

Fee Disclosure
Messiah University Defined Contribution Retirement Plan
As of October 14, 2023

About This Information

Retirement plan sponsors are required by the Department of Labor to disclose the fees related to your plan. This document provides the required information.

Section One contains information covering your participation in the plan and plan-level fees that may be charged to your account. Section Two contains comparative fee and performance information for each investment option provided in your plan. If you have any questions about this information, you can either call 800.858.5420 to speak to a customer representative or talk to your plan administrator.

Section One - Participation and Plan-Level Fees

General Plan Information

Investment Instructions: To direct or make changes to how your account will be invested among the plan's designated investment options. If your plan offers the service, you can enroll or make changes to your directives online at www.standard.com/retirement. You may direct the investment of all funds held in your plan account.

Limitations on Instructions: You may give investment instructions on any day the New York Stock Exchange is open for business. Certain restrictions on trading may apply depending on the investment option. Many investment options, such as mutual funds, impose restrictions on frequent trading. The plan is not intended to facilitate frequent trades among investment options or provide "day trading" opportunities. Short-term trading adversely affects the plan's operations and increases the expenses of both the plan and the investment options. The Standard's agreements with our mutual fund alliance partners require us to adhere to trading rules mutually-agreed upon by Standard and the fund company. Section Two below provides more information on these restrictions.

The Standard's Frequent Trading Restriction Procedures: In reviewing for frequent trading, Standard performs a weekly review of participant-directed transactions in order to identify participants who have more than one round-trip during a 90-day period (a "frequent trader"). If a participant has been identified as a frequent trader, a warning letter is sent to the participant. If frequent trading activity continues, the participant's ability to trade via the participant website and the interactive voice response system will be suspended for 90 days. During this period, the participant will be required to submit written requests to trade. Each request will be evaluated, and executed only if it complies with frequent trading rules. After 90 days, the participant's privileges are reinstated. If the participant has a subsequent violation, their trading privileges will be suspended indefinitely and they will be required to submit written requests to trade.

Certain mutual fund companies require us to follow different parameters. For specific details please call your customer representative at 800.858.5420 or your plan administrator.

Voting and Other Rights: The trustee will exercise any voting or other rights associated with ownership of investments held in your plan account.

Designated Investment Options: The plan provides designated investment options into which you can direct the investment of your account. The chart shown in Section Two of this notice lists the options and provides various information about them.

Designated Investment Manager: StanCorp Investment Advisers, Inc. is a designated investment manager with respect to assets held on The Standard's recordkeeping platform.

Plan Administrative, Investment Advisory and Individual Plan Fees

There are certain fees and expenses associated with your plan, such as recordkeeping, compliance, consulting and accounting. Unless the plan sponsor, which is typically your employer, elects to pay some or all of those expenses, they will be paid from the plan assets, which will affect your account balance. The cost for these services fluctuates each year based on a variety of factors including the total amount of assets in your plan. These fees may be reduced by amounts paid by mutual fund companies to The Standard. The Standard passes these amounts back to the plan to reduce or offset fees. The fees shown in the Plan Administrative Fees Table are fees that are not part of the total annual operating expenses.

Other services may be provided periodically to the plan as necessary for consulting, compliance and custodial services. To the extent these expenses are not charged against forfeitures or paid by the employer, or reimbursed by a third party, the plan may charge these expenses against participant accounts.

Annual Plan Administrative Fees

Fee Name	Fee Amount
Plan Administrative Fees (including applicable recordkeeping, accounting, compliance and consulting services. The fees reflect an annual amount deduction proportionally on a quarterly basis)	\$150,000.00 allocated pro rata among participant accounts plus
The Plan's Administrative fees vary based on the total amount of assets in the Plan. The Fee Amount shown reflects the rate charged as of the date of this notice.	0.27% assessed on total plan assets, allocated pro rata among participant accounts ¹
Please refer to the end of this document for more details.	
Eligible Participants with a Balance	Annual fee of \$15.00 allocated to participant accounts on a per capita basis

Individual Fees

The plan may also impose specific charges against individual participant accounts for certain transactions. These charges may arise based on your use of a feature available under the plan (such as taking a distribution or for processing a qualified domestic relations order in case of a divorce).

Additionally, buying or selling some investments may result in charges to your individual account, such as redemption fees. The Section Two charts below provide information on these investment charges.

Fee Name	Fee Amount
Qualified Domestic Relations Order	\$200.00 minimum
Mainspring Managed Account - Employee Paid	Up to \$10.00 per month
Overnight Delivery	\$30.00 per event
Paper Distribution	\$100.00 per event
Paper Distributions upon Death/ Disability/ Retirement	\$100.00 per event
Paper Loan	\$150.00 per event
Paperless Distribution	\$75.00 per event
Paperless Distributions upon Death/ Disability/ Retirement	\$75.00 per event
Paperless Loan	\$125.00 per event

Section Two—Comparative Fee and Performance Information

This section illustrates the performance of investment options and shows how these options have performed over time. Including all funds in comparative tables allows you to compare them with appropriate benchmarks for the same time periods. If you would like additional information about the investment options, you can go to the website below. You may also call a customer service representative at 800.858.5420 for a free paper copy of the information available on the website.

The tables below show, for the Variable Return Investments, the Total Annual Operating Expenses of each option. Total Annual Operating Expenses are expenses that reduce the rate of return of the investment option. For Fixed Return Investments, the tables focus on the performance of the investment option. The tables also show shareholder-type fees, which are in addition to the Total Annual Operating Expenses. You may not be charged some of these shareholder-type fees, depending on the fund companies' policies with respect to qualified plans and your individual circumstances. In addition, mutual fund companies may make revenue-sharing payments in the form of asset based fees, which are collected for the benefit of your plan. These revenue-sharing payments may be applied to reduce the fees and expenses associated with your plan (whether the plan sponsor is billed for the services, or the amount is deducted from plan assets) and/or plan pricing, which includes The Standard's fees. Any revenue-sharing payments may also be allocated among participants. The amount of revenue-sharing payments differs among the mutual funds. Information about an option's principal risks and revenue-sharing as well as other important information is available in Personal Savings Center by visiting www.standard.com/retirement and selecting performance from the top menu bar.

To help achieve long-term retirement security, you should give careful consideration to the benefits of a well-balanced and diversified investment portfolio. Spreading your assets among different types of investments can help you achieve a favorable rate of return while minimizing your overall risk of losing money.

Variable Return Investments

This Variable Return Investment Table focuses on the performance and costs of investment options that do not have a fixed or stated rate of return. The table below shows how these options have performed over time and allows you to compare them with an appropriate benchmark for the same time periods. Past performance does not guarantee how the investment option will perform in the future. Your investment in these options could lose money. Information about the principal risks of each option is available on the website.

VARIABLE RETURN INVESTMENTS										
Name/ Type of Option	Average Annualized Total Return provided as of 09/30/23				Benchmark			Mutual Fund Expenses	Total Operating Expenses	*Shareholder Type Fees
	1yr.	5yr.	10yr.	Since Inception	1yr.	5yr.	10yr.			
Bond										
American Century InfAdjBdInv/Inflation-Protected Bond	0.39%	1.54%	1.24%	4.00%	1.25%	2.12%	1.74%	—	0.51%	\$5.10
Metropolitan W Tot R Bd Plan/Intermediate Bond	0.42%	0.14%	1.23%	2.00%	1.61%	0.34%	1.43%	1.72%	0.37%	\$3.70
PGIM High Yield Z/High Yield Bond	8.77%	2.99%	4.37%	5.89%	10.19%	2.80%	4.16%	6.23%	0.51%	\$5.10

VARIABLE RETURN INVESTMENTS

Name/ Type of Option	Average Annualized Total Return provided as of 09/30/23				Benchmark			Mutual Fund Expenses	Total Operating Expenses		*Shareholder Type Fees
	1yr.	5yr.	10yr.	Since Inception	1yr.	5yr.	10yr.		Since Inception	As a %	
Large Cap											
Vanguard Equity Income Adm/Large Cap Value	12.65%	7.80%	9.70%	8.07%	14.44%	6.23%	8.45%	7.04%	0.19%	0.19%	\$1.90
Fidelity 500 Index/Large Cap Blend	21.61%	9.90%	11.90%	11.94%	21.19%	9.63%	11.63%	11.75%	0.02%	0.02%	\$0.15
JPMorgan US Equity R6/Large Cap Blend	20.65%	11.05%	12.45%	13.22%	21.19%	9.63%	11.63%	12.58%	0.44%	0.44%	\$4.40
TIAA-CREF So Ch Eq Ins/Large Cap Blend	19.28%	9.06%	10.67%	6.71%	21.19%	9.63%	11.63%	6.95%	0.18%	0.18%	\$1.80
MainStay Winslow LgcpGrw R6/Large Cap Growth	30.18%	10.01%	12.92%	13.50%	27.72%	12.42%	14.48%	14.68%	0.63%	0.63%	\$6.30
Small/Mid Cap											
Allspring Specl MidCp Val R6/Mid Cap Value	14.38%	8.33%	9.38%	9.93%	11.05%	5.18%	7.92%	8.31%	0.69%	0.69%	\$6.90
Nuveen Mid Cap Value R6/Mid Cap Value	13.44%	6.40%	8.87%	6.39%	11.05%	5.18%	7.92%	5.30%	0.79%	0.79%	\$7.90
Vanguard Mid Cap Index Adm/Mid-Cap Blend	12.61%	6.49%	9.05%	9.37%	13.45%	6.38%	8.98%	9.50%	0.05%	0.05%	\$0.50
Baron Asset Instl/Mid Cap Growth	17.10%	6.33%	10.31%	12.89%	17.47%	6.97%	9.94%	13.14%	1.04%	1.04%	\$10.40
DFA US Targeted Value I/Small Cap	17.47%	6.84%	8.26%	10.62%	7.84%	2.59%	6.19%	8.55%	0.29%	0.29%	\$2.90
Vanguard Small Cap Index Adm/Small Cap	12.53%	4.60%	7.99%	8.52%	8.93%	2.40%	6.65%	7.37%	0.05%	0.05%	\$0.50
Vanguard Explorer Adm/Small Cap	13.04%	5.63%	9.20%	9.01%	9.59%	1.55%	6.72%	7.66%	0.34%	0.34%	\$3.40

VARIABLE RETURN INVESTMENTS											
Name/ Type of Option	Average Annualized Total Return provided as of 09/30/23			Benchmark			Mutual Fund Expenses	Total Operating Expenses		*Shareholder Type Fees	
	1yr.	5yr.	10yr.	Since Inception	1yr.	5yr.		10yr.	Since Inception		As a %
International Stock											
American Funds New Perspctv R6/Global Large-Stock Growth	21.70%	8.36%	9.82%	12.00%	20.80%	6.46%	7.56%	11.45%	0.41%	0.41%	\$4.10
					MSCI AC World NR USD						
DFA International Core Eq I/Foreign	25.29%	3.15%	4.32%	4.79%	20.39%	2.58%	3.35%	4.13%	0.24%	0.24%	\$2.40
					MSCI AC World Ex USA NR USD						
American Funds EuroPac Grow R6/Foreign	19.64%	3.11%	4.64%	7.23%	15.84%	2.54%	3.92%	6.78%	0.47%	0.47%	\$4.70
					MSCI ACWI Ex USA Growth NR USD						
Invesco Developing Mkts R6/Diversified Emerging Mkts	16.11%	-0.35%	1.58%	3.47%	11.70%	0.55%	2.07%	2.85%	0.84%	0.84%	\$8.40
					MSCIEM NR USD						
Other											
Vanguard Wellington Adm/Balanced	12.10%	6.16%	7.63%	7.37%	11.43%	3.98%	5.24%	5.90%	0.17%	0.17%	\$1.70
					Morningstar Moderate Target Risk						
Cohen & Steers Instl Realty/Specialty-Real Estate	-0.07%	4.56%	7.20%	10.16%	3.21%	2.77%	5.84%	9.46%	0.75%	0.75%	\$7.50
					S&P United States REIT TR USD						

*This table shows the fees elected by the fund. You may not be charged this full amount depending on individual circumstances.

Fixed Return Investments

This Fixed Return Investments Table focuses on the performance and costs of investment options that have a fixed or stated rate of return. It shows the annual rate of return of each option, the term or length of time that you will earn this rate of return, and other information relevant to performance.

FIXED RETURN INVESTMENTS					
Name/ Type of Option	Return	Term	Other	Mutual Fund Expenses	Shareholder Type Fees and Restrictions
Prudential Guaranteed Inc 38/Cash Equivalent	2.15%	181 Days	The rate of return on 09/30/23 was 2.15 percent. This rate is fixed for 181 days but will never fall below a guaranteed minimum rate of 1.25 percent. Most current rate of return information is available on www.standard.com/retirement .	0.10%	Many fixed return investments include restrictions on withdrawals depending upon a variety of factors. For any applicable restrictions see the information provided on this fund by logging into Personal Savings Center from www.standard.com/retirement .

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In providing this information, The Standard makes no representation as to the completeness and accuracy of the current disclosure materials of the issuer of designated investment options or information replicated from such materials.

If your assets are managed through Mainspring Managed, an investment advisory service offered through StanCorp Investment Advisers, Inc., a registered investment adviser affiliate of The Standard, please refer to StanCorp Investment Advisers' Form ADV, disclosure brochure for additional details. StanCorp Investment Advisers creates general asset allocation models for use when providing investment advisory services. The allocation percentages to the asset classes in each model are set and updated, as necessary, based on certain assumptions made about market conditions, the rate of return for each asset class, average internal fees and expenses of an investment option, etc. No specific investment option was considered when setting the allocation percentage of each asset class. Therefore, the allocation percentage for the cash/cash equivalent sleeve of each asset allocation model does not take into account any specific investment option that your plan sponsor may select or whether your plan sponsor instructs the issuer to reduce any crediting rate. Consequently, investment results may vary among investors using the same asset allocation model and the same investment options.

The cumulative effect of fees and expenses can substantially reduce the growth of your retirement savings. Visit the Department of Labor's website for an example showing the long-term cumulative effect of fees and expenses at <https://www.dol.gov/sites/default/files/ebsa/about-ebbsa/default/files/ebsa/about-ebbsa/our-activities/resource-center/publications/a-look-at-401k-plan-fees.pdf>. Fees and expenses are only one of many factors you should consider when making your investment decision. Consideration should also be given to whether investment decisions, combined with your other investments held outside the plan, will help you achieve your financial goals.

If you need additional information about your investment options, you may call a customer service representative at 800.858.5420. You may also find information by logging into Personal Savings Center from www.standard.com/retirement.

¹As noted above, your Administrative fees vary based on the total amount of assets in the Plan. Following are the table(s) of applicable asset-based rates:

Plan Administration

Tiered Rate :	
From \$.00 to \$50,000,000.00	0.29%
From \$50,000,000.01 to \$100,000,000.00	0.27%

Plan Administration

Tiered Rate :

From \$100,000,000.01 to \$115,000,000.00	0.25%
From \$115,000,000.01 to \$135,000,000.00	0.20%
From \$135,000,000.01 to \$150,000,000.00	0.15%
From \$150,000,000.01 to \$9,999,999,999,999.99	0.12%

Please visit Personal Savings Center at www.standard.com/retirement for a glossary of investment terms relevant to the investment options under this plan.

This glossary is intended to help you better understand your options.

Messiah University Defined Contribution Retirement Plan Qualified Default Investment Alternative (QDIA) Notice

Right to Direct the Investment of Your Account

As a participant in the Messiah University Defined Contribution Retirement Plan, you have the right to choose how your account assets are invested in any of the plan's investment choices. Investment Profiles are available under the Performance tab on The Standard's website for all the investment alternatives, including the plan's default investment or the QDIA. The profiles offer additional information including objectives, risks, trading restrictions, charges and expenses.

You can access your account on Personal Savings Center. Visit www.standard.com/retirement.

Description of Circumstances Under Which QDIA is Applicable

Your account will be allocated to the QDIA when you do not make an investment election. This might occur under the following circumstances:

- You elect to make salary deferrals to your account without making an investment election.
- Your Employer makes an employer contribution or allocates forfeiture contributions to your account and you have not made an investment election.
- You complete an investment allocation for a portion, but not all, of your account.

Right to Alternative Investment

If the plan invests your account in the QDIA, you have the continuing right to direct the investment of your account to one or more of the plan's other investment choices. You may change your investments at any time, without penalty.

As with any fund invested in equities or bonds, you or your beneficiary may lose money by remaining invested in the QDIA, including losses near and following retirement. There is no guarantee the QDIA investment will provide adequate retirement income.

Description of the Qualified Default Investment Alternative

If you do not make an investment election, your account will be invested in the following:

Investment	Default Directive Percent
Vanguard Wellington Adm	100%

The monthly fee for Mainspring Managed services will be deducted directly from your account. The total amount charged depends on your account balance. This fee is waived for 90 days following your initial enrollment in the service.

For Additional Information

The QDIA is more fully described on the attached fee disclosure and/or investment fund fact sheets.

You can obtain additional information regarding the plan's investment choices or how your plan works by contacting your plan's administrator:

Amanda Coffey
One University Avenue
Mechanicsburg, PA 17055
717.796.5300
acoffey@messiah.edu

Help from The Standard with Your Account

If you have questions or need help with your account, please reach out to one of our customer service representatives at **800.858.5420** or **savings@standard.com**.

Visit us at standard.com/retirement

Fee Disclosure – TIAA
Messiah University Defined Contribution Retirement Plan
December 2023

Re: Important information about your retirement plan

A Plan and Investment Notice is being provided to help you make informed decisions when managing your account and planning your financial goals for retirement.

While **no action is required**, please review the notice as it contains important information regarding the fees and expenses associated with your retirement plan and its investment options.

To help facilitate your review, the notice is divided into two sections:

- **Section I: Summary of Plan Services and Costs** provides information about administrative fees, individual transaction expenses, and your right to direct how your contributions are invested
- **Section II: Investment Options Comparative Chart** provides information about your plan's available investment options including their respective performance and expenses

You can access you Plan and Investment Notice, as well as up-to-date investment performance information by following these steps:

1. Log in to your TIAA account at [TIAA.org](https://www.tiaa.org)
2. Go to *Resources*
3. Select *Retirement investments* within the *Research, performance & news* section
4. Select your plan name and your Plan and Investment Notice will appear under *Helpful Links Specific To This Product*

We hope you will join our efforts to reduce waste by opting to receive your notices and other communications electronically. Be sure to review and update your eDelivery preferences:

1. Log in to your TIAA account at [TIAA.org](https://www.tiaa.org)
2. Click *Actions*
3. Under *All Accounts* click *Update your profile*
4. On the Profile screen, click *Communication preferences*
5. Check the *Go paperless* box and then review the listed paperless options
 - Click *email* next to *Plan sponsor disclosures and notices* to receive your Plan and Investment Notice via email
6. Click on "Save preferences" at the bottom of the page

If you do not have a TIAA account, you can access the notice online at [TIAA.org/performance](https://www.tiaa.org/performance) and enter your Plan ID, *<plan id>*. You'll be directed to the current information.

More information about retirement plan fees and expenses is available at [TIAA.org/fees](https://www.tiaa.org/fees), or by calling TIAA at **800-842-2252**, weekdays, 8 a.m. to 10 p.m. (ET).

(2021)

Plan and Investment Notice

MESSIAH UNIVERSITY DEFINED CONTRIBUTION RETIREMENT PLAN

January 15, 2023

Your participation in your employer's retirement plan is the first step to ensuring adequate retirement income. The purpose of this Plan and Investment Notice is to help you make informed decisions when managing your retirement account. It contains important information regarding your plan's services, investments and expenses. **While no action is required at this time**, please review the notice and file it with your other retirement plan documents for future reference.

Section I: Summary of Plan Services and Costs

This section provides important information to assist you in making decisions related to your participation in your employer's plan. It outlines the services available under this plan, explains your right to select the investments for your account, and any fees and plan restrictions that may apply.

Section II: Investment Options Comparative Chart

This section is designed to make it easier for you to compare investments that align with your retirement goals. It provides detailed information about your plan's investment options, including long-term performance and expenses.

Summary of Plan Services and Costs

TIAA has been selected to provide retirement services and investment options to employees in the plan. There are costs associated with these services and investments, some of which may be paid by you. In addition to explaining how to direct your investments, this section details the administrative and individual expenses associated with your plan.

HOW TIAA RECORDKEEPS YOUR PLAN

TIAA provides recordkeeping services for your employer's plan which includes:

- MESSIAH UNIVERSITY DEFINED CONTRIBUTION RETIREMENT PLAN – Plan ID 104666
- MESSIAH UNIVERSITY TAX DEFERRED ANNUITY PLAN – Plan ID 104667

Each of the above plans may offer different services and investments and may assess different fees. If you currently have a TIAA account, your quarterly statement lists the plan(s) that you have. If you do not have an account, please contact your employer to determine which plans apply to you.

RIGHT TO DIRECT INVESTMENTS

You may specify how your future contributions to the retirement plan are invested or make changes to existing investments in your plan as described in the Summary Plan Document. These changes can be made:

1. Online by visiting TIAA.org
2. By phone at **800 842-2252**, weekdays, 8 a.m. to 10 p.m. (ET)

RESTRICTIONS

Changes to existing investments usually take place at the close of the business day if a change is requested prior to 4:00 p.m. (ET). Refer to Section II: Investment Options Comparative Chart for investment-specific restrictions.

ADDITIONAL RIGHTS AND PRIVILEGES

Certain investments that you may hold may give you the opportunity to vote on proposals. If and when such opportunities arise, you will receive a notice with the instructions on how to take advantage of what is being offered.

INVESTMENT OPTIONS

A variety of investment options are available in the plan. Please refer to Section II: Investment Options Comparative Chart for a current list of investment options available to you. Additional information, as well as up-to-date investment performance, is available online at www.TIAA.org/planinvestmentoptions. After entering a plan ID, 104666, 104667, you'll be directed to plan and investment information.

COST OF PLAN SERVICES

There are three categories of services provided to your plan:

1. GENERAL ADMINISTRATIVE SERVICES

General administrative services include recordkeeping, legal, accounting, consulting, investment advisory and other plan administration services. Some of the expenses for general administrative services are fixed and other expenses such as legal or accounting may vary from year to year. These costs are allocated to each participant in a uniform way.

2. SPECIFIC INVESTMENT SERVICES

Each investment offered within the plan charges a fee for managing the investment and for associated services. This is referred to as the expense ratio and is paid by all participants in that investment in proportion to the amount of their investment. The specific expense ratio for each plan designated investment option is listed in Section II: Investment Options Comparative Chart.

3. PERSONALIZED SERVICES

Personalized services provide access to a number of plan features and investments that you pay for, only if you use them. The personalized services used most often are:

Collateralized Loans	The cost to you based upon the difference between what you earn on collateral and what you pay in interest. This applies to plan(s): 104666 104667
Qualified Domestic Relations Orders (QDRO)	No charge
Sales Charges, Purchase, Withdrawal And Redemption Fees For Certain Investments	Certain charges may apply. See Section II: Investment Options Comparative Chart or the prospectus for applicable charges.

Investment Options Comparative Chart

Your plan offers a variety of professionally managed investments. One of the benefits of the plan is that you get to decide how your contributions are invested. When making investment decisions, you should keep in mind how long you have until retirement, your tolerance for risk, how this retirement plan fits into your overall financial picture, and the impact of fees. The information on the following pages will help you compare the investment options and make more informed decisions about your retirement plan.

Part A – Performance and Fee Information

Part A consists of performance and fee information for your plan's investment options. It shows you how well the investments have performed in the past as well as any fees and expenses you will pay if you invest in a particular option.

For more information on the impact of fees and expenses associated with your plan, refer to Section I: Summary of Plan Services and Costs or visit the DOL's website at www.dol.gov/sites/default/files/ebsa/about-ebsa/our-activities/resource-center/publications/a-look-at-401k-plan-fees.pdf. Fees are only one of many factors to consider when making an investment decision.

Part B– Annuity Income Information

Part B contains information about the annuity options available within your employer's retirement plan.

Part A. Performance and Fee Information

The following chart lists your plan's investment options whose value may change based on market fluctuations. When evaluating performance of your variable investment options, you should consider comparing the returns of each investment to an appropriate benchmark, which is included in the chart. A benchmark is a generally accepted unmanaged group of securities whose performance is used as a standard point of reference to measure and compare investment gains or losses for variable return investments. Keep in mind that you may not invest in the benchmark indexes which are shown for comparative purposes only. For investments that use a blend of stocks and bonds to limit risk, such as Target Date or Multi-Asset funds, a difference from the benchmark may be due to a difference in the proportion of stocks to bonds in the fund when compared to the benchmark. Benchmark information for fixed-return investments is not provided in this chart. Past performance does not indicate how an investment will perform in the future.

For the most up-to-date information about your investment options, prospectuses for available TIAA investments and other helpful resources, visit www.TIAA.org/planinvestmentoptions. After entering a plan ID, 104666, 104667, you'll be directed to plan and investment information.

To request additional plan information or a paper copy of information available online, free of charge, contact TIAA at 800 842-2252 or write to us at TIAA, P.O. Box 1259, Charlotte, NC 28201.

Table 1 – Variable Return Investment Performance as of December 31, 2022

Investment Name / Benchmark	Morningstar Category	Ticker Symbol	Inception Date	Average Annual Total Returns/Benchmark			Total Annual Operating Expenses (%/Per \$1000)		
				1 Yr.	5 Yr.	10 Yr. or Since Inception	Gross	Net	Shareholder Fees & Restrictions*
Equities									
Variable Annuity									
CREF Stock Account R2	Allocation--85%+ Equity	QCSTPX	04/24/2015	-18.49%	5.60%	9.06%	0.29% \$2.90	0.29% \$2.90	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
Morningstar Aggressive Target Risk TR USD				-15.93%	5.25%	8.38%			
CREF Global Equities Account R2	Global Large- Stock Blend	QCGLPX	04/24/2015	-18.53%	5.35%	8.42%	0.28% \$2.80	0.28% \$2.80	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
MSCI ACWI NR USD				-18.36%	5.23%	7.98%			
CREF Equity Index Account R2	Large Blend	QCEQPX	04/24/2015	-19.29%	8.57%	11.83%	0.22% \$2.20	0.22% \$2.20	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
Russell 3000 TR USD				-19.21%	8.79%	12.13%			
CREF Growth Account R2	Large Growth	QCGRPX	04/24/2015	-32.37%	8.00%	12.50%	0.27% \$2.70	0.27% \$2.70	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
Russell 1000 Growth TR USD				-29.14%	10.96%	14.10%			
Fixed Income									
Variable Annuity									
CREF Inflation-Linked Bond Account R2	Inflation-Protected Bond	QCILPX	04/24/2015	-6.39%	2.41%	0.98%	0.23% \$2.30	0.23% \$2.30	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
Bloomberg US Treasury Inflation Notes 1-10 Yr TR USD				-7.34%	2.50%	1.29%			

Investment Name / Benchmark	Morningstar Category	Ticker Symbol	Inception Date	Average Annual Total Returns/Benchmark			Total Annual Operating Expenses (%/Per \$1000)		Shareholder Fees & Restrictions*
				1 Yr.	5 Yr.	10 Yr. or Since Inception	Gross	Net	
CREF Core Bond Account R2	Intermediate-Term Bond	QCBMPX	04/24/2015	-13.19%	0.10%	1.16%	0.28% \$2.80	0.28% \$2.80	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
Bloomberg US Aggregate Bond TR USD				-13.01%	0.02%	1.06%			
Money Market									
Variable Annuity									
CREF Money Market Account R2	Money Market-Taxable	QCMMPX	04/24/2015	1.07%	0.94%	0.52%	0.24% \$2.40	0.24% \$2.40	Available in all plans.
7-day current annualized yield 3.93% as of 12/27/2022 7-day effective annualized yield 4.01% as of 12/27/2022									
iMoneyNet Money Fund Averages - All Government				1.33%	0.96%	0.54%			
Multi-Asset									
Variable Annuity									
CREF Social Choice Account R2	Allocation--50% to 70% Equity	QCSCPX	04/24/2015	-15.51%	4.51%	6.55%	0.25% \$2.50	0.25% \$2.50	Available in all plans. Round Trip: If a round trip is made within 60 calendar days, exchanges into the same account will be restricted for 90 calendar days.
Morningstar Moderate Target Risk TR USD				-14.77%	3.73%	5.82%			
Real Estate									
Variable Annuity									
TIAA Real Estate Account	N/A	QREARX	10/02/1995	8.19%	6.93%	7.41%	0.77% \$7.70	0.77% \$7.70	Available in all plans. Transfers out: Limit 1 per quarter. Limitations may apply to any transaction resulting in a balance > \$150,000.
S&P 500 TR USD				-18.11%	9.42%	12.56%			

Table 1 shows fee and expense information for the investment options listed including the Total Annual Operating Expenses expressed as a percentage and a dollar amount based upon a \$1,000 accumulation both as net and gross 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.

*** Legend of plan name for each applicable plan number**

Plans	Plan Names
104666	MESSIAH UNIVERSITY DEFINED CONTRIBUTION RETIREMENT PLAN

104667

MESSIAH UNIVERSITY TAX DEFERRED ANNUITY PLAN

Table 2– Fixed Return Investments

The following chart lists the plan's investment options that have a fixed or stated rate of return.

Name/Type/Option	Return	Term	Additional Information*
Guaranteed Annuity			
TIAA Traditional-Group Supplemental Retirement Annuity	5.50%	Through 02/28/2023	<p>Available in plan(s): 104667</p> <p>The current rate shown applies to premiums remitted during the month of January 2023 and will be credited through 2/28/2023. 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 guaranteed minimum interest rate is 3.00%, and is effective while the funds remain in the contract. The account also offers the opportunity for additional amounts in excess of the guaranteed 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 Group Supplemental Retirement Annuity (GSRA) 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 restrictions or charges. After termination of employment additional income options may be available including income for life, income for a fixed period of time, and IRS required minimum distribution payments.</p>
TIAA Traditional-Supplemental Retirement Annuity	5.50%	Through 02/28/2023	<p>Available in plan(s): 104667</p> <p>The current rate shown applies to premiums remitted during the month of January 2023 and will be credited through 2/28/2023. 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 guaranteed minimum interest rate is 3.00%, and is effective while the funds remain in the contract. The account also offers the opportunity for additional amounts in excess of the guaranteed 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 Supplemental Retirement Annuity (SRA) 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 restrictions or charges. After termination of employment additional income options may be available including income for life, income for a fixed period of time, and IRS required minimum distribution payments.</p>

Name/Type/Option	Return	Term	Additional Information*
TIAA Traditional-Retirement Annuity	6.25%	Through 02/28/2023	<p>Available in all plans.</p> <p>The current rate shown applies to premiums remitted during the month of January 2023 and will be credited through 2/28/2023. 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 guaranteed minimum interest rate is 3.00%, and is effective while the funds remain in the contract. The account also offers the opportunity for additional amounts in excess of the guaranteed 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 Annuity (RA) contracts, lump-sum withdrawals are not available from the TIAA Traditional account. Subject to the terms of your plan, all withdrawals and transfers from the account must be paid in ten annual installments. After termination of employment additional income options may be available including income for life, interest-only payments, and IRS required minimum distribution payments.</p>

* Legend of plan name for each applicable plan number

Plans	Plan Names
104666	MESSIAH UNIVERSITY DEFINED CONTRIBUTION RETIREMENT PLAN
104667	MESSIAH UNIVERSITY TAX DEFERRED ANNUITY PLAN

Part B. Annuity Information

The information below focuses on the annuity options under the plan. Annuities are insurance contracts that allow you to receive a guaranteed stream of payments at regular intervals, usually beginning when you retire and lasting for your entire life. Annuities are issued by insurance companies. Guarantees of an insurance company are subject to its long-term financial strength and claims-paying ability.

TIAA Traditional Annuity Lifetime Income Option

OBJECTIVES / GOALS

To provide a guaranteed stable stream of income for your life and, if you choose, the life of an annuity partner. A TIAA Traditional Annuity provides income stability by providing a minimum guaranteed interest rate as well as the potential for additional interest. TIAA Traditional can be part of a diversified retirement portfolio that may include stocks (equities), bonds (fixed income), real estate, and money market investments. Electing a life annuity is just one of many payout options available under the TIAA Traditional Annuity.

PRICING FACTORS

The amount of your lifetime income is dependent upon many factors including:

- The type of annuity selected (single life, joint life, with or without guaranteed minimum periods), and your selection of either the standard or graded benefit method.
- The amount of accumulations converted to a life annuity.
- Your age and, if applicable, the age of your annuity partner.
- The projected returns of the TIAA Traditional Annuity.

Under no circumstances will you receive less than the guaranteed amount of income required under the annuity contracts. To learn more about investments that offer lifetime annuity income, please access the web link provided in the Performance and Fee Information section.

RESTRICTIONS / FEES

- You may not begin a one-life annuity after you attain age 90, nor may you begin a two-life annuity after you or your annuity partner attains age 90.
- Subject to contract terms, if your accumulation is less than \$5,000 on your annuity starting date, TIAA may choose instead to pay your accumulations to you in a single sum.
- If your TIAA annuity payment would be less than \$100, TIAA has the right to change the payment frequency which would result in a payment of \$100 or more.
- Once you have elected a lifetime annuity, your election is irrevocable.

TIAA Real Estate and CREF Variable Annuity Lifetime Income Options

OBJECTIVES / GOALS

To provide a variable stream of income for your life and, if you choose, the life of an annuity partner. This lifetime annuity provides a variable income that you cannot outlive. A variable annuity can be part of a diversified retirement portfolio that may include guaranteed, stocks (equities), bonds (fixed income), real estate, and money market investments. Electing a life annuity is just one of many payout options available.

PRICING FACTORS

The amount of your lifetime income is dependent upon many factors including:

- The type of annuity selected (single life, joint life, with or without guaranteed minimum periods).
- The amount of accumulations converted to a life annuity.
- Your age and, if applicable, the age of your annuity partner.
- The investment performance of the variable annuity account your annuity is based upon.

Variable annuity accounts don't guarantee a minimum income. Income fluctuates based on market performance and is directly tied to the accounts' investment returns. A 4% annual investment return is assumed. Generally, if the actual return in a given year is greater than 4% the amount of annuity income will increase; if it is less than 4%, the income will decrease. To learn more about investments that offer lifetime annuity income, please access the web link provided in the Performance and Fee Information section.

RESTRICTIONS / FEES

- You may not begin a one-life annuity after you attain age 90, nor may you begin a two-life annuity after you or your annuity partner attains age 90.
- Subject to contract terms, if your accumulation is less than \$5,000 on your annuity starting date, TIAA may choose instead to pay your accumulations to you in a single sum.
- If your annuity payment would be less than \$100, TIAA has the right to change the payment frequency which would result in a payment of \$100 or more.

- Once you have elected a lifetime annuity, your election is irrevocable.
- Upon annuitization of CREF accumulations, the expenses associated with CREF will be the same as the R3 Class regardless of the CREF Class prior to annuitization. The R3 Class has the lowest expense of all the CREF Classes.

Please visit www.TIAA.org/public/support/help/glossary/index.html for a glossary of investment terms relevant to the investment options under this plan.

Fees and expenses are only one of many factors to consider when you decide to invest in an option. You may also want to think about whether an investment in a particular option, along with your other investments, will help you achieve your financial goals. The cumulative effect of fees and expenses can substantially reduce the growth of your retirement savings. Visit the Department of Labor's website for an example showing the long-term effect of fees and expenses at www.dol.gov/sites/default/files/ebsa/about-ebsa/our-activities/resource-center/publications/a-look-at-401k-plan-fees.pdf.

TIAA important additional information:

The returns quoted represent past performance, which is no guarantee of future results. Returns and the principal value of your investment will fluctuate. Current performance may be higher or lower than that shown, and you may have a gain or a loss when you redeem your investments. Expense ratios shown are based on the most recent information available, but may not reflect all updates. Please consult the most recent prospectus or offering document for more detailed information.

Variable return investments (mutual funds and/or variable annuities) are offered through your plan sponsor's retirement plan. 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.

If a variable return investment option includes performance for periods beyond its inception date that performance is based on the performance of an older share class of the investment option. Such performance has not been restated to reflect expense differences between the two classes. If expense differences had been reflected, performance for these periods would be lower or higher than stated.

Expense ratios shown are 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.

TIAA Stable Value is a guaranteed annuity product that credits interest at a net rate announced in advance of each semi-annual rate guarantee period beginning 1/1 or 7/1. Declared crediting rates (i.e., before deductions for contract fees) will not be less than the current minimum guaranteed rate. TIAA may declare additional amounts of interest above the minimum guaranteed rate. When declared, such amounts are in effect for the semi-annual period and are not guaranteed for future periods. TIAA Stable Value guarantees are subject to TIAA's long-term financial strength and claims-paying ability.

The Contract holder (typically your employer as the sponsor of your plan) of TIAA Stable Value has the right to request a transfer of the contract's entire accumulation. This might occur if your employer has elected to use a new recordkeeper and has also elected to terminate the annuity contract. In this case, the TIAA Stable Value accumulation will be paid in a lump sum without any market value adjustments either within 90 days of the Discontinuance Date or two years from the Discontinuance Date based on a formula in the contract which references the movement of interest rates overtime. Only if the two year payout applies a Discontinuance Fee of, at most, 0.75% will be assessed which reduces the crediting rate during such period. Please refer to your contract certificate for additional details.

TIAA provides information on restrictions on record kept investment options, as well as performance and product information for all proprietary investment options. TIAA assumes no responsibility for damages or losses arising from the use of such information, and has not independently verified the accuracy or completeness of such information.

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The Morningstar Category classifies an investment option based on its investment style as measured by underlying portfolio holdings (portfolio statistics and compositions over the past three years). If the investment option 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.

There are inherent risks in investing in variable return investments including loss of principal. Please read the prospectus and carefully consider the investment objectives, risks, charges and expenses before investing.

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