

TIAA BROKERAGE TRUSTEE CERTIFICATION OF INVESTMENT POWERS

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Please complete the Trustee Certification of Investment Powers (TCIP) to declare or update the account on the powers of the Trust. Form needs to be completed in its entirety and signed by all Trustees.

Questions? Please call 800-927-3059, Monday - Friday, 8 a.m. - 7 p.m. (ET).

STEP 1: BROKERAGE ACCOUNT INFORMATION

Brokerage Account Number (Leave blank if new account)	Brokerage Account Registration/Name of Trust			
Social Security Number/		Amendment		
Taxpayer Identification Number	Effective Date of Trust (mm/dd/yyyy)	Date of Trust (mm/dd/yyyy)		
Trust Type (Select One)				
Revocable Charitable Family Irrevocable Irrevocable Living Living Testamentary				

STEP 2: THE POWERS OF THE TRUST

The Trustees authorize TIAA Brokerage to open and maintain this trust account to accept order and other instructions relating to the Trust account from the Trustees. The Trustees represent, warrant and certify that they have the full authority under the Trust to buy, sell, exchange, convert, tender, redeem and withdraw assets, including the delivery of assets to and from the Trust account and to third parties.

The Trustees certify that either (1) the Trust explicitly authorizes each of the Trustees to act individually without the consent of the other Trustees; or (2) the Trustees have consented to each Trustee acting individually and without the consent of the other Trustees and that such delegation of authority is expressly authorized by the Trust. The Trustees agree that any notice sent to one Trustee will constitute as a notice to all Trustees. TIAA Brokerage may require, at its sole discretion, a written approval of all Trustees before executing any instructions.

The Trustees certify that there are no other current Trustees of the Trust other than the undersigned. If only one Trustee's signature is represented, then the signer is the sole acting Trustee. The Trustees certify that the Trust is valid, and in full force, and has not been revoked, modified or amended since the date of this certification.

In addition to the foregoing powers, the undersigned Trustees are specifically authorized to: (Choose only applicable Investment Powers) To add features such as margin, check writing, or add a POA, please complete and send in the applicable form.

Open a Margin Account, where funds are loaned to purchase securities and the loan is collateralized by all securities in the account.

Open a Cash Solutions Account, including checkwriting and/or debit card feature.

Delegate limited or full trading authority to an appointed agent.

Delegate investment discretion or retain investment services of an outside professional such as a RIA, Money Manager or Accountant.

Transact in the purchase of call options.

Transact in covered call writing.

Transact in the purchase of put options.

Transact in writing puts.



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STEP 3: TRUSTEE SIGNATURES (PLEASE READ AND SIGN BELOW)

We, the undersigned Trustees, jointly and severally indemnify TIAA-CREF Individual & Institutional Services, LLC (TIAA Brokerage) and Pershing LLC, and agree to hold TIAA Brokerage and Pershing LLC harmless from any liability (including attorneys' fees) arising out of or related to any actual improper or unsuitable actions resulting from instructions given to TIAA Brokerage by us. This indemnification is made by us both in our capacities as Trustees and in our individual capacities. We agree to inform TIAA Brokerage in writing of any amendment to the Trust, any change in the composition of the Trustees, or any other event which could alter the certifications made above. The undersigned Trustees acknowledge that TIAA Brokerage will neither review nor interpret the Trust Document and that TIAA Brokerage relies solely on the information provided in this Trustee Certification of Investment Powers (TCIP) to open this Trust account. We acknowledge TIAA Brokerage's right to examine the Trust Agreement and agree to provide a copy of the Trust Agreement if requested. (Where applicable, plural references in this certification shall be deemed singular.)

Your Signature (Trustee)	Print Name and Title (if applicable)	Today's Date (mm/dd/yyyy)
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Your Signature (Trustee)	Print Name and Title (if applicable)	Today's Date (mm/dd/yyyy)

RETURN COMPLETED FORM(S)

Upload your documents easily from your mobile device or computer.

Use the TIAA mobile app to quickly upload your completed documents. It's as simple as taking a picture:

- Tap the Message Center icon in the upper-right corner of your main screen.
- Select the Files header and tap Upload. That's it!

Haven't downloaded the TIAA mobile app? Get it today in the App Store or Google Play.

Don't have a smartphone? It's still easy. From your personal computer, here's what you'll need to do:

- Log in to your TIAA.org account and select the Actions tab.
- Choose Upload documents from the options presented.
- Select Upload Files and follow the step-by-step instructions.

Faxing a document or using standard or overnight mail are also available, but can take more time. If you prefer one of these methods, use the information provided below to complete the process.

FAX: 800-914-8922 (within U.S.)

STANDARD MAIL:

TIAA P.O. Box 1280 Charlotte, NC 28201-1280 OVERNIGHT: TIAA 8500 Andrew Carnegie Blvd. Charlotte, NC 28262

