ENROLLMENT INSTRUCTIONS

OPEN YOUR RETIREMENT ACCOUNT

NEED HELP?
Call 800 TIAA-CREF
(800 842-2273)
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 cref 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 tiaa cref 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 selec-
tions. 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

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 deferralagreement 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-CREF account for which you are applying. If your new TIAA-CREF account is going to replace more than
one existing contract, please include that information.

*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 cref 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-CREF 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.

©2013 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. To find out how to pick your own investment mix, go step by step, through the How to Pick the Right Investments booklet.

Before making your investment choices and completing your enrollment form, please read the prospectuses for the investments you are interested in. To view the prospectuses online, go to tiaa-cref.org/PRO and enter your Prospectus Access Code: 102240. 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 prospectuses for your investment choices.

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>Investment #</th>
<th>Ticker Symbol</th>
<th>Share Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanguard Institutional Target Retirement 2010 Fund</td>
<td>Mutual Fund</td>
<td>3768</td>
<td>VIRTX</td>
<td>Institutional</td>
</tr>
<tr>
<td>Vanguard Institutional Target Retirement 2015 Fund</td>
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<td>VITVX</td>
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</tr>
<tr>
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<td>Institutional</td>
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<td>Institutional</td>
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<tr>
<td>Vanguard Institutional Target Retirement 2035 Fund</td>
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<td>VITFX</td>
<td>Institutional</td>
</tr>
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<td>Vanguard Institutional Target Retirement 2040 Fund</td>
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<td>ViRSX</td>
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<tr>
<td>Vanguard Institutional Target Retirement 2045 Fund</td>
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<td>3775</td>
<td>VITLX</td>
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### OPTION A: One Step Investing (continued)

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<th>Type</th>
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<th>Share Class</th>
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</tr>
<tr>
<td>Vanguard Institutional Target Retirement Income Fund</td>
<td>Mutual Fund</td>
<td>3767</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-cref.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>Investment #</th>
<th>Ticker Symbol</th>
<th>Share Class</th>
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<td>CREF Stock Account</td>
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<td>QCSTIX</td>
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<td>%</td>
<td>Vanguard Institutional Index Fund</td>
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<td>VINIX</td>
<td>Institutional</td>
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<tr>
<td>%</td>
<td>Vanguard Mid-Cap Index Fund</td>
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<td>Institutional</td>
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<tr>
<td>%</td>
<td>Vanguard Small-Cap Index Fund</td>
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<td>VSCIX</td>
<td>Institutional</td>
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<tr>
<td>%</td>
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<td>Mutual Fund</td>
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<td>VTSNX</td>
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<td></td>
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<td>Variable Annuity</td>
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<td>QREARX</td>
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<td>VBTIX</td>
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<tr>
<td>%</td>
<td>CREF Money Market Account</td>
<td>Variable Annuity</td>
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<td>QCMMIX</td>
<td>R3</td>
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<tr>
<td>%</td>
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<td>N/A</td>
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### TOTAL

<table>
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<tr>
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<th>100%</th>
</tr>
</thead>
</table>

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TELL US ABOUT YOURSELF

Title

First Name

Middle Name

Last Name

Social Security or Tax ID Number

Gender

Male

Female

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

Your Investment Allocation

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.
Regulations require that we ask if you are replacing an existing annuity contract/certificate or life insurance policy with this enrollment.

**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’.

<table>
<thead>
<tr>
<th>Contract /Certificate Number</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

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

WAIVER OF SPOUSE’S RIGHT TO PRERETIREMENT DEATH BENEFITS (IF APPLICABLE)

PLEASE NOTE: If you’re married and you name a person or entity other than your spouse as primary beneficiary for more than 50% of the death benefit or the percent specified by your employer plan, then your spouse must properly consent to waive his/her preretirement survivor death benefit under your employer plan and/or ERISA in order to put your nonspousal beneficiary designation into effect. Generally, waiving spousal rights is available if you are age 35 or older. If you're under age 35 and wish to designate someone other than your spouse as beneficiary, please contact your benefits office.

CONSENT BY SPOUSE (MUST BE WITNESSED)

I am voluntarily and irrevocably giving up my right to a qualified preretirement survivor death benefit. I recognize that any preretirement death benefit payable under these annuities under my spouse's employer plan will be paid to the beneficiaries as described in this form.

Signature of Spouse

Date (mm/dd/yyyy)

Social Security or Tax ID Number

Birth Date (mm/dd/yyyy)

Signature of Notary Public or Plan Representative

Date (mm/dd/yyyy)
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.

The TIAA and CREF annuity certificates do not provide for loans and cannot be assigned. Under federal law, distributions before age 59 1/2 or before termination of employment may be prohibited, limited, and/or subject to substantial tax penalties. Your ability to make withdrawals and transfers from the TIAA and CREF annuity certificates may be limited by the terms of your employer’s retirement plan. Within 120 days after the later of termination of employment or specific date stipulated by your employer’s plan, withdrawals and transfers are available from the TIAA Traditional Annuity in a lump sum. Such withdrawals and transfers are subject to a surrender charge. At all other times, withdrawals and transfers from the TIAA Traditional Annuity must be spread over a ten-year period (five years for withdrawals after termination of employment). 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.

Under your employer’s plan, your spouse has the right to a death benefit. If the plan is subject to ERISA, your spouse is entitled to at least 50% of the death benefit specified by the plan. If the plan is not subject to ERISA, your spouse is entitled to the percentage stipulated by the plan. Your spouse must consent to any beneficiary designation that doesn’t meet this requirement by completing the “Waiver of Spouse’s Right to Preretirement Death Benefits.”

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-CREF Business Continuity Policy
- TIAA-CREF 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-CREF website (tiaa-cref.org), the website from which this form was downloaded, a CD accompanying my enrollment form, or at the special web address tiaa-cref.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 either 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 800 842-2273. 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-cref.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)
FRAUD WARNING

Any person who knowingly and with intent to defraud any insurance company or other person files an application for insurance or statement of claim containing any materially false information or conceals for the purpose of misleading, any information concerning any fact material thereto commits a fraudulent insurance act, which is a crime and subjects such person to criminal and civil penalties.

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)