Janus Henders

Janus Henderson Global Research Portfolio

Ticker: JAWGX Institutional Shares

SUMMARY PROSPECTUS DATED APRIL 30, 2021

Before you invest, you may want to review the Portfolio's Prospectus, which contains more information about the Portfolio and its risks. You can find the Portfolio's Prospectus, reports to shareholders, and other information about the Portfolio online at janushenderson.com/VIT. You can also get this information at no cost by calling a Janus Henderson representative at 1-877-335-2687 or by sending an email request to prospectusrequest@janushenderson.com.

INVESTMENT OBJECTIVE

Janus Henderson Global Research Portfolio ("Global Research Portfolio") seeks long-term growth of capital.

FEES AND EXPENSES OF THE PORTFOLIO

This table describes the fees and expenses that you may pay if you buy and hold Shares of the Portfolio. Owners of variable insurance contracts that invest in the Shares should refer to the variable insurance contract prospectus for a description of fees and expenses, as the following table and examples do not reflect deductions at the separate account level or contract level for any charges that may be incurred under a contract. Inclusion of these charges would increase the fees and expenses described below.

ANNUAL FUND OPERATING EXPENSES

(expenses that you pay each year as a percentage of the value of your investment)

0.74%
0.10%
0.84%

(1) This fee may adjust up or down monthly based on the Portfolio's performance relative to its benchmark index over the performance measurement period. For more information regarding performance-based advisory fees, refer to "Management Expenses" in the Portfolio's Prospectus.

EXAMPLE:

The Example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in the Portfolio for the time periods indicated, reinvest all dividends and distributions, and then redeem all of your Shares at the end of each period. The Example also assumes that your investment has a 5% return each year and that the Portfolio's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 Year	3 Years	5 Years	10 Years
Institutional Shares	\$ 86	\$ 268	\$ 466	\$ 1,037

Portfolio Turnover: The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual fund operating expenses or in the Example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's turnover rate was 33% of the average value of its portfolio.

PRINCIPAL INVESTMENT STRATEGIES

The Portfolio pursues its investment objective by investing primarily in common stocks selected for their growth potential. The Portfolio may invest in companies of any size located anywhere in the world, from larger, well-established companies to smaller, emerging growth companies. The Portfolio typically invests at least 40% of its net assets in securities of issuers or companies that are economically tied to different countries throughout the world, excluding the United States. Because the Portfolio's investments in foreign securities are partially based on the composition of the Portfolio's benchmark index, the MSCI World IndexSM, the Portfolio's exposure to foreign markets may fluctuate in connection with variations in the foreign exposure of the benchmark index. The Portfolio may have significant exposure to emerging markets.

Janus Capital's equity research analysts, overseen by the Portfolio Oversight Team led by Janus Capital's Director of Research Matthew Peron (the "Central Research Team"), select investments for the Portfolio that represent the Central Research Team's high-conviction investment ideas in all market capitalizations, styles, and geographies. The Central Research Team, comprised of sector specialists, conducts fundamental analysis with a focus on "bottom-up" research, quantitative modeling, and

valuation analysis. Using this research process, analysts rate their stocks based upon attractiveness. Stocks considered to be attractive may have all or some of the following characteristics: (i) good and preferably growing free cash flow, (ii) strong and defensible market position, (iii) healthy risk/return profile, (iv) exemplary governance, and (v) attractive valuation. Analysts bring their high-conviction ideas to their respective sector teams. Sector teams compare the appreciation and risk potential of each of the team's high-conviction ideas and construct a sector portfolio that is intended to maximize the best risk-reward opportunities.

Positions may be sold when, among other things, there is no longer high conviction in the return potential of the investment, if the risk characteristics have caused a re-evaluation of the opportunity, or if the investment thesis for owning a position has changed. This may occur if the stock has appreciated and reflects the anticipated value, if another company represents a better risk-reward opportunity, or if the investment's fundamental characteristics deteriorate. Securities may also be sold from the portfolio to rebalance sector weightings.

Mr. Peron oversees the investment process and is responsible for the day-to-day management of the Portfolio. It is expected that the Portfolio will be broadly diversified among a variety of industry sectors. The Portfolio intends to be fully invested under normal circumstances. However, under unusual circumstances, if the Central Research Team does not have high conviction in enough investment opportunities, the Portfolio's uninvested assets may be held in cash or similar instruments.

The Portfolio may lend portfolio securities on a short-term or long-term basis, in an amount equal to up to one-third of its total assets as determined at the time of the loan origination.

PRINCIPAL INVESTMENT RISKS

The biggest risk is that the Portfolio's returns will vary, and you could lose money. The Portfolio is designed for long-term investors seeking an equity portfolio, including common stocks. Common stocks tend to be more volatile than many other investment choices.

Foreign Exposure Risk. The Portfolio normally has significant exposure to foreign markets as a result of its investments in foreign securities, including investments in emerging markets, which can be more volatile than the U.S. markets. As a result, its returns and net asset value may be affected to a large degree by fluctuations in currency exchange rates or political or economic conditions in a particular country. In some foreign markets, there may not be protection against failure by other parties to complete transactions. It may not be possible for the Portfolio to repatriate capital, dividends, interest, and other income from a particular country or governmental entity. In addition, a market swing in one or more countries or regions where the Portfolio has invested a significant amount of its assets may have a greater effect on the Portfolio's performance than it would in a more geographically diversified portfolio. The Portfolio's investments in emerging market countries, if any, may involve risks greater than, or in addition to, the risks of investing in more developed countries.

Emerging Markets Risk. The risks of foreign investing are heightened when investing in emerging markets. Emerging market securities involve a number of additional risks, which may result from less government supervision and regulation of business and industry practices (including the potential lack of strict finance and accounting controls and standards), stock exchanges, brokers, and listed companies. Information about emerging markets companies, including financial information, may be less available or reliable and Janus Capital's ability to conduct due diligence with respect to such companies may be limited. Accordingly, these investments may be potentially more volatile in price and less liquid than investments in developed securities markets, resulting in greater risk to investors. There is a risk in developing countries that a current or future economic or political crisis could lead to price controls, forced mergers of companies, expropriation or confiscatory taxation, imposition or enforcement of foreign ownership limits, seizure, nationalization, sanctions or imposition of restrictions by various governmental entities on investment and trading, or creation of government monopolies, any of which may have a detrimental effect on the Portfolio's investments. In addition, the taxation systems at the federal, regional, and local levels in developing or emerging market countries may be less transparent, inconsistently enforced, and subject to change. Emerging markets may be subject to a higher degree of corruption and fraud than developed markets, and financial institutions and transaction counterparties may have less financial sophistication, creditworthiness, and/or resources than participants in developed markets. In addition, the Portfolio's investments may be denominated in foreign currencies and therefore, changes in the value of a country's currency compared to the U.S. dollar may affect the value of the Portfolio's investments. To the extent that the Portfolio invests a significant portion of its assets in the securities of emerging markets issuers in or companies of a single country or region, it is more likely to be impacted by events or conditions affecting that country or region, which

could have a negative impact on the Portfolio's performance. As of December 31, 2020, approximately 4.6% of the Portfolio's investments were in emerging markets (i.e., countries included in the MSCI Emerging Markets IndexSM).

Market Risk. The value of the Portfolio's holdings may decrease if the value of an individual company or security, or multiple companies or securities, in the Portfolio decreases or if the investment personnel's belief about a company's intrinsic worth is incorrect. Further, regardless of how well individual companies or securities perform, the value of the Portfolio's holdings could also decrease if there are deteriorating economic or market conditions. It is important to understand that the value of your investment may fall, sometimes sharply, in response to changes in the market, and you could lose money. Market risk may affect a single issuer, industry, economic sector, or the market as a whole. Market risk may be magnified if certain social, political, economic, and other conditions and events (such as terrorism, conflicts, social unrest, natural disasters, epidemics and pandemics, including COVID-19) adversely interrupt the global economy and financial markets.

Management Risk. The Portfolio is an actively managed investment portfolio and is therefore subject to the risk that the investment strategies employed for the Portfolio may fail to produce the intended results. The Portfolio may underperform its benchmark index or other mutual funds with similar investment objectives.

Growth Securities Risk. The Portfolio invests in companies that the investment personnel believe have growth potential. Securities of companies perceived to be "growth" companies may be more volatile than other stocks and may involve special risks. If the investment personnel's perception of a company's growth potential is not realized, the securities purchased may not perform as expected, reducing the Portfolio's returns. In addition, because different types of stocks tend to shift in and out of favor depending on market and economic conditions, "growth" stocks may perform differently from the market as a whole and other types of securities.

Liquidity Risk. The Portfolio may invest in securities or instruments that do not trade actively or in large volumes, and may make investments that are less liquid than other investments. Also, the Portfolio may make investments that may become less liquid in response to market developments or adverse investor perceptions. Investments that are illiquid or that trade in lower volumes may be more difficult to value. When there is no willing buyer and investments cannot be readily sold at the desired time or price, the Portfolio may have to accept a lower price or may not be able to sell the security or instrument at all. Investments in foreign securities, particularly those of issuers located in emerging market countries, tend to have greater exposure to liquidity risk than domestic securities. In unusual market conditions, even normally liquid securities may be affected by a degree of liquidity risk (i.e., if the number and capacity of traditional market participants is reduced). An inability to sell one or more portfolio positions can adversely affect the Portfolio's value or prevent the Portfolio from being able to take advantage of other investment opportunities.

Mid-Sized Companies Risk. The Portfolio's investments in securities issued by mid-sized companies may involve greater risks than are customarily associated with larger, more established companies. Securities issued by mid-sized companies tend to be more volatile than securities issued by larger or more established companies and may underperform as compared to the securities of larger or more established companies.

Industry and Sector Risk. Although the Portfolio does not concentrate its investments in specific industries or industry sectors, it may have a significant portion of its assets invested in securities of companies conducting similar business, or business within the same economic sector. Companies in the same industry or economic sector may be similarly affected by economic or market events, making the Portfolio more vulnerable to unfavorable developments than funds that invest more broadly. As the Portfolio's holdings become more concentrated, the Portfolio is less able to spread risk and potentially reduce the risk of loss and volatility. In addition, the Portfolio may be overweight or underweight in certain industries or sectors relative to its benchmark index, which may cause the Portfolio's performance to be more or less sensitive to developments affecting those sectors.

Currency Risk. Currency risk is the risk that changes in the exchange rate between currencies will adversely affect the value (in U.S. dollar terms) of an investment. As long as the Portfolio holds a foreign security, its value will be affected by the value of the local currency relative to the U.S. dollar. When the Portfolio sells a foreign currency denominated security, its value may be worth less in U.S. dollars even if the security increases in value in its home country. U.S. dollar-denominated securities of foreign issuers may also be affected by currency risk, as the value of these securities may also be affected by currency risk, as the value of these securities may also be affected by changes in the issuer's local currency.

Securities Lending Risk. The Portfolio may seek to earn additional income through lending its securities to certain qualified broker-dealers and institutions. There is the risk that when portfolio securities are lent, the securities may not be returned on

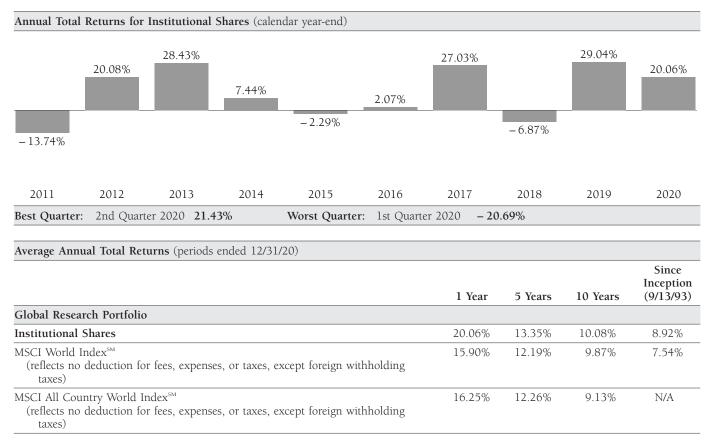
a timely basis, and the Portfolio may experience delays and costs in recovering the security or gaining access to the collateral provided to the Portfolio to collateralize the loan. If the Portfolio is unable to recover a security on loan, the Portfolio may use the collateral to purchase replacement securities in the market. There is a risk that the value of the collateral could decrease below the cost of the replacement security by the time the replacement investment is made, resulting in a loss to the Portfolio.

An investment in the Portfolio is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

PERFORMANCE INFORMATION

The following information provides some indication of the risks of investing in the Portfolio by showing how the Portfolio's performance has varied over time. The bar chart depicts the change in performance from year to year during the periods indicated, but does not include charges or expenses attributable to any insurance product, which would lower the performance illustrated. The Portfolio does not impose any sales or other charges that would affect total return computations. Total return figures include the effect of the Portfolio's expenses. The table compares the average annual returns for the Institutional Shares of the Portfolio for the periods indicated to broad-based securities market indices. All figures assume reinvestment of dividends and distributions. For certain periods, the Portfolio's performance reflects the effect of expense waivers. Without the effect of these expense waivers, the performance shown would have been lower.

The Portfolio's past performance does not necessarily indicate how it will perform in the future. Updated performance information is available at janushenderson.com/VITperformance or by calling 1-877-335-2687.



The Portfolio's primary benchmark index is the MSCI World Index. The Portfolio also compares its performance to the MSCI All Country World Index. The MSCI World Index is used to calculate the Portfolio's performance fee adjustment. The indices are described below.

- The MSCI World Index is a free float-adjusted market capitalization-weighted index that is designed to measure the equity market performance of developed market countries in North America, Europe, and the Asia/Pacific Region. The index includes reinvestment of dividends, net of foreign withholding taxes.
- The MSCI All Country World Index is an unmanaged, free float-adjusted, market capitalization-weighted index composed of stocks of companies located in countries throughout the world. It is designed to measure equity market performance in global developed and emerging markets. The index includes reinvestment of dividends, net of foreign withholding taxes.

MANAGEMENT

Investment Adviser: Janus Capital Management LLC

Portfolio Management: Matthew Peron is Janus Capital's Director of Research and Executive Vice President of the Portfolio, and has provided general oversight of the Central Research Team since April 2020.

PURCHASE AND SALE OF PORTFOLIO SHARES

Purchases of Shares may be made only by the separate accounts of insurance companies for the purpose of funding variable insurance contracts or by certain qualified retirement plans. Redemptions, like purchases, may be effected only through the separate accounts of participating insurance companies or through qualified retirement plans. Requests are duly processed at the NAV next calculated after your order is received in good order by the Portfolio or its agents. Refer to the appropriate separate account prospectus or plan documents for details.

TAX INFORMATION

Because Shares of the Portfolio may be purchased only through variable insurance contracts and certain qualified retirement plans, it is anticipated that any income dividends or net capital gains distributions made by the Portfolio will be exempt from current federal income taxation if left to accumulate within the variable insurance contract or qualified retirement plan. The federal income tax status of your investment depends on the features of your qualified retirement plan or variable insurance contract.

PAYMENTS TO INSURERS, BROKER-DEALERS, AND OTHER FINANCIAL INTERMEDIARIES

Portfolio shares are generally available only through an insurer's variable contracts, or through certain employer or other retirement plans (Retirement Products). Retirement Products are generally purchased through a broker-dealer or other financial intermediary. The Portfolio or its distributor (and/or their related companies) may make payments to the insurer and/or its related companies for distribution and/or other services; some of the payments may go to broker-dealers and other financial intermediaries. These payments may create a conflict of interest for an intermediary, or be a factor in the insurer's decision to include the Portfolio as an underlying investment option in a variable contract. Ask your financial advisor, visit your intermediary's website, or consult your insurance contract prospectus for more information.

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