

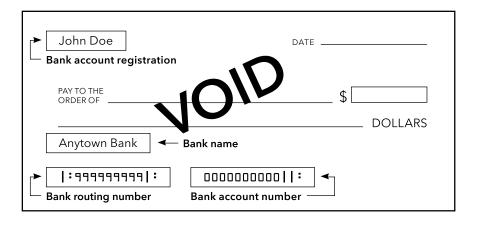
Add/Update Bank Information

Use this form to add or update your bank information. You may also add or update bank information for online investing at www.capitalgroup.com. To establish new account options or to make additional updates, use the appropriate Account Options form.

Information about you				
Name(s) of owner(s)				
Address	City		State	ZIP
		()		
Email address*		Daytime phone		
Check here to update the mailing address on your account(s).				
This request applies to the following American Funds account number	rs:†			
*Your privacy is important to us. For information on our privacy policies, visit w	www.capitalgroup.com.			
[†] If a SIMPLE IRA is listed, and you have a pre-tax and Roth SIMPLE IRA in the ligible for online/telephone investing.	e same plan, this reques	t will apply to both account	ts. SIMPLE IR	As are not

Z

A. Tape an unsigned, voided check below (no deposit slips) — In lieu of a check, submit a preprinted bank document, such as a bank statement or letter on your bank's letterhead, providing the bank information.



В.	Link	mν	bank	infori	mation
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For online/telephone investing

For online/telephone withdrawals from my American Funds account(s)

Note: If no option is selected, and the account type(s) listed in Section 1 are eligible, your bank account will be linked for investing and withdrawals.

Tape your check here.

5300 Robin Hood Rd.

Norfolk, VA 23513-2430

Fax (888) 421-4351



7	Bank information
	(continued)

(continuou)			
C. Request type:			
<u> </u>	provided will replace any and all bank informa s form must be received at least 10 calendar o		c investment and/or
OR			
	provided is in addition to the bank information dated unless specific instructions are provided		stment and/or withdrawal
Note: If no box is checked	l, the bank information provided will replace ar	ny and all bank information currently on file	е.
Check this box if you c	urrently receive automatic withdrawals via chec	ck and would like to have them sent to the	bank information provided.
D. Signature guarantee requ	uirements:		
1. For investing (ACH):			
Is at least one of the Am	nerican Funds account owners listed as a banl	k account owner?	
Yes. Proceed to Se	ection 2-D-2.		
No. A signature gu	arantee is required in Section 3.		
2. For withdrawals from r	my American Funds account(s) (ACH):		
Are ALL the American F	Funds account owners listed as bank account	owners?	
Yes. Proceed to Se	ection 2-E.		
No. A signature gu	arantee is required in Section 3.		
E. Are you signing this form	ı electronically?		
No. Proceed to Section	on 3.		
	owing bank information ONLY if your financial	professional's firm has an electronic sign	ature indemnification
 Bank name		Bank routing numl	ber
		Checki	ng OR Savings
Bank account number	Bank account owner(s)		
Note: Once the withdrawal op upon processing this re	otion is established, there will be a 10-day wait equest.	ting period before it can be used. The inve	estment option is available
	If a signature guarantee is require	ed, this form must be mailed.	
If mailing, choose the ser	vice center for your state. Mail the form to th	ne Indiana Service Center if you live outs	ide the U.S.
	American Funds Service Company P.O. Box 6007 Indianapolis, IN 46206-6007	P.O. Bo	an Funds Service Company x 2280 _{r,} VA 23501-2280
	Overnight mail address	Overnic	ght mail address

For more information, contact your financial professional, visit www.capitalgroup.com or call us at (800) 421-4225.

Financial professional upload www.capitalgroup.com/upload

12711 N. Meridian St. Carmel, IN 46032-9181

Investor upload www.capitalgroup.com/submit

Add/Update Bank Information

3

Signature(s)

I/We request the establishment of the privileges selected on this form and authorize American Funds Service Company® (AFS), upon request via phone, fax or any other means utilizing telecommunications, including wireless or any other type of communication lines by authorized persons with appropriate account information, to 1) withdraw fund shares from this/these account(s) and deposit the proceeds into the bank account identified on this form, and/or 2) secure payments from the bank account into this/these account(s). I/We agree that my/our ACH elections will apply to all my/our current and future accounts. I/We understand I/we may cancel the ACH options at any time online at www.capitalgroup.com or by calling (800) 421-4225. I/We authorize the bank to accept any such credit or debit to my/our account without responsibility for its correctness. I/We have read, understand and agree to the Bank Verification Terms & Conditions, and I/we authorize AFS to access records from public and proprietary sources in order to validate that I/we am/are the bank account owner(s). I/We understand that amounts invested may not be withdrawn for 7 business days.

In consideration of AFS acting on such instructions and processing such transactions, I/we agree to hold harmless and indemnify AFS; any of its affiliates or mutual funds managed by such affiliates; and each of their respective directors; trustees; officers; employees; and agents from any losses, expenses, costs or liability (including attorney fees) that may be incurred as a result of AFS establishing these privileges or acting on such instructions. I/We understand that this authorization may be terminated by me/us at any time by telephone or written notification to AFS. The termination request will be effective as soon as AFS has had reasonable time to act upon it.

If this document is signed electronically, I/we consent to be legally bound by this document and subsequent terms governing it. The electronically signed copy of this document should be considered equivalent to a printed form in that it is the true, complete, valid, authentic and enforceable record of the document, admissible in judicial or administrative proceedings. I/We agree not to contest the admissibility or enforceability of the electronically stored copy of this document. A copy of this document will be made available to me/us as required.

This document may not be signed using Adobe Acrobat Reader's "fill and sign" feature.

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signature of fund account owner	Date	(mm/dd	/уууу)	Signature o	of fund account co-owner	Date	(mm/dd	/уууу)
he account owner's/co-owner's sign apital gains or automatic withdrawal		•			•	•	-	
<		1	/	X			1	1
signature of bank account owner f different from above)	Date	(mm/dd	/yyyy)	•	of bank account co-owner from above)	Date	(mm/dd	/уууу)
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required, signatures must be g	uaranteed t	ov a nank					STOCK PYO	rnange or
ha Financial Industry Deculatory	Authority th	•		·	•			J
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For submission instructions, see page 2.

Bank Verification Terms & Conditions

Electronic bank verification is conducted through a third party service provider that is unaffiliated with American Funds Service Company (AFS) and Capital Bank and Trust Company (CB&T). If you choose to add a bank account electronically, you must agree to the Bank Verification Terms & Conditions of Use set forth below. The Fund or the Fund's transfer agent will send your information to the third party service provider, who will then compare your information with their database to verify the information you provided. Please read and agree to the Bank Verification Terms & Conditions of Use for the third party service in order to continue.

Agreement and Bank Verification Terms & Conditions of Use of the Service

I (we) authorize the Fund and its agents to act upon instructions (by phone, in writing, online or by other means) believed to be genuine and in accordance with procedures described in the prospectus (if applicable) for this designated bank account. I (we) authorize credits/debits to/from the bank account designated in conjunction with the account option(s) selected. I (we) agree that AFS and/or CB&T shall be fully protected in honoring any such transaction. I (we) also agree that AFS and/or CB&T may make additional attempts to credit/debit my (our) account if the initial attempt fails and I (we) will be liable for any associated costs. All account options elected will become part of the account and terms, representations, and conditions thereof.

Provide Accurate Information. I (we), the end user, agree to provide true, accurate, current and complete information about myself (ourselves) and my (our) accounts maintained at other web sites and I (we) agree to not misrepresent my (our) identity or my (our) account information. I (we) agree to keep my (our) account information up to date and accurate.

Proprietary Rights. I (we) are permitted to use content delivered to me (us) through the service only on the service. I (we) may not copy, reproduce, distribute, or create derivative works from this content. Further, I (we) agree not to reverse engineer or reverse compile any of the service technology, including but not limited to, any Java applets associated with the service.

Content You Provide. I (we) are licensing to AFS and/or CB&T ("Company") and its service providers ("Service Provider") any information, data, materials or other content (collectively, "Content") I (we) provide through or to the service. Company and Service Provider may use, modify, display, distribute and create new material using such Content to provide the service to you. By submitting Content, I (we) automatically agree, or promise that the owner of such Content has expressly agreed that, without any particular time limit, and without the payment of any fees, Company and Service Provider may use the Content for the purposes set out above. I (we) agree that, as between Company and Service Provider, Company owns your confidential account information.

Third Party Accounts. By using the service, I (we) authorize Company and Service Provider to access third party sites designated by Company, on my (our) behalf, to retrieve information requested by me (us), and to register for accounts requested by me (us). For all purposes hereof, I (we) hereby grant Company and Service Provider a limited power of attorney, and I (we) hereby appoint Company and Service Provider as my (our) true and lawful attorney-infact and agent, with full power of substitution and re-substitution, for me (us) and in my (our) name, place and stead, in any and all capacities, to access third party internet sites, servers or documents, retrieve information, and use your information, all as described above, with the full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection with such activities, as fully to all intents and purposes as you might or could do in person. I (WE) ACKNOWLEDGE AND AGREE THAT WHEN COMPANY OR SERVICE PRÓVIDER ACCESSES AND RETRIEVES INFORMATION FROM THIRD PARTY SITES, COMPANY AND SERVICE PROVIDER ARE ACTING AS MY (OUR) AGENT, AND NOT THE AGENT OR ON BEHALF OF THE THIRD PARTY. I (we) agree that third party account providers shall be entitled to rely on the foregoing authorization, agency and power of attorney granted by me (us). I (we) understand and agree that the service is not endorsed or sponsored by any third party account providers accessible through the service

DISCLAIMER OF WARRANTIES. I (WE) EXPRESSLY UNDERSTAND AND AGREE THAT: MY (OUR) USE OF THE SERVICE AND ALL INFORMATION PRODUCTS AND OTHER CONTENT (INCLUDING THAT OF THIRD PARTIES) INCLUDED IN OR ACCESSIBLE FROM THE SERVICE IS AT MY (OUR) SOLE RISK. THE SERVICE IS PROVIDED ON AN "AS IS" AND "AS AVAILABLE" BASIS. COMPANY AND SERVICE PROVIDER EXPRESSLY DISCLAIM ALL WARRANTIES OF ANY KIND AS TO THE SERVICE AND ALL INFORMATION PRODUCTS AND OTHER CONTENT (INCLUDING THAT OF THIRD PARTIES) INCLUDED IN OR ACCESSIBLE FROM THE SERVICE, WHETHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. COMPANY AND SERVICE PROVIDER MAKE NO WARRANTY THAT (i) THE SERVICE WILL MEET MY (OUR) REQUIREMENTS, (ii) THE SERVICE WILL BE UNINTERRUPTED, TIMELY, SECURE, OR ERROR-FREE, (iii) THE RESULTS THAT MAY BE OBTAINED FROM THE USE OF THE SERVICE WILL BE ACCURATE OR RELIABLE (iv) THE QUALITY OF ANY PRODUCTS, SERVICES, INFORMATION, OR OTHER MATERIAL PURCHASED OR OBTAINED BY ME (US) THROUGH THE SERVICE WILL MEET MY (OUR) EXPECTATIONS, OR (v) ANY ERRORS IN THE TECHNOLOGY WILL BE CORRECTED. ANY MATERIAL DOWNLOADED OR OTHERWISE OBTAINED THROUGH THE USE OF THE SERVICE IS DONE AT MY (OUR) OWN DISCRETION AND RISK AND I (WE) ARE SOLELY RESPONSIBLE FOR ANY DAMAGE TO MY (OUR) COMPUTER SYSTEM OR LOSS OF DATA THAT RESULTS FROM THE DOWNLOAD OF ANY SUCH MATERIAL. NO ADVICE OR INFORMATION, WHETHER ORAL OR WRITTEN, OBTAINED BY ME (US) FROM COMPANY OR SERVICE PROVIDER THROUGH OR FRÒM THE SERVICE WILL CREATE ANY WARRANTY NOT EXPRESSLY STATED IN THESE TERMS.

LIMITATION OF LIABILITY. I (WE) AGREE THAT NEITHER COMPANY, ITS INVESTMENT MANAGER, OR SERVICE PROVIDER NOR ANY OF THEIR EMPLOYEES, OFFICERS, TRUSTEES, DIRECTORS, AFFILIATES, ACCOUNT PROVIDERS OR ANY OF THEIR AFFILIATES WILL BE LIABLE FOR ANY HARMS, WHICH LAWYERS AND COURTS OFTEN CALL DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, GOODWILL, USE, DATA OR OTHER INTANGIBLE LOSSES, EVEN IF COMPANY OR SERVICE PROVIDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, RESULTING FROM: (i) THE USE OR THE INABILITY TO USE THE SERVICE; (ii) THE COST OF GETTING SUBSTITUTE GOODS AND SERVICES, (iii) ANY PRODUCTS, DATA, INFORMATION OR SERVICES PURCHASED OR OBTAINED OR MESSAGES RECEIVED OR TRANSACTIONS ENTERED INTO, THROUGH OR FROM THE SERVICE; (iv) UNAUTHORIZED ACCESS TO OR ALTERATION OF YOUR TRANSMISSIONS OR DATA; (v) STATEMENTS OR CONDUCT OF ANYONE ON THE SERVICE; (vi) THE USE, INABILITY TO USE, UNAUTHORIZED USE, PERFORMANCE OR NON-PERFORMANCE OF ANY THIRD PARTY ACCOUNT PROVIDER SITE, EVEN IF THE PROVIDER HAS BEEN ADVISED PREVIOUSLY OF THE POSSIBILITY OF SUCH DAMAGES; OR (vii) ANY OTHER MATTER RELATING TO THE SERVICE.

Indemnification. I (we) agree to protect and fully compensate Company, its investment manager, and Service Provider and their employees, officers, trustees, directors, and affiliates from any and all third party claims, liability, damages, expenses and costs (including, but not limited to, reasonable fees) caused by or arising from my (our) use of the service, my (our) violation of these terms or my (our) infringement, or infringement by any other user of my (our) account, of any intellectual property or other right of anyone. I (we) agree that the Company's investment manager and Service Provider are each a third party beneficiary of the above provisions, with all rights to enforce such provisions as if the investment manager or Service Provider were a party to this Agreement.