Invest some of what you earn today for what you plan to accomplish tomorrow.

The Vanderbilt University Medical Center (VUMC) offers outstanding convenience and a variety of investment options in the VUMC Retirement Plan (the Plan). Take a look and see what a difference enrolling in the plan could make in achieving your goals.

Benefit from:

**Employee voluntary and mandatory contributions.** You can make voluntary contributions to the Plan on a pretax and/or Roth 403(b) after-tax contribution basis immediately. If you are eligible for mandatory and VUMC matching contributions, the voluntary contribution amount that you elect will be in addition to the mandatory contributions.

**VUMC matching contributions.** To help your contributions grow, VUMC will make employer matching contributions on your mandatory and voluntary contributions, if you are eligible. To learn more about matching contributions visit https://hr.mc.vanderbilt.edu.

**Roth 403(b) contributions.** Roth contributions to your Plan allow you to make after-tax contributions and withdraw any associated earnings completely tax free at retirement as long as the distribution is a qualified one.

**Retirement planning tools.** You have access to online tools designed to help you manage your assets as you plan for retirement.

**Convenience.** Your contributions are automatically deducted regularly from your paycheck.

**Tax savings now.** Your pretax contributions are deducted from your pay before income taxes are taken out. This means that you can actually lower the amount of current income taxes you pay each period. It could mean more money in your take-home pay versus saving money in a taxable account.

**Tax-deferred savings opportunities.** You pay no taxes on any earnings until you withdraw them from your account, enabling you to keep more of your money working for you now.

**Portability.** You can roll over eligible savings from a previous employer into VUMC’s Plan. You can also take your plan vested account balance with you if you leave.

**Investment options.** You have the flexibility to select from investment options that range from more conservative to more aggressive, making it easy for you to develop a well-diversified investment portfolio. Your plan offers you the option of having experienced professionals manage your account for you.

**Online beneficiary.** With Fidelity’s Online Beneficiaries Service, you can designate your beneficiaries, receive instant online confirmation, and check your beneficiary information virtually any time.

**Catch-up contributions.** If you make the maximum contribution to your plan account, and you are 50 years of age or older during the calendar year, you can make an additional “catch-up” contribution of $6,000 in 2017.

To learn more about what your plan offers, see “Frequently asked questions about your plan” later in this guide.

Enroll in your plan and invest in yourself today.
Frequently asked questions about your plan.

Here are answers to questions you may have about the key features, benefits, and rules of your plan.

When can I enroll in the Plan?
You are eligible to make voluntary contributions to the Plan immediately.

How do I enroll in the Retirement Plan?
Log on to Fidelity NetBenefits® at www.netbenefits.com/vumc or call the Fidelity Retirement Service Center at 800.343.0860 to begin making voluntary contributions in the Plan.

How much can I contribute?
Through automatic payroll deduction, you may contribute the lesser of 100 percent of your eligible pay, or the applicable IRS contribution limit on a pretax and/or Roth 403(b) after-tax contribution basis.

What is the IRS contribution limit?
The IRS contribution limit for 2017 is $18,000.

What is the Roth contribution option?
A Roth contribution to your Plan allows you to make after-tax contributions and withdraw any associated earnings completely tax free at retirement - as long as the distribution is a qualified one. A qualified distribution, in this case, is one that is taken at least five tax years after your first Roth 403(b) contribution and after you have attained age 59½, or become disabled or die. Through automatic payroll deduction, you can contribute between 1 percent and 100 percent of your eligible pay as designated Roth contributions, up to the annual IRS dollar limits.

For more information please log on to NetBenefits® at www.netbenefits.com/vumc and select "Library" from the home page.

When is my enrollment effective?
Your enrollment becomes effective once you elect a contribution percentage for voluntary contributions, which initiates the deduction from your pay. The voluntary salary deductions will generally begin with your next pay period after we receive your enrollment information, or as soon as administratively possible.

If you become eligible for mandatory contributions and are not yet enrolled in the Plan, you will be automatically enrolled at that time. To learn about mandatory contributions to the Plan visit the VUMC HR website at https://hr.mc.vanderbilt.edu.

Does VUMC contribute to my account?
If you are eligible, VUMC will help your retirement savings grow by matching up to 5 percent of your contributions. To learn more about VUMC’s matching contributions visit the VUMC’s HR website at https://hr.mc.vanderbilt.edu.

What are my investment options?
To help you meet your investment goals, the Plan offers you a range of options. You can select a mix of investment options that best suits your goals, time horizon, and risk tolerance. The many investment options available through the Plan include conservative, moderately conservative, and aggressive funds. A complete description of the Plan’s investment options and their performance, as well as planning tools to help you choose an appropriate mix, are available online at Fidelity NetBenefits.®
What are the single fund solution options in my plan?
If the idea of getting professional help to manage your investments appeals to you, your plan offers Target Date Funds. With Target Date Funds, the investment mix of stocks and bonds automatically becomes more conservative as the target retirement date approaches. Principal invested is not guaranteed at any time, including at or after the fund’s target date. Choose the fund that represents your anticipated year of retirement.

What are the annuity options in my plan?
An annuity is a contract issued by an insurance company and purchased by a consumer for long-term investing. There are various fees and expenses associated with annuities, and in certain situations withdrawal penalties may be applicable. An annuity is not a mutual fund. There are two types of annuities, variable and fixed.

Your Plan offers a fixed annuity. A fixed annuity lets you lock in a guaranteed rate of interest for a specific period—normally between three months and one year. As each “guarantee rate period” comes to a close, the insurance company sets a new interest rate for the upcoming period. Interest rates and time periods vary depending on the annuity contract. Guarantees are subject to the claims paying ability of the insurance company.

Is there a self-directed brokerage option in my plan?
For those desiring the most investment flexibility and choice, the Plan offers a self-directed brokerage option, which gives you access to many other mutual funds. A complete description of the Plan’s investment options and their performance, as well as planning tools to help you choose an appropriate mix, are available online at Fidelity NetBenefits®.

What are the managed account options in my plan?
The Plan offers Fidelity® Portfolio Advisory Service at Work, a managed account service that lets you delegate the day-to-day management of your workplace savings plan account to professional investment managers. Fidelity’s experienced professionals evaluate the investment options available in your Plan and identify a model portfolio of investments appropriate for an investor like you. The service then invests your account to align with this model portfolio and provides ongoing management of your account to address changes in the markets, your Plan’s investment lineup, and changes in your personal or financial situation.

With a managed account, you can take advantage of Fidelity’s resources and experience to help ensure that:

- Your investments are managed through the ups and downs of the market.
- You’re keeping your accounts aligned with your goals through annual reviews and check-ins.
- Your account is actively managed to create an opportunity for long-term gains while managing the risk associated with investing.

To see if Fidelity® Portfolio Advisory Service at Work is right for you, log on to NetBenefits® at https://netbenefits.fidelity.com/pas where you can easily enroll in the Service and learn more. Fidelity Representatives are available to answer any questions you may have about this managed account service. Call 866.811.6041 for more information.

Fidelity Portfolio Advisory Service at Work is a service of Strategic Advisers, Inc., a registered investment adviser and a Fidelity Investments company. This service provides discretionary money management for a fee.
What if I don’t make an investment election?
We encourage you to take an active role in saving for retirement and choose investment options that best suit your goals, time horizon, and risk tolerance. If you do not select specific investment options for your contributions, they will be invested in the Vanguard Institutional Target Retirement Fund Institutional Shares with the target retirement date closest to the year you might retire, based on your current age and assuming a retirement age of 65, at the direction of VUMC. Please refer to the chart in the Investment Options section for more detail.

If no date of birth or an invalid date of birth is on file at Fidelity your contributions may be invested in the Vanguard Institutional Target Retirement Income Fund Institutional Shares.

How much should I save for retirement?
Fidelity’s planning tools are designed to help you manage your assets as you plan for retirement. Simply log on to Fidelity NetBenefits® at www.netbenefits.com/vumc to access these tools.

What "catch-up" contribution can I make?
If you have reached age 50 or will reach 50 during the calendar year Jan. 1 – Dec. 31 and are making the maximum Plan or voluntary contribution, you may make an additional “catch-up” contribution each pay period. The maximum annual catch-up contribution is $6,000. Going forward, catch-up contribution limits will be subject to cost of living adjustments (COLAs) in $500 increments.

When am I vested?
You are immediately 100 percent vested in your own contributions to the VUMC Retirement Plan, as well as in any of VUMC’s matching contributions and any earnings on them.

Can I take a loan from my account?
Although your Plan account is intended for the future, you may borrow from your account for any reason.

Generally, the Plan allows you to borrow up to 50 percent of your vested account balance. The minimum loan amount is $1,000, and a loan must not exceed $50,000. You then pay the money back into your account, plus interest, through Fidelity’s Automated Clearing House (ACH) Service where the payments are deducted from your personal bank or credit union account. Any outstanding loan balances over the previous 12 months may reduce the amount you have available to borrow. You may have one loan outstanding at a time. The cost to initiate a loan is $75, and there is a quarterly maintenance fee of $6.25. The initiation and maintenance fees will be deducted directly from your individual Plan account. If you fail to repay your loan (based on the original terms of the loan), it will be considered in "default" and treated as a distribution, making it subject to income tax and possibly to a 10 percent early withdrawal penalty. Defaulted loans may also impact your eligibility to request additional loans. Be sure you understand the Plan guidelines and impact of taking a loan before you initiate a loan from your Plan account.

To learn more about or request a loan, log on to www.netbenefits.com/vumc or call the Fidelity Retirement Service Center at 800.343.0860.

Can I make withdrawals?
Withdrawals from the Plan are generally permitted when you terminate your employment, retire, reach age 59½, or have severe financial hardship, as defined by your Plan.

Can I move money from another retirement plan into my VUMC Retirement Plan?
You are permitted to roll over eligible pretax contributions from another 401(k) plan,
401(a) plan, 403(b) plan or a governmental 457(b) retirement plan account or eligible pretax contributions from conduit individual retirement accounts (IRAs). A conduit IRA is one that contains only money rolled over from an employer-sponsored retirement plan that has not been mixed with regular IRA contributions.

Contact your Fidelity Investment Representative for details.

Be sure to consider all your available options and the applicable fees and features of each before moving your retirement assets.

How do I access my account?
You can access your account online through Fidelity NetBenefits® at www.netbenefits.com/vumc or call the Fidelity Retirement Service Center at 800.343.0860 to speak with a representative or use the automated voice response system, virtually 24 hours, 7 days a week.

How do I designate my beneficiary?
Fidelity’s Online Beneficiaries Service, available through Fidelity NetBenefits®, offers a straightforward, convenient process that takes just minutes. Simply log on to NetBenefits® at www.netbenefits.com/vumc and click Profile from the main menu. If you do not have access to the Internet or prefer to complete your beneficiary information by paper form, please contact Fidelity at 800.343.0860.
Investment Options

Here is a list of investment options for the VUMC Retirement Plan. For up-to-date performance information and other fund specifics, go to www.netbenefits.com/vumc.

Lifecycle Funds

Placement of investment options within each risk spectrum is only in relation to the investment options within that specific spectrum. Placement does not reflect risk relative to the investment options shown in the other risk spectrums.

Investment options to the left have potentially more inflation risk and less investment risk

Investment options to the right have potentially less inflation risk and more investment risk

Vanguard Institutional Target Retirement Income Fund Institutional Shares
Vanguard Institutional Target Retirement 2015 Fund Institutional Shares
Vanguard Institutional Target Retirement 2020 Fund Institutional Shares
Vanguard Institutional Target Retirement 2025 Fund Institutional Shares
Vanguard Institutional Target Retirement 2030 Fund Institutional Shares
Vanguard Institutional Target Retirement 2035 Fund Institutional Shares
Vanguard Institutional Target Retirement 2040 Fund Institutional Shares
Vanguard Institutional Target Retirement 2045 Fund Institutional Shares
Vanguard Institutional Target Retirement 2050 Fund Institutional Shares
Vanguard Institutional Target Retirement 2055 Fund Institutional Shares
Vanguard Institutional Target Retirement 2060 Fund Institutional Shares
Vanguard Institutional Target Retirement 2065 Fund Institutional Shares

Target date investments are generally designed for investors expecting to retire around the year indicated in each investment’s name. The investments are managed to gradually become more conservative over time. The investment risks of each target date investment change over time as its asset allocation changes. They are subject to the volatility of the financial markets, including equity and fixed income investments in the U.S. and abroad and may be subject to risks associated with investing in high yield, small cap and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates.
The chart below lists the assigned fund the VUMC Retirement Plan believes will best fit your diversification needs should you not select an investment option.

<table>
<thead>
<tr>
<th>Your Birth Date*</th>
<th>Fund Name</th>
<th>Target Retirement Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before 1948</td>
<td>Vanguard Institutional Target Retirement Income Fund Institutional Shares</td>
<td>Retired before 2013</td>
</tr>
<tr>
<td>January 1, 1958 - December 31, 1962</td>
<td>Vanguard Institutional Target Retirement 2025 Fund Institutional Shares</td>
<td>Target Years 2023 - 2027</td>
</tr>
<tr>
<td>January 1, 1963 - December 31, 1967</td>
<td>Vanguard Institutional Target Retirement 2030 Fund Institutional Shares</td>
<td>Target Years 2028 - 2032</td>
</tr>
<tr>
<td>January 1, 1968 - December 31, 1972</td>
<td>Vanguard Institutional Target Retirement 2035 Fund Institutional Shares</td>
<td>Target Years 2033 - 2037</td>
</tr>
<tr>
<td>January 1, 1973 - December 31, 1977</td>
<td>Vanguard Institutional Target Retirement 2040 Fund Institutional Shares</td>
<td>Target Years 2038 - 2042</td>
</tr>
<tr>
<td>January 1, 1978 - December 31, 1982</td>
<td>Vanguard Institutional Target Retirement 2045 Fund Institutional Shares</td>
<td>Target Years 2043 - 2047</td>
</tr>
<tr>
<td>January 1, 1983 - December 31, 1987</td>
<td>Vanguard Institutional Target Retirement 2050 Fund Institutional Shares</td>
<td>Target Years 2048 - 2052</td>
</tr>
<tr>
<td>January 1, 1988 - December 31, 1992</td>
<td>Vanguard Institutional Target Retirement 2055 Fund Institutional Shares</td>
<td>Target Years 2053 - 2057</td>
</tr>
<tr>
<td>January 1, 1993 - December 31, 1997</td>
<td>Vanguard Institutional Target Retirement 2060 Fund Institutional Shares</td>
<td>Target Years 2058 - 2062</td>
</tr>
<tr>
<td>January 1, 1998 and later*</td>
<td>Vanguard Institutional Target Retirement 2065 Fund Institutional Shares</td>
<td>Target Years 2063 and beyond</td>
</tr>
</tbody>
</table>

*Dates selected by Plan Sponsor
Core Investment Options

Investment options to the left have potentially more inflation risk and less investment risk

CONSERVATIVE

Investment options to the right have potentially less inflation risk and more investment risk

AGGRESSIVE

<table>
<thead>
<tr>
<th>Money Market</th>
<th>Stable Value</th>
<th>Bond</th>
<th>Domestic Equities</th>
<th>International/Global</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail</td>
<td>Principal Fixed Account</td>
<td>Diversified</td>
<td>Small Value</td>
<td>Large Blend</td>
</tr>
<tr>
<td>Money Market Fund Admiral Shares</td>
<td></td>
<td></td>
<td></td>
<td>Vanguard FTSE Social Index Fund Institutional Shares</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vanguard Institutional Index Fund Institutional Shares</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Small Blend</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Vanguard Small-Cap Index Fund Institutional Shares</td>
</tr>
</tbody>
</table>

This spectrum, with the exception of the Domestic Equity category, is based on Fidelity’s analysis of the characteristics of the general investment categories of the investment options and not on the actual security holdings, which can change frequently. Investment options in the Domestic Equity category are based on the options’ Morningstar categories as of 07/31/2017. Morningstar categories are based on a fund’s style as measured by its underlying portfolio holdings over the past three years and may change at any time. These style calculations do not represent the investment options’ objectives and do not predict the investment options’ future styles. Investment options are listed in alphabetical order within each investment category. Risk associated with the investment options can vary significantly within each particular investment category, and the relative risk of categories may change under certain economic conditions. For a more complete discussion of risk associated with the mutual fund options, please read the prospectuses before making your investment decision. The spectrum does not represent actual or implied performance.
Fidelity BrokerageLink® combines the convenience of your workplace retirement plan with the additional flexibility of a brokerage account. It gives you expanded investment choices to manage your retirement contributions. BrokerageLink® includes investments beyond those in your plan’s lineup. The plan fiduciary neither evaluates nor monitors the investments available through BrokerageLink. It is your responsibility to ensure that the investments you select are suitable for your situation, including your goals, time horizon, and risk tolerance. See the fact sheet and commission schedule for applicable fees and risks.
Investment Options

Before investing in any mutual fund, consider the investment objectives, risks, charges, and expenses. Contact Fidelity for a mutual fund prospectus or, if available, a summary prospectus containing this information. Read it carefully.

DFA U.S. Targeted Value Portfolio Institutional Class

VRS Code: 42266

Fund Objective: The investment seeks long-term capital appreciation.

Fund Strategy: The fund, using a market capitalization weighted approach, purchases a broad and diverse group of the readily marketable securities of U.S. small and midcap companies that the Advisor determines to be value stocks. It may purchase or sell futures contracts and options on futures contracts for U.S. equity securities and indices, to adjust market exposure based on actual or expected cash inflows to or outflows from the fund. The fund does not intend to sell futures contracts to establish short positions in individual securities or to use derivatives for purposes of speculation or leveraging investment returns.

Fund Risk: The securities of smaller, less well-known companies can be more volatile than those of larger companies. Value stocks can perform differently than other types of stocks and can continue to be undervalued by the market for long periods of time. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income.
- Someone who is comfortable with value-style investments and the potentially greater volatility of investments in smaller companies.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- Additional Risk Information: Short positions pose a risk because they lose value as a security’s price increases; therefore, the loss on a short sale is theoretically unlimited.

Dodge & Cox Global Stock Fund

VRS Code: 18532

Fund Objective: The investment seeks long-term growth of principal and income.

Fund Strategy: Under normal circumstances, the fund will invest at least 40% of its total assets in securities of non-U.S. companies and at least 80% of its total assets in equity securities, including common stocks, depositary receipts evidencing ownership of common stocks, preferred stocks, securities convertible into common stocks, and securities that carry the right to buy common stocks.

Fund Risk: Foreign securities are subject to interest-rate, currency-exchange-rate, economic, and political risks, all of which may be magnified in emerging markets. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment that invests in both domestic and international markets.
- Someone who is willing to accept the volatility of the markets and the generally higher degree of risk associated with international investments.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
Harding Loevner International Equity Portfolio Institutional Class

VRS Code: 79276

Fund Objective: The investment seeks long-term capital appreciation.

Fund Strategy: The fund invests in companies based in developed markets outside the U.S. as well as in established companies in emerging and frontier markets. It normally invests at least 80% of its net assets (plus any borrowings for investment purposes) in common stocks, preferred stocks, rights and warrants issued by companies that are based outside the United States, securities convertible into such securities (including Depositary Receipts), and investment companies that invest in the types of securities in which the Portfolio would normally invest. The fund normally holds investments across at least 15 countries.

Fund Risk: Foreign securities are subject to interest-rate, currency-exchange-rate, economic, and political risks, all of which may be magnified in emerging markets. Growth stocks can perform differently from the market as a whole and can be more volatile than other types of stocks. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:

- Someone who is seeking to complement a portfolio of domestic investments with international investments, which can behave differently.
- Someone who is willing to accept the higher degree of risk associated with investing overseas.

Footnotes:

- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

Jackson Square SMID-Cap Growth Fund Institutional Class

VRS Code: 36245

Fund Objective: The investment seeks long-term capital appreciation.

Fund Strategy: The fund invests in companies based in developed markets outside the U.S. as well as in established companies in emerging and frontier markets. It normally invests at least 80% of its net assets (plus any borrowings for investment purposes) in common stocks, preferred stocks, rights and warrants issued by companies that are based outside the United States, securities convertible into such securities (including Depositary Receipts), and investment companies that invest in the types of securities in which the Portfolio would normally invest. The fund normally holds investments across at least 15 countries.

Fund Risk: Growth stocks can perform differently from the market as a whole and can be more volatile than other types of stocks. The securities of smaller, less well-known companies can be more volatile than those of larger companies. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in emerging markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:

- Someone who is seeking the potential for long-term share-price appreciation.
- Someone who is willing to accept the generally greater price volatility associated both with growth-oriented stocks and with smaller companies.

Footnotes:

- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- Russell 2500 Growth Index is a market capitalization-weighted index designed to measure the performance of the small to mid-cap growth segment of the U.S. equity market. It includes those Russell 2500 Index companies with higher price-to-book ratios and higher forecasted growth rates.
- The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class’s actual inception of 09/19/2016. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 12/01/2003, adjusted to reflect the fees and expenses of this share class (when this share class’s fees and expenses are higher). Please refer to a fund’s prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.
Loomis Sayles Core Plus Bond Fund Class Y
VRS Code: 89228

Fund Objective: The investment seeks high total investment return through a combination of current income and capital appreciation.

Fund Strategy: Under normal market conditions, the fund will invest at least 80% of its net assets (plus any borrowings made for investment purposes) in bonds, which include debt securities of any maturity. In addition, it will invest at least 65% of its net assets in investment grade securities. The fund will generally seek to maintain an effective duration of +/- 2 years relative to the Bloomberg Barclays U.S. Aggregate Bond Index.

Fund Risk: In general the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so avoiding losses caused by price volatility by holding them until maturity is not possible. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Who may want to invest:
- Someone who is seeking potential returns primarily in the form of interest dividends rather than through an increase in share price.
- Someone who is seeking to diversify an equity portfolio with a more conservative investment option.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- The Bloomberg Barclays U.S. Aggregate Bond Index is an unmanaged market value-weighted index for U.S. dollar denominated investment-grade fixed-rate debt issues, including government, corporate, asset-backed, and mortgage-backed securities with maturities of at least one year. Duration is a measure of a security’s price sensitivity to changes in interest rates. Duration differs from maturity in that it considers a security’s interest payments in addition to the amount of time until the security reaches maturity, and also takes into account certain maturity shortening features (e.g., demand features, interest rate resets, and call options) when applicable. Securities with longer durations generally tend to be more sensitive to interest rate changes than securities with shorter durations. A fund with a longer average duration generally can be expected to be more sensitive to interest rate changes than a fund with a shorter average duration.
- The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class’s actual inception of 12/30/1994. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 11/07/1973, adjusted to reflect the fees and expenses of this share class (when this share class’s fees and expenses are higher). Please refer to a fund’s prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Principal Fixed Account
VRS Code: 69448

Fund Objective: To provide a high quality investment option, earnings stability and liquidity, while offering a guarantee of principal and interest.

Fund Strategy: The Principal Fixed Account is backed by the general account of Principal Life Insurance Company. This diversified general account portfolio consists of public and private securities, commercial and residential mortgages and U.S. agency securities.
Fund Risk: The fund is backed by a diversified portfolio of fixed-income assets held in the general account of the issuer. Guarantees are subject to the claims paying ability of the issuer. Restrictions or fees may apply to exchanges or withdrawals. The Contracts provide for the payment of certain withdrawals and exchanges at book value during the terms of the Contracts. In order to maintain the Contract issuers’ promise to pay such withdrawals and exchanges at book value, the Contracts subject the fund and its participants to certain restrictions. For example, withdrawals prompted by certain events (e.g., layoffs, early retirement windows, spin-offs, sale of a division, facility closings, plan terminations, partial plan terminations, changes in laws or regulations) may be paid at the market value of the fund’s securities, which may be less than your book value balance or may restrict withdrawals in these events. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Certain investment options offered by your plan (e.g., money market funds, short term bond funds, certain asset allocation/lifecycle funds and brokerage window) may be deemed by the Contract issuers to “compete” with this fund. The terms of the Contracts prohibit you from making a direct exchange from this fund to such competing funds. Instead, you must first exchange to a non-competing fund for 90 days. While these requirements may seem restrictive, they are imposed by the Contract issuers as a condition for the issuer’s promise to pay certain withdrawals and exchanges at book value.

Fund short term trading fees: None

Who may want to invest:
- Someone who is interested in balancing an aggressive portfolio with an investment that seeks to provide a declared crediting rate that is reset on a periodic basis.
- Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income.

Footnotes:
- This description is only intended to provide a brief overview of the fund.
- This investment option is not a mutual fund.

Vanguard Dividend Growth Fund Investor Shares
VRS Code: 96117

Fund Objective: The investment seeks to provide, primarily, a growing stream of income over time and, secondarily, long-term capital appreciation and current income.

Fund Strategy: The fund invests primarily in stocks that tend to offer current dividends. It focuses on high-quality companies that have prospects for long-term total returns as a result of their ability to grow earnings and their willingness to increase dividends over time. These stocks typically—but not always—will be large-cap, will be undervalued relative to the market, and will show potential for increasing dividends. The fund seeks to be diversified across industry sectors.

Fund Risk: Value and growth stocks can perform differently from other types of stocks. Growth stocks can be more volatile.

Footnotes:
- The investment option is an annuity. The fund is managed by Principal Life Insurance Company. This description is only intended to provide a brief overview of the fund.
- This investment option is not a mutual fund.

Vanguard FTSE Social Index Fund Institutional Shares
VRS Code: 43131

Fund Objective: The investment seeks to track the performance of a benchmark index that measures the investment return of large- and mid-capitalization stocks.

Fund Strategy: The fund employs an indexing investment approach designed to track the performance of the FTSE4Good US Select Index. The index is composed of the stocks of companies that have been screened for certain social and environmental criteria by the index sponsor, which is independent of Vanguard. The Advisor attempts to replicate the index by investing all, or substantially all, of its assets in the stocks that make up the index.
Fund Risk: Value and growth stocks can perform differently from other types of stocks. Growth stocks can be more volatile. Value stocks can continue to be undervalued by the market for long periods of time. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income.
- Someone who is seeking both growth- and value-style investments and who is willing to accept the volatility associated with investing in the stock market.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- Additional Risk Information: The Fund’s social responsibility criteria will affect the fund’s exposure to certain issuers, industries, sectors, regions and countries and could cause the fund to sell or avoid stocks that subsequently perform well. In addition, undervalued stocks that do not meet the social criteria could outperform those that do.
- The FTSE4Good U.S. Select Index is composed of the stocks of companies that have been screened for certain social and environmental criteria by the index sponsor, which is independent of Vanguard.
- The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class’s actual inception of 01/14/2003. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 05/31/2000, adjusted to reflect the fees and expenses of this share class (when this share class’s fees and expenses are higher). Please refer to a fund’s prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Vanguard Institutional Index Fund Institutional Shares

VRS Code: 93556

Fund Objective: The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization stocks.

Fund Strategy: The fund employs an indexing investment approach designed to track the performance of the Standard & Poor’s 500 Index, a widely recognized benchmark of U.S. stock market performance that is dominated by the stocks of large U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

Fund Risk: Value and growth stocks can perform differently from other types of stocks. Growth stocks can be more volatile. Value stocks can continue to be undervalued by the market for long periods of time. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income.
- Someone who is seeking both growth- and value-style investments and who is willing to accept the volatility associated with investing in the stock market.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- S&P 500 Index is a market capitalization-weighted index of 500 common stocks chosen for market size, liquidity, and industry group representation to represent U.S. equity performance.
**Vanguard Institutional Target Retirement 2015 Fund Institutional Shares**

**VRS Code:** 65223

**Fund Objective:** The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

**Fund Strategy:** The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2015. As of March 31, 2017, its asset allocation among the underlying funds was as follows: Vanguard Total Bond Market II Index Fund 31.6%; Vanguard Total Stock Market Index Fund 26.7%; Vanguard Total International Stock Index Fund 18.0%; Vanguard Total International Bond Index Fund 13.4%; Vanguard Short-Term Inflation-Protected Securities Index Fund 10.3%.

**Fund Risk:** The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking an investment option intended for people in or very near retirement and who is willing to accept the volatility of diversified investments in the market.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

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**Vanguard Institutional Target Retirement 2020 Fund Institutional Shares**

**VRS Code:** 65224

**Fund Objective:** The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

**Fund Strategy:** The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2020. As of March 31, 2017, its asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 33.2%; Vanguard Total Bond Market II Index Fund 28.7%; Vanguard Total International Stock Index Fund 22.7%; Vanguard Total International Bond Index Fund 12.2%; Vanguard Short-Term Inflation-Protected Securities Index Fund 3.2%.

**Fund Risk:** The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking an investment option intended for people in or very near retirement and who is willing to accept the volatility of diversified investments in the market.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
Vanguard Institutional Target Retirement 2025 Fund Institutional Shares

VRS Code: 65225

**Fund Objective:** The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

**Fund Strategy:** The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2025 (the target year). As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 38.5%; Vanguard Total International Stock Index Fund 25.9%; Vanguard Total Bond Market II Index Fund 25.0%; Vanguard Total International Bond Index Fund 10.6%.

**Fund Risk:** The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

Vanguard Institutional Target Retirement 2030 Fund Institutional Shares

VRS Code: 65226

**Fund Objective:** The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

**Fund Strategy:** The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2030 (the target year). As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 43.0%; Vanguard Total International Stock Index Fund 28.9%; Vanguard Total Bond Market II Index Fund 19.7%; Vanguard Total International Bond Index Fund 8.4%.

**Fund Risk:** The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
Vanguard Institutional Target Retirement 2035 Fund Institutional Shares

VRS Code: 65227

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2035 (the target year). As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 47.5%; Vanguard Total International Stock Index Fund 31.9%; Vanguard Total Bond Market II Index Fund 14.5%; Vanguard Total International Bond Index Fund 6.1%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

Vanguard Institutional Target Retirement 2040 Fund Institutional Shares

VRS Code: 65228

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2040 (the target year). As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 52.1%; Vanguard Total International Stock Index Fund 34.8%; Vanguard Total Bond Market II Index Fund 9.2%; Vanguard Total International Bond Index Fund 3.9%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
Vanguard Institutional Target Retirement 2045 Fund Institutional Shares

VRS Code: 65229

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2045 (the target year). As of March 31, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.1%, Vanguard Total International Stock Index Fund 35.8%, Vanguard Total Bond Market II Index Fund 7.1%, Vanguard Total International Bond Index Fund 3.0%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund's name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund.

Vanguard Institutional Target Retirement 2050 Fund Institutional Shares

VRS Code: 65230

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2050 (the target year). As of March 31, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.1%, Vanguard Total International Stock Index Fund 35.8%, Vanguard Total Bond Market II Index Fund 7.1%, Vanguard Total International Bond Index Fund 3.0%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund's name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund.
Vanguard Institutional Target Retirement 2055 Fund Institutional Shares

VRS Code: 65231

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2055 (the target year). As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.1%, Vanguard Total International Stock Index Fund 35.8%, Vanguard Total Bond Market II Index Fund 7.1%, Vanguard Total International Bond Index Fund 3.0%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
• Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
• Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
• This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

Vanguard Institutional Target Retirement 2060 Fund Institutional Shares

VRS Code: 65232

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2060 (the target year). As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.1%, Vanguard Total International Stock Index Fund 35.8%, Vanguard Total Bond Market II Index Fund 7.1%, Vanguard Total International Bond Index Fund 3.0%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
• Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
• Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
• This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
Vanguard Institutional Target Retirement 2065 Fund Institutional Shares
VRS Code: 38995

Fund Objective: The investment seeks to provide capital appreciation and current income consistent with its current asset allocation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2065 (the target year). The fund’s asset allocation among the underlying funds is as follows: Vanguard Total Stock Market Index Fund 54.0%, Vanguard Total International Stock Index Fund 36.0%, Vanguard Total Bond Market II Index Fund 7.0%, Vanguard Total International Bond Index Fund 3.0%.

Fund Risk: The target date funds are designed for investors expecting to retire around the year indicated in each fund’s name. The funds are managed to gradually become more conservative over time as they approach their target date. The investment risk of each target date fund changes over time as its asset allocation changes. They are subject to the volatility of the financial markets, including that of equity and fixed income investments in the U.S. and abroad, and may be subject to risks associated with investing in high-yield, small-cap, and foreign securities. Principal invested is not guaranteed at any time, including at or after their target dates. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment option that gradually becomes more conservative over time and who is willing to accept the volatility of the markets.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option or who does not feel comfortable making asset allocation choices over time.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

Vanguard Institutional Target Retirement Income Fund Institutional Shares
VRS Code: 65221

Fund Objective: The investment seeks to provide current income and some capital appreciation.

Fund Strategy: The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors currently in retirement. As of March 31, 2017, the fund’s asset allocation among the underlying funds was as follows: Vanguard Total Bond Market II Index Fund 37.3%, Vanguard Total Stock Market Index Fund 18.0%, Vanguard Short-Term Inflation-Protected Securities Index Fund 16.8%; Vanguard Total International Bond Index Fund 15.9%; Vanguard Total International Stock Index Fund 12.0%.

Fund Risk: The fund is subject to the volatility of the financial markets, including that of equity and fixed income investments. Fixed income investments carry issuer default and credit risk, inflation risk, and interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Principal invested is not guaranteed at any time, including at or after retirement. Additional risk information for this product may be found in the prospectus or other product materials, if available.

Fund short term trading fees: None

Who may want to invest:
- Someone who is seeking an investment option intended for people in retirement and who is willing to accept the volatility of diversified investments in the market.
- Someone who is seeking a diversified mix of stocks, bonds, and short-term investments in one investment option and looking primarily for the potential for income and, secondarily, for share-price appreciation.

Footnotes:
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
Vanguard Prime Money Market Fund Admiral Shares

VRS Code: 44510

**Fund Objective:** The investment seeks to provide current income while maintaining liquidity and a stable share price of $1.

**Fund Strategy:** The fund invests primarily in high-quality, short-term money market instruments, including certificates of deposit, banker’s acceptances, commercial paper, Eurodollar and Yankee obligations, and other money market securities. To be considered high quality, a security must be determined by Vanguard to present minimal credit risk based in part on a consideration of maturity, portfolio diversification, portfolio liquidity, and credit quality. The fund invests more than 25% of its assets in securities issued by companies in the financial services industry.

**Fund Risk:** You could lose money by investing in a money market fund. Although the fund seeks to preserve the value of your investment at $1.00 per share, it cannot guarantee it will do so. The Fund may impose a fee upon the sale of your shares or may temporarily suspend your ability to sell shares if the Fund’s liquidity falls below required minimums because of market conditions or other factors. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund’s sponsor has no legal obligation to provide financial support to the fund and you should not expect that the sponsor will provide financial support to the fund at any time. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who has a low tolerance for investment risk and who wishes to keep the value of his or her investment relatively stable.
- Someone who is seeking to complement his or her bond and stock fund holdings in order to reach a particular asset allocation.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.

Vanguard Small-Cap Index Fund Institutional Shares

VRS Code: 23466

**Fund Objective:** The investment seeks to track the performance of a benchmark index that measures the investment return of small-capitalization stocks.

**Fund Strategy:** The fund employs an indexing investment approach designed to track the performance of the CRSP US Small Cap Index, a broadly diversified index of stocks of small U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

**Fund Risk:** The securities of smaller, less well-known companies can be more volatile than those of larger companies. Value and growth stocks can perform differently from other types of stocks. Growth stocks can be more volatile. Value stocks can continue to be undervalued by the market for long periods of time. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. These risks may be magnified in foreign markets. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking the potential for long-term share-price appreciation and, secondarily, dividend income.
- Someone who is seeking both growth- and value-style investments and who is willing to accept the generally greater volatility of investments in smaller companies.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- The CRSP US Small Cap Index includes U.S. companies that fall between the bottom 2%-15% of the investable market capitalization. There is no lower limit in market capitalization, other than what is specified by investability screens.
- The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class’s actual inception of 07/07/1997. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 10/03/1960, adjusted to reflect the fees and expenses of this share class (when this share class’s fees and expenses are higher). Please refer to a fund’s prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.
Vanguard Total Bond Market Index Fund Institutional Shares

VRS Code: 44511

**Fund Objective:** The investment seeks to track the performance of Bloomberg Barclays U.S. Aggregate Float Adjusted Index.

**Fund Strategy:** Bloomberg Barclays U.S. Aggregate Float Adjusted Index represents a wide spectrum of public, investment-grade, taxable, fixed income securities in the United States — including government, corporate, and international dollar-denominated bonds, as well as mortgage-backed and asset-backed securities — all with maturities of more than 1 year. All of its investments will be selected through the sampling process, and at least 80% of its assets will be invested in bonds held in the index.

**Fund Risk:** In general the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so avoiding losses caused by price volatility by holding them until maturity is not possible. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking potential returns primarily in the form of interest dividends rather than through an increase in share price.
- Someone who is seeking to diversify an equity portfolio with a more conservative investment option.

**Footnotes:**
- This description is only intended to provide a brief overview of the mutual fund. Read the fund’s prospectus for more detailed information about the fund.
- The Bloomberg Barclays U.S. Aggregate Float Adjusted Index measures the total universe of public, investment-grade, taxable, fixed income securities in the United States — including government, corporate, and international dollar-denominated bonds, as well as mortgage-backed and asset-backed securities — all with maturities of more than 1 year.
- The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class’s actual inception date of 12/11/1986, adjusted to reflect the fees and expenses of this share class (when this share class’s fees and expenses are higher.) Please refer to a fund’s prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.

Vanguard Total International Stock Index Fund Institutional Shares

VRS Code: 77800

**Fund Objective:** The investment seeks to track the performance of a benchmark index that measures the investment return of stocks issued by companies located in developed and emerging markets, excluding the United States.

**Fund Strategy:** The fund employs an indexing investment approach designed to track the performance of the FTSE Global All Cap ex US Index, a float-adjusted market-capitalization-weighted index designed to measure equity market performance of companies located in developed and emerging markets, excluding the United States. The index includes approximately 5,800 stocks of companies located in over 45 countries.

**Fund Risk:** Foreign securities are subject to interest-rate, currency-exchange-rate, economic, and political risks, all of which may be magnified in emerging markets. Value and growth stocks can perform differently from other types of stocks. Growth stocks can be more volatile. Value stocks can continue to be undervalued by the market for long periods of time. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, economic or other developments. Additional risk information for this product may be found in the prospectus or other product materials, if available.

**Fund short term trading fees:** None

**Who may want to invest:**
- Someone who is seeking to complement a portfolio of domestic investments with international investments, which can behave differently.
- Someone who is willing to accept the higher degree of risk associated with investing overseas.
Footnotes:

- This description is only intended to provide a brief overview of the mutual fund. Read the fund's prospectus for more detailed information about the fund.
- The analysis on these pages may be based, in part, on adjusted historical returns for periods prior to the class's actual inception of 11/29/2010. These calculated returns reflect the historical performance of the oldest share class of the fund, with an inception date of 04/29/1996, adjusted to reflect the fees and expenses of this share class (when this share class's fees and expenses are higher). Please refer to a fund's prospectus for information regarding fees and expenses. These adjusted historical returns are not actual returns. Calculation methodologies utilized by Morningstar may differ from those applied by other entities, including the fund itself.
- The FTSE Global All Cap ex US Index is part of a range of indices designed to help US investors benchmark their international investments. The index comprises large, mid and small cap stocks globally excluding the US.
This information is intended to be educational and is not tailored to the investment needs of any specific investor.

Fidelity Portfolio Advisory Service at Work is a service of Strategic Advisers, Inc., a registered investment adviser and a Fidelity Investments company. This service provides discretionary money management for a fee.

This document provides only a summary of the main features of the VUMC Retirement Plan and the Plan Document will govern in the event of discrepancies.

The Plan is intended to be a participant-directed plan as described in Section 404(c) of ERISA, which means that fiduciaries of the Plan are ordinarily relieved of liability for any losses that are the direct and necessary result of investment instructions given by a participant or beneficiary.

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