type="checkbox"/> U.S.	<input type="checkbox"/> Other
Country of tax residence <i>if not U.S.</i>	

Street address *Address can be military APO or FPO.*

Street <i>P.O. box or rural route is NOT acceptable</i>	
City, state, zip	Country <i>if not U.S.</i>

Phone

You must provide at least one phone number.

Daytime phone <i>area code, number, extension</i> <input type="checkbox"/> Mobile	Evening phone <i>area code, number, extension</i> <input type="checkbox"/> Mobile
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Successor custodian *if a custodian has been named*

Upon the custodian's resignation, incapacity, or death, the successor custodian will be responsible for contacting Vanguard to initiate the change in custodianship. We'll also require the successor custodian to provide certain documentation, depending on the reason behind the change.

Complete this section only if you're establishing an UGMA/UTMA account for a minor.

Name <i>first, middle initial, last</i>
Birth date <i>mm/dd/yyyy</i>

Return pages 1–10 of this form, even if some sections are left blank.

4. Trust information *trust accounts only*

- All current trustees must sign where indicated in Section 10.
- The employer ID or Social Security number you provide below will be used for tax-reporting purposes.
- If the trustee is an organization, complete our Organization Resolution form and mail it with this form.

Only grantor trusts may use the grantor's SSN. All other trusts must provide an EIN. >

Name of trust <i>Provide full, legal name of trust.</i>	
Employer ID number (EIN) <i>or</i> Social Security number (SSN)	Date of trust agreement <i>mm/dd/yyyy</i>

Type of trust *Check all that apply.*

<input type="checkbox"/> Trust under agreement (revocable)	<input type="checkbox"/> Trust under agreement (irrevocable)	<input type="checkbox"/> Trust under will/ testamentary	Name of grantor <i>if grantor trust</i>
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You must complete this entire section. >

Country where trust was established	Tax residency
<input type="checkbox"/> U.S. <input type="checkbox"/> Other*	<input type="checkbox"/> U.S. <input type="checkbox"/> Other*
Country of establishment <i>if not U.S.</i>	Country of tax residence <i>if not U.S.</i>

5. Funds you'd like to invest in

Indicate the fund names, symbols, and investment amounts below. For minimum investment amounts, refer to vanguard.com/mutualfunds. Be sure the funds you want are currently open to new investors.

If you need more space to list funds, provide the information on a separate sheet. >

Fund name	Fund symbol	Amount
		\$
		\$
		\$
		\$
		Total investment
		\$

Note: We charge a \$20 annual account service fee for each Vanguard fund with a balance of less than \$10,000 in an account. We'll withdraw the fee directly from the fund accounts each June. This fee doesn't apply if you sign up for account access on vanguard.com and choose electronic delivery of statements, confirmations, and Vanguard fund reports and prospectuses. This fee also doesn't apply to Flagship Select™, Flagship®, Voyager Select®, or Voyager® clients.

6. How you'd like to make your initial investment

Check only one.

For this option, you must complete Section 9. >

<input type="checkbox"/> By check <i>Make check payable to Vanguard. If you're investing in more than one fund, you may write a single check for the total amount.</i>	Total investment
	\$
<input type="checkbox"/> By electronic transfer <i>Make a one-time withdrawal from the bank account listed in Section 9.</i>	Total investment
	\$
<input type="checkbox"/> By wire <i>Call us at 800-662-7447 for wiring instructions.</i>	Date of wire <i>mm/dd/yyyy</i>
	Total investment
	\$

*If the country of establishment or tax residence is other than the U.S., you'll be required to complete either an official IRS Form W-9 on paper to certify the trust's tax status as U.S. or a Form W-8 electronically to certify the trust's tax status as foreign, and to claim treaty benefits if applicable. We'll mail you instructions once your account has been established.

7. Distribution options

Your selection will apply to all funds opened through this form, and you may change your distribution options at any time. If you don't select an option, all distributions (dividends and capital gains) will be reinvested in additional shares of the same fund.

Check only one.

Reinvest dividends and capital gains in additional shares of the same fund.

Mail dividends and capital gains by check to my mailing address.

For this option, you must complete Section 9. >

Send dividends and capital gains by electronic transfer to my bank account.

8. Automatic investment plan *optional*

Complete this section only if you want to schedule automatic transfers from the designated bank account to your Vanguard account on a set schedule.

You can't use automatic investment to pay for your initial investment. If you need more space to list funds or specify a different schedule for each fund, provide the information on a separate sheet.

Schedule and starting date

Check only one. If you don't make a selection, the investments will be made monthly on the 15th.*

<input type="checkbox"/> Every week**	<input type="checkbox"/> Every two weeks	Starting date <i>mm/dd (from the 5th to the 25th)</i>
<input type="checkbox"/> Twice each month	<input type="checkbox"/> Every month	

Ending date *Check one.*

<input type="checkbox"/> I want my plan to run until I stop it.	Ending date <i>mm/dd/yyyy</i>
<input type="checkbox"/> I want my plan to continue until this date:	

How you want your money invested

You must currently hold these Vanguard funds in your account.

If you need more space to list funds or want a different schedule for each amount, provide the information on a separate sheet. >

Vanguard fund name	Fund symbol	Amount
		\$
Vanguard fund name	Fund symbol	Amount
		\$
Vanguard fund name	Fund symbol	Amount
		\$

*If the date you choose falls on a weekend, holiday, or other nonbusiness day, the transaction will be initiated on the previous business day.
 **Vanguard will process the transfer weekly on the day of the week that the start date falls (every Thursday, for example).

Return pages 1–10 of this form, even if some sections are left blank.

9. Bank information

Complete this section if you selected electronic transfer in Section 6 or 7, or the automatic investment plan in Section 8.

Important: If the registrations and/or authorized signers on the bank account and your Vanguard account don't match, skip to Section 10. You'll need to complete and attach our Bank Transfer Service Form.

Required documentation. We must receive at least one of the following:

- A voided check or preprinted deposit slip (tape or clip below).
- A bank account statement that contains the account number and the registration of the bank account (all other information can be crossed out).
- A letter from the bank on bank letterhead, signed by a bank officer, that contains the routing number, account number, account registration, and authorized signers.

Important requirement: If the bank account is owned by and registered in the name of an organization or trust, and the name(s) of the authorized signer(s) or trustee(s) doesn't/don't appear in the registration on the voided check, preprinted deposit slip, or bank account statement, we **MUST** receive a letter from the bank. The letter must be on bank letterhead, be signed by a bank officer, and contain the routing number, account number, account registration, and your name(s) as the authorized signer(s) required to authorize debit and credit entries to the organization's or trust's bank account.

Check this box if you'd like Vanguard to make this the default bank account for future transaction requests.

Bank information. You must provide all of the following information.*

<input type="checkbox"/> Make this my primary bank.	
Bank name	Account type <input type="checkbox"/> Checking <input type="checkbox"/> Savings
Bank routing/ABA number <i>Enter nine digits.</i>	Bank account number
Bank account registration <i>List all names that appear on the bank account.</i>	

If providing a voided check or preprinted deposit slip, tape it here.

Don't staple or alter in any way other than voiding.

Voided check or preprinted deposit slip

J.A. Sample 123 Street Anywhere, USA 12345		BANK NAME CITY USA	87654
PAY TO THE ORDER OF _____		\$ _____	
			DOLLARS
			VOID AFTER 60 DAYS
MEMO _____			
1:000123456:	12345678987654321:11	87654	
Bank routing number	Account number	Check number	

*An electronic transfer can take several days, depending on the timing of your request. The bank, savings and loan, or credit union must be a member of the ACH network, and the account type must permit electronic transfers.

Return pages 1–10 of this form, even if some sections are left blank.

10. Authorization of all account owners

Important information about opening a new account. The Vanguard Group, Inc., is required by federal law to obtain from each person who opens an account certain personal information—including name, street address, and date of birth—that will be used to verify identity. If you don't provide us with this information, we won't be able to open the account. If we're unable to verify your identity, The Vanguard Group, Inc., reserves the right to close your account or take other steps we deem reasonable.

Read this section carefully, and sign on page 10 exactly as indicated in Section 3.

- I have full authority and legal capacity to purchase fund shares.
- I have received a current prospectus of each fund I am investing in and agree to be bound by its terms.
- If I represent an organization, I confirm that the organization is in existence and that I have full authority to enter into investment transactions on behalf of the organization and to execute and deliver documents on its behalf.
- If I am investing in a state tax-exempt fund, I certify that I am a legal resident of the state indicated below, although I may occasionally use an out-of-state address.

This information is required only for state tax-exempt funds. ➤

State of legal residence

- If I am using this form to add an electronic bank transfer option to my account, I authorize The Vanguard Group, Inc., and Vanguard Marketing Corporation, and any affiliates or subsidiaries of either (individually or collectively, "Vanguard"), upon phone or online request, to pay amounts representing redemptions or withdrawals made by me, or to secure payment of amounts invested by me, by initiating credit or debit entries to the bank named by me. I authorize the bank to accept any such credits or debits to my account without responsibility for the correctness thereof. I acknowledge that the origination of ACH transactions to my account must comply with U.S. law. I further agree that Vanguard will not incur any loss, liability, cost, or expense in connection with my phone or online request. I understand that this authorization may be terminated by me at any time by written notification to Vanguard and to the bank. The termination request will be effective as to Vanguard as soon as Vanguard has had a reasonable amount of time to act upon it. I represent and warrant to Vanguard that I am an owner or authorized signer on the bank account specified by me on this form and that no other owner or authorized signer of such bank account (other than the joint Vanguard account owner(s), if applicable) is required to sign in order to authorize the initiation of ACH entries to such bank account.
- I understand that if an account is registered in more than one name, Vanguard will accept written or phone instructions from any one of the owners.
- If I am signing as a trustee of a trust, I understand that I also must confirm the following by signing on the next page:

The trust is valid and in full force and effect as of the date below; the trustees have full authority under the trust document and applicable law to enter into investment transactions on behalf of the trust, including the purchase, sale, exchange, transfer, and redemption of mutual funds; and the trustees may issue general instructions.

The individuals listed and signing this form are all of the currently serving trustees.

If a number isn't provided, the signature of one trustee will be required for written transaction requests. ➤

Number of trustee signatures required to take any action on behalf of the trust.
(Phone and online requests may be made by any individual trustee.)

You must sign on page 10.

- If I am signing as custodian of an UGMA or UTMA account, I acknowledge that I understand that the assets in such account legally belong to the minor for whom the account is registered and may only be used for the benefit of said minor.

If I am a U.S. citizen, a U.S. resident alien, or a representative of a U.S. entity, I certify under penalties of perjury that:

1. The taxpayer ID number I have given on this form is correct (or I am waiting for a number to be issued to me).
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding.
Important: Cross out item 2 if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest or dividends on your tax return.
3. I am a U.S. citizen or other U.S. person (as defined by the IRS in its Form W-9 instructions).
4. The Foreign Account Tax Compliance Act (FATCA) code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

If I am not a U.S. person, I will complete the appropriate Form W-8 electronically to certify my foreign status, including my FATCA status, and to claim treaty benefits if applicable.

The IRS does not require your consent to any provision of this document other than the certification required to avoid backup withholding.

All those listed in Section 3 (except minors and successor custodians) must sign and date here. ➤

If additional signatures are required, photocopy this page.

Signature of owner, custodian, trustee, executor, or organization representative X	Date <i>mm/dd/yyyy</i>
Signature of joint owner, co-trustee, co-executor, or organization representative X	Date <i>mm/dd/yyyy</i>

Return pages 1–10 of this form, even if some sections are left blank.

Mailing information

Mail pages 1–10 of your completed form and any attached information in the enclosed postage-paid envelope.

If you don't have
a postage-paid
envelope, mail to: > Vanguard
P.O. Box 1110
Valley Forge, PA 19482-1110

For overnight
delivery, mail to: > Vanguard
455 Devon Park Drive
Wayne, PA 19087-1815

Reminders

If the new account is for:

- **A trust under will/testamentary.** Attach copies of the pages of the will that confirm the creation of the trust and those that contain the trustee name(s) and the testator's (decedent's) signature. The pages of the will should indicate it was filed with the probate court and include a court stamp (the stamp doesn't need to be original or include a date). If the will doesn't contain a court stamp, attach a copy of letters testamentary or the court document appointing the trustee of the trust.
- **Any other type of trust.** Attach copies of the pages of the trust agreement that contain the trust name and date, and a listing of the trustees' names and the signature page(s), signed by the persons who were required to sign under state law.
- **An organization.** Attach a copy of the documentation required for registration, and complete and submit our Organization Resolution form, if needed.
- **A court-appointed guardian or conservator.** Attach an original or certified (within 90 days) copy, with a raised seal, of the court appointment of the guardian or conservator.

Electronic transfers and wire redemptions

If you selected electronic transfer in Section 6 or 7, or the automatic investment plan in Section 8, and the registrations and/or authorized signers on the bank account and your Vanguard account don't match, complete and attach our Bank Transfer Service Form.

