OPEN YOUR RETIREMENT ACCOUNT

NEED HELP?
Call 800 842-2252
Monday to Friday from 8 a.m. to 10 p.m., and Saturday from 9 a.m. to 6 p.m. (ET) or visit tiaa.org.

¿HABLA ESPAÑOL?*
Llame al 800 842-2252 y marque 9 si desea atención en español, de lunes a viernes de 8:00 a 22:00 hrs. y sábados de 9:00 a 18:00 hrs. (hora del Este).
Go to www.tiaa.org/guide to view a web tutorial that will walk you through the decision-making process.

FILL OUT YOUR ENROLLMENT FORM

STEP 1
CHOOSE YOUR INVESTMENTS
Select from the list of investment choices available under your employer’s plan. Please review the prospectuses for the investment choices before making your selections. See next page for how to access the prospectuses.

STEP 2
TELL US ABOUT YOURSELF
Provide basic information to establish your account.

STEP 3
LIST ANY EXISTING CONTRACTS
See instructions to determine if applicable.

STEP 4
NAME YOUR BENEFICIARIES

SPOUSAL WAIVER (IF APPLICABLE)
This section may or may not appear on your form, depending on the provisions of your employer’s plan. If it does appear on your form, and if you are married and name someone other than your spouse as beneficiary for more than 50% of the death benefit, your spouse will need to complete and sign this section.

STEP 5
SIGN YOUR FORM
If you need to make a change please initial and date next to the correction.

RETURN YOUR COMPLETED FORM
Return your completed form to your employer’s HR/Benefits office. You may need to complete a salary deferral agreement with your employer.

IMPORTANT INFORMATION
Whenever a new account is opened, federal law requires all financial institutions to help the government fight the funding of terrorism and prevent money laundering activities by obtaining, verifying and recording information that identifies each person who opens an account. For this reason, we request your name, physical address (a P.O. Box alone is insufficient), date of birth, Social Security number (or taxpayer identification number), telephone number and other information that will allow us to identify you. Without this information, we may not be able to open an account or process any transactions for you. State regulations require that you provide information on any existing annuity or life insurance contracts that would be replaced by the TIAA account for which you are applying. If your new TIAA account is going to replace more than one existing contract, please include that information. FOR EMPLOYEES APPLYING FOR A GROUP SUPPLEMENTAL RETIREMENT ANNUITY CERTIFICATE FOR AN EMPLOYER LOCATED IN THE STATE OF ARIZONA: 30-Day Right to Examine Your Group Certificate. TIAA is required, upon written request, to provide you, within a reasonable time, reasonable factual information regarding the benefits and provisions of the group annuity certificate. You have 30 days from the day you receive the group certificate to examine it and to cancel it if you decide not to keep it. To cancel the group certificate, return it to us at the address shown below. Upon receipt of such request, TIAA will refund all premiums allocated to the Traditional Annuity plus the current accumulated value of all premiums allocated to the variable annuity accounts, plus any expense charges or premium taxes deducted from premiums. The group certificate will be void as of the date of issue and no benefits will be provided.

*Todos los contratos están redactados en inglés. Al hacer cualquier trato con nosotros, usted declara comprender nuestros documentos si los lee en inglés o que cuenta con algún asesor de su confianza que se los interprete. All contract documents are in English. When you do business with us, you represent that you can read and understand our English documents or have your own trusted advisor who can interpret them for you.

You should consider the investment objectives, risks, charges and expenses carefully before investing. Please call 877 518-9161 or log on to tiaa.org for paper copies of the product and fund prospectuses that contain this and other information. Please read the prospectus carefully before investing. To have copies of paper prospectuses sent to you at no charge, please call TIAA at 877 518-9161. TIAA-CREF Individual & Institutional Services, LLC and Teachers Personal Investors Services, Inc. distribute securities products. TIAA (Teachers Insurance and Annuity Association of America) and CREF (College Retirement Equities Fund), 730 Third Avenue, New York, NY 10017 issues annuities.

©2016 Teachers Insurance and Annuity Association of America-College Retirement Equities Fund (TIAA-CREF).
TWO EASY WAYS TO PICK YOUR INVESTMENTS

OPTION A: One-Step Investing
This option is designed for investors who want to keep it simple — by choosing a single lifecycle fund to help meet all of their retirement needs. It’s a convenient, low-maintenance way to have your retirement investments professionally managed for you — to and through retirement. All you need to do is pick a single lifecycle fund.

Lifecycle funds have names that match specific investment time horizons — the year an investor expects to retire. So all you need to do is choose the Lifecycle investment with the name that most closely matches when you think that will be.

OPTION B: Pick Your Own Investment Mix
This option is designed for investors who want to research and evaluate their investment choices and then create their own portfolios. We can give you a head start, by providing some examples of model portfolios that include a mix of different asset classes and represent different levels of tolerance. We can also help you determine how much risk you’re comfortable taking as a long-term investor.

Before making your investment choices and completing your enrollment form, please read the prospectuses and plan and investment-related information, including plan fees and expenses and current investment performance. To view the prospectuses online, go to TIAA.org/PRO and enter your Prospectus Access Code: 102241. If you prefer, you can obtain paper copies of the product and fund prospectuses by calling 877-518-9161. Please note that on your enrollment form, you will be asked to confirm that you have received and accessed the relevant prospectus(es) for your investment choices. Please read the prospectuses carefully before investing.

OPTION A: One-Step Investing
Pick the lifecycle fund that’s closest to the year you plan to retire. All of your contributions will go into the fund you pick.

<table>
<thead>
<tr>
<th>Investment</th>
<th>Type</th>
<th>Ticker Symbol</th>
<th>Share Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanguard Institutional Target Retirement 2015 Fund</td>
<td>Mutual Fund</td>
<td>VITVX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2020 Fund</td>
<td>Mutual Fund</td>
<td>VITWX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2025 Fund</td>
<td>Mutual Fund</td>
<td>VRIWX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2030 Fund</td>
<td>Mutual Fund</td>
<td>VITWX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2035 Fund</td>
<td>Mutual Fund</td>
<td>VITFX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2040 Fund</td>
<td>Mutual Fund</td>
<td>VIRSX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2045 Fund</td>
<td>Mutual Fund</td>
<td>VITLX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2050 Fund</td>
<td>Mutual Fund</td>
<td>VITRLX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2055 Fund</td>
<td>Mutual Fund</td>
<td>VIVLX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2060 Fund</td>
<td>Mutual Fund</td>
<td>VILVX</td>
<td>Institutional</td>
</tr>
</tbody>
</table>

CONTINUED ON NEXT PAGE
### OPTION A: One Step Investing (continued)

<table>
<thead>
<tr>
<th>Investment</th>
<th>Type</th>
<th>Ticker Symbol</th>
<th>Share Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanguard Institutional Target Retirement Income Fund</td>
<td>Mutual Fund</td>
<td>VITRX</td>
<td>Institutional</td>
</tr>
</tbody>
</table>

### OPTION B: Pick Your Own Investments

Pick your own investments to build a diversified mix that's right for you. Please use only whole numbers and make sure your total allocation equals 100%. **HELPFUL TOOL:** Visit [TIAA.org/calcs](https://TIAA.org/calcs) to use our Asset Allocation Evaluator to help you create an allocation.

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Investment</th>
<th>Type</th>
<th>Ticker Symbol</th>
<th>Share Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQUITIES</td>
<td>% CREF Stock Account</td>
<td>Variable Annuity</td>
<td>QCSTIX</td>
<td>R3</td>
</tr>
<tr>
<td></td>
<td>% Vanguard Institutional Index Fund</td>
<td>Mutual Fund</td>
<td>VINIX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>% Vanguard Mid-Cap Index Fund</td>
<td>Mutual Fund</td>
<td>VMCIX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>% Vanguard Small-Cap Index Fund</td>
<td>Mutual Fund</td>
<td>VSCIX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>% Vanguard Total International Stock Index Fund</td>
<td>Mutual Fund</td>
<td>VTSNX</td>
<td>Institutional</td>
</tr>
<tr>
<td>REAL ESTATE</td>
<td>% TIAA Real Estate Account</td>
<td>Variable Annuity</td>
<td>QREARX</td>
<td>N/A</td>
</tr>
<tr>
<td>FIXED INCOME</td>
<td>% Vanguard Total Bond Market Index Fund</td>
<td>Mutual Fund</td>
<td>VBTIX</td>
<td>Institutional</td>
</tr>
<tr>
<td>MONEY MARKET</td>
<td>% CREF Money Market Account</td>
<td>Variable Annuity</td>
<td>QCMMIX</td>
<td>R3</td>
</tr>
<tr>
<td>GUARANTEED</td>
<td>% TIAA Traditional Annuity</td>
<td>Guaranteed Annuity</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

CONTINUED ON NEXT PAGE
## OPTION B: Pick Your Own Investments (continued)

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Investment</th>
<th>Type</th>
<th>Ticker Symbol</th>
<th>Share Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CREF Social Choice Account</td>
<td>Variable Annuity</td>
<td>QCSCIX</td>
<td>R3</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2015 Fund</td>
<td>Mutual Fund</td>
<td>VITVX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2020 Fund</td>
<td>Mutual Fund</td>
<td>VITWX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2025 Fund</td>
<td>Mutual Fund</td>
<td>V RivX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2030 Fund</td>
<td>Mutual Fund</td>
<td>VITWX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2035 Fund</td>
<td>Mutual Fund</td>
<td>VITFX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2040 Fund</td>
<td>Mutual Fund</td>
<td>VIRSX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2045 Fund</td>
<td>Mutual Fund</td>
<td>VITLX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2050 Fund</td>
<td>Mutual Fund</td>
<td>VTRLX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2055 Fund</td>
<td>Mutual Fund</td>
<td>VIVLX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement 2060 Fund</td>
<td>Mutual Fund</td>
<td>VILVX</td>
<td>Institutional</td>
</tr>
<tr>
<td></td>
<td>Vanguard Institutional Target Retirement Income Fund</td>
<td>Mutual Fund</td>
<td>VITRX</td>
<td>Institutional</td>
</tr>
</tbody>
</table>

1 0 0 % TOTAL
TELL US ABOUT YOURSELF

Title
First Name
Middle Name
Last Name
Social Security or Tax ID Number
Gender
Birth Date (mm/dd/yyyy)
Your Spouse's Name
E-mail Address
Daytime Phone
Evening Phone

Residential Address (No PO Boxes please.)
Address
City
State
Zip Code
Country

Mailing Address (If different from your residential address.)
Address
City
State
Zip Code
Country

Employment Information
Employer
Campus/Branch
Plan ID

Important Information
Please be sure to provide instructions on how to allocate your contributions to the investments offered under the retirement plan on the “Choose Your Allocation” form. If your asset allocation is missing or incomplete in any way, your contributions will be automatically invested in accordance with the plan’s Qualified Default Investment Alternatives or otherwise applicable default investment, which can be located in the plan’s Summary Plan Description available from your employer.
LIST ANY EXISTING CONTRACTS /CERTIFICATES (IF APPLICABLE)

Do you own any annuity contracts /certificates or life insurance policies?

[ ] Yes  [ ] No

Does this enrollment replace, discontinue or change an existing annuity contract /certificate or life insurance policy?

- [ ] If yes, provide contract /certificate number and company name below.
- [ ] If no, skip this step and proceed to ‘Name Your Beneficiaries’.

Contract /Certificate Number

Company Name

NAME YOUR BENEFICIARIES

Primary Beneficiaries

Name (Title, First Name, Middle Name, Last Name)

Percentage  Social Security or Tax ID Number  Birth Date (mm/dd/yyyy)

Relationship

Name (Title, First Name, Middle Name, Last Name)

Percentage  Social Security or Tax ID Number  Birth Date (mm/dd/yyyy)

Relationship

CONTINUED ON NEXT PAGE
**DEFINITION:** Contingent beneficiaries are individuals who are entitled to receive the benefits of your plan if the primary beneficiary(ies) die(s) before you.

To choose more than two primary or contingent beneficiaries, include an additional page with your name, Social Security or Tax ID number, and the information for the additional beneficiaries.

### Contingent Beneficiaries

<table>
<thead>
<tr>
<th>Name (Title, First Name, Middle Name, Last Name)</th>
<th>Percentage</th>
<th>Social Security or Tax ID Number</th>
<th>Birth Date (mm/dd/yyyy)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Relationship</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name (Title, First Name, Middle Name, Last Name)</th>
<th>Percentage</th>
<th>Social Security or Tax ID Number</th>
<th>Birth Date (mm/dd/yyyy)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Relationship</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SIGN YOUR FORM

If your employer's plan contains a vesting requirement, your employer exercises all rights to your accumulations under the TIAA and CREF annuities until you become vested under the plan. If your employer's plan does not contain a vesting requirement or if you have met the vesting requirement of your employer's plan, you exercise these rights yourself. All contributions must be remitted under the terms of your employer's plan. Under federal law, distributions before age 59½ or before termination of employment may be prohibited, limited, and/or subject to substantial tax penalties. The TIAA and CREF certificates cannot be assigned. Your ability to take loans and make transfers and withdrawals may be limited by the terms of your employer's plan. Otherwise, you may transfer among any of the available annuity accounts. Loans are only available from the TIAA Traditional Annuity. Cash withdrawals and transfers from the TIAA Traditional Annuity are not currently subject to a surrender charge. If such a charge is imposed in the future, you would receive three months' advance notice, and the charge would only apply to subsequently remitted premiums including any amounts transferred from the CREF accounts and the TIAA Variable Annuity Separate accounts after the charge is imposed. The amount and value of any accumulation units transferred from any account within a TIAA Variable Annuity Separate account may be affected by redemption charges imposed by the investments in which the account invests.

PROSPECTUS AND OTHER DOCUMENTS ACKNOWLEDGMENT

Please check the box below acknowledging your receipt of the following documents:
- Prospectuses for the investment options available to you
- TIAA Business Continuity Policy
- TIAA Privacy Policy
- Intermediary Frequent Trading Policy

Please check the box below to acknowledge electronic receipt of prospectuses and other required documents.

I acknowledge that I consent to receiving and have received the above-referenced documents for my plan by means of either the TIAA website (tiaa.org), the website from which this form was downloaded, a CD accompanying my enrollment form, or at the special web address www.tiaa.org/PRO using the Prospectus Access Code provided in my enrollment materials. I further acknowledge that I am able to access these documents via one of these sources. I understand that this acknowledgment applies only to this initial enrollment.

To select this acknowledgment and consent, you must have access to the websites noted above or a computer with a CD drive and Internet access. In either case, you must also be able to download, view and print the documents. You will need Adobe Reader to view and print electronic PDF documents. If you don’t have Adobe Reader, go to www.adobe.com to download a free copy. To request assistance with accessing these documents electronically, please contact us toll-free at 800 842-2252. You understand and acknowledge that accessing documents electronically may involve additional costs, including but not limited to, subscription access fees from an Internet service provider and printing costs.

Paper versions of the above documents can be ordered free of charge, both now and in the future, by calling toll-free 877 518-9161 or go to tiaa.org. If you are unable to acknowledge that you have received and accessed these documents on the website or CD, please call 877 518-9161 for paper prospectuses at no charge.

Note: Unless indicated above, I acknowledge that I have received paper copies of the above-referenced documents.

Under penalties of perjury, you certify that the taxpayer identification number shown on this form is your correct Social Security number. The Internal Revenue Service does not require your consent to any provision of this document.

I have read and acknowledge all provisions of this form.

The accumulations in and benefit payments from the CREF accounts and the TIAA Variable Annuity Separate accounts are variable and not guaranteed as to fixed dollar amounts; they depend on the investment performance of these accounts.

Please sign in only black or dark blue ink.

Signature

Date (mm/dd/yyyy)
FOR TIAA AGENT USE, IF APPLICABLE

Agent Name (Title, First Name, Middle Name, Last Name)

Agent CRD Number

Replacement requirements:

☐ Exempt  ☐ Subject to Replacement Requirements

To the best of my knowledge and belief, the applicant owns existing life insurance policies or annuity contracts.

☐ Yes  ☐ No

To the best of my knowledge and belief, the applicant is replacing, discontinuing, or changing existing life insurance policies or annuity contracts.

☐ Yes  ☐ No

For contracts to be issued in North Carolina

☐ I did not record the applicant’s information on the enrollment form. The information on the enrollment form was recorded by the applicant.

☐ I recorded the information on the enrollment form and certify that the information I recorded completely and accurately represents the information provided by the applicant.

Agent Signature (Title, First Name, Middle Name, Last Name)

Date (mm/dd/yyyy)