Quarterly Investment Update

VA PRIVATE COLLEGES 403(B) MEP - FERRUM COLLEGE

Investment Performance as of 3/31/2024

The performance data quoted represents past performance, and is no guarantee of future results. Your returns and the principal value of your investment will fluctuate so that your mutual fund shares and annuity account accumulation units, and shares or units of the investment vehicles in your model-based accounts, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance quoted. The net asset values used to calculate the hypothetical account performance for model-based accounts are compiled using values for underlying funds as of the prior business day and current business day for fixed annuities. For performance current to the most recent month-end, call 800-842-2252 or visit TIAA.org/planinvestmentoptions and enter your plan ID. Performance may reflect waivers or reimbursements of certain expenses. Absent these waivers or reimbursement arrangements, performance results would have been lower. Since Inception performance shown is cumulative for periods less than one year.

			Total Returns		Average Annual Total Returns				Total Annual Operating Expenses (%/Per $1000)			
Equities - Mutual Fund	Morningstar Category	Inception Date	3 Month	YTD	1 Year	3 Year	5 Year	10 Year/ Since Inception	Gross	Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
American Century Mid Cap Value Fund R6 Class (AMDVX)[1,2,3]	Mid-Cap Value	07/26/13	4.85%	4.85%	10.24%	6.74%	9.69%	9.17%	0.63% $6.30	0.63% $6.30	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell Mid Cap Value TR USD			8.23%	8.23%	20.40%	6.80%	9.94%	8.57%				
American Funds EuroPacific Growth Fund Class R-6 (RERGX)[1,4,5]	Foreign Large Growth	05/01/09	7.44%	7.44%	13.49%	-0.16%	6.91%	5.58%	0.47% $4.70	0.47% $4.70	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: MSCI ACWI Ex USA NR USD			4.69%	4.69%	13.26%	1.94%	5.97%	4.25%				
Artisan Small Cap Fund Institutional Shares (APHSX)[1,3,4]	Small Growth	05/07/12	9.48%	9.48%	11.42%	-6.60%	7.35%	9.23%	1.00% $10.00	1.00% $10.00	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell 2000 TR USD			5.18%	5.18%	19.71%	-0.10%	8.10%	7.58%				

Investment products, insurance and annuity products and investments based on Models: are not FDIC insured, are not bank guaranteed, are not deposits, are not insured by any federal government agency, are not a condition to any banking service or activity, and may lose value.

Equities - Mutual Fund	Morningstar Category	Inception Date	Total Returns: 3 Month	Total Returns: YTD	Average Annual Total Returns: 1 Year	Average Annual Total Returns: 3 Year	Average Annual Total Returns: 5 Year	Average Annual Total Returns: 10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000): Gross	Total Annual Operating Expenses (%/Per $1000): Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
Cohen & Steers Real Estate Securities Fund, Inc. Class Z (CSZIX)[1,6]	Real Estate	10/01/14	-0.46%	-0.46%	9.85%	3.07%	5.57%	8.34%	0.75% $7.50	0.75% $7.50	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: FTSE Nareit All Equity REITs TR USD			-1.30%	-1.30%	8.02%	2.47%	3.96%	6.82%				
Delaware Ivy Mid Cap Growth Fund Class R6 (IGRFX)[1,3,4,7]	Mid-Cap Growth	07/31/14	7.12%	7.12%	15.82%	0.94%	12.27%	12.04%	0.83% $8.30	0.69% $6.90	07/30/24	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell Mid Cap Growth TR USD			9.50%	9.50%	26.28%	4.62%	11.82%	11.62%				
DFA Emerging Markets Core Equity Portfolio Institutional Class (DFCEX)[1,8]	Diversified Emerging Mkts	04/05/05	2.38%	2.38%	11.94%	-0.23%	4.93%	4.18%	0.39% $3.90	0.39% $3.90	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: MSCI Emerging Markets NR USD			2.37%	2.37%	8.15%	-5.05%	2.22%	2.95%				
MFS Growth Fund Class R6 (MFEKX)[1,4,7]	Large Growth	08/26/11	16.23%	16.23%	42.99%	10.39%	15.80%	14.77%	0.52% $5.20	0.51% $5.10	03/31/25	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell 1000 Growth TR USD			11.41%	11.41%	39.00%	12.50%	18.52%	15.98%				
MFS New Discovery Value Fund Class R6 (NDVVX)[1,2,3,7]	Small Value	07/02/12	4.00%	4.00%	14.94%	5.72%	10.79%	9.39%	0.85% $8.50	0.84% $8.40	06/30/24	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell 2000 Value TR USD			2.90%	2.90%	18.75%	2.22%	8.17%	6.87%				
Putnam Large Cap Value Fund Class R6 (PEQSX)[1,2]	Large Value	07/02/12	12.64%	12.64%	28.05%	13.20%	14.85%	11.54%	0.55% $5.50	0.55% $5.50	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell 1000 Value TR USD			8.99%	8.99%	20.27%	8.11%	10.32%	9.01%				
Putnam Small Cap Growth Fund Class R6 (PLKGX)[1,3,4]	Small Growth	06/29/15	16.10%	16.10%	33.78%	4.70%	15.14%	12.60%	0.85% $8.50	0.85% $8.50	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Russell 2000 Growth TR USD			7.58%	7.58%	20.35%	-2.68%	7.38%	7.55%				
Vanguard Total International Stock Index Fund Institutional Shares (VTSNX)[1,5,9]	Foreign Large Blend	11/29/10	4.32%	4.32%	13.00%	1.91%	6.19%	4.48%	0.09% $0.90	0.09% $0.90	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: MSCI ACWI Ex USA NR USD			4.69%	4.69%	13.26%	1.94%	5.97%	4.25%				
Vanguard Total Stock Market Index Fund Institutional Plus Shares (VSMPX)[1]	Large Blend	04/28/15	10.01%	10.01%	29.38%	9.65%	14.27%	12.15%	0.02% $0.20	0.02% $0.20	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: CRSP US Total Market TR USD			10.01%	10.01%	29.33%	9.64%	14.25%	12.14%				

Fixed Income - Mutual Fund	Morningstar Category	Inception Date	Total Returns: 3 Month	Total Returns: YTD	Average Annual Total Returns: 1 Year	Average Annual Total Returns: 3 Year	Average Annual Total Returns: 5 Year	Average Annual Total Returns: 10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000): Gross	Total Annual Operating Expenses (%/Per $1000): Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
Baird Core Plus Bond Fund Class Institutional (BCOIX)[1]	Intermediate Core-Plus Bond	09/29/00	-0.18%	-0.18%	3.56%	-1.71%	1.23%	2.29%	0.30% $3.00	0.30% $3.00	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Bloomberg US Universal TR USD			-0.47%	-0.47%	2.67%	-2.11%	0.69%	1.83%				
Vanguard Total Bond Market Index Fund Institutional Shares (VBTIX)[1]	Intermediate Core Bond	09/18/95	-0.79%	-0.79%	1.67%	-2.41%	0.39%	1.53%	0.04% $0.40	0.04% $0.40	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund.
Benchmark: Bloomberg US Aggregate Float Adjusted TR USD			-0.72%	-0.72%	1.77%	-2.39%	0.43%	1.57%				

Multi Asset - Mutual Fund	Morningstar Category	Inception Date	Total Returns: 3 Month	Total Returns: YTD	Average Annual Total Returns: 1 Year	Average Annual Total Returns: 3 Year	Average Annual Total Returns: 5 Year	Average Annual Total Returns: 10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000): Gross	Total Annual Operating Expenses (%/Per $1000): Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
Impax Sustainable Allocation Fund Class Institutional (PAXIX)[1]	Moderate Allocation	04/02/07	4.75%	4.75%	13.27%	3.46%	8.43%	7.21%	0.65% $6.50	0.65% $6.50	-	Round Trip: You cannot exchange into the fund within 30 calendar days of exchanging out of the fund. Pln Svcs Credit: 0.15%/quarterly
Benchmark: S&P 500 TR USD			10.56%	10.56%	29.88%	11.49%	15.05%	12.96%				

Money Market - Mutual Fund	Morningstar Category	Inception Date	7-Day Yield**	Total Returns: 3 Month	Total Returns: YTD	Average Annual Total Returns: 1 Year	Average Annual Total Returns: 3 Year	Average Annual Total Returns: 5 Year	Average Annual Total Returns: 10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000): Gross	Total Annual Operating Expenses (%/Per $1000): Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
Vanguard Treasury Money Market Fund Investor Shares (VUSXX)[1]	Money Market-Taxable	12/14/92	5.29%	1.32%	1.32%	5.29%	2.62%	1.97%	1.33%	0.09% $0.90	0.09% $0.90	-	-
Benchmark: FTSE Treasury Bill 3 Month USD				1.37%	1.37%	5.52%	2.70%	2.07%	1.39%				

You could lose money by investing in a money market fund. Although a money market fund seeks to preserve the value of your investment at $1.00 per share, it cannot guarantee it will do so. An investment in a money market fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. A money market fund's sponsor has no legal obligation to provide support to a money market fund, and you should not expect that the sponsor will provide financial support to a money market fund at any time.

**The current yield more closely reflects the earnings of this investment choice.

Guaranteed - Fixed Annuity	Inception Date	Total Returns 3 Month	YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year	Since Inception	Current Rates Rate	Guaranteed Minimum Rate
TIAA Traditional Annuity - Retirement Choice[10,11,12]	08/01/05	1.18%	1.18%	4.88%	4.26%	4.14%	4.19%	4.38%	5.50%	3.00%

Additional Information:
An annual plan servicing credit of 0.15% is credited on a quarterly basis.

The current rate shown applies to premiums remitted during the month of April 2024 and will be credited through 3/31/2025. This rate is subject to change in subsequent months. Up-to-date rate of return information is available on your plan-specific website noted above or at 800-842-2733.TIAA Traditional guarantees your principal and a minimum annual interest rate. The current guaranteed minimum interest rate for premiums remitted in 2024 is 3.00%, and is effective through 2033. The account also offers the opportunity for additional amounts in excess of the minimum interest rate. When declared, additional amounts remain in effect for the twelve-month period that begins each March 1 for accumulating annuities and January 1 for payout annuities. Additional amounts are not guaranteed for the future years. All guarantees are subject to TIAA's claims paying ability.TIAA Traditional is designed primarily to help meet your long-term retirement income needs; it is not a short-term savings vehicle. Therefore, some contracts require that benefits are paid in installments over time and/or may impose surrender charges on certain withdrawals. TIAA has rewarded participants who save in contracts where benefits are paid in installments over time instead of in an immediate lump-sum by crediting higher interest rates, typically 0.50% to 0.75% higher. Higher rates will lead to higher account balances and more retirement income for you.For Retirement Choice (RC) contracts, and subject to the terms of your employer's plan, lump-sum withdrawals are available from the TIAA Traditional account only within 120 days after termination of employment and are subject to a 2.5% surrender charge. All other withdrawals and transfers from the account must be paid in 84 monthly installments (7 years).If the Contractholder elects to remove TIAA Traditional, the contract's entire TIAA Traditional accumulation will be paid out in 60 monthly installments without any surrender charge.

Guaranteed - Fixed Annuity	Inception Date	Total Returns 3 Month	YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year	Since Inception	Current Rates Rate	Guaranteed Minimum Rate
TIAA Traditional Annuity - Retirement Choice Plus[10,11,12]	06/01/06	1.00%	1.00%	4.13%	3.51%	3.39%	3.43%	3.62%	4.75%	2.75%

Additional Information:

The current rate shown applies to premiums remitted during the month ofApril 2024 and will be credited through 3/31/2025. This rate is subject to change in subsequent months. Up-to-date rate of return information is available on your plan-specific website noted above or at 800-842-2733.TIAA Traditional guarantees your principal and a minimum annual interest rate. The current guaranteed minimum interest rate is 2.75% for premiums remitted in March 2024 through February 2025, and is effective through February 2025. The account also offers the opportunity for additional amounts in excess of the minimum interest rate. When declared, additional amounts remain in effect for the twelve-month period that begins each March 1 for accumulating annuities and January 1 for payout annuities. Additional amounts are not guaranteed for the future years. All guarantees are subject to TIAA's claims paying ability.For Retirement Choice Plus (RCP) contracts, and subject to the terms of your employer's plan, lump-sum withdrawals and transfers are available from the TIAA Traditional account without any surrender charges. For certain RCP contracts, any transfer from TIAA Traditional to a competing fund must first be directed to a non-competing fund for a period of 90 days. After 90 days, transfers may be made to a competing fund, including transferring back to TIAA Traditional. (TIAA Contract form IGRSP-02-ACC/TIAA Certificate form IGRSP-CERT3-ACC). After termination of employment additional income options may be available including income for life and IRS required minimum distribution payments.The Contractholder (typically your employer as the sponsor of your plan) has the right to remove TIAA Traditional as a plan option. If elected, the contract's entire TIAA Traditional accumulation will be paid out in 60 monthly installments, without any surrender charge and will be reinvested at the direction of your plan sponsor. Please refer to your contract certificate for additional details.

Multi Asset - Non-Registered	Morningstar Category	Inception Date	Total Returns 3 Month	YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000) Gross	Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
CICV Lifecycle 2005[13,14,15]	-	11/30/21	3.66%	3.66%	9.95%	-	-	1.41%	0.20% $2.00	0.20% $2.00	-	-
Benchmark: S&P Target Date 2010 TR USD			2.43%	2.43%	8.98%	-	-	-				

Multi Asset - Non-Registered	Morningstar Category	Inception Date	Total Returns 3 Month	Total Returns YTD	Average Annual Total Returns 1 Year	3 Year	5 Year	10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000) Gross	Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
CICV Lifecycle 2010[13,14,15]	-	11/30/21	4.04%	4.04%	10.84%	-	-	1.62%	0.20% $2.00	0.20% $2.00	-	-
Benchmark: S&P Target Date 2010 TR USD			2.43%	2.43%	8.98%	-	-	-				
CICV Lifecycle 2015[13,14,15]	-	11/30/21	4.16%	4.16%	11.08%	-	-	1.58%	0.21% $2.10	0.21% $2.10	-	-
Benchmark: S&P Target Date 2015 TR USD			2.70%	2.70%	9.71%	-	-	-				
CICV Lifecycle 2020[13,14,15]	-	11/30/21	4.30%	4.30%	11.37%	-	-	1.46%	0.23% $2.30	0.23% $2.30	-	-
Benchmark: S&P Target Date 2020 TR USD			3.20%	3.20%	10.89%	-	-	-				
CICV Lifecycle 2025[13,14,15]	-	11/30/21	4.87%	4.87%	12.52%	-	-	1.49%	0.25% $2.50	0.25% $2.50	-	-
Benchmark: S&P Target Date 2025 TR USD			3.44%	3.44%	11.60%	-	-	-				
CICV Lifecycle 2030[13,14,15]	-	11/30/21	5.79%	5.79%	14.58%	-	-	2.17%	0.29% $2.90	0.29% $2.90	-	-
Benchmark: S&P Target Date 2030 TR USD			4.26%	4.26%	13.80%	-	-	-				
CICV Lifecycle 2035[13,14,15]	-	11/30/21	6.34%	6.34%	15.71%	-	-	2.23%	0.33% $3.30	0.33% $3.30	-	-
Benchmark: S&P Target Date 2035 TR USD			5.23%	5.23%	16.13%	-	-	-				
CICV Lifecycle 2040[13,14,15]	-	11/30/21	6.89%	6.89%	16.72%	-	-	2.61%	0.38% $3.80	0.38% $3.80	-	-
Benchmark: S&P Target Date 2040 TR USD			6.02%	6.02%	18.11%	-	-	-				
CICV Lifecycle 2045[13,14,15]	-	11/30/21	7.40%	7.40%	17.70%	-	-	2.90%	0.40% $4.00	0.40% $4.00	-	-
Benchmark: S&P Target Date 2045 TR USD			6.56%	6.56%	19.39%	-	-	-				
CICV Lifecycle 2050[13,14,15]	-	11/30/21	7.88%	7.88%	18.69%	-	-	3.14%	0.42% $4.20	0.42% $4.20	-	-
Benchmark: S&P Target Date 2050 TR USD			6.82%	6.82%	20.05%	-	-	-				
CICV Lifecycle 2055[13,14,15]	-	11/30/21	7.98%	7.98%	18.97%	-	-	3.27%	0.43% $4.30	0.43% $4.30	-	-
Benchmark: S&P Target Date 2055 TR USD			6.84%	6.84%	20.09%	-	-	-				
CICV Lifecycle 2060[13,14,15]	-	11/30/21	8.08%	8.08%	19.10%	-	-	3.26%	0.42% $4.20	0.42% $4.20	-	-
Benchmark: S&P Target Date 2060 TR USD			6.85%	6.85%	20.18%	-	-	-				

Multi Asset - Non-Registered	Morningstar Category	Inception Date	Total Returns 3 Month	Total Returns YTD	Average Annual Total Returns 1 Year	Average Annual Total Returns 3 Year	Average Annual Total Returns 5 Year	Average Annual Total Returns 10 Year/ Since Inception	Total Annual Operating Expenses (%/Per $1000) Gross	Total Annual Operating Expenses (%/Per $1000) Net	Fee Waiver Expiration	Shareholder Fees & Restrictions*
CICV Lifecycle 2065[13,14,15]	-	11/30/21	8.08%	8.08%	19.10%	-	-	3.26%	0.42% $4.20	0.42% $4.20	-	-
Benchmark: S&P Target Date 2065+ TR USD			7.00%	7.00%	20.51%	-	-	-				
CICV Lifecycle Retirement Income Series[13,14,15]	-	11/30/21	3.66%	3.66%	9.95%	-	-	1.41%	0.20% $2.00	0.20% $2.00	-	-
Benchmark: S&P Target Date Retirement Income TR USD			2.33%	2.33%	8.72%	-	-	-				

The model's underlying investments' performance can be found under the appropriate asset class. Please refer to the RetirePlus Pro Model Portfolio Target Allocations section of this document for information on the model's current target allocations and other important information about your investment through the RetirePlus Pro Model program.

RetirePlus Pro Model Portfolio Target Allocations

Underlying Investment	CICV Lifecycle 2005	CICV Lifecycle 2010	CICV Lifecycle 2015	CICV Lifecycle 2020	CICV Lifecycle 2025
American Century Mid Cap Value Fund R6 Class	2.0%	1.0%	1.0%	2.0%	2.0%
American Funds EuroPacific Growth Fund® Class R-6	5.0%	5.0%	6.0%	6.0%	7.0%
Artisan Small Cap Fund Institutional Shares	1.0%	1.0%	1.0%	1.0%	2.0%
Baird Core Plus Bond Fund Class Institutional	13.0%	13.0%	13.0%	12.0%	11.0%
Delaware Ivy Mid Cap Growth Fund Class R6	1.0%	1.0%	1.0%	2.0%	2.0%
MFS Growth Fund Class R6	6.0%	7.0%	7.0%	7.0%	8.0%
MFS New Discovery Value Fund Class R6	1.0%	1.0%	1.0%	2.0%	2.0%
Putnam Large Cap Value Fund Class R6	6.0%	7.0%	7.0%	7.0%	8.0%
TIAA Traditional Annuity - Retirement Choice Plus	40.0%	39.0%	38.0%	36.0%	31.0%
Vanguard Total Bond Market Index Fund Institutional Shares	14.0%	13.0%	12.0%	12.0%	12.0%
Vanguard Total International Stock Index Fund Institutional Shares	5.0%	5.0%	6.0%	6.0%	7.0%
Vanguard Total Stock Market Index Fund Institutional Plus Shares	6.0%	7.0%	7.0%	7.0%	8.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

Underlying Investment	CICV Lifecycle 2030	CICV Lifecycle 2035	CICV Lifecycle 2040	CICV Lifecycle 2045	CICV Lifecycle 2050
American Century Mid Cap Value Fund R6 Class	3.0%	4.0%	5.0%	6.0%	7.0%
American Funds EuroPacific Growth Fund® Class R-6	9.0%	12.0%	15.0%	17.0%	18.0%
Artisan Small Cap Fund Institutional Shares	2.0%	2.0%	3.0%	4.0%	4.0%
Baird Core Plus Bond Fund Class Institutional	12.0%	11.0%	9.0%	7.0%	4.0%
Delaware Ivy Mid Cap Growth Fund Class R6	3.0%	4.0%	5.0%	6.0%	6.0%
MFS Growth Fund Class R6	10.0%	10.0%	10.0%	10.0%	11.0%
MFS New Discovery Value Fund Class R6	2.0%	3.0%	4.0%	4.0%	4.0%
Putnam Large Cap Value Fund Class R6	9.0%	10.0%	10.0%	10.0%	11.0%
TIAA Traditional Annuity - Retirement Choice Plus	19.0%	11.0%	5.0%	1.0%	1.0%
Vanguard Total Bond Market Index Fund Institutional Shares	12.0%	11.0%	9.0%	7.0%	5.0%
Vanguard Total International Stock Index Fund Institutional Shares	9.0%	12.0%	15.0%	17.0%	18.0%
Vanguard Total Stock Market Index Fund Institutional Plus Shares	10.0%	10.0%	10.0%	11.0%	11.0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%

Underlying Investment	CICV Lifecycle 2055	CICV Lifecycle 2060	CICV Lifecycle 2065	CICV Lifecycle Retirement Income Series
American Century Mid Cap Value Fund R6 Class	7.0%	7.0%	7.0%	2.0%
American Funds EuroPacific Growth Fund® Class R-6	18.0%	19.0%	19.0%	5.0%
Artisan Small Cap Fund Institutional Shares	4.0%	4.0%	4.0%	1.0%
Baird Core Plus Bond Fund Class Institutional	4.0%	3.0%	3.0%	13.0%
Delaware Ivy Mid Cap Growth Fund Class R6	7.0%	7.0%	7.0%	1.0%
MFS Growth Fund Class R6	11.0%	11.0%	11.0%	6.0%
MFS New Discovery Value Fund Class R6	5.0%	4.0%	4.0%	1.0%
Putnam Large Cap Value Fund Class R6	11.0%	11.0%	11.0%	6.0%
TIAA Traditional Annuity - Retirement Choice Plus		1.0%	1.0%	40.0%
Vanguard Total Bond Market Index Fund Institutional Shares	4.0%	3.0%	3.0%	14.0%
Vanguard Total International Stock Index Fund Institutional Shares	18.0%	19.0%	19.0%	5.0%
Vanguard Total Stock Market Index Fund Institutional Plus Shares	11.0%	11.0%	11.0%	6.0%
Total	100.0%	100.0%	100.0%	100.0%

IMPORTANT INFORMATION ABOUT RETIREPLUS PRO MODELS

The TIAA RetirePlus Pro® Models are asset allocation recommendations developed in one of three ways, depending on your plan structure: i) by your plan sponsor, ii) by your plan sponsor in consultation with consultants and other investment advisors designated by the plan sponsor, or iii) exclusively by consultants and other investment advisors selected by your plan sponsor whereby assets are allocated to underlying mutual funds and annuities that are permissible investments under the plan. Model-based accounts will be managed on the basis of the plan participant's personal financial situation and investment objectives (for example, taking into account factors such as participant age and risk capacity as determined by a risk tolerance questionnaire).

This material is for informational, educational or non-fiduciary sales opportunities and/or activities only and does not constitute investment advice (e.g., fiduciary advice under ERISA or otherwise), a securities recommendation under all securities laws, or an insurance product recommendation under state insurance laws or regulations to invest through a model or to purchase any security or advice about investing or managing retirement savings. It does not take into account any specific objectives or circumstances of any particular customer, or suggest any specific course of action.

You should consider the investment objectives, principal strategies, principal risks, portfolio turnover rate, performance data, and fee and expense information of each underlying investment carefully before directing an investment based on the model. For a free copy of the program description and the prospectus or other offering documents for each of the underlying investments (containing this and other information), call TIAA at 877-518-9161. Please read the program description and the prospectuses or other offering documents for the underlying investments carefully before investing.

The Plan Fiduciary and the Plan Advisor may determine that an Underlying Investment(s) is appropriate for a Model Portfolio, but not appropriate as a stand-alone investment for a Participant who is not participating in the Program. In such case, Participants who elect to unsubscribe from the Program while holding an Underlying Investment(s) in their Model-Based Account that has been deemed inappropriate as a stand-alone investment option by the Plan Fiduciary and/or the Plan Advisor will be prohibited from allocating future contributions to that investment option(s).

Established Restrictions: Each Plan Participant may, but need not, propose restrictions for his or her Model-Based Account, which will further customize such Plan Participant's own portfolio of Underlying Investments. The Plan Fiduciary is responsible for considering any restrictions proposed by a Plan Participant, and for determining (together with Plan Advisor(s)) whether the proposed restriction is "reasonable" in each case.

No registration under the Investment Company Act, the Securities Act or state securities laws–The Model is not a mutual fund or other type of security and will not be registered with the Securities and Exchange Commission as an investment company under the Investment Company Act of 1940, as amended, and no units or shares of the Model will be registered under the Securities Act of 1933, as amended, nor will they be registered with any state securities regulator. Accordingly, the Model is not subject to compliance with the requirements of such acts, nor may plan participants investing in underlying investments based on the Model avail themselves of the protections thereunder, except to the extent that one or more underlying investments or interests therein are registered under such acts.

No guarantee–Investments based on the Model are not deposits of, or obligations of, or guaranteed or endorsed by TIAA, the Investment Advisor, The Plan or their affiliates, and are not insured by the Federal Deposit Insurance Corporation, or any other agency. An investment based on the Model is not guaranteed, and you may experience losses, including losses near, at, or after the target date. There is no guarantee that investments based on the Model will provide adequate income at and through your retirement. Investors should not allocate their retirement savings based on the Model unless they can readily bear the consequences of such loss.

TIAA RetirePlus Pro is administered by Teachers Insurance and Annuity Association of America ("TIAA") as plan recordkeeper. TIAA-CREF Individual & Institutional Services LLC, Member FINRA, distributes securities products. If offered under your plan, TIAA and CREF annuity contracts and certificates are issued by Teachers Insurance and Annuity Association of America (TIAA) and College Retirement Equities Fund (CREF), New York, NY, respectively. Each is solely responsible for its own financial condition and contractual obligations. Transactions in the underlying investments invested in based on the Model on behalf of the plan participants are executed through TIAA-CREF Individual & Institutional Services, LLC, Member FINRA.

TIAA RetirePlus Pro® is a registered trademark of Teachers Insurance and Annuity Association of America-College Retirement Equities Fund, 730 Third Avenue, New York, NY 10017.

A Note About Risk

Equity risk refers to the risk of loss due to the market price of shares falling. Equity funds generally carry a higher degree of risk than fixed income funds.
Fixed income funds are not guaranteed and are subject to interest rate, inflation and credit risks. Guaranteed investments offer a guaranteed rate of return but such guarantees are subject to the claims-paying ability of the issuing insurance company.
More detailed information on risks applicable to a particular investment option can be found in the prospectus or other product literature.

Fees and Expenses

*Some Plans may allocate plan costs to participants to offset the cost of recordkeeping and other plan services. When the Plan allocates these costs at the investment-level there may be a plan services fee or credit displayed in the "Shareholder fees & restrictions" column. If the costs are allocated at the plan-level (regardless of investment) it is not displayed on the Quarterly Investment Update.
Fee and expense information for the variable return investment options include the Total Annual Operating Expenses expressed as a percentage and a dollar amount based upon a $1,000 accumulation both as net (after) and gross (before) of expenses. Total Annual Operating Expenses is a measure of what it costs to operate an investment, expressed as a percentage of its assets, as a dollar amount or in basis points. These are costs the investor pays through a reduction in the investment's rate of return. Expense information shown is based on the most recent information available, but may not reflect all updates and may differ slightly from the prospectus due to rounding. Please consult the most recent prospectus or offering document for more detailed information.
For more information on the impact of fees and expenses associated with your plan, please visit TIAA.org/fees. Fees are only one of many factors to consider when making an investment decision.

About the Benchmark

A benchmark provides an investor with a point of reference to evaluate an investment's performance. One common type of benchmark used to compare investment performance is called an index. Indexes are unmanaged portfolios of securities designed to track the performance of a particular segment of the market. For example, a large cap stock fund or account will usually be compared to an index that tracks a portfolio of large-cap stocks. Conversely, a bond fund or account is typically compared to an index that tracks a portfolio of bonds that is comparable to the fund or account's portfolio in terms of credit quality, maturity and liquidity. Each mutual fund or account shown in the table includes performance information for an index that the advisor determined provides a fair comparison of the fund or account's investment performance. Indexes are for comparison purposes only. You cannot invest directly in any index. Index returns do not reflect a deduction for fees or expenses.

Data Providers

Unless otherwise noted, data on nonproprietary investment products, including performance, Morningstar Category and expenses, is provided by Morningstar, Inc. All other data provided by Teachers Insurance and Annuity Association of America - College Retirement Equities Fund. Benchmark performance shown across proprietary and nonproprietary funds/accounts is provided by TIAA with the exception of Since Inception periods calculated using a nonproprietary fund's inception date. TIAA reserves the rights to all proprietary data herein, and is not responsible for any damages or losses arising from any use of this information.
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The Morningstar Category classifies a fund based on its investment style as measured by underlying portfolio holdings (portfolio statistics and compositions over the past three years). If the fund is new and has no portfolio, Morningstar estimates where it will fall before assigning a more permanent category. When necessary, Morningstar may change a category assignment based on current information.

Important Information

1 Accumulations in funds not managed by TIAA may be subject to administrative charges. These charges are subject to change. Please review current documents related to your plan.

2 Value stocks may perform differently from the market as a whole and may be undervalued by the market for a long period of time.

3 Securities of smaller companies may be more volatile than those of larger ones, and they are also often less liquid than those of larger companies because there is a limited market for them.

4 Due to their relatively high valuations which are generally a function of expected earnings growth, growth stocks will be more volatile than value stocks and such earnings growth may not occur or be sustained.

5 Securities of foreign issuers may lose value because of erratic market conditions, economic and political instability or fluctuations in currency exchange rates, which may be magnified in emerging markets.

6 Funds that focus their investments in real estate are subject to the risks associated with real estate ownership, including fluctuations in property values, higher expenses or lower income than expected, and potential environmental problems and liability.

7 The net expense ratio reflects a contractual arrangement that has the effect of reducing or limiting the fund's expenses. Without such an arrangement, currently or in the past, returns would have been lower. The arrangement will remain in effect until terminated. Please see the prospectus for details.

8 Securities issued in developing markets, where there is greater potential for political, currency and economic volatility, may be less liquid than those issued in more developed countries and foreign investors in these markets may be subject to special restrictions which could have an adverse impact on performance.

9 The index shown is for comparative purposes only, and may not match other websites or publications.

10 The TIAA Traditional Annuity guarantees principal and a specified interest rate (based on TIAA's claims paying ability). It also offers the potential for greater growth through additional amounts, which may be declared on a year-by-year basis by the TIAA Board of Trustees. These additional amounts, when declared, remain in effect for the "declaration year" which begins each March 1. Additional amounts are not guaranteed. For more up to date information please visit your employer's microsite or TIAA.org. TIAA Traditional is a guaranteed insurance contract and not an investment for federal securities law purposes.

11 Accumulations are credited with interest based on when contributions and transfers are received, and your performance will reflect your pattern of contributions. The returns shown in the table reasonably represent what an individual making level monthly premiums would have historically earned over the time periods. Returns for different time periods are calculated in two steps: monthly performance returns are calculated from an accumulation created by a series of level monthly premiums over the prior 10 years (or the inception date of the product if later), and those monthly returns are linked together to determine historical performance for each of the return periods shown.

12 The Current Rates, Minimum Guaranteed Rates and Fees (if applicable) shown for guaranteed annuities are the rates in effect as of the first day of the month following quarter end. Depending upon the contract, these may apply to new money only or to both new money and existing accumulations. See your annuity contract or certificate for details.

13 As Target Retirement Date Models are actively managed, their asset allocations are subject to change and may vary from those indicated. They invest in many underlying funds and are exposed to the risks of different areas of the market. Please note that, as with all Model Portfolios, the principal value of a Target Retirement Date Model is not guaranteed. The higher a Model's allocation to stocks, the greater the risk. After the target date has been reached, some of these Models may be merged into a Model with a more stable asset allocation. Please consult the fact sheet or offering document for more complete information.

14 Model Strategy, Model Fees and Expenses and Target Allocations information provided by the Plan Sponsor. Neither TIAA nor its affiliates has independently verified the accuracy or completeness of this information.

15 Model performance shown is based on the performance of the underlying investments that were present in the Model's lineup as of the end of the most recent calendar quarter. If a Model's lineup has changed since then, no adjustments have been made to the Model's performance shown here to reflect the revised lineup, and the investments (and their performance) removed from the lineup no longer appear in the fund performance table. However, all the investments (and their performance) in the Model's lineup as of the end of the most recent calendar quarter may continue to be viewed on the fact sheet available on your employer's microsite.

BUILT TO PERFORM.

CREATED TO SERVE.

Mutual funds are offered through your plan sponsor's retirement plan, which is recordkept by TIAA. Funds are offered at that day's net asset value (NAV), and the performance is displayed accordingly. Performance at NAV does not reflect sales charges, which are waived through your retirement plan. If included, the sales charges would have reduced the performance as quoted.

Before making your investment choices and completing your enrollment form, you should consider the investment objectives, risks, charges and expenses carefully. Please call 877-518-9161 for paper copies of the product and fund prospectuses and disclosure documents that contain this and other information. Please read the prospectuses and disclosure documents carefully before investing.

Unless otherwise noted, Teachers Insurance and Annuity Association of America (TIAA), New York, NY, issues annuity contracts and certificates.
TIAA-CREF Individual & Institutional Services, LLC, Teachers Personal Investors Services, Inc., and Nuveen Securities, LLC, Members FINRA and SIPC, distribute securities products.
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