

ROUDEBUSH HALL ROOM 212 OXFORD, OHIO 45056 (513) 529-6225 MAIN (513) 529-3911 FAX WWW.MIAMIOH.EDU

### BOARD OF TRUSTEES MIAMI UNIVERSITY

### Minutes of the Investment Subcommittee Meeting Roudebush 104 Miami University, Oxford Campus Wednesday, May 15, 2024

The meeting of the Investment Subcommittee was called to order by Subcommittee Chair Trustee Biff Bowman at 3:00 p.m., with sufficient members present to constitute a quorum. In addition to Trustee Bowman, Subcommittee members Trustees Steven Anderson and Mary Schell, and National Trustee Mark Sullivan were also present.

In addition to the Subcommittee members, Senior Vice President David Creamer, and Secretary to the Board of Trustees Ted Pickerill, from the President's Executive Cabinet were present. Representatives from the outside CIO, Strategic Investment Group (SIG), included; Nikki Kraus and Leah Posadas in person, and Marcus Krygier via Zoom. Associate Treasurer and Miami Foundation CFO Bruce Guiot, and Director of Investments and Treasury Services Tony Longi, were also present.

Trustee Anderson moved, Trustee Schell seconded, and by unanimous voice vote, with all voting in favor and none opposed, the minutes from the prior meeting was approved.

The Subcommittee reviewed the capital stack comprised of the endowment pool, the University's non-endowment investments, and its operating cash:

- Operating cash flow for FY24 through March 31<sup>st</sup> is tracking to forecast. Subsequently, additional cash was created to meet fiscal year end needs by locking in some gains from long term investments at the end of April.
- The endowment/PIF value exceeded \$800 million as of March 31<sup>st</sup> for the first time.
- The Committee discussed the potential investment earnings budget for the next fiscal year, considering the interest rate and capital market environment, expected return, sufficiency of the reserve for investment fluctuation, forecasted cash flow, and the overall size of the non-endowment pool.

The Committee reviewed investment performance for FY24 through March 31<sup>st</sup> for both the non-endowment and endowment.

- Returns have been robust fiscal year to date (FYTD); public equity markets have risen strongly.
- Non-endowment was up about 9.5% for the FYTD.
- Endowment/PIF was up about 10.6% (though some private capital figures are still being collected).

• Preliminary results for both pools for April, however, are negative, though still strongly positive FYTD.

SIG led the Committee through a discussion of investment risk tolerance within the long-term capital portion of the non-endowment pool. A similar discussion has begun with the Foundation's Investment Committee for the endowment. The intent is to help Miami better understand the sources of risk in the portfolios, to derive a sense of how the risk being taken can impact performance, and to appreciate tolerance for volatility. The discussion will continue at future meetings.

Finally, the Committee reviewed the endowment spending policy (no changes are recommended) and considered an adjustment to the <u>administrative fee policy</u>. The modification uses the current year market value in calculating the fee, rather than the previous year's market value, and is an accommodation to constraints within Workday. Trustee Sullivan moved to recommend approval by the full Board, Trustee Anderson seconded, and by unanimous voice vote, the Subcommittee recommended approval of the administrative fee policy change.

Trustee Sullivan then moved, Trustee Schell seconded, and by unanimous voice vote, with all voting in favor and none opposed, the Subcommittee adjourned at 5:00 p.m.

#### Attachments:

- Presentations
- Appendices

Theodore O. Pickerill II

/26/gll=

Secretary to the Board of Trustees



BOARD OF TRUSTEES ROUDEBUSH HALL ROOM 212 OXFORD, OHIO 45056 (513) 529-6225 MAIN (513) 529-3911 FAX WWW.MIAMIOH.EDU

May 17, 2024 Finance and Audit

#### **RESOLUTION R2024-40**

WHEREAS, Miami University incurs certain costs for the generation of new gifts that benefit the Miami University endowment fund; and

WHEREAS: the Miami University Board of Trustees previously adopted an Administrative Fee Policy which authorizes the assessment of an annual administrative fee to be used to offset some of the advancement and investment management expenses; and

WHEREAS: The Miami University Board of Trustees has determined the Administrative Fee Policy should be revised to reflect business practices; and

WHEREAS: The revised Administrative Fee Policy is hereby attached;

NOW THEREFORE BE IT RESOLVED: The Miami University Board of Trustees adopts revised the Administrative Fee Policy; and

BE IT FURTHER RESOLVED: Resolution R2020-08 is hereby rescinded.

Approved by the Board of Trustees

May 17, 2024

T. O. Pickerill II

126/31/-

Secretary to the Board of Trustees

### MIAMI UNIVERSITY Administrative Fee Policy May 2024

#### **OBJECTIVE**

The objective of the Administrative Fee Policy is to reimburse Miami University to support certain expenses related to the advancement and investment of the Miami University endowment fund and annual fund.

#### **REVENUE**

An administrative fee of 1.00 percent will be calculated against the market value of the Miami University endowment investment pool as of March 31<sup>st</sup> (in conjunction with the annual spending distribution calculation). The administrative fee may be reduced or waived for any endowed gift with the approval of the Vice President for University Advancement and the Senior Vice President for Finance and Business Services. The total administrative fee revenue will be distributed to the University's Education & General Fund at the end of the fiscal year and used to fund certain costs as described below. The fee, or partial fee, shall be distributed after the annual spending distribution has been distributed and shall only be distributed from accumulated earnings, except for quasi-endowments or unless a gift agreement permits distribution of the gift value.

#### **EXPENSES**

The administrative fee revenue shall be used to offset expenses as follows:

- Advancement: A portion of the administrative fee shall be used to fund advancement related expenses including but not limited to the salaries, operating, travel, and entertainment expenses of university advancement staff as determined by the Vice President for University Advancement
- Investment: A portion of the administrative fee shall be used to fund investment related expenses, including but not limited to the salaries of finance and business services staff related to investment and administration of endowment funds, travel and registration expenses related to external investment manager meetings and conferences, external audit fees, and external investment fees as determined by the Senior Vice President for Finance and Business Services

Any administrative fee balance not spent in the current fiscal year may be accumulated and carried forward to a future fiscal year.

This policy and the administrative fee rate will be reviewed on an annual basis by the Miami University Finance and Audit Committee's Investment Sub-committee.

#### MIAMI UNIVERSITY

Administrative Fee Policy September 2019May 2024

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This policy and the administrative fee rate will be reviewed on an annual basis by the Miami University Finance and Audit Committee's Investment Sub-committee.



## Miami University

## Board of Trustees Investment Subcommittee

May 15, 2024

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## What Actions Will Be Taken in the Meeting?



### What Actions Will the Board of Trustees Investment Subcommittee Be Asked to Perform?

- Approve February 21, 2024 meeting minutes.
- Review and approve suggested edits to the University's Administrative Fee Policy.



## What Are the Key Takeaways?

(Pages covered in parentheses)



- FY24 cash flow through March is trending as expected, and investment earnings are trending above budget. (12-16)
- Both absolute and relative performance over the past quarter were strong, pushing the Tier III portfolio's fiscal year-to-date return through March to 11.6%, ahead of the benchmark's 9.7% gain. (18-21)
- The Tier III portfolio's relative outperformance for the trailing 12 months was driven by manager selection, particularly in the non-U.S. equity, hedge funds, and U.S. equity asset classes. (24-25)
- The MUF Investment Committee is working toward formally stating the risk and return appetite for the Endowment. Strategic has prepared similar metrics for consideration with the Tier III Portfolio. (32-42)
- Minor edits are being proposed to the University's Administrative Fee Policy. (44-46)



## Presenter Biographies



Nikki Kraus, CFA
President and Chief Client Officer

- President and Chief Client Officer of Strategic and a member of its Board of Managers and Management Committee.
- 29 years of experience in the OCIO industry, having most recently served as Director of Institutional Business at Hirtle, Callaghan & Co., where she attracted and serviced a broad range of clients. Before that she held various positions at SEI Investments Company working with OCIO clients.
- Serves on the Investment Advisory Subcommittee of the John Templeton Foundation.
- Serves on the U.S. Impact Committee for 100 Women in Finance and as a mentor for Girls Who Invest.
- Co-author of *Endowment Management for Higher Education* (most recent edition published in February 2022), a publication released by the Association of Governing Boards of Universities and Colleges (AGB), and *Endowment Management for Foundations and Nonprofits*, published in October 2022, in partnership with AGB and the Council on Foundations.
- Extensive experience working with college and university endowments. Active collaboration with National Association of
  College and University Business Officers (NACUBO) for nearly a decade and has presented or spoken at NACUBO events
  multiple times (NACUBO EMF in 2020, 2019, 2018, 2017 and 2013 and on Endowment Study Webcast in 2013 for 2012 study).
  Speaker at many AGB events (2016, 2017, 2018 twice, 2019 and 2020). Often asked to provide insights on best practices for
  college and university Investment Committees.
- B.A. in English and Computer Applications from the University of Notre Dame.
- CFA charterholder and a member of the CFA Society of Washington, D.C.
- Years in Industry: 29.



## **Presenter Biographies**



Markus Krygier, Ph.D.
Co-Chief Investment Officer

- Member of the Office of the CIO, responsible for all aspects of Strategic's investment process, portfolios, and performance.
   Also, a member of Strategic's Board of Managers and the Management Committee.
- Assesses, coordinates and communicates Strategic's economic, capital markets, investment strategy and management outlook.
   Works closely with investment, research and analytical staff in developing, integrating, and implementing investment policy for the firm's clients.
- · Member of Strategic's Diversity, Equity, and Inclusion Committee.
- Previously Deputy Chief Investment Officer at Amundi Asset Management in London. Prior to Amundi, at Dresdner Kleinwort in London as a Managing Director, Chief Debt Strategist and Global Head of FX Strategy; at the International Monetary Fund as economist in the International Capital Markets division; and as Head of Global Strategy at Credit Agricole Asset Management in London and Paris.
- Ph.D. in Economics from Wayne State University, holds the Advanced Studies Certificate in International Economic Policy
  Research from the Kiel Institute of the World Economy, an M.A. in Economics from Wayne State University, and completed his
  undergraduate studies in Economics and Political Science at the University of Freiburg in Germany.
- Years in Industry: 27.



**Leah Posadas** *Director, Client Portfolio Management* 

- Directs the development, implementation, and ongoing management of client-focused investment solutions leveraging the full resources of the firm.
- · Chair of Strategic's Diversity, Equity, and Inclusion Committee.
- Prior to joining Strategic in 2014, she was a Vice President and Portfolio Analyst at Lazard Asset Management, where she worked with the global tactical asset allocation and fixed income strategies. She began her career as a Junior Analyst at Mosaic Capital Advisors, a long-short hedge fund based in New York City.
- B.S. in Finance and a B.S. in Entrepreneurial Studies from the University of Minnesota.
- · Years in Industry: 18.



# Investment Committee Agenda May 15, 2024

- I. Approval of Meeting Minutes Guiot
- II. Non-Endowment Review Creamer and Guiot
  - a. Capital Stack
  - b. Tier Allocation
  - c. FY25 Investment Earnings Budget Planning
  - d. Cash Flow
- **III.** <u>Investment Performance Review</u> FYTD

2024 – Strategic

- a. Non-Endowment
- b. Endowment
- IV. <u>Risk Appetite Discussion</u> Strategic

- V. Annual Policy Reviews Guiot
  - a. Endowment Spending Policy
  - b. Endowment Administrative Fee Policy
- VI. <u>Appendices</u> (see separate attachment)
  - a. Performance Update Supplemental Slides
  - b. Outlook and Strategy Supplemental Slides
  - c. FY 2024 Goals and Calendar
  - d. March 2024 Performance Detail





**Approval of Meeting Minutes** 





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### BOARD OF TRUSTEES MIAMI UNIVERSITY

### Minutes of the Investment Subcommittee Meeting Roudebush 104 Miami University, Oxford Campus Wednesday, February 21, 2024

The meeting of the Investment Subcommittee was called to order at 3:00 p.m. by Trustee Steve Anderson, who was serving as Chair in the absence of Trustee Bowman. In addition to Trustee Anderson, Subcommittee members Mary Schell, and National Trustee Mark Sullivan were also present. Chair Bowman was absent.

In addition to the Subcommittee members, President Crawford, Senior Vice President David Creamer, and Secretary to the Board of Trustees Ted Pickerill, from the President's Executive Cabinet were present. Representatives from the outside CIO, Strategic Investment Group (SIG), included; Leah Posadas and Marcus Krygier, in person; and Nikki Kraus via telephone. Associate Treasurer and Miami Foundation CFO Bruce Guiot, and Director of Investments Tim Viezer, were also present, along with the incoming Director of Investments Tony Longi.

Trustee Schell moved, Trustee Sullivan seconded, and by unanimous voice vote, with all voting in favor and none opposed, the minutes from the two prior meetings were approved.

The Subcommittee reviewed the capital stack comprised of the endowment pool, the University's non-endowment investments, and its operating cash:

- Operating cash flow for FY24 through December 31<sup>st</sup> is tracking behind forecast. The Subcommittee expects additional cash to be created by locking in some gains from long term investments in the spring
- The endowment/PIF was valued at \$751 million as of December 31st, an all-time high

The Subcommittee also reviewed investment performance for FY24 through December 31st for both the non-endowment and endowment.

- Returns that were negative through October have turned positive FYTD as public equity markets have risen strongly while interest rates declined
- The non-endowment was up about 4.9% for the FYTD
- The endowment/PIF was up about 4.7% (although some private capital figures are still being collected)
- Preliminary results for both pools for January are also positive

SIG reviewed their capital market assumptions, which are unchanged.

SIG also reviewed the results of their annual stress tests, which provide an indication of how the portfolios might react in various negative market scenarios. The results were within the expected risk tolerance. The subcommittee also discussed the potential impact of a drawdown on the endowment's ability to make its annual distributions. Modelling by the staff indicates that a loss of up to 9% for the fiscal year should not have a material impact on distributions.

SIG provided a review of their approach to investing in the fixed income asset class. SIG typically combines allocations to high quality U.S. Treasuries with credit sensitive strategies. The resulting exposure provides diversification and the potential for added value. In fact, it has been a positive contributor to performance this year.

The Subcommittee also discussed the Investment Policy.

Trustee Sullivan then moved, Trustee Schell seconded, and by unanimous voice vote, with all voting in favor and none opposed, the Subcommittee adjourned at 4:30 p.m.

#### Attachments:

- <u>Presentation</u>
- Appendices

Theodore O. Pickerill II

Secretary to the Board of Trustees

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Non-Endowment Review



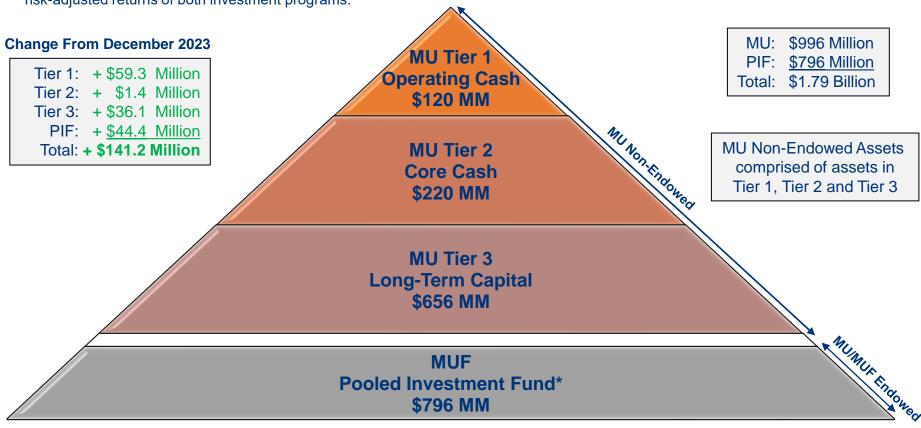
## **University Capital Stack**

## Capital Stack as of March 31, 2024



### **MU/MUF Capital Stack**

MU Non-Endowed and MUF Pooled Investment Fund Investment Policy Statements: "For investment strategy purposes, the University's Non-Endowment and Foundation Pooled Investment Fund portfolios should be considered together. The liquidity, risk, and return characteristics of the combined pools provide the opportunity to more effectively deploy capital and improve the overall risk-adjusted returns of both investment programs."



<sup>\* \$110,846</sup> in cash is in transition out of the PIF endowment as of March 31, 2024.



## Capital Stack Earnings Summary

## FYTD as of March 31, 2024



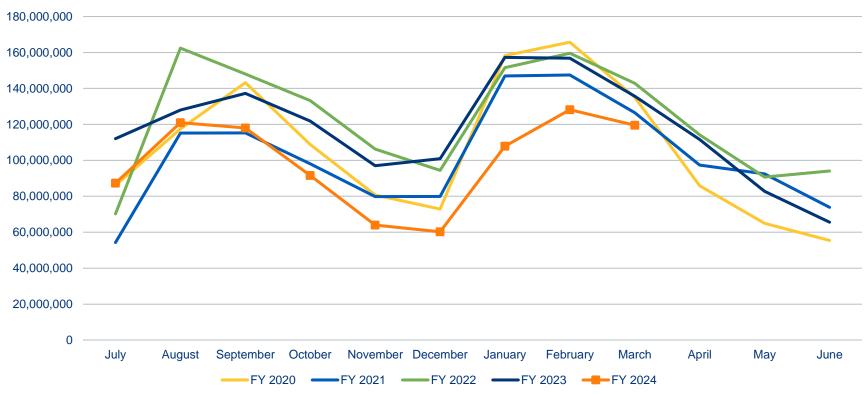
	Net Interest & Dividends	Realized Gains/Losses	Unrealized Gains/Losses	Total
TIER I	\$2,200,845	\$0	\$0	\$2,200,845
TIER II	\$2,969,551	\$2,275,847	\$765,464	\$6,010,862
TIER III	\$2,099,647	<u>\$5,404,773</u>	\$60,329,019	\$67,833,439
NON-ENDOWMENT TOTAL	\$7,270,043	\$7,680,620	\$61,094,483	\$76,045,146
FY23 EARNINGS BUDGET				\$22,000,000
DIFFERENCE				\$54,045,146
POOLED INVESTMENT FUND	\$2,285,604	\$5,776,650	\$69,024,194	\$77,086,447



## Last Five-Year Cash Flow Cycle









## Miami University Non-Endowment

### Reserve for Investment Fluctuations Stress Test



					Estimates		
MU Non-Endowment	As of June 30, 20	022	As of June 30, 20	<u> 023*</u>	As of March 31, 2	2024*	
Tier 1: Operating Cash	96,634,698	11%	65,555,928	7%	146,344,000	15%	**
Tier 2: Core Cash	226,119,383	27%	221,203,665	25%	220,254,477	22%	
Tier 3: Long Term Capital	527,351,567	<u>62%</u>	587,770,731	<u>67%</u>	 625,119,602	<u>63%</u>	**
Total Tiers 1, 2, & 3	\$ 850,105,648	100%	\$ 874,530,324	100%	\$ 991,718,079	100%	

<sup>\*</sup> At 3/31/2024, Tier 2 includes Baseline (\$197,716,618) and Special Projects funds designated for Boldly Creative (\$22,537,859). Boldly Creative annual draw of \$8,821,834 was made in August 2023.

<sup>\*\*</sup> Tier 3 balance is net of \$30 million draw at 4/30/2024 & Tier 1 includes this draw; Tier I cash will decline through June 30.

Reserve For Investment Fluctuations Target			<u>Proj</u>	ections for 6/30/2024
20% loss on previous FY-end Tier 3 Two years of investment earnings budget	 105,470,313 30,000,000	 117,554,146 44,000,000		125,023,920 50,000,000
Total Reserve for Investment Fluctuations Target	\$ 135,470,313	\$ 161,554,146	\$	175,023,920
Current Reserve for Investment Fluctuations Balance	\$ 132,572,984	\$ 169,597,847 ***	\$	169,597,847
Difference between Reserve Target and Current Balance	\$ (2,897,329)	\$ 8,043,701	\$	(5,426,073)
Actual Tier II Baseline Balance	\$ 186,122,677	\$ 190,706,679	\$	197,717,000
Difference between Baseline Target and Current Balance	\$ 53,549,693	\$ 21,108,832	\$	28,119,153
Investment earnings budget as % of total non-endowment	1.76%	2.52%		2.74%****
Investment earnings budget as % of Tier III	2.84%	3.74%		4.00%

<sup>\*\*\*</sup> Reserve increased by \$37,024,863 at end of FY23 representing surplus non-endowment investment earnings over budget

#### Non-endowment Investment Policy:

<sup>-</sup> The target Baseline balance is based upon the reserve for investment fluctuations.



<sup>\*\*\*\*</sup> June 30 estimated total market value reduced by expected cash draw during June quarter

<sup>-</sup> The target balance of the reserve for future investment fluctuations is determined as 20% of the previous fiscal year-end Non-Endowment pool Tier III Long Term Capital balance, plus two years of budgeted Non-Endowment investment earnings.

# Non-Endowment Observations and Conclusions April 2024



#### TIER I:

- FY24 cash flow trending negative for full year as expected
  - \$116.3 million balance at 3/31/2024
  - Inflow in line with forecast
  - · Outflow slightly more than forecast
- Spring semester tuition receipts in line with forecast
- Transferred \$30 million from Tier III to Tier I at April 30 to meet year end liquidity target and realize investment gains

#### TIER II:

- Tier II Baseline balance as of 3/31: \$197.7 million
- Special Initiative balance as of 3/31: \$22.5 million
- Maintain Tier II balances

#### **NON-ENDOWMENT:**

- Reserve for Investment Fluctuations current target: \$161.5 million
- Reserve for Investment Fluctuations current balance: \$169.5 million
- Investment earnings FYTD through 3/31 trending above \$22 million budget at \$76 million

#### **FY25 BUDGET PLANNING:**

- Negative cash flow for full year expected to continue
- Interest rate direction & timing uncertain
- For \$25 million investment earnings budget, return needed:
  - · approximately 4.00% of Tier III



Fiscal Year-to-Date Update: Investment Performance Non-Endowment Endowment



## Miami University Non-Endowment Portfolios

## Investment Performance Review – as of March 31, 2024

	Rates of Return (%)												
Asset Class Benchmark	Market Value (\$ mill)	Strategic Portfolio (%)	1 Month	3 Month	Fiscal Year To Date	Calendar Year To Date	1 Year	3 Year	5 Year	10 Year	Since Policy Inception	Since Inception	Inception Date
Miami University Long-Term Capital Tier III (Net of Sub-Mgr Fees)	655.532	100.0%	2.7	5.9	11.8	5.9	14.8	5.4	8.1	5.4	9.2	5.2	30-Jun-02
Miami University Long-Term Capital Tier III (Net of Sub-Mgr and Strategic Fees)	655.532	100.0%	2.6	5.8	11.6	5.8	14.6	5.2	7.8		9.0		31-Dec-18
Total Portfolio Policy Benchmark Total Portfolio Policy Benchmark (Net of Fees)			2.3 2.3	4.3 4.3	9.9 9.7	4.3 4.3	12.7 12.5	3.5 3.3	6.8 6.6	4.8	8.1 7.9	4.9	
Miami University - Baseline Tier II (Net of Sub-Mgr Fees)	197.717	100.0%	0.2	0.6	3.7	0.6	4.3	1.8	1.8	1.5	1.8	2.5	30-Jun-02
Miami University - Baseline Tier II (Net of Sub-Mgr and Strategic Fees)	197.717	100.0%	0.2	0.6	3.7	0.6	4.3	1.8	1.7		1.7		31-Dec-18
Total Portfolio Policy Benchmark Total Portfolio Policy Benchmark (Net of Fees)			0.4 0.4	0.8 0.8	3.9 3.8	0.8 0.8	4.2 4.2	1.4 1.3	1.6 1.6	1.2	1.7 1.6	2.0	
Miami University Special Initiatives Fund (Net of Sub-Mgr Fees)	22.538	100.0%	0.4	0.8	3.8	0.8	3.8	0.5	1.8		2.4	2.4	19-Sep-18
Miami University Special Initiatives Fund (Net of Sub-Mgr and Strategic Fees)	22.538	100.0%	0.4	0.8	3.8	0.8	3.8	0.4	1.8		2.3	2.3	19-Sep-18
Total Portfolio Policy Benchmark			0.4	0.8	3.8	0.8	3.8	0.4	1.7	-	2.3	2.3	
Miami University Core Cash (Net of Sub-Mgr Fees)	220.254		0.2	0.7	3.7	0.7	4.2	1.6	2.0	1.7	2.2	2.6	30-Jun-02
Miami University Core Cash (Net of Sub-Mgr and Strategic Fees)	220.254		0.2	0.6	3.7	0.6	4.2	1.5	1.9	-	2.1		31-May-18
Total Miami University Client Group (Net of Sub-Mgr and Strategic Fees)	875.787		2.0	4.5	9.5	4.5	11.7	4.2	6.0	4.1	3.8	3.8	30-Jun-02



## Miami University Non-Endowment (LTC)

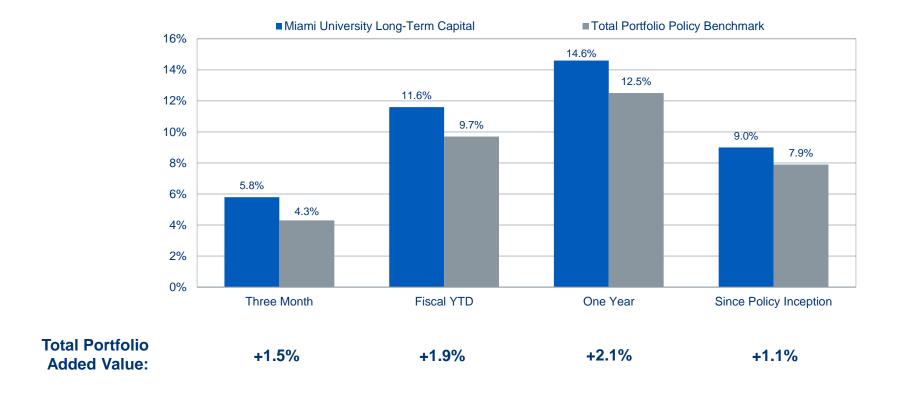
### Performance Drivers, Observations, and Conclusions

- 1. Fiscal year-to-date through March 31, 2024, the Tier III portfolio was up 11.6%, ahead of the benchmark's 9.7% gain.
  - Fiscal year-to-date returns improved strongly on an absolute and relative basis over the past quarter on the back of very strong equity and hedge fund returns.
- 2. For the year ending March 31, 2024, the Long-Term Capital (Tier III) portfolio gained 14.6% (net of all fees), ahead of the policy benchmark return of 12.5% over the same period.
  - Absolute returns were up due mainly to strong results in public equities (23%), hedge funds (11.5%) and fixed income (3.9%).
  - On a relative basis, the portfolio has outperformed due to manager selection and asset class positioning in hedge funds (+550 bps), non-U.S. equities (+450 bps versus benchmark), U.S. equities (+240bps), and fixed income (+130 bps).
- 3. Preliminary results for April are down on an absolute and up on a relative basis, with a return of -1.9% versus 2.3% for the benchmark.
- 4. The macro environment will remain uncertain as the struggle between monetary policy and inflation plays out well into 2024.
  - The environment continues to favor active management, with the opportunity set potentially increasing as economic/valuation pressures mount.



## Miami University Non-Endowment (LTC)

## Investment Performance - as of March 31, 2024



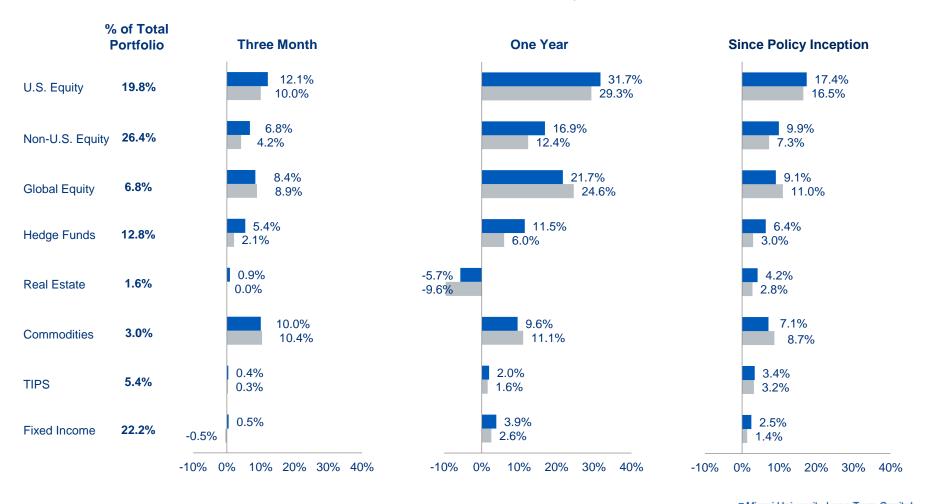
Fiscal year-to-date, the portfolio returned 11.6% net of all fees, ahead of the policy benchmark by 190 bps.

Total portfolio added value and graphed returns may differ slightly due to rounding. Data as of March 31, 2024. Since Policy inception is the period from 12/31/2018 to 3/31/2024. All total portfolio returns are shown net of sub-manager and Strategic fees. All policy benchmark returns are shown net of estimated passive management fees and rebalancing costs.



## Miami University Non-Endowment (LTC)

## Investment Performance Review – as of March 31, 2024



<sup>■</sup> Miami University Long-Term Capital

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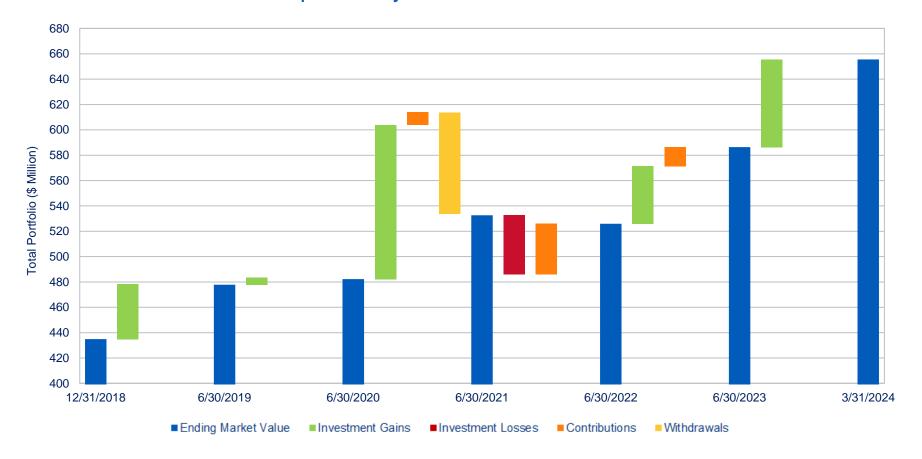
Data as of March 31, 2024. Since Policy inception is the period from 12/31/2018 to 3/31/2024. Please refer to the footnotes in your monthly report for detail on the returns calculations, benchmarks and other important information.



<sup>■</sup> Total Portfolio Policy Benchmark

## Portfolio Review – Miami University Non-Endowment (LTC)

Portfolio Growth Since Inception – by Fiscal Year



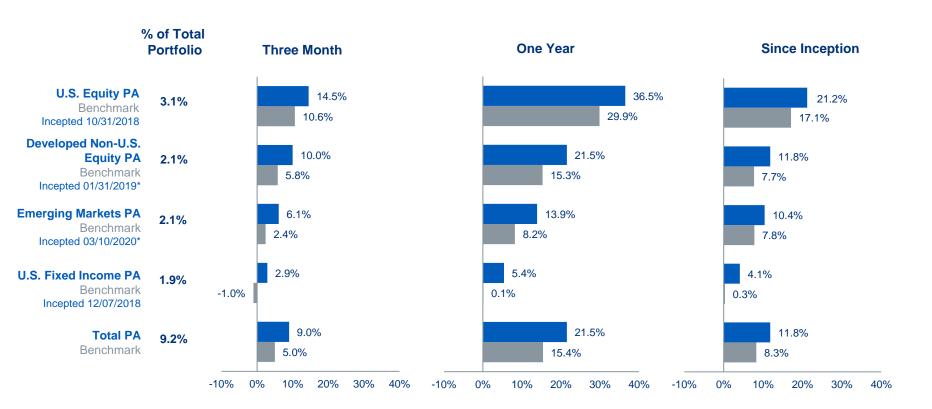
Since policy inception (December 31, 2018), investment returns have generated over \$238 million of net gains within the Tier III portfolio.



As of March 31, 2024. Since Policy inception is the period from 12/31/2018 to 3/31/2024.

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## Portfolio Review – Miami University Non-Endowment (LTC) Portable Alpha Returns – as of March 31, 2024



## Portable Alpha has contributed over 40 basis points to total portfolio annualized added value since policy inception.

Data as March 31, 2024. Since Policy inception is the period from 12/31/2018 to 3/31/2024.

Portable Alpha Benchmarks: A custom benchmark that is the weighted average of the returns of the indices corresponding to the underlying futures contracts, where the weights are based on the notional value of said contracts and are rebalanced monthly.



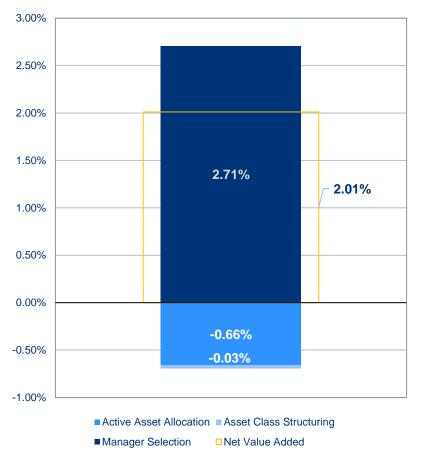
<sup>\*</sup>Both Developed Non-U.S. Equity and Emerging Markets Portable Alpha positions have been incepted and terminated at least once before their current inception date. Figures from previously incepted positions are not included in position returns in the bar graphs above, but are included in the value-added calculations.

The Portable Alpha strategy is created by overlaying hedge funds with future contracts. The strategy is reported at the notional value of the futures position with a return that combines the return of the hedge fund exposure with the return of the futures contracts.

## LTC Review – Value Added Attribution

## Miami University Non-Endowment (LTC) - One Year as of March 31, 2024





### **Active Asset Allocation: -0.66%**

### **Largest Contributor:**

No positive contributor.

### **Largest Detractor:**

EAFE/EM over U.S.: -0.24%

### **Asset Class Structuring:** -0.03%

### **Largest Contributor:**

Credit Barbell: +0.10%

### **Largest Detractor:**

Value Tilt. -0.14%

#### Manager Selection: +2.71%

#### **Largest Contributor:**

Developed Non-U.S. Equity Core Manager. +0.73%

#### **Largest Detractor:**

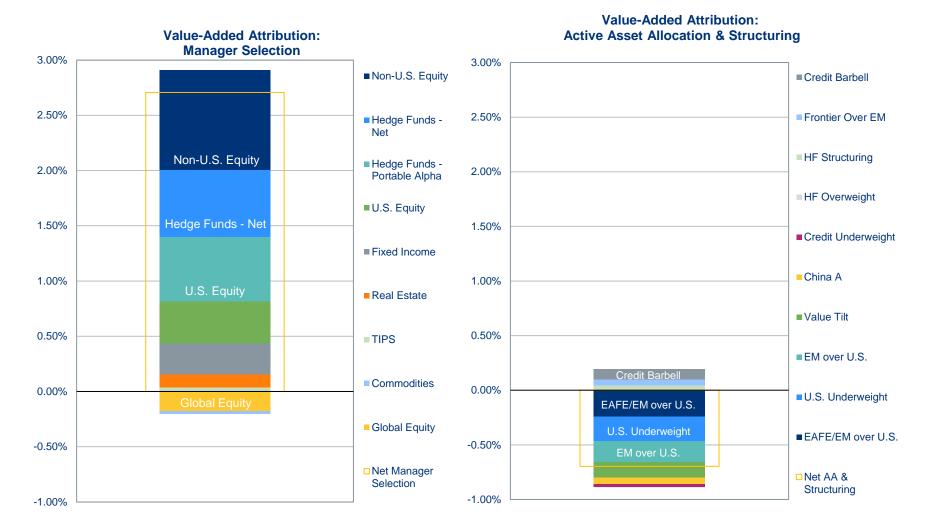
Global Equity Manager: -0.16%

Manager Selection includes legacy managers. The impact of net fees is allocated across the Active Asset Allocation, Asset Class Structuring, and Manager Selection categories in the following proportions: 10% Active Asset Allocation, 20% Asset Class Structuring, 70% Manager Selection.



## LTC Review – Value Added Attribution

### Miami University Non-Endowment (LTC) - One Year as of March 31, 2024



The impact of net fees is allocated across the Active Asset Allocation, Asset Class Structuring, and Manager Selection categories in the following proportions: 10% Active Asset Allocation, 20% Asset Class Structuring, 70% Manager Selection.



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## Investment Policy, Asset Allocation, and Risk

## Miami University Non-Endowment (LTC), as of March 31, 2024

#### RISK BASED ASSET ALLOCATION (%)

#### RISK ANALYSIS (%)

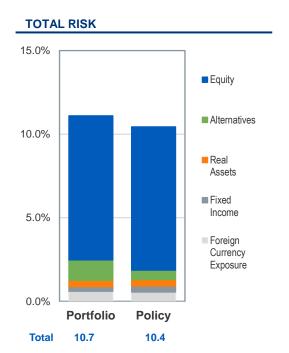
Asset Category	Range		je	Long-term Policy Portfolio	Policy Benchmark Weights	Current Portfolio	Active Strategy	Policy Benchmark Risk	Portfolio Risk	Tracking Error
Equity	44.0	-	64.0	54.0	54.0	53.0	(1.0)	8.6	8.6	0.30
U.S. Equity	17.0	-	37.0	27.0	27.0	23.7	(3.3)	4.2	3.6	0.03
Developed Non-U.S. Equity	8.0	-	28.0	18.0	18.0	18.6	0.6	2.8	3.0	0.11
Emerging Market Equity	0.0	-	19.0	9.0	9.0	10.7	1.7	1.6	2.0	0.16
Alternatives	0.0	-	22.0	12.0	12.0	12.8	0.8	0.6	0.8	0.56
Hedge Funds (Net)	0.0	-	22.0	12.0	12.0	12.8	0.8	0.6	8.0	0.56
Hedge Funds (Gross)	0.0	-	27.0	22.0	22.0	22.0	0.0	0.6	0.8	0.56
Asset Allocation Overlay	(20.0)	-	0.0	(10.0)	(10.0)	(9.2)	0.8	0.0	0.0	0.00
Real Assets	3.0	-	23.0	10.0	10.0	10.1	0.1	0.3	0.4	0.03
Real Estate	0.0	-	6.5	3.0	1.5	1.6	0.1	0.1	0.1	0.01
Commodities	0.0	-	9.0	3.0	3.0	3.0	0.0	0.2	0.3	0.02
TIPS	1.5	-	11.5	4.0	5.5	5.5	0.0	0.0	0.0	0.00
Fixed Income	14.0	-	34.0	24.0	24.0	22.1	(1.9)	0.4	0.3	0.34
U.S. Investment Grade	6.5	-	31.5	21.5	21.5	16.9	(4.6)	0.2	0.0	0.23
U.S. High Yield	0.0	-	12.5	2.5	2.5	5.1	2.6	0.2	0.3	0.10
Municipal Bonds	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Non-U.S. Fixed Income	0.0	-	10.0	0.0	0.0	0.1	0.1	0.0	0.0	0.01
Cash (Net Exposure)	0.0	-	20.0	0.0	0.0	2.0	2.0	0.0	0.0	0.00
Foreign Currency Exposure				27.0	27.0	30.3	3.3	0.5	0.6	0.09
TOTAL				100.0	100.0	100.0	0.0	10.4	10.7	1.3

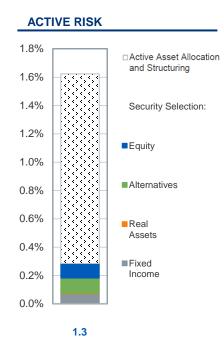
Please refer to the footnotes in your quarterly investment report for detail on definitions, methodologies, and other important information.

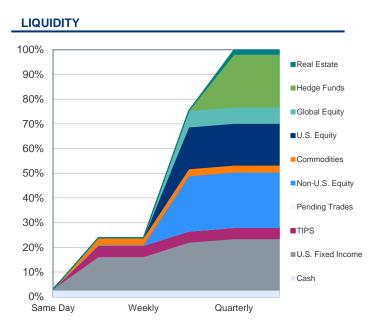


## Risk Summary

## Miami University Non-Endowment (LTC), as of March 31, 2024







**Total Risk** – Decomposes estimated future annualized standard deviation of returns by asset class to illustrate the contributions to total risk from each. Total risk is calculated using current positions and Strategic's proprietary risk model.

Active Risk - Refers to the standard deviation of the difference between the portfolio and policy returns.

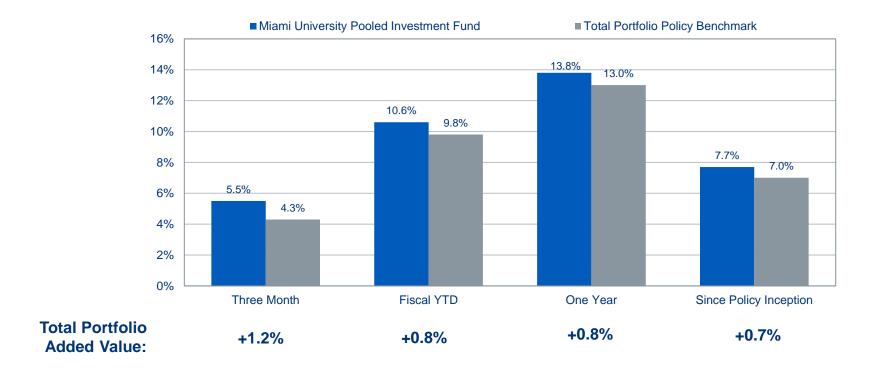


Fiscal Year-to-Date Update:
Investment Performance Review
Non-Endowment
Endowment



## PIF Performance Review

### Preliminary Investment Performance as of March 31, 2024



Fiscal year-to-date, the portfolio is up 10.6% net of all fees, 80 basis points ahead of the policy benchmark.

Data as of March 31, 2024 is preliminary and subject to change. Numbers may differ slightly due to rounding. All total portfolio returns are shown net of sub-manager and Strategic fees. All policy benchmark returns are shown net of estimated passive management fees and rebalancing costs. Legacy manager returns are net of sub-manager fees and gross of Strategic fees. Legacy benchmark returns are gross of estimated passive fees and rebalancing costs. As of 3/31/2024 legacy investments are 9.3% of the total portfolio. Since Policy inception is the period from 9/30/2018 to 3/31/2024.



## PIF Performance Review ex-Illiquids

## Performance as of March 31, 2024

	\$ Millions	% of Total PIF Assets	3 Month	Fiscal YTD	Calendar YTD	1 Year	3 Year	5 Year	Since Policy Inception - 10/1/2018
Miami - Pooled Investment Fund ex. Illiquids Performance as of March 31, 2024									
Miami University Pooled Investment Fund - Ex. Illiquids (Net of Sub-Mgr Fees) 1, 2	\$610.2	76.6%	7.4%	13.9%	7.4%	17.9%	5.8%	9.1%	8.0%
Miami University Pooled Investment Fund - Ex. Illiquids Benchmark (Gross) 3			5.6%	11.9%	5.6%	15.7%	3.8%	7.6%	6.7%
	\$ Millions	% of Total PIF Assets	3 Month	Fiscal YTD	Calendar YTD	1 Year	3 Year	5 Year	Since Policy Inception - 10/1/2018
Miami - Pooled Investment Fund Performance as of March 31. 2024									10/11/2010
Miami University Pooled Investment Fund (Net of Sub-Mgr Fees) <sup>2</sup>	\$795.8	100.0%	5.6%	10.8%	5.6%	14.1%	6.1%	8.9%	7.9%
Miami University Pooled Investment Fund Policy Benchmark (Gross) <sup>3</sup>			4.4%	9.9%	4.4%	13.2%	4.7%	8.0%	7.2%

<sup>3</sup> Benchmark performance is weighted average of asset class policy benchmark performance.



<sup>1</sup> Performance excludes all Opportunistic, Private Equity, Real Estate and Timber investments since policy inception.

<sup>2</sup> Performance is net of sub-manager fees and gross of Strategic fees.

Risk Appetite Discussion



# M

### Pooled Investment Fund Draft Statement

According to the Foundation's Investment Philosophy, "active strategies should be used where there is a proven sustainable track record of creating value." Here value is measured as the OCIO's actual return minus the benchmark return (i.e., the "excess return"). Given the cyclicality of excess returns, there will be variability in excess returns. "Tracking error" measures this variability of a portfolio's actual return versus its benchmark – both when the actual return is above or when it is below the benchmark. The OCIO's historical tracking error has been 250 bps per annum and its ex ante tracking error is 200 bps per annum.

3. **Tracking Error**: The Foundation is willing to accept a \_\_\_\_\_ (choose one: low/medium/high) amount of tracking error. Tracking error greater than \_\_\_\_ bps over a trailing 3-year period will result in a formal review of the drivers of excess returns (i.e., investment philosophy, process, and resources of the OCIO). Tracking error greater than \_\_\_\_ bps over a trailing 5-year period will result in the issuance of a Request for Information ("RFI") for a new OCIO. The existing OCIO may be invited to submit an RFI.

The MUF Investment Committee expects to make progress on the risk appetite statement at the June 2024 meetings.

<sup>1.</sup> A technical definition of tracking error is the standard deviation of excess returns, where excess returns are equal to the portfolio's actual return minus its benchmark return.



# Current Tier III Strategic Asset Allocation Policy

Last Reviewed by the Investment Subcommittee in March of 2023

ASSET CLASS	Current Policy
Equity	54.0%
U.S. Developed Non-U.S. Emerging Markets	27.0% 18.0% 9.0%
Alternatives	12.0%
Hedge Funds* Hedge Funds (Gross) (Alpha Overlay)	<b>12.0%</b> 22.0% 10.0%
Real Assets	10.0%
Real Estate Commodities TIPS	3.0% 3.0% 4.0%
Fixed Income	24.0%
U.S. Fixed Income U.S. Investment Grade U.S. High Yield	<b>24.0%</b> 21.5% 2.5%
Cash	0.0%
Total	100.0%
EXPECTED COMPOUND RETURNS:	
<b>Expected Nominal Return</b>	7.4%
Expected Real Return	4.7%
RISK STATISTICS:	
Volatility	11.2%
Quarterly Liquidity or Better	82%

As of March 31, 2024, The Tier III portfolio has realized:

- An annualized excess return of 1.1% (net of fees) versus forecast alpha of 0.80%.
- An annualized tracking error of 1.7% versus forecast tracking error of 1.3%.



### Performance vs. NACUBO

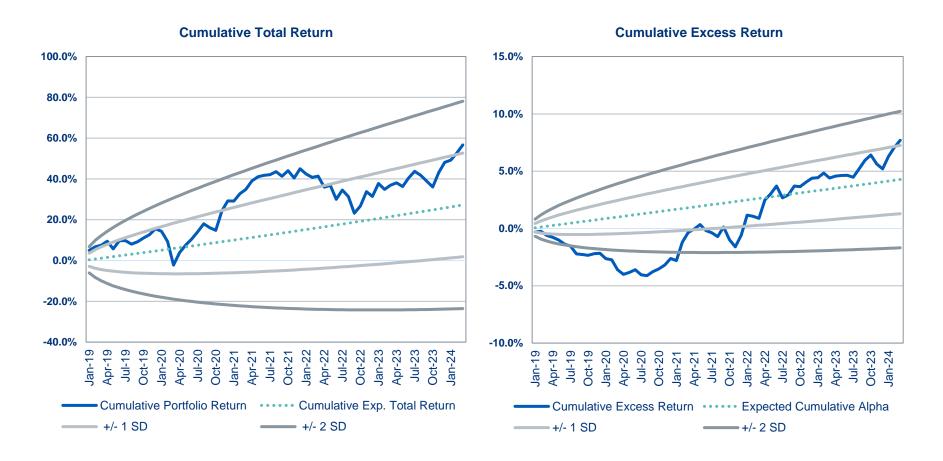
Annualized Multi-Period Returns	1 Year	3 Year	5 Year	10 Year
Miami LT Capital Tier III (Net of All Fees)	8.0%	8.3%	5.7%	-
Miami LT Capital Tier III Short-Term Policy Benchmark (Net)	7.5%	6.0%	5.0%	-
Miami LT Capital Tier III Excess Return	0.5%	2.3%	0.7%	-
NACUBO \$500M-\$1B Reported Median Returns	7.8%	10.5%	7.2%	7.3%
NACUBO \$500M-\$1B Estimated Benchmark <sup>1</sup>	7.2%	9.9%	7.3%	7.1%
NACUBO Estimated Excess Return	0.6%	0.6%	-0.1%	0.2%

Annual Returns for Periods Ending June 30	2023	2022	2021	2020	2019
Miami LT Capital Tier III (Net of All Fees)	8.0%	-8.3%	28.3%	0.7%	3.2%
Miami LT Capital Tier III Short-Term Policy Benchmark (Net)	7.5%	-11.0%	24.4%	2.7%	4.5%
Miami LT Capital Tier III Excess Return	0.5%	2.7%	3.9%	-2.0%	-1.3%
NACUBO \$500M-\$1B Reported Median Returns	7.8%	-5.8%	33.2%	1.3%	5.0%
NACUBO \$500M-\$1B Estimated Benchmark <sup>1</sup>	7.2%	-7.3%	33.5%	2.0%	4.9%
NACUBO Estimated Excess Return	0.6%	1.5%	-0.3%	-0.7%	0.1%

Asset Allocation as of June 30, 2023	NACUBO	Tier III Long-Term Policy
Public U.S. Equities	26.3%	27.0%
Public Non-U.S. Equities	12.7%	18.0%
Public Emerging Markets Equities	4.7%	9.0%
Private Equity & Venture Capital	22.2%	-
Hedge Funds	10.8%	12.0%
Fixed Income	16.9%	24.0%
Real Assets	6.3%	10.0%

<sup>&</sup>lt;sup>1</sup> The benchmark is based on public indices and annually reported asset allocation.





<sup>\*</sup>Miami LT Capital Tier III Policy Inception is 12/31/2018.



<sup>\*</sup>Expected Annual Real Total Return of the current Long-Term Policy = 4.7%.

<sup>\*</sup>Expected Annual Volatility based on realized volatility of LT Capital Tier III net portfolio returns = 11.1%.

<sup>\*</sup>Expected Annual Excess Return = 0.80%.

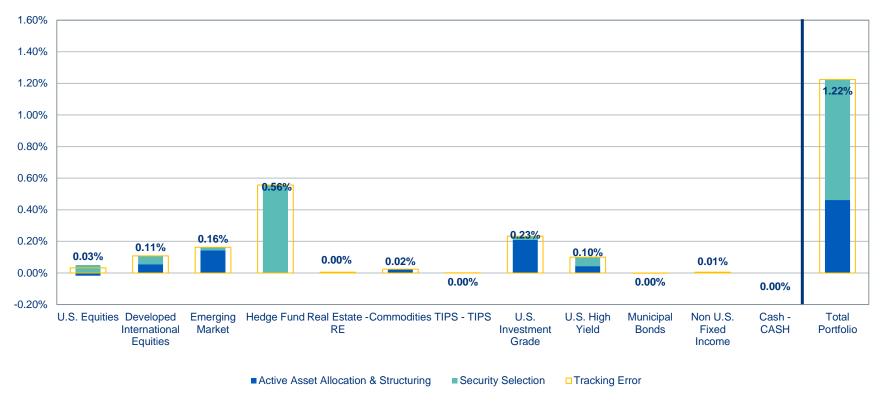
<sup>\*</sup>Expected Annual Tracking Error = 1.3%

	Contributio	on to Risk	Contribution to Total Tracking Error			
Name	Short-Term Policy	Total Portfolio	Active Asset Allocation & Structuring	Security Selection	Total Tracking Error	
Miami University Long-Term Capital Tier III	9.86%	10.09%	0.46%	0.76%	1.22%	
Equities	8.59%	8.60%	0.18%	0.12%	0.30%	
U.S. Equities	4.19%	3.61%	-0.02%	0.05%	0.03%	
Developed International Equities	2.77%	2.96%	0.06%	0.05%	0.11%	
Emerging Market	1.63%	2.03%	0.14%	0.02%	0.16%	
Alternative	0.56%	0.83%	0.00%	0.56%	0.56%	
Hedge Fund	0.56%	0.83%	0.00%	0.56%	0.56%	
Real Assets	0.34%	0.38%	0.03%	0.00%	0.03%	
Real Estate - RE	0.07%	0.07%	0.00%	0.00%	0.00%	
Commodities	0.23%	0.27%	0.02%	0.00%	0.02%	
TIPS - TIPS	0.04%	0.04%	0.00%	0.00%	0.00%	
Fixed Income	0.36%	0.28%	0.25%	0.08%	0.34%	
U.S. Investment Grade	0.21%	-0.01%	0.21%	0.02%	0.23%	
U.S. High Yield	0.15%	0.28%	0.04%	0.06%	0.10%	
Municipal Bonds	0.00%	0.00%	0.00%	0.00%	0.00%	
Non U.S. Fixed Income	0.00%	0.01%	0.00%	0.00%	0.01%	
Cash	0.00%	0.00%	0.00%	0.00%	0.00%	
Cash - CASH	0.00%	0.00%	0.00%	0.00%	0.00%	

<sup>\*</sup> Results do not include the contribution to risk from foreign currency exposure.

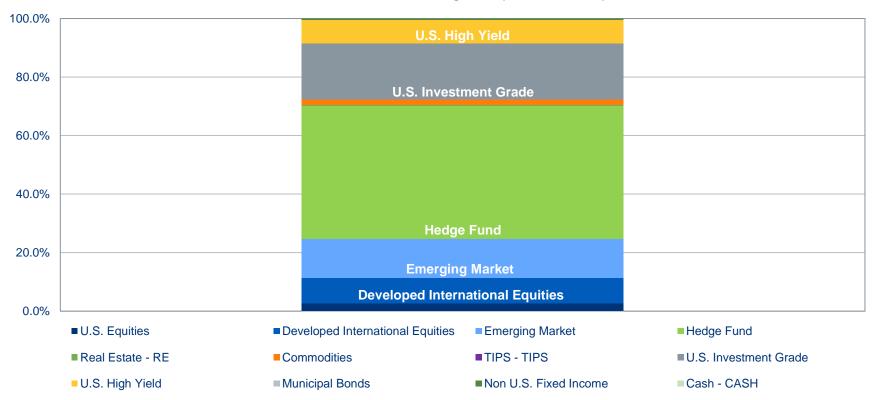


#### **Marginal Contribution to Tracking Error**





#### Contribution to Tracking Error (Scaled to 100%)





# Simulating Portfolio Outcomes – Monte Carlo Analysis Return Distribution

### **Expected Annualized Excess Returns** 5.3% 3.6% 1.9% Return (%) Median: 0.8% 0.1% -1.6% -3.3% 1 Year 3 Year 7 Year 5 Year 10 Year 5th - 95th Percentile 25th - 75th Percentile Median

This information is confidential and proprietary. These return and risk results are based on our proprietary, forward-looking, long-term equilibrium capital market assumptions, which assume that asset classes are fairly priced, and that correlations and volatilities are at equilibrium levels. Returns are shown net of expected management fees. This analysis is provided for illustrative purposes only, does not represent an actual portfolio, is not intended as investment advice, and is subject to change at the sole discretion of Strategic. Actual portfolios and their risks and returns may differ significantly from the results above. Please see Important Disclosures at the end of the presentation for disclosures about expected risk and return.



#### **Rolling Excess Returns vs. Expectations**



<sup>\*</sup>Expected Annual Tracking Error = 1.3%



<sup>\*</sup>Global Balanced Composite performance used for periods preceding the LT Capital Tier III inception date (12/31/2018).

<sup>\*</sup>Expected Annual Excess Return = 0.8%.

# Investment Policy, Asset Allocation, and Risk

### Miami University Non-Endowment (LTC), as of March 31, 2024

#### RISK BASED ASSET ALLOCATION (%)

#### RISK ANALYSIS (%)

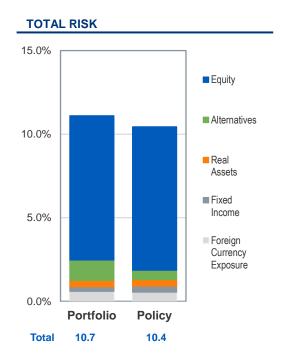
Asset Category	Range		Long-term Policy Portfolio	Policy Benchmark Weights	Current Portfolio	Active Strategy	Policy Benchmark Risk	Portfolio Risk	Tracking Error	
Equity	44.0	-	64.0	54.0	54.0	53.0	(1.0)	8.6	8.6	0.30
U.S. Equity	17.0	-	37.0	27.0	27.0	23.7	(3.3)	4.2	3.6	0.03
Developed Non-U.S. Equity	8.0	-	28.0	18.0	18.0	18.6	0.6	2.8	3.0	0.11
Emerging Market Equity	0.0	-	19.0	9.0	9.0	10.7	1.7	1.6	2.0	0.16
Alternatives	0.0	-	22.0	12.0	12.0	12.8	0.8	0.6	0.8	0.56
Hedge Funds (Net)	0.0	-	22.0	12.0	12.0	12.8	0.8	0.6	8.0	0.56
Hedge Funds (Gross)	0.0	-	27.0	22.0	22.0	22.0	0.0	0.6	0.8	0.56
Asset Allocation Overlay	(20.0)	-	0.0	(10.0)	(10.0)	(9.2)	0.8	0.0	0.0	0.00
Real Assets	3.0	-	23.0	10.0	10.0	10.1	0.1	0.3	0.4	0.03
Real Estate	0.0	-	6.5	3.0	1.5	1.6	0.1	0.1	0.1	0.01
Commodities	0.0	-	9.0	3.0	3.0	3.0	0.0	0.2	0.3	0.02
TIPS	1.5	-	11.5	4.0	5.5	5.5	0.0	0.0	0.0	0.00
Fixed Income	14.0	-	34.0	24.0	24.0	22.1	(1.9)	0.4	0.3	0.34
U.S. Investment Grade	6.5	-	31.5	21.5	21.5	16.9	(4.6)	0.2	0.0	0.23
U.S. High Yield	0.0	-	12.5	2.5	2.5	5.1	2.6	0.2	0.3	0.10
Municipal Bonds	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Non-U.S. Fixed Income	0.0	-	10.0	0.0	0.0	0.1	0.1	0.0	0.0	0.01
Cash (Net Exposure)	0.0	-	20.0	0.0	0.0	2.0	2.0	0.0	0.0	0.00
Foreign Currency Exposure				27.0	27.0	30.3	3.3	0.5	0.6	0.09
TOTAL				100.0	100.0	100.0	0.0	10.4	10.7	1.3

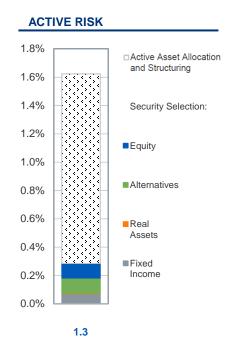
Please refer to the footnotes in your quarterly investment report for detail on definitions, methodologies, and other important information.

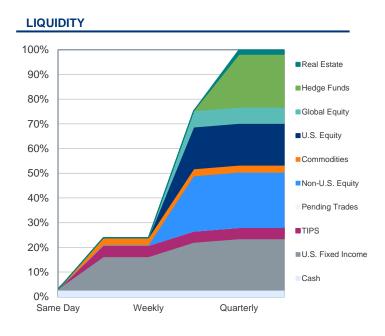


## Risk Summary

### Miami University Non-Endowment (LTC), as of March 31, 2024







**Total Risk** – Decomposes estimated future annualized standard deviation of returns by asset class to illustrate the contributions to total risk from each. Total risk is calculated using current positions and Strategic's proprietary risk model.

Active Risk – Refers to the standard deviation of the difference between the portfolio and policy returns.



Annual Review of Endowment Spending Policy and Endowment Administrative Fee Policy



#### **RESOLUTION R2024-**

WHEREAS, Miami University incurs certain costs for the generation of new gifts that benefit the Miami University endowment fund; and

WHEREAS: the Miami University Board of Trustees previously adopted an Administrative Fee Policy which authorizes the assessment of an annual administrative fee to be used to offset some of the advancement and investment management expenses; and

WHEREAS: The Miami University Board of Trustees has determined the Administrative Fee Policy should be revised to reflect business practices; and

WHEREAS: The revised Administrative Fee Policy is hereby attached;

NOW THEREFORE BE IT RESOLVED: The Miami University Board of Trustees adopts revised the Administrative Fee Policy; and

BE IT FURTHER RESOLVED: Resolution R2020-08 is hereby rescinded.

#### MIAMI UNIVERSITY Administrative Fee Policy May 2024

#### **OBJECTIVE**

The objective of the Administrative Fee Policy is to reimburse Miami University to support certain expenses related to the advancement and investment of the Miami University endowment fund and annual fund.

#### **REVENUE**

An administrative fee of 1.00 percent will be calculated against the market value of the Miami University endowment investment pool as of March 31<sup>st</sup> (in conjunction with the annual spending distribution calculation). The administrative fee may be reduced or waived for any endowed gift with the approval of the Vice President for University Advancement and the Senior Vice President for Finance and Business Services. The total administrative fee revenue will be distributed to the University's Education & General Fund at the end of the fiscal year and used to fund certain costs as described below. The fee, or partial fee, shall be distributed after the annual spending distribution has been distributed and shall only be distributed from accumulated earnings, except for quasi-endowments or unless a gift agreement permits distribution of the gift value.

#### **EXPENSES**

The administrative fee revenue shall be used to offset expenses as follows:

- Advancement: A portion of the administrative fee shall be used to fund advancement related expenses including but not limited to the salaries, operating, travel, and entertainment expenses of university advancement staff as determined by the Vice President for University Advancement
- Investment: A portion of the administrative fee shall be used to fund investment related expenses, including but not limited to the salaries of finance and business services staff related to investment and administration of endowment funds, travel and registration expenses related to external investment manager meetings and conferences, external audit fees, and external investment fees as determined by the Senior Vice President for Finance and Business Services

Any administrative fee balance not spent in the current fiscal year may be accumulated and carried forward to a future fiscal year.

This policy and the administrative fee rate will be reviewed on an annual basis by the Miami University Finance and Audit Committee's Investment Sub-committee.

#### MIAMI UNIVERSITY Administrative Fee Policy September 2019May 2024

#### **OBJECTIVE**

The objective of the Administrative Fee Policy is to reimburse Miami University to support certain expenses related to the advancement and investment of the Miami University endowment fund and annual fund.

#### **REVENUE**

An administrative fee of 1.00 percent will be calculated against the market value of the Miami University endowment investment pool as of March 31<sup>st</sup> (in conjunction with the annual spending distribution calculation). The administrative fee may be reduced or waived for any endowed gift with the approval of the Senior Vice President for University Advancement and the Senior Vice President for Finance and Business Services. The total administrative fee revenue will be distributed to the University's Education & General Fund beforeat the end of the following fiscal year and used to offsetfund certain costs incurred in that fiscal year as described below. The fee, or partial fee, shall be distributed after the annual spending distribution has been distributed and shall only be distributed from accumulated earnings, except for quasiendowments or unless a gift agreement permits distribution of the gift value.

#### **EXPENSES**

The administrative fee revenue shall be used to offset expenses as follows:

- Advancement: A portion of the administrative fee shall be used to fund advancement related expenses including but not limited to the salaries, operating, travel, and entertainment expenses of university advancement staff as determined by the Senior-Vice President for University Advancement
- Investment: A portion of the administrative fee shall be used to fund investment related expenses, including but not limited to the salaries of finance and business services staff related to investment and administration of endowment funds, travel and registration expenses related to external investment manager meetings and conferences, external audit fees, and external investment fees as determined by the Senior Vice President for Finance and Business Services

Any administrative fee balance not spent in the current fiscal year may be accumulated and carried forward to a future fiscal year.

This policy and the administrative fee rate will be reviewed on an annual basis by the Miami University Finance and Audit Committee's Investment Sub-committee.



Empowering investors through experience, innovation, and excellence.



### Miami University

# Board of Trustees Investment Subcommittee Appendices

May 15, 2024

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# **Appendices**

Performance Update Supplemental Slides
Outlook and Strategy Supplemental Slides
Investment Subcommittee FY 2024 Goals and Calendar
March 2024 Performance Detail



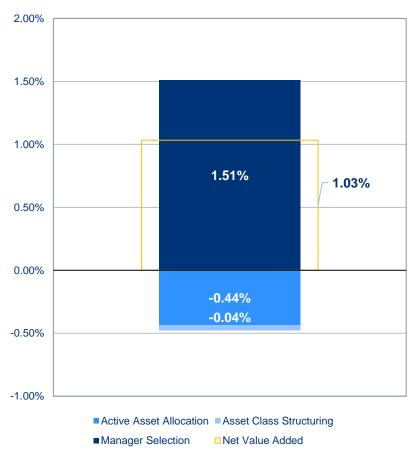
Performance Update Supplemental Slides



### LTC Review – Value Added Attribution

### Miami University Non-Endowment (LTC) – Since Policy Inception\*

#### Value-Added Attribution: Total Portfolio



#### **Active Asset Allocation: -0.44%**

#### **Largest Contributor:**

HF Overweight: +0.00%

#### **Largest Detractor:**

EAFE/EM over U.S.: -0.14%

#### **Asset Class Structuring:** -0.04%

#### **Largest Contributor:**

Credit Barbell: +0.10%

#### **Largest Detractor:**

Duration Underweight: -0.08%

#### Manager Selection: +1.51%

#### **Largest Contributor:**

Developed Non-U.S. Equity Core Manager. +0.29%

#### **Largest Detractor:**

Equity Long/Short Hedge Fund Manager (terminated): -0.07%

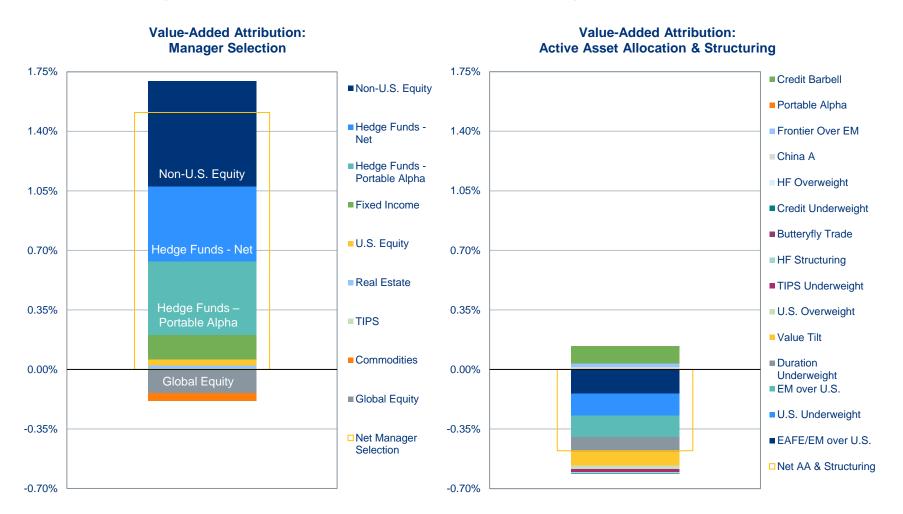
Manager Selection includes legacy managers. The impact of net fees is allocated across the Active Asset Allocation, Asset Class Structuring, and Manager Selection categories in the following proportions: 10% Active Asset Allocation, 20% Asset Class Structuring, 70% Manager Selection.



<sup>\*</sup>December 31, 2018 to March 31, 2024.

### Value Added Attribution

### Miami University Non-Endowment (LTC) – Since Policy Inception\*



The impact of net fees is allocated across the Active Asset Allocation, Asset Class Structuring, and Manager Selection categories in the following proportions: 10% Active Asset Allocation, 20% Asset Class Structuring, 70% Manager Selection.

\*December 31, 2018 to March 31, 2024.



# Portfolio Review – Miami University Non-Endowment (LTC)

Portfolio and Manager Structure – as of March 31, 2024

#### **HEDGE FUNDS** FIXED INCOME **U.S. EQUITY NON-U.S. EQUITY** Strategic Funds SPC Alpha Strategic U.S. Equity Trust **Active Credit Strategic Developed Markets Segregated Portfolio** Ellington Strategic Mortgage **Ex-U.S. Equity Trust Portable Alpha** Fund, L.P. • Strategic U.S. Equity Portable **Pending Liquidations** GoldenTree HY Value Offshore Strategic Emerging Markets Alpha Waterfall Eden Strategic **Equity Trust** KKR Global Credit Opportunities **Portable Alpha** Fund (Overseas) L.P. Strategic Developed Non-U.S. Equity Portable Alpha Treasuries · Strategic Emerging Markets Strategic Treasury Holdings Portable Alpha **Portable Alpha** Liquidity **REAL ASSETS** • Strategic U.S. Fixed Income MSCI EAFE ETF (iShares Core) Portable Alpha MSCI EM ETF (iShares Core) Real Estate **GLOBAL EQUITY** Harrison Street Core Property **Prime Property Strategic Global Equity Trust** PRISA Commodities iShares GSCI Commodity Index **TIPS** Strategic TIPS



Outlook and Strategy Supplemental Slides



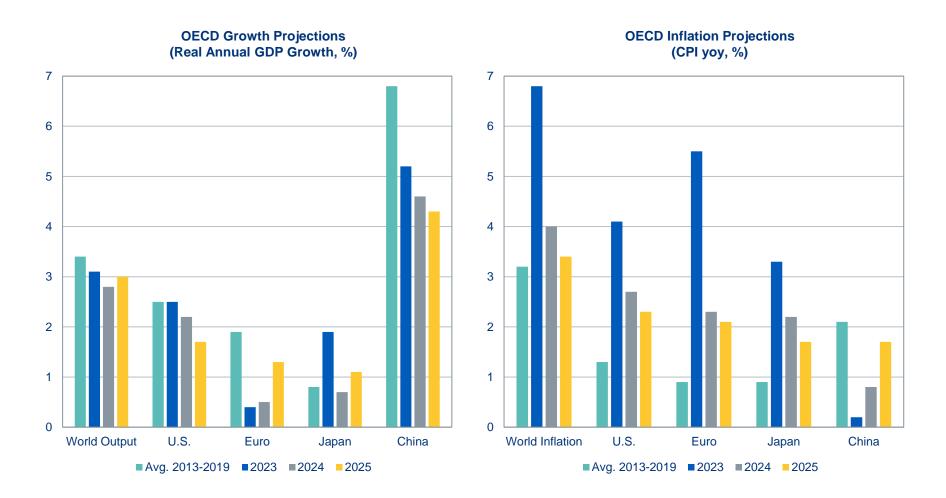
# **Key Strategy Questions**

- Has the outlook for the U.S. economy become less uncertain?
  - No, uncertainty remains extraordinarily high, and the possible outcomes range from soft to hard landing.
- Is U.S. disinflation off track?
  - No, but recent volatility in inflation data illustrates how hard the "last mile" of the race against inflation is.
- Will central banks hurt or help financial markets?
  - Financial markets are currently only an after-thought for central banks. They are fully focused on reigning in inflation.
- Where will global rates and yields settle?
  - · Above post-GFC averages.
- After an extended period of strong excess returns from global stock selection, are there any opportunities for stock pickers left?
  - Yes, with sizable valuation dispersion and dislocations the opportunity set remains promising.



# Global Economy: Real Growth and Inflation Expectations

### 2024: Moderate Growth and Inflation Slowdown



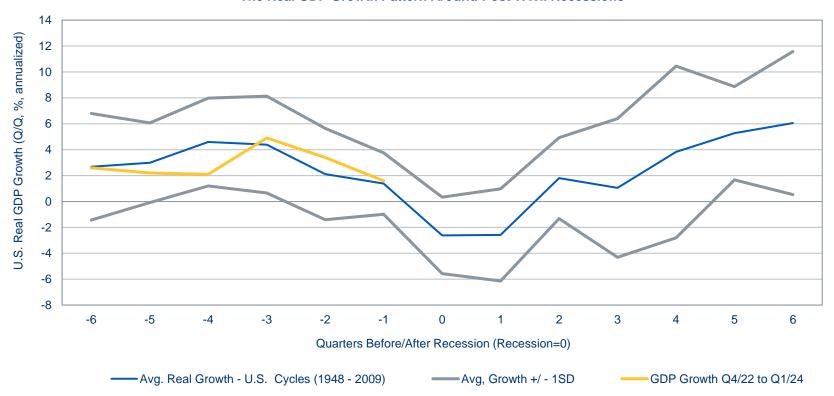
Sources: Bloomberg, April 2024; World Inflation data from IMF via Bloomberg.



# **Key Questions Confounding Market Forecasters**

Why Hasn't There Been a Recession Yet?

#### The Real GDP Growth Pattern Around Post WWII Recessions



After strong U.S. GDP growth in 2023 H2, the U.S. economy has been losing momentum. A "hard landing" in 2024 would not be inconsistent with post-WWII U.S. business cycle data.

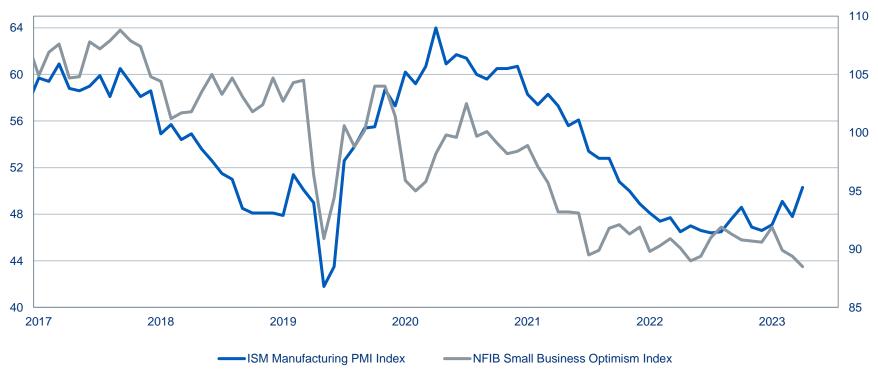
Sources: Bloomberg (GDP data, as of April 25, 2024); NBER (recession dates). Growth in the current cycle is aligned with an assumed recession in Q2.



## Identifying the U.S. Economic Cycle

### For Small- and Medium-Sized Companies It Feels Like a Recession





The U.S. economy has recently exhibited diverging profiles for small and medium-sized companies (NFIB) and for large companies (ISM). For SME's the sentiment gauge is consistent with recession readings while larger firms have seen an improvement in activity.



Source: Bloomberg, as of April 29, 2024.

# U.S. Monetary Policy Uncertainty

### Markets Caught Between Fed Signaling and Macro Data





Uncertainty about the economic outlook has translated into policy uncertainty and yield volatility.

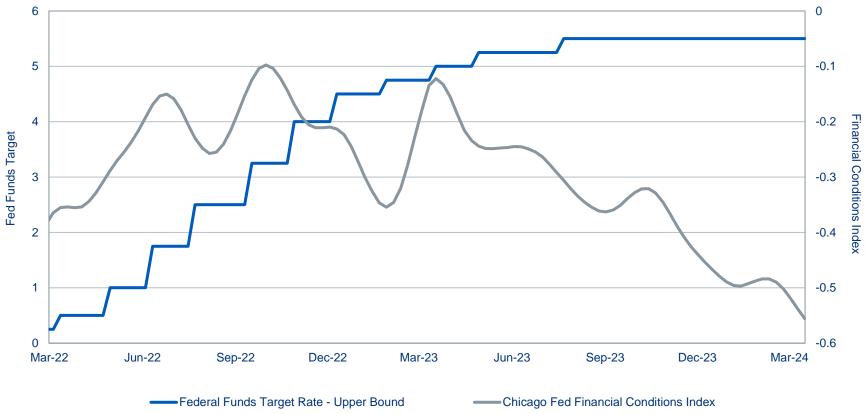
Source: Bloomberg. Data as of April 25, 2024; \* number of rate cuts as implied by Fed Funds Futures contracts for December 2024; positive values are hikes, negative values are cuts.



# The Fed's Impact on the Economy

### The Effect of Higher Rates Was Mitigated by Easier Financial Conditions





Source: Bloomberg. Data as of March 22, 2024. Fed Funds rate in percent. The National Financial Conditions Index (NFCI) is constructed to have an average value of zero and a standard deviation of one over a sample period extending back to 1973. Positive values of the NFCI indicate financial conditions that are tighter than on average, while negative values indicate financial conditions that are looser than on average.



### U.S. Central Bank Communication

### Fed Messaging Cold Turn Into Economic Headwind

#### **Bloomberg Fedspeak Model**



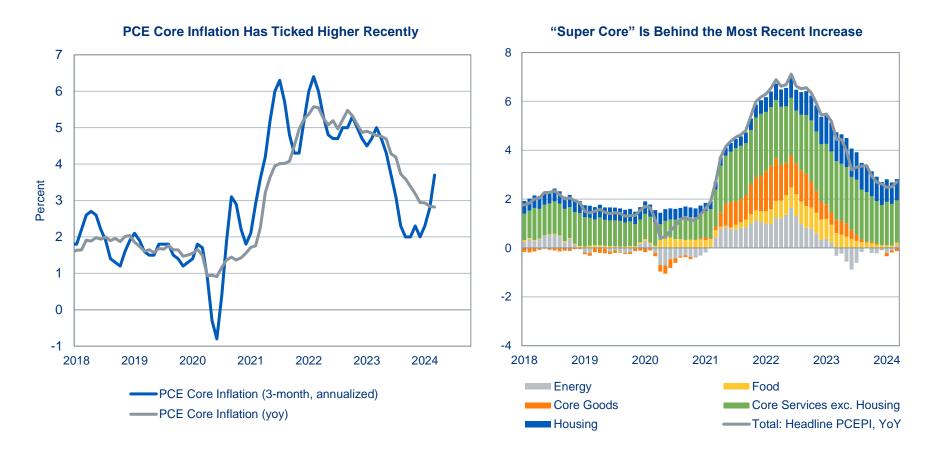
Fed communication had become significantly less hawkish since the December 2023 FOMC meeting. After recent inflation disappointments the Fed has, however, begun to change messaging in late April 2024.

Source: Bloomberg. Data as of April 28, 2024; The Fedspeak Index is an NLP index that aims to quantify the Fed's communication sentiment. Bloomberg employs a RoBERTa-based machine-learning model, fine-tuned and trained on thousands of human-labeled annotations of Bloomberg reporting of Fed officials' communications, set to mimic Bloomberg chief US economist's interpretation of the text. The sample covers more than 6,200 unique speaking engagements and statements made by FOMC members since 2009, totaling more than 60,000 Bloomberg News headlines labeled as "Fedspeak."



### U.S. Inflation

### Disinflation Is Facing Headwinds



The recent uptick in the Fed's preferred inflation gauge is largely due to a pick-up in super-core service inflation which is sensitive to cyclical economic developments, particularly in the labor market. The Fed is likely to tighten financial conditions until the problem is under control.

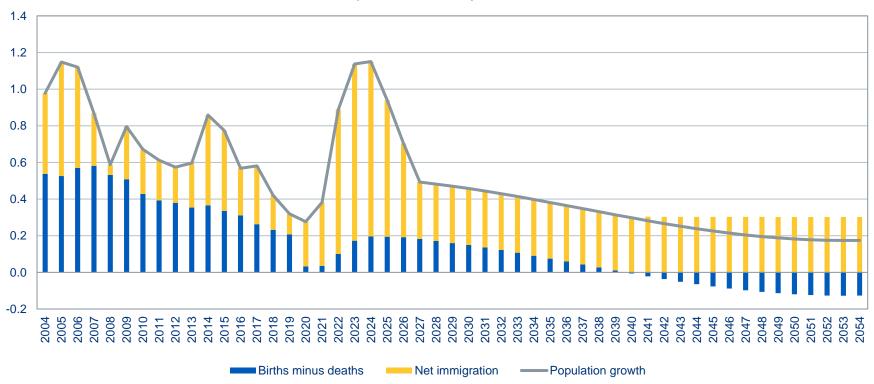
Source: LHS: Bloomberg. Data as of April 28, 2024; RHS: Fed San Francisco, PCE data including March 2024 as of April 28, 2024.



### Effect of Recent Increases in Immigration

More Workers, Consumption & Growth





The pickup in immigration reflected in CBO's recent estimates for 2022 and 2023 has substantial effects on the size of the labor force providing additional labor capacity as well as boosting consumption and growth.



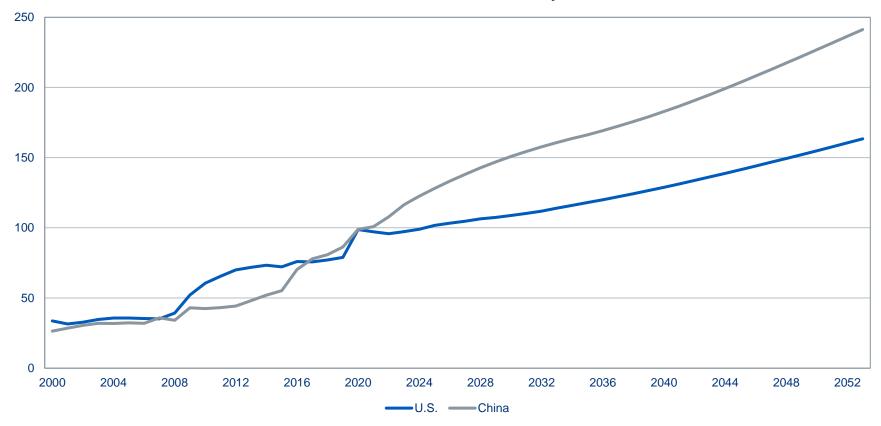
Source: CBO 2024.

Strategic 69/103

# Structural Headwinds For the Global Economy

### China and the U.S. Are on an Unsustainable Fiscal Path

#### U.S. and China on Unsustainable Debt Trajectories

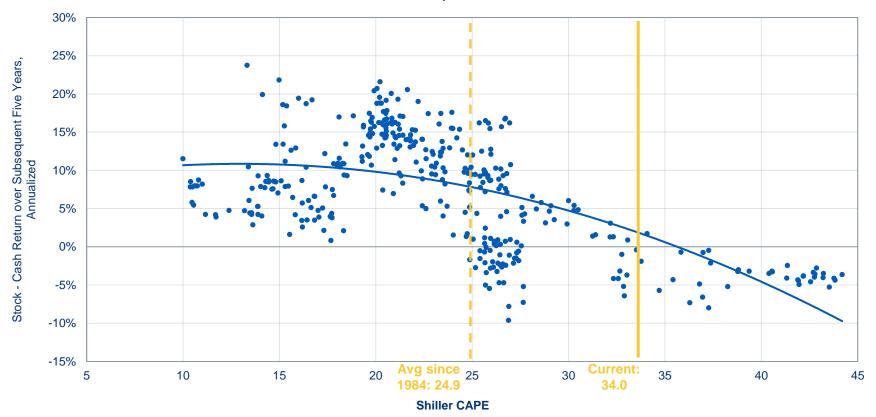




# **Key Questions Confounding Market Forecasters**

### When Will We Return to Fundamentals Within and Across Markets?





Valuations for broad U.S Equity indices are stretched, suggesting limited scope for real returns over a 5-year horizon.

Source: Bloomberg, Strategic calculations. Stock = Russell 3000 Index. Overlapping 5-year data from 1985 to 2023. Shiller CAPE as of March 31, 2024.

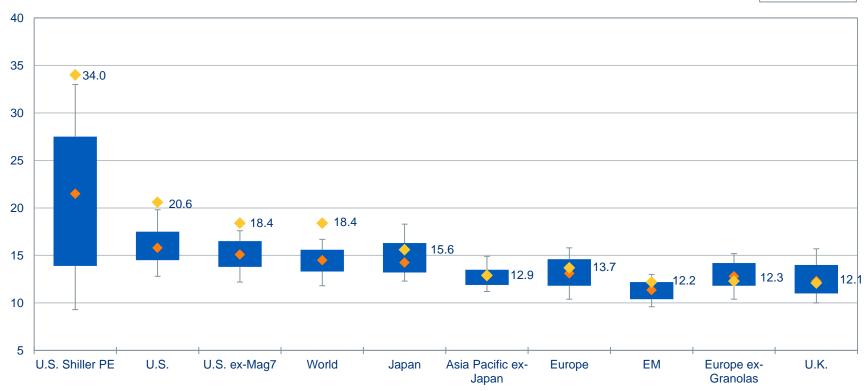


# **Key Questions Confounding Market Forecasters**

#### When Will We Return to Fundamentals Within and Across Markets?

#### 90% 75% Current Median 25% 10%

#### 12-Month Forward Price-to-Earnings Multiples



Among major markets and sectors, U.S. tech is meaningfully overvalued at present.

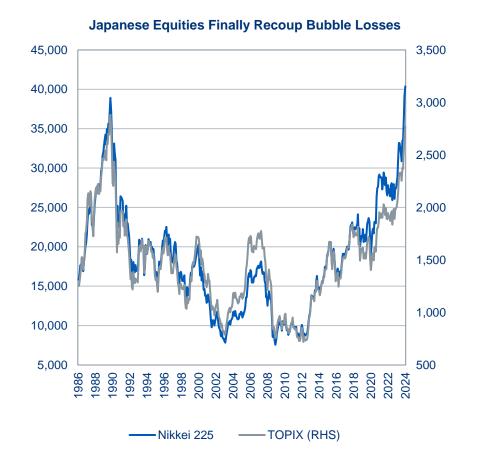
Sources: FactSet, Goldman Sachs.

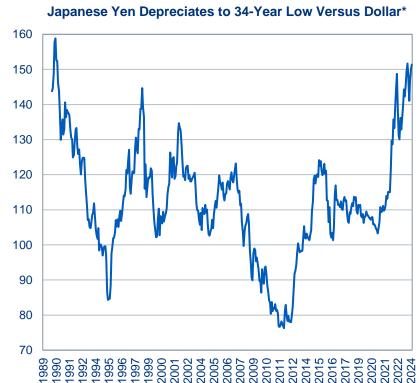
Note: Interquartile ranges and median are calculated from 2003-2023. Current Forward PE multiples through March 31, 2024. Mag 7 refers to 7 U.S. equity stocks: Apple, Amazon, Alphabet (Google), Meta, Microsoft, Nvidia, and Tesla, GRANOLAS refers to 11 European Stocks: GSK. Roche Holding, ASML, Nestle, Novartis, Novo Nordisk, L'Oreal, LVMH, AstraZeneca, SAP and Sanofi. Big Tech refers to Amazon, Apple, Google, Meta, and Microsoft.



# Focus on Japan

# Signs That Japan Is Exiting More Than Three Decades of Post-bubble Distress?





Source: Bloomberg.

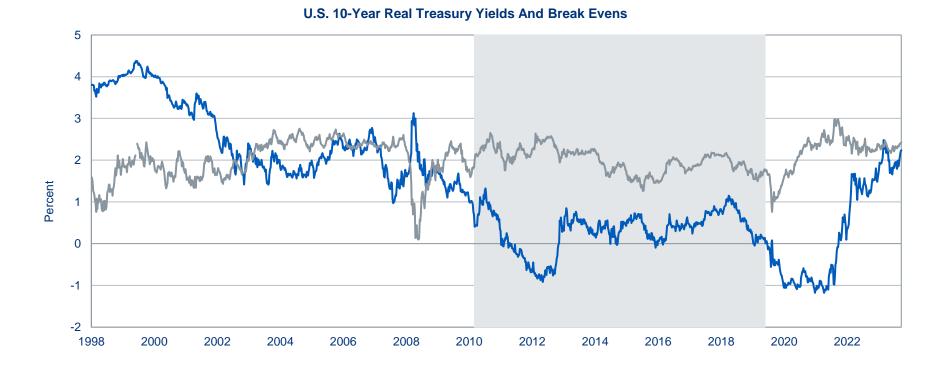
<sup>\*</sup> Yen per USD. Higher number = yen depreciation.



# Are Bond Markets Signaling A Regime Change

# **Anchored Inflation Expectations Rising Real Rates**

Post-GFC Era



A return in real yields to pre-GFC levels would mark an end to the low-yield world and likely require a reassessment of valuations across asset classes.

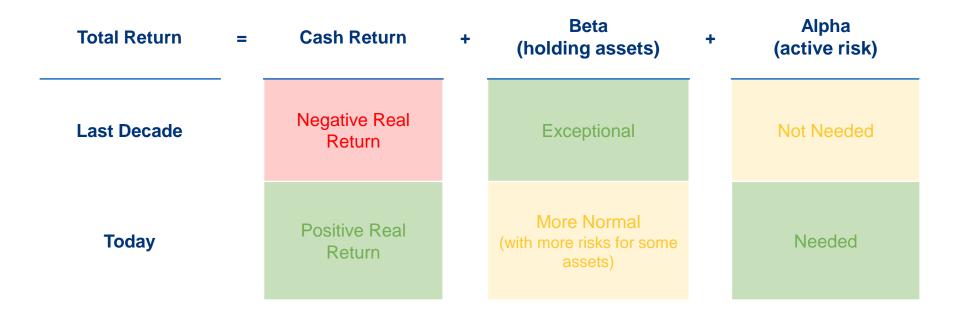
-U.S. 10-Year Break Even



Source: Bloomberg.

-U.S. 10-Year Real (TIPS) Yield

# How to Build a Resilient Portfolio in the Current Environment? Sources of Return



After a strong run for beta, we expect that portfolio construction and alpha will be more critical drivers of investment returns going forward.

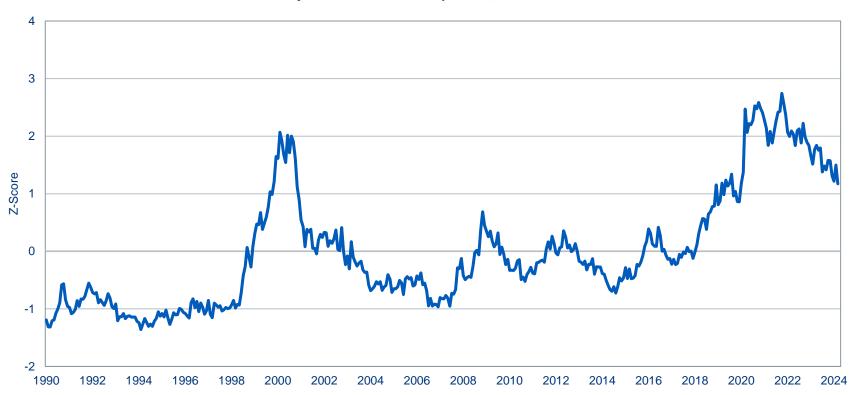


Source: Bridgewater.

# How Do You Build a Resilient Portfolio for 2024?

# **Environment for Active Management**

#### Industry Neutral Valuation Dispersion, U.S. Forward P/E



Even with the recent narrowing in valuation dispersion, spreads between rich and cheap securities remain very wide relative to history.

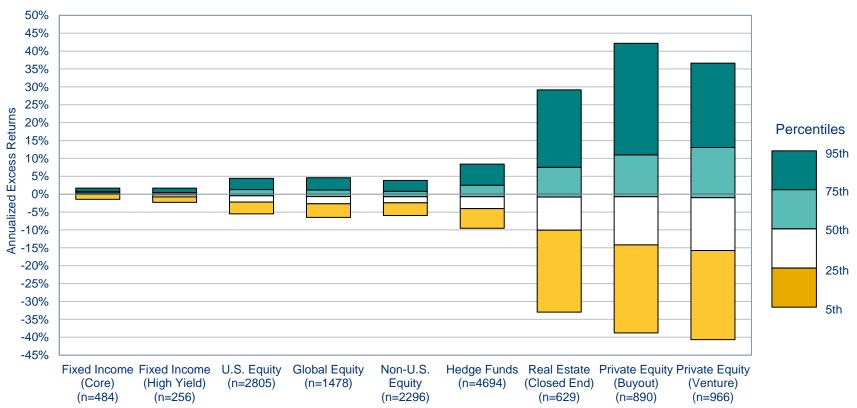
Strategic Investment

Source: Compustat. Data as of March 30, 2024.

# How Do You Build a Resilient Portfolio for 2024?

# Alternatives and Active Management as a Driver of Return





Alpha dispersion historically varies by asset class with alternatives showing the greatest dispersion in returns between top and bottom performing managers.

Sources: eVestment; HFRX; Thompson Reuters Cambridge.

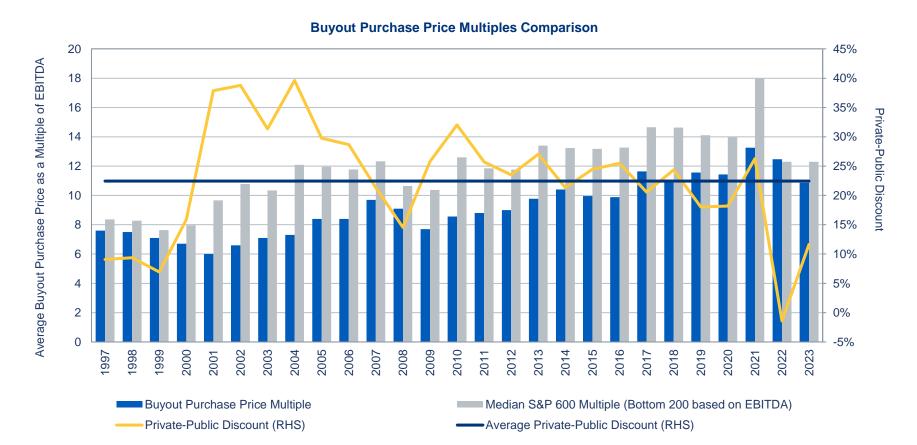
Universe returns are net of manager fees.

Note: Data shown for Real Estate and Private Equity are 5 year IRRs ending September 30, 2022 for vintage years 2001-2019. Box plot lines indicate the 5th, 25th, 50th, 75th, and 95th percentiles. Equity, fixed income, and hedge fund universes are corrected for survivorship bias using the SUBICO method.



# **Private Equity**

# Buyout Valuations (Cont'd.)



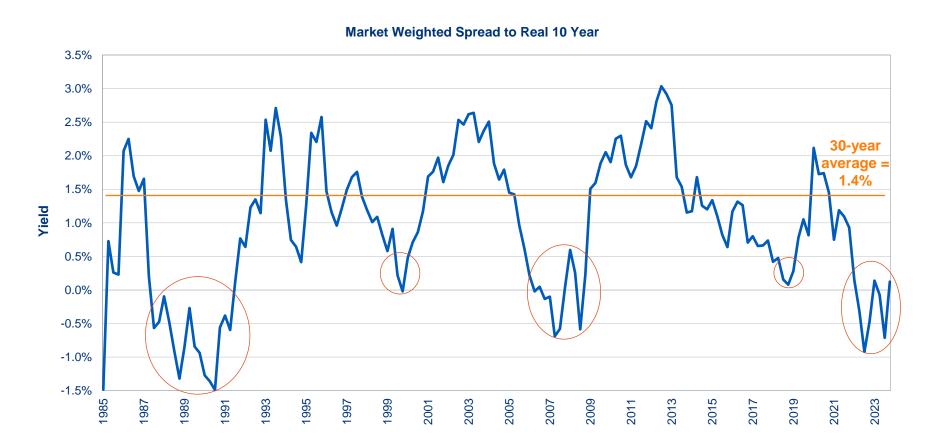
As of year-end 2023, the discount that private market valuations are providing to public markets has rebounded considerably, while still below the average discount of 21%, dating back to 1997.



Sources: Pitchbook, Strategic 4Q2023.

# Real Estate

### **Asset Class Yields**



As of the end of 2023, real estate yields are offering a small premium over real treasury bonds, but well below historical averages.

\*Cap Rate less 325 bps. Source: NCREIF, December 2023.



# Portfolio Positioning

# As of the Start of 2024

	Underweight	Neutral	Overweight
	_		_
U.S. Equity			
Large Value			
Large Growth			
Small Cap			
Non U.S. Equity			
<b>Developed Markets</b>			
Non-U.S. Small Cap			
<b>Emerging Markets</b>			
Alternatives			
Hedge Funds			
Private Equities			
Real Assets			
Real Estate			
TIPS			
Commodity Futures			
Fixed Income			
U.S. Treasury Risk			
Credit Risk			

Current outlook and strategy provided for illustrative purposes only and is subject to change at the sole discretion of Strategic. Positioning as of March 31, 2023.



Investment Subcommittee 2024 Goals and Calendar



# **MU BOT Investment Subcommittee**

### FY 2024 Goals



#### OVERARCHING GOAL: ENSURE ADEQUATE OPERATING LIQUIDITY OF THE UNIVERSITY.

#### 1. ENSURE FIDUCIARY BEST PRACTICES USING F1360'S SELF ASSESSMENT

• Conduct a review of Staff and the Investment Subcommittee using Fi360's "Prudent Practices for Investment Stewards".

#### 2. DEVELOP AND STRESS TEST POLICY PARAMETERS FOR THE UNIVERSITY'S BUDGETED INVESTMENT EARNINGS.

- Develop policy parameters for setting the budgeted level of non-endowment investment earnings.
- Stress test Tier III market value and budgeted investment earnings with and without the proposed policy parameters.

#### 3. INCLUDE FINANCIAL STRENGTH MEASURES IN THE ANNUAL REVIEW OF THIRD-PARTY FINANCIAL SERVICE PROVIDERS.

- Discuss Strategic Investment Group's financial condition with the firm's CEO and CFO. Investigate what assurances the firm's external auditors can provide.
- Investigate, analyze, and report on Miami University's other third-party financial service providers' measures of financial strength.



# MU Investment Subcommittee – FY2024 Calendar



	FY 2024	MU Investment	Subcommittee (	Calendar	
Topic OCIO Nonendowment Performance and Capital Markets Review	MU IsC Meeting Columbus, Ohio September 27, 2023  1. Performance Review (Nonendowment & PIF) 2. Asset Allocation vs. Policy (Nonendowment & PIF) 3. Capital Markets Update	MU IsC Meeting Oxford, Ohio December 13, 2023  1. Performance Review (Nonendowment & PIF) 2. Asset Allocation vs. Policy (Nonendowment & PIF) 3. Capital Markets Update	MU IsC Meeting Oxford, Ohio February 21, 2024  1. Performance Review (Nonendowment & PIF) 2. Asset Allocation vs. Policy (Nonendowment & PIF) 3. Capital Markets Update	MU IsC Meeting Oxford, Ohio May 15, 2024  1. Performance Review (Nonendowment & PIF) 2. Asset Allocation vs. Policy (Nonendowment & PIF) 3. Capital Markets Update	MU IsC Meeting Oxford, Ohio June 26, 2024  1. Performance Review (Nonendowment & PIF) 2. Asset Allocation vs. Policy (Nonendowment & PIF) 3. Capital Markets Update
OCIO Updates /Portfolio Strategies and Asset Class Reviews	Asset Class Review: Real     Assets	Invest. Mgmt. Fees,     Expenses Review     Update on Investment     Process / Risk     Management     Enhancements	Review LT Capital     Markets Assumptions     Review LT Policy     Portfolio Construction     Non-endowment and PIF     Stress Test / Scenario     Analysis Risk Review     Asset Class Review:     Fixed Income	Risk Appetite Discussion	Asset Class Review:     Hedge Funds
Treasury Updates	Capital Stack and Tier     Allocation     Compliance Report     Invest. Earnings Budget     FYE Updates —     Endowment (a) Annual     Spending Distribution     and (b) Administrative     Fee	Capital Stack and Tier     Allocation	Capital Stack and Tier     Allocation     Stress Testing     Distributions	Capital Stack and Tier     Allocation	Capital Stack and Tier     Allocation     FY Cash Flow     Investment Earnings     Budget     Annual Evaluation of     Service Providers
Governance Items	Approve new FY IsC     Goals     Compliance Certification	1. Alternative Retirement Plan Update	Governance and regulatory updates     Annual Review of Nonendowment IPS	Annual Review of     Endowment Distribution     Policy and Endowment     Administrative Fee Policy	Review Progress on last     FY Goals     Discuss new FY Goals     Review FY IsC Calendar



# March 2024 Performance Detail



### **PERFORMANCE SUMMARY**

### **Miami University**

March 31, 2024

							Rates of I	Return (%)					
Asset Class Benchmark	Market Value (\$ mill)	Strategic Portfolio (%)	1 Month	3 Month	Fiscal Year To Date	Calendar Year To Date	1 Year	3 Year	5 Year	10 Year	Since Policy Inception	Since Inception	Inception Date
Miami University Long-Term Capital Tier III (Net of Sub-Mgr Fees)	655.060	100.0%	2.6	5.8	11.7	5.8	14.7	5.4	8.1	5.4	9.2	5.2	30-Jun-02
Miami University Long-Term Capital Tier III (Net of Sub-Mgr and Strategic Fees)	655.060	100.0%	2.6	5.8	11.5	5.8	14.5	5.1	7.8	-	8.9	-	31-Dec-18
Total Portfolio Policy Benchmark Total Portfolio Policy Benchmark (Net of Fees)			2.3 2.3	4.3 4.2	9.8 9.7	4.3 4.2	12.6 12.5	3.4 3.3	6.8 6.6	4.8 -	8.1 7.9	4.9 -	
Miami University - Baseline Tier II (Net of Sub-Mgr Fees)	197.717	100.0%	0.2	0.6	3.7	0.6	4.3	1.8	1.8	1.5	1.8	2.5	30-Jun-02
Miami University - Baseline Tier II (Net of Sub-Mgr and Strategic Fees)	197.717	100.0%	0.2	0.6	3.7	0.6	4.3	1.8	1.7	-	1.7	-	31-Dec-18
Total Portfolio Policy Benchmark Total Portfolio Policy Benchmark (Net of Fees)			0.4 0.4	0.8 0.8	3.9 3.8	0.8 0.8	4.2 4.2	1.4 1.3	1.6 1.6	1.2 -	1.7 1.6	2.0	
Miami University Special Initiatives Fund (Net of Sub-Mgr Fees)	22.538	100.0%	0.4	0.8	3.8	0.8	3.8	0.5	1.8	-	2.4	2.4	19-Sep-18
Miami University Special Initiatives Fund (Net of Sub-Mgr and Strategic Fees)	22.538	100.0%	0.4	0.8	3.8	0.8	3.8	0.4	1.8	-	2.3	2.3	19-Sep-18
Total Portfolio Policy Benchmark			0.4	0.8	3.8	0.8	3.8	0.4	1.7	-	2.3	2.3	
Miami University Core Cash (Net of Sub-Mgr Fees)	220.254		0.2	0.7	3.7	0.7	4.2	1.6	2.0	1.7	2.2	2.6	30-Jun-02
Miami University Core Cash (Net of Sub-Mgr and Strategic Fees)	220.254		0.2	0.6	3.7	0.6	4.2	1.5	1.9	-	2.1	-	31-May-18
Total Miami University Client Group (Net of Sub-Mgr and Strategic Fees)	875.314		2.0	4.4	9.5	4.4	11.7	4.1	6.0	4.1	3.8	3.8	30-Jun-02

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Past performance of future results. Printed: 05/07/2024 Page 1 of 18 3 Month

1 Year

■Portfolio ■Policv

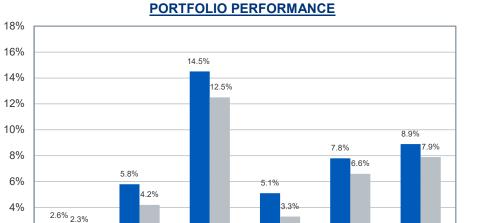
2% 0%

1 Month

#### Miami University Long-Term Capital Tier III

Strategic Investment Group

March 31, 2024



3 Year

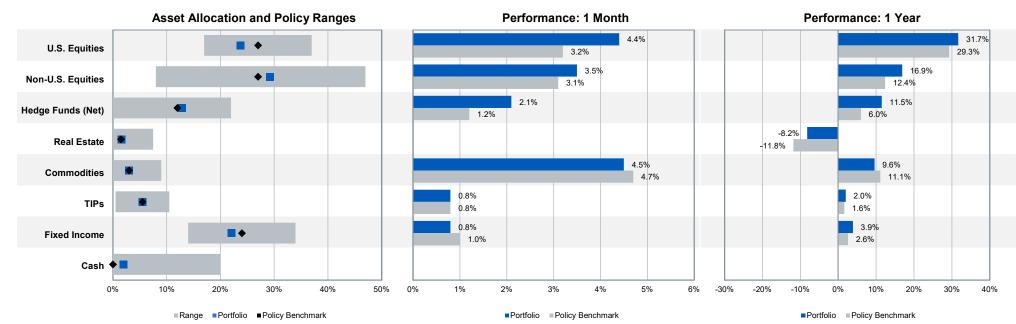
5 Year

Since Policy Inception (12/31/2018)

#### **MARKET COMMENTARY**

The surge in global equities continued in March, capping off a stellar first quarter for asset markets. U.S. and Japanese equities, bitcoin, and gold all hit record highs. Global bond markets also rallied. U.S. Treasury yields fell slightly, and credit spreads narrowed to low levels across the rating spectrum. The primary catalysts for these widespread gains remain expectations for a feather-light landing of the U.S. economy and the fervent, if not feverish, hope that advances in Al will trigger a wave of productivity gains and corporate profits. Rising equity prices and narrowing credit spreads have eased financial conditions, blunted the impact of the Fed's tightening, and fueled U.S. consumer spending. The Fed, unfazed by two months of higher-than-expected inflation, kept rates on hold in March. The Bank of Japan raised its policy rate from just negative to barely positive, signaling victory in its long fight against deflation. Oil prices spiked in March. The U.S. dollar was little changed.

#### ASSET CLASS ALLOCATIONS AND PERFORMANCE



Printed: 05/07/2024 Past perform 10/02 a guarantee of future results. Page 2 of 18

### **PERFORMANCE SUMMARY**

# Miami University Long-Term Capital Tier III



							Rates of I	Return (%)					
Asset Class Benchmark	Market Value (\$ mill)	Portfolio (%)	1 Month	3 Month	Fiscal Year To Date	Calendar Year To Date	1 Year	3 Year	5 Year	10 Year	Since Policy Inception	Since Inception	Inception Date
U.S. Equity U.S. Equity Policy Benchmark	129.483	19.8%	<b>4.4</b> 3.2	<b>12.0</b> 10.0	<b>22.2</b> 19.3	<b>12.0</b> <i>10.0</i>	<b>31.7</b> 29.3	<b>11.9</b>	<b>15.3</b> <i>14.3</i>	-	<b>17.4</b> 16.5	<b>12.9</b> 12.1	31-Aug-18
Non-U.S. Equity  Non-U.S. Equity  Non-U.S. Equity Policy Benchmark	173.274	26.5%	3.5 3.1	<b>6.7</b> 4.2	<b>13.0</b> 10.1	<b>6.7</b> 4.2	<b>16.9</b> 12.4	3.7 1.0	8.1 5.5	-	9.9 7.3	<b>6.7</b> 4.3	31-Aug-18
Global Equity  Global Equity Benchmark	44.415	6.8%	<b>2.2</b> 3.2	<b>8.4</b> 8.9	<b>15.4</b> <i>17.0</i>	<b>8.4</b> 8.9	<b>21.6</b> <i>24.6</i>	<b>4.7</b> 7.9	-	-	-	<b>9.1</b> 11.0	30-Apr-19
Total Equity	347.172	53.0%	3.7	8.9	16.7	8.9	22.9	6.9	11.0	-	12.9	9.2	31-Aug-18
Hedge Funds (Net Exposure) Hedge Funds Policy Benchmark	84.229	12.9%	<b>2.1</b> 1.2	<b>5.4</b> 2.1	<b>9.8</b> 5.3	<b>5.4</b> 2.1	<b>11.5</b> 6.0	<b>5.5</b> 1.1	<b>6.2</b> 3.0	<b>4.7</b> 4.5	<b>6.4</b> 3.0	<b>4.3</b> 6.2	30-Jun-02
Total Alternatives	84.229	12.9%	-	-	-	-	-	-	•	-	-	-	30-Jun-02
Real Estate - IRR Real Estate Policy Benchmark - IRR	10.240	1.6%	-	<b>(2.0)</b> (2.6)	<b>(6.7)</b> (9.3)	<b>(2.0)</b> (2.6)	<b>(8.2)</b> (11.8)	<b>3.6</b> <i>2.1</i>	-	-	-	<b>3.6</b> 2.2	28-Jun-19
Commodities Commodities Policy Benchmark	19.834	3.0%	<b>4.5</b> 4.7	<b>10.0</b> <i>10.4</i>	<b>13.2</b> <i>14.3</i>	<b>10.0</b> 10.4	<b>9.6</b> 11.1	<b>16.6</b> <i>18.0</i>	<b>6.6</b> 7.8	-	-	<b>7.1</b> 8.7	31-Jan-19
TIPS TIPS Policy Benchmark	35.318	5.4%	<b>0.8</b> 0.8	<b>0.4</b> 0.3	<b>3.7</b> 3.1	<b>0.4</b> 0.3	<b>2.0</b> 1.6	<b>1.9</b> 0.8	<b>3.1</b> 3.0	- -	<del>-</del> -	<b>3.4</b> 3.2	30-Jan-19
Total Real Assets	65.392	10.0%	1.5	2.9	4.8	2.9	2.6	6.9	5.0	-	-	5.3	30-Jan-19
U.S. Fixed Income U.S. Fixed Income Policy Benchmark	145.351	22.2%	<b>0.8</b> 1.0	<b>0.5</b> (0.5)	<b>4.5</b> 3.2	<b>0.5</b> (0.5)	<b>3.9</b> 2.6	<b>0.1</b> (2.0)	<b>2.1</b> 0.8	-	<b>2.5</b> 1.4	<b>2.6</b> 1.6	30-Jun-18
Total Fixed Income	145.351	22.2%	0.8	0.5	4.5	0.5	3.9	0.1	2.1	2.4	2.5	4.2	30-Jun-02
Total Cash, Accruals, and Pending Trades	12.916	2.0%	0.5	1.4	4.2	1.4	5.5	2.6	1.9	-	2.0	2.0	27-Aug-18
Miami University Long-Term Capital Tier III (Net of Sub-Mgr Fees)	655.060	100.0%	2.6	5.8	11.7	5.8	14.7	5.4	8.1	5.4	9.2	5.2	30-Jun-02
Miami University Long-Term Capital Tier III (Net of Sub-Mgr and Strategic Fees)	655.060	100.0%	2.6	5.8	11.5	5.8	14.5	5.1	7.8	-	8.9	-	31-Dec-18
Total Portfolio Policy Benchmark Total Portfolio Policy Benchmark (Net of Fees)			2.3 2.3	4.3 4.2	9.8 9.7	4.3 4.2	12.6 12.5	3. <i>4</i> 3.3	6.8 6.6	4.8 -	8.1 7.9	4.9 -	
Cintrifuse Syndicate Fund II, LLC	1.049												
TOTAL	656.109												30-Jun-02

### Miami University Long-Term Capital Tier III



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ASSET CLASS							Rate	s of Re	turn (%)	)				
Style Investment Benchmark	Market Value (\$ mill)	Portfolio (%)	Asset Class (%)	1 Month	3 Month		Calendar Year To Date	1 Year	3 Year	5 Year	10 Year	Since Policy Inception	Since Inception	Inception Date
U.S. Equity	(4)	(10)	(1-)											
Strategic U.S. Equity Trust <sup>15,16</sup> Strategic U.S. Equity Trust Benchmark	104.631	16.9%	85.1%	<b>6.0</b> 5.3	<b>12.5</b> <i>12.1</i>	<b>9.1</b> 8.4	<b>24.7</b> 26.0	<b>24.7</b> 26.0	<b>10.2</b> 8.5	<b>14.6</b> <i>15.2</i>	-	<b>14.6</b> <i>15.2</i>	<b>10.0</b> <i>10.9</i>	31-Aug-18
Active Core Manager 1		1.1%	5.5%	6.2	11.7	12.4	37.9	37.9	-	-	-	-	22.1	31-Mar-21
S&P 500 Total Return Index  Manager 2 Russell 1000 Total Return Index		1.2%	6.0%	4.5 <b>4.1</b> 4.9	9.8 12.0	7.5 8.4	26.3 20.8 26.5	26.3 20.8 26.5	<b>7.0</b> 9.0	-	-	-	8.6 <b>10.7</b> 12.5	30-Apr-19
Manager 3 S&P 500 Total Return Index		1.8%	8.9%	<b>3.7</b> 4.5	<b>13.2</b> 11.7	9.3 8.0	<b>22.6</b> 26.3	<b>22.6</b> 26.3	<b>15.2</b> 10.0	<b>14.7</b> <i>15.7</i>	-	<b>14.7</b> 15.7	10.3 11.7	28-Sep-18
Manager 4 Russell 2500 Total Return Index		1.0%	4.9%	<b>9.8</b> <i>10.7</i>	<b>12.9</b> <i>13.4</i>	<b>7.9</b> 7.9	-	-	-	-	-	-	<b>7.9</b> 7.9	30-Jun-23
Manager 5 Russell 2000 Value Total Return Index		0.7%	3.7%	<b>11.2</b> <i>12.4</i>	<b>14.3</b> <i>15.3</i>	<b>13.2</b> <i>11.8</i>	<b>25.9</b> 14.6	<b>25.9</b> 14.6	-	-	-	-	<b>5.9</b> 1.3	08-Jul-21
Manager 6 Russell 3000 Total Return Index		3.5%	17.6%	<b>5.7</b> 5.3	<b>14.2</b> 12.1	<b>10.3</b> <i>8.4</i>	<b>27.4</b> 26.0	<b>27.4</b> 26.0	<b>10.1</b> 8.5	<b>16.6</b> <i>15.2</i>	<u>-</u> -	<b>16.6</b> <i>15.2</i>	<b>12.2</b> <i>10.9</i>	31-Aug-18
Manager 7 S&P 500 Total Return Index		3.4%	17.3%	<b>4.6</b> 4.5	<b>12.0</b> 11.7	<b>7.5</b> 8.0	<b>26.6</b> 26.3	<b>26.6</b> 26.3	<b>10.1</b> <i>10.0</i>	-	-	-	<b>14.4</b> 13.5	29-Mar-19
Style Manager 8 Russell 1000 Value Total Return Index		1.7%	8.6%	<b>7.2</b> 5.5	<b>9.5</b> 9.5	<b>7.9</b> 6.0	<b>13.6</b> <i>11.5</i>	<b>13.6</b> <i>11.5</i>	<b>11.9</b> 8.9	<b>11.7</b> <i>10.9</i>	-	<b>11.7</b> <i>10.9</i>	<b>7.3</b> 7.7	31-Aug-18
Manager 9 Rhumbline BTA Total Return Index		1.3%	6.5%	<b>8.2</b> 8.2	<b>13.2</b> 13.2	<b>11.6</b> 11.6	<b>19.6</b> 19.6	<b>19.6</b> 19.6	<b>11.1</b> 11.1	-	-	-	<b>16.4</b> 16.5	24-Jun-20
Manager 10 Russell 1000 Growth Total Return Index		0.5%	2.4%	<b>7.7</b> 4.4	<b>23.0</b> 14.2	<b>13.7</b> <i>10.6</i>	<b>52.9</b> 42.7	<b>52.9</b> 42.7	(6.3) 8.9	<b>13.4</b> 19.5	-	<b>13.4</b> 19.5	<b>8.6</b> 14.5	31-Aug-18
Liquidity Manager 11 S&P 500 Total Return Index		0.7%	3.7%	<b>4.1</b> 4.5	<b>10.2</b> 11.7	<b>5.1</b> 8.0	<b>19.9</b> 26.3	<b>19.9</b> 26.3	-	-	-	<u>-</u> -	<b>(1.1)</b> 2.4	19-Nov-21
Cash and Other Cash, Accruals, and Pending Trades Portable Alpha		0.0%		-	-	-	-	-	-	-	-	-	-	
Strategic U.S. Equity Portable Alpha MO3 U.S. Equity Portable Alpha Benchmark Total Return	18.316	3.0%	14.9%	5.0	11.3	9.5	26.7	26.7	12.4	19.1	-	19.1	16.3	31-Oct-18
Index Total U.S. Equity	122.947	19.9%	100.0%	4.5 <b>5.8</b>	11.7 <b>12.3</b>	8.0 <b>9.1</b>	26.3 <b>25.1</b>	26.3 <b>25.1</b>	10.0 <b>10.6</b>	15.7 <b>15.7</b>	-	15.7 <b>15.7</b>	13.5 <b>11.2</b>	31-Aug-18
U.S. Equity Policy Benchmark <sup>3</sup>				5.3	12.1	8.4	26.0	26.0	8.5	15.2	-	15.2	10.7	
Non-U.S. Equity Strategic Developed Markets Ex-U.S. Equity Trust <sup>15,17</sup> Strategic Developed Markets Ex-U.S. Equity Trust Benchmark	100.636	16.3%	60.7%	<b>5.1</b> 5.7	<b>9.2</b> 10.5	<b>6.5</b> <i>6.1</i>	<b>19.7</b> <i>17.2</i>	<b>19.7</b> <i>17.2</i>	<b>7.3</b> 3.7	<b>10.8</b> 8.2	-	<b>10.8</b> 8.2	<b>7.5</b> 5.0	31-Aug-18
Core Manager 12		7.0%	26.0%	4.4	9.0	7.4	21.0	21.0	10.5	13.7	_	13.7	10.2	31-Aug-18
MSCI All Country World Ex-U.S. IMI Total Return (Net) Index (USD)				5.2	9.8	6.0	15.6	15.6	1.5	7.2	-	7.2	4.3	

### Miami University Long-Term Capital Tier III



ASSET CLASS							Rates	s of Re	turn (%)					
Style	Market		Asset				Calendar			_		Since		
Investment Benchmark	Value (\$ mill)	Portfolio (%)	Class (%)	1 Month	3 Month		Year To Date	1 Year	3 Year	5 Year	10 Year	Policy Inception	Since Inception	Inception Date
Developed Markets	(ψ 111111)	( /0)	( /0)	WOITH	WIOTILIT	Date	Date	i eai	i eai	i eai	I Gai	псериоп	псериоп	Date
Manager 13  MSCI EAFE Small Cap Total Return (Net) Index (USD)		1.5%	5.8%	<b>6.4</b> 7.3	<b>10.6</b> <i>11.1</i>	<b>7.7</b> 7.2	<b>14.3</b> <i>13.2</i>	<b>14.3</b> <i>13.2</i>	<b>3.5</b> (0.7)	<b>9.2</b> 6.6	-	<b>9.2</b> 6.6	<b>4.6</b> 2.6	31-Aug-18
Manager 14 MSCI EAFE Total Return (Net) Index (USD)		3.8%	14.2%	<b>5.1</b> 5.3	<b>9.5</b> 10.4	<b>5.9</b> 5.9	<b>26.9</b> 18.2	<b>26.9</b> <i>18.2</i>	<b>8.6</b> 4.0	<b>10.4</b> 8.2	-	<b>10.4</b> 8.2	<b>6.7</b> 5.1	31-Aug-18
Manager 15 S&P TSX Capped Composite Index (USD)		1.0%	3.9%	<b>6.3</b> 6.4	<b>10.5</b> 10.8	<b>7.2</b> 5.7	<b>15.7</b> 14.4	<b>15.7</b> 14.4	<b>9.3</b> 8.1	<b>12.0</b> 12.0	-	<b>12.0</b> 12.0	<b>7.4</b> 7.9	31-Aug-18
Manager 16 FTSE Japan Index (USD) Total Return Index (USD)		0.8%	3.0%	<b>3.8</b> 4.2	<b>7.7</b> 7.7	<b>5.4</b> 5.6	<b>20.1</b> 17.1	<b>20.1</b> 17.1	-	-	-	-	<b>18.9</b> <i>15.9</i>	06-Dec-22
Manager 17 MSCI EAFE Total Return (Net) Index (USD)		1.7%	6.3%	<b>6.0</b> 5.3	<b>7.8</b> 10.4	-	-	-	-	-	-	-	<b>5.7</b> 6.7	31-Aug-23
Liquidity Manager 18 MSCI EAFE Total Return (Net) Index (USD)		0.4%	1.5%	<b>4.9</b> 5.3	<b>9.3</b> 10.4	<b>2.5</b> 5.9	<b>12.5</b> 18.2	<b>12.5</b> 18.2	-	-	-	-	(2.5) 0.4	31-Aug-21
Manager 19 MSCI EAFE IMI Total Return (Net) Index (USD)		0.0%	0.0%	<b>5.6</b> 5.6	<b>10.4 10.9</b> <i>10.5</i>	<b>5.7</b> 6.1	18.0 17.5	18.0 17.5	3.8 3.3	<b>8.2</b> 7.9	-	<b>8.2</b> 7.9	<b>5.0</b> 4.8	31-Aug-18
Cash and Other														
Cash, Accruals, and Pending Trades Emerging Markets - Core		0.0%		-	-	-	-	-	-	-	-	-	-	
Strategic Emerging Markets Equity Trust <sup>15,18</sup> Strategic Emerging Markets Equity Trust Benchmark	36.877	6.0%	22.2%	<b>3.5</b> 3.9	<b>7.3</b> 7.9	<b>3.6</b> <i>4.7</i>	<b>10.0</b> 9.8	<b>10.0</b> 9.8	<b>(4.4)</b> (5.1)	<b>4.8</b> 3.7	-	<b>4.8</b> 3.7	<b>1.5</b> 1.9	31-Aug-18
Emerging Markets - Core  Manager 20  MSCI Emerging Markets Total Return (Net) Index (USD)		1.3%	4.9%	<b>4.0</b> 3.9	<b>7.6</b> 7.9	<b>4.6</b> 4.7	<b>9.5</b> 9.8	<b>9.5</b> 9.8	<b>(5.0)</b> (5.1)	<b>3.8</b> 3.7	-	<b>3.8</b> 3.7	<b>1.9</b> 1.9	31-Aug-18
Manager 21 MSCI Emerging Markets Total Return (Net) Index (USD)		1.0%	3.8%	<b>3.3</b> 3.9	<b>8.6</b> 7.9	<b>3.0</b> <i>4.7</i>	<b>9.3</b> 9.8	<b>9.3</b> 9.8	(12.0) (5.1)	<b>3.4</b> 3.7	-	<b>3.4</b> 3.7	<b>0.4</b> 1.9	31-Aug-18
Manager 22 MSCI China A Onshore Total Return Index (USD)		0.1%	0.5%	<b>(2.4)</b> <i>(1.3)</i>	<b>(5.3)</b> (3.1)	<b>(13.1)</b> (7.6)	<b>(21.6)</b> (11.7)	<b>(21.6)</b> <i>(11.7)</i>	-	-	-	-	(7.0) (0.2)	31-Oct-22
Manager 23 MSCI Emerging Markets Total Return (Net) Index (USD)		1.5%	5.5%	<b>3.4</b> 3.9	<b>6.0</b> 7.9	<b>1.3</b> <i>4.7</i>	<b>9.6</b> 9.8	<b>9.6</b> 9.8	<b>(1.7)</b> (5.1)	<b>5.2</b> 3.7	-	<b>5.2</b> 3.7	<b>2.2</b> 1.9	31-Aug-18
Manager 24 MSCI Emerging Markets Total Return (Net) Index (USD)		0.9%	3.4%	<b>2.7</b> 3.9	<b>8.4</b> 7.9	<b>5.1</b> <i>4.7</i>	<b>8.8</b> 9.8	<b>8.8</b> 9.8	<b>(8.6)</b> (5.1)	-	-	-	<b>(0.2)</b> <i>0.6</i>	17-Dec-19
Emerging Markets - Non-Core  Manager 25 Strategic Non-Core EM Equity Trust Benchmark		0.9%	3.3%	<b>4.4</b> 3.4	<b>7.9</b> 5.1	<b>10.0</b> 7.4	<b>23.6</b> 14.3	<b>23.6</b> 14.3	<b>13.8</b> <i>1.0</i>	<b>9.6</b> 4.8	-	<b>9.6</b> 4.8	<b>6.8</b> 3.4	31-Aug-18

### Miami University Long-Term Capital Tier III



ASSET CLASS							Rates	s of Ret	turn (%)	)				
Style Investment Benchmark	Market Value (\$ mill)	Portfolio (%)	Asset Class (%)	1 Month	3 Month	Year To	Calendar Year To Date		3 Year	5 Year	10 Year	Since Policy Inception	Since Inception	Inception Date
Emerging Markets - Non-Core	,	. ,										•	•	
Manager 26		0.2%	0.8%	4.8	8.9	10.6	20.0	20.0	11.4	9.0	-	9.0	7.0	31-Aug-18
Acadian Frontier Custom Benchmark MGR Total Return Index (USD)				3.2	4.8	6.3	11.4	11.4	1.3	3.6	-	3.6	2.3	
Manager 27		0.2%	0.6%	1.3	3.4	5.6	16.9	16.9	9.0	1.1	-	1.1	(1.7)	31-Aug-18
FTSE ASEA Pan Africa Index ex South Africa Total Return Index (USD)				(1.1)	7.3	9.8	7.1	7.1	2.7	2.9	-	2.9	1.3	
Manager 28		0.2%	0.8%	7.2	10.4	11.9	31.3	31.3	22.4	13.8	-	13.8	11.6	31-Aug-18
S&P Pan Arab Composite Large Mid Cap Net Total Return Index (USD)				5.6	6.4	5.1	8.0	8.0	11.9	9.2	-	9.2	8.4	
Manager 29		0.2%	0.7%	4.5	8.4	12.7	31.3	31.3	15.3	16.0	-	16.0	11.1	31-Aug-18
MSCI Emerging Markets Small Cap Total Return (Net) Index (USD)				4.4	8.9	12.1	23.9	23.9	6.5	9.9	-	9.9	7.1	
Liquidity		0.40/	0.00/		40.0		40 =	40 =					( <b>=</b> 0)	0.4.14
Manager 30 MSCI Emerging Markets IMI Total Return (Net) Index		0.1%	0.3%	3.9	10.2	6.4	13.5	13.5	-	-	-	-	(5.3)	04-May-21
(USD)				4.0	8.0	5.7	11.7	11.7	-	-	-	-	(5.8)	
Cash and Other														
Cash, Accruals, and Pending Trades  Liquidity		0.0%		-	-	-	-	-	-	-	-	-	-	
Manager 31		0.2%	0.8%	3.6	7.0	1.4	4.6	4.6	-	-	-	-	(10.1)	31-Aug-21
MSCI Emerging Markets Total Return (Net) Index (USD)  Manager 32		0.0%	0.0%	3.9 <b>3.9</b>	7.9 <b>8.4</b>	4.7 <b>4.7</b>	9.8 11.6	9.8 <b>11.6</b>	(3.9)	4.3		4.3	(7.6) <b>2.3</b>	31-Aug-18
MSCI Emerging Markets IMI Total Return (Net) Index (USD)		0.0%	0.0%	4.0	8.0	<b>4.7</b> 5.7	11.7	11.7	(3.7)	<b>4.3</b> 4.5	-	<b>4.3 4.5</b>	2.5	31-Aug-16
Cash and Other														
Cash, Accruals, and Pending Trades  Portable Alpha		0.0%		-	-	-	-	-	-	-	-	-	-	
Strategic Developed Non-U.S. Equity Portable Alpha	13.177	2.1%	7.9%	5.7	10.4	6.9	19.1	19.1	6.8	-	_	-	10.3	31-Jan-19
MO3 Developed Non-U.S. Equity Portable Alpha Benchmark Total Return Index (USD)				5.3	10.4	5.9	18.2	18.2	4.0	-	-	-	6.9	
Strategic Emerging Markets Portable Alpha	13.490	2.2%	8.1%	4.5	8.2	5.7	10.9	10.9	(2.7)	-	-	-	9.4	10-Mar-20
MO3 Emerging Markets Portable Alpha Benchmark Total Return Index (USD)				3.9	7.9	4.7	9.8	9.8	(5.1)	-	-	-	7.7	
Liquidity														
MSCI EAFE ETF (iShares Core)	1.192	0.2%	0.7%	5.6	10.9	5.7	18.0	18.0	3.8	-	_	-	5.7	31-Jan-20
MSCI EAFE IMI Total Return (Net) Index (USD)				5.6	10.5	6.1	17.5	17.5	3.3	-	-	-	5.3	
MSCI Emerging Markets ETF	0.459	0.1%	0.3%	<b>3.9</b> 4.0	<b>8.4</b> <i>8.0</i>	<b>4.7</b> 5.7	11.6	11.6	<b>(3.9)</b> (3.7)	<b>4.3</b> 4.5	-	<b>4.3</b> 4.5	<b>3.6</b> 3.9	30-Nov-18
MSCI Emerging Markets IMI Total Return (Net) Index (USD)  Total Non-U.S. Equity	165.830	26.8%	100.0%		8.8	5.7	11.7 16.6	11.7 <b>16.6</b>	3.6	9.0		9.0	5.7	31-Aug-18
Non-U.S. Equity Policy Benchmark <sup>4</sup>				5.1	9.6	5.6	14.7	14.7	0.8	6.8	-	6.8	3.7	J. 7.09 10
Global Equity  Global														
Strategic Global Equity Trust <sup>15,19</sup>	40.974	6.6%	100.0%	4.6	11.0	6.4	18.9	18.9	4.2	-	-	-	7.8	30-Apr-19
Strategic Global Equity Trust Benchmark				4.9	11.4	7.5	22.8	22.8	6.6	-	-	-	9.7	

# Miami University Long-Term Capital Tier III



March 31, 2024

ET CLASS							Rates	s of Ref	turn (%)	)				
yle	Market		Asset				Calendar					Since		_
Investment	Value	Portfolio		1	3	Year To		. 1	3	5	10	Policy	Since	Inception
Benchmark Global	(\$ mill)	(%)	(%)	Month	Month	Date <sup>(12)</sup>	Date	Year	Year	Year	Year	Inception	Inception	Date
Manager 33		2.2%	32.6%	6.8	14.0	7.9	27.1	27.1	5.5				9.5	30-Apr-19
MSCI World Total Return (Net) Index (USD)		2.270	32.0%	4.9	11.4	7. <b>5</b> 7.6	23.8	23.8	7.3	-	-	-	<b>9.5</b> 10.1	30-Apr-1
Manager 34		2.1%	31.8%	3.5	9.4	7.5	22.4	22.4	2.6		_	-	8.0	30-Apr-19
MSCI World Total Return (Net) Index (USD)		,•		4.9	11.4	7.6	23.8	23.8	7.3	-	-	-	10.1	
Manager 35		2.1%	31.2%	3.3	9.8	-	-	-	-	-	-	-	4.6	31-Aug-2
MSCI World Total Return (Net) Index (USD)				4.9	11.4	-	-	-	-	-	-	-	6.6	
Liquidity														
Manager 36		0.1%	1.7%	4.8	9.3	2.5	12.7	12.7	-	-	-	-	(2.6)	31-Dec-2
MSCI EAFE Total Return (Net) Index (USD)				5.3	10.4	5.9	18.2	18.2	-	-	-	-	0.6	
Manager 37		0.0%	0.0%	5.6	10.9	5.7	18.0	18.0	-	-	-	-	(0.3)	31-Aug-2
MSCI EAFE IMI Total Return (Net) Index (USD)		2.20/		5.6	10.5	6.1	17.5	17.5	_	-		-	(0.7)	
Manager 38		0.0%	0.0%	<b>4.6</b> 4.5	11.6	<b>8.0</b> 8.0	<b>26.2</b> 26.3	<b>26.2</b> 26.3	-	-	-	-	3.9	31-Aug-2
S&P 500 Total Return Index (USD)		0.00/	2.00/		11.7	5.1	19.8		-			-	4.0	31-Dec-2
Manager 39 S&P 500 Total Return Index (USD)		0.2%	2.6%	<b>4.1</b> 4.5	<b>10.2</b> <i>11.7</i>	<b>5.</b> 1 8.0	19.8 26.3	<b>19.8</b> 26.3	-	-	-	-	<b>(1.9)</b> 1.7	31-Dec-2
Cash and Other				7.0	11.7	0.0	20.0	20.0				_	1.7	
Cash, Accruals, and Pending Trades		0.0%		_	_	_	_	_	_	_	_	_	_	
Total Global Equity	40.974	6.6%	100.0%	4.6	11.0	6.4	18.9	18.9	4.2	-	-	-	7.8	30-Apr-1
Global Equity Benchmark ⁵				4.9	11.4	7.5	22.8	22.8	6.6	-	-	-	9.7	
Total - Equity	329.751	53.3%	100.0%		10.4	7.2	20.1	20.1	6.3	11.7	-	11.7	7.9	31-Aug-1
Equity Policy Benchmark				5.2	10.9	7.0	20.3	20.3	4.7	11.0	-	11.0	7.2	
ge Funds														
Strategic Funds SPC Alpha Segregated Portfolio <sup>15,20</sup>	132.248	21.4%	176.2%		1.1	4.3	5.9	5.9	4.9	5.8	-	5.8	5.2	31-Oct-1
Strategic Funds SPC Alpha Segregated Portfolio Benchmark				1.6	2.3	3.1	3.9	3.9	0.9	2.7	-	2.7	2.3	
Equity Market-Neutral		4 40/	11.4%	2.6	2.7	7.6	46.6	46.6	18.0	17.7		17.7	46.7	31-Oct-1
Manager 40 HFRX Equity Market Neutral Index		1.4%	11.4%	<b>2.6</b> 0.6	2.1	3.2	16.6 <i>4</i> .2	<b>16.6</b> <i>4.2</i>	1.7	(0.2)	-	(0.2)	<b>16.7</b> (0.5)	31-001-1
Manager 41		1.0%	8.2%	2.1	5.1	7.0	13.7	13.7	8.7	9.6	_	9.6	8.2	31-Oct-1
HFRX Equity Market Neutral Index		1.0 /0	0.2 /0	0.6	2.3	3.2	4.2	4.2	1.7	(0.2)	-	(0.2)	(0.5)	31-001-1
Manager 42		0.4%	3.2%	(0.9)	0.5	2.5	11.0	11.0	12.5	9.1	_	9.1	8.4	31-Oct-1
HFRX Equity Market Neutral Index		411,70	0.270	0.6	2.3	3.2	4.2	4.2	1.7	(0.2)	_	(0.2)	(0.5)	
Manager 43		1.2%	9.9%	(0.2)	2.3	4.1	9.8	9.8	6.5	10.4	-	10.4	10.1	31-Oct-1
HFRX Equity Market Neutral Index				0.6	2.3	3.2	4.2	4.2	1.7	(0.2)	-	(0.2)	(0.5)	
Manager 44		0.8%	6.6%	0.8	(0.7)	2.6	1.3	1.3	-	-	-	-	(2.5)	31-Jan-2
HFRX Equity Market Neutral Index				0.6	2.3	3.2	4.2	4.2	-	-	-	-	1.9	
Manager 45		0.7%	5.7%	(3.5)	5.4	-	-	-	-	-	-	-	9.8	31-Jul-2
HFRX Equity Market Neutral Index				0.6	2.3	-	-	-	-	-	-	-	3.8	

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# Miami University Long-Term Capital Tier III



CLASS	·					<u> </u>		s of Ret	urn (%)	1	· · · · ·		<u> </u>	_
e	Market	Portfolio	Asset	1	3		Calendar	1	3	5	10	Since	Cinas	Incontic
nvestment Benchmark	Value (\$ mill)	(%)	Class (%)	Month			Year To Date	Year	Year	ວ Year	Year	Policy Inception	Since Inception	Inception Date
Fixed Income Relative Value	(\$)	(70)	(70)		- IIIOIII	Duto					· oui	шоорион	шоорион	Duto
Manager 46		1.0%	8.3%	0.2	1.6	2.4	3.9	3.9	2.2	-	-	-	2.0	31-Aug-
HFRX Relative Value Arbitrage Index				2.1	1.9	2.5	4.8	4.8	(1.0)	-	-	-	0.2	
Manager 47 HFRX Relative Value Arbitrage Index		1.2%	10.1%	<b>1.5</b> 2.1	<b>1.3</b> <i>1.9</i>	<b>4.3</b> 2.5	<b>8.4</b> 4.8	<b>8.4</b> <i>4.8</i>	<b>4.3</b> (1.0)	<b>4.1</b> 2.3	-	<b>4.1</b> 2.3	<b>3.9</b> 1.7	31-Oct-
Manager 48 HFRX Relative Value Arbitrage Index		1.2%	9.9%	<b>0.8</b> 2.1	<b>1.9</b> <i>1.9</i>	<b>6.1</b> 2.5	<b>9.4</b> 4.8	<b>9.4</b> 4.8	<b>6.5</b> (1.0)	<b>8.8</b> 2.3	-	<b>8.8</b> 2.3	<b>8.2</b> 1.7	31-Oct-
Equity Long/Short									( -/			-		
Manager 49 HFRX Equity Hedge Index		0.9%	7.0%	<b>(0.6)</b> 1.6	<b>(1.1)</b> 3.6	<b>1.4</b> 3.8	( <b>0.9</b> ) 6.9	( <b>0.9</b> )	-	-	-	-	<b>7.2</b> 5.1	29-Jul-2
Manager 50 HFRX Equity Hedge Index		1.2%	9.5%	<b>10.3</b> 1.6	<b>4.1</b> 3.6	<b>6.8</b> 3.8	(0.9) 6.9	( <b>0.9</b> )	<b>19.8</b> <i>5.1</i>	-	-	-	<b>25.8</b> 7.7	30-Jun-
Manager 51		1.1%	9.0%	1.4	1.2	4.6	9.7	9.7	16.4	8.3		8.3	6.5	31-Oct-
HFRX Equity Hedge Index		1.170	0.070	1.6	3.6	3.8	6.9	6.9	5.1	6.1	_	6.1	4.9	0.000
Manager 52 HFRX Equity Hedge Index		1.3%	11.1%	<b>(0.1)</b> 1.6	<b>2.6</b> 3.6	<b>5.0</b> 3.8	<b>14.0</b> 6.9	<b>14.0</b> 6.9	<b>2.0</b> 5.1	<b>10.1</b> 6.1	-	<b>10.1</b> 6.1	<b>8.9</b> 4.9	31-Oct-
Credit Long/Short														
Manager 53 HFRX Event Driven Index		0.5%	3.7%	<b>1.6</b> <i>1.2</i>	<b>2.5</b> 1.4	<b>3.9</b> <i>3.6</i>	<b>6.4</b> <i>0.5</i>	<b>6.4</b> <i>0.5</i>	<b>10.7</b> (2.2)	<b>6.8</b> 2.3	-	<b>6.8</b> 2.3	<b>6.2</b> 1.8	31-Oct-
Manager 54 HFRX Event Driven Index		0.7%	6.0%	<b>1.3</b> 1.2	<b>2.4</b> 1.4	<b>3.3</b> 3.6	<b>8.0</b> 0.5	<b>8.0</b> 0.5	<b>5.2</b> (2.2)	<b>5.1</b> 2.3	-	<b>5.1</b> 2.3	<b>4.5</b> 1.8	31-Oct-
Global Macro														
Manager 55 HFRX Macro/CTA Index		1.0%	8.1%	<b>(5.7)</b> 0.2	<b>(11.1)</b> <i>(1.3)</i>	<b>(4.3)</b> (1.7)	<b>(7.4)</b> (1.5)	<b>(7.4)</b> (1.5)	<b>3.1</b> <i>0.5</i>	<b>(0.9)</b> 2.1	-	( <b>0.9)</b> 2.1	<b>0.3</b> 2.1	31-Oct-
Manager 56 HFRX Macro/CTA Index		0.8%	6.7%	(1.6) 0.2	<b>(3.5)</b> (1.3)	<b>5.0</b> (1.7)	<b>(11.1)</b> <i>(1.5)</i>	<b>(11.1)</b> (1.5)	(7.9) 0.5	<b>0.2</b> 2.1	-	<b>0.2</b> 2.1	(1.2) 2.1	31-Oct-
Multi-Strategy														
Manager 57 HFRX Equal Weighted Strategies Index		1.0%	8.3%	<b>0.7</b> 1.6	<b>1.3</b> 2.3	<b>3.3</b> <i>3.1</i>	<b>7.5</b> 3.9	<b>7.5</b> 3.9	<b>5.4</b> 0.9	<b>8.4</b> 2.7	-	<b>8.4</b> 2.7	<b>8.1</b> 2.3	31-Oct-
Manager 58 HFRX Equal Weighted Strategies Index		1.0%	8.6%	<b>1.2</b> 1.6	<b>2.9</b> 2.3	<b>4.0</b> 3.1	<b>7.3</b> 3.9	<b>7.3</b> 3.9	<b>3.4</b> 0.9	<b>6.1</b> 2.7	-	<b>6.1</b> 2.7	<b>5.8</b> 2.3	31-Oct-
Manager 59 HFRX Equal Weighted Strategies Index		1.1%	8.8%	<b>3.2</b> 1.6	<b>2.1</b> 2.3	<b>4.7</b> 3.1	<b>7.6</b> 3.9	<b>7.6</b> 3.9	<b>6.0</b> 0.9	<b>10.6</b> 2.7	-	<b>10.6</b> 2.7	<b>10.5</b> 2.3	31-Oct-
Manager 60 HFRX Equal Weighted Strategies Index		0.9%	7.6%	<b>0.0</b> 1.6	<b>1.2</b> 2.3	<b>6.0</b> 3.1	<b>2.3</b> 3.9	<b>2.3</b> 3.9	<b>3.3</b> 0.9	-	-	-	<b>5.8</b> 2.4	31-Oct-
Cash and Other														
Liquidating Funds Cash and Other		0.3%	2.7%	-	-	-	-	-	-	-	-	-	-	
Cash, Accruals, and Pending Trades		0.0%		-	-	-	-	-	-	-	-	-	-	
asset Allocation Overlay	(57.612)	(9.3%)	(76.8%)	0.0	0.0	0.0	0.0	0.0	_	_	_	-	0.0	31-Dec-

# Miami University Long-Term Capital Tier III



ASSET CLASS								s of Ret	urn (%)					_
Style	Market		Asset				Calendar		_	_		Since		
Investment	Value	Portfolio		1	3		Year To	. 1	. 3	5	10	Policy	Since	Inception
Benchmark	(\$ mill)	(%)	(%)	Month	Month	Date <sup>(12)</sup>	Date	Year	Year	Year	Year	Inception	Inception	Date
Cash and Other														
Liquidating Funds	0.417	0.1%	0.6%	-	-	-	-	-	-	-	-	-	-	
Total Hedge Funds	75.053	12.1%	100.0%	0.9	1.1	4.2	5.9	5.9	4.9	5.6	4.3	5.6	4.1	30-Jun-02
Hedge Funds Policy Benchmark <sup>6</sup>				1.6	2.3	3.1	3.9	3.9	0.9	2.7	4.4	2.7	6.2	
Total - Alternatives	75.053	12.1%	100.0%	0.9	1.2	4.3	6.0	6.0	5.0	5.7	4.3	5.7	4.1	30-Jun-02
Real Estate														
Core Open-End														
Harrison Street Core Property Fund, L.P	1.597	0.3%	15.1%	-	(3.5)	(5.2)	(5.6)	(5.6)	5.4	-	-	-	5.3	05-Jul-19
NCREIF Open End Diversified Core Index				_	(5.0)	(6.7)	(12.3)	(12.3)	5.6	-	-	-	4.3	
Prime Property Fund, LLC	5.025	0.8%	47.6%		(2.2)	(2.4)	(5.8)	(5.8)	7.5			_	5.8	27-Sep-19
NCREIF Open End Diversified Core Index	0.020	0.070	111070	_	(5.0)	(6.9)	(12.6)	(12.6)	5.2	_	_	_	4.0	2. Cop
PRISA Fund	3.944	0.6%	37.3%		(4.5)	(7.7)	(11.0)	(11.0)	4.4			_	3.8	28-Jun-19
NCREIF Open End Diversified Core Index	3.344	0.070	37.370		(5.0)	(7.0)	(12.7)	(12.7)	4.0	_	_	-	3.3	20-3411-13
Total Real Estate - IRR®	10.565	1.7%	100.0%		(3.3)	(4.8)	(7.7)	(7.7)	4.8			-	4.2	28-Jun-19
Real Estate Policy Benchmark - IRR <sup>7</sup>	10.505	1.7 /0	100.0 /6		(5.0)	(6.9)	(12.6)	(12.6)	3.5	-	-	-	2.9	20-Juli-13
Total Real Estate - Time Weighted®	10.565	1.7%	100.0%	-	(3.3)	(4.9)	(7.8)	(7.8)	5.2	-	_	-	4.6	28-Jun-19
Real Estate Policy Benchmark <sup>7</sup>	10.000	117 /0	100.070	-	(5.0)	(7.0)	(12.7)	(12.7)	4.0	-	-	-	3.3	20 0411 10
Commodities					, ,	, ,	, ,	, ,						
Liquidity														
iShares GSCI Commodity Index	18.036	2.9%	100.0%	(3.0)	(10.9)	3.0	(5.5)	(5.5)	17.6	_	_	_	5.7	31-Jan-19
S&P GSCI Total Return Index	10.000	2.5 /0	100.070	(3.3)	(10.7)	3.5	(4.3)	(4.3)	19.2	_	_	_	7.0	51-5an-15
Total Commodities	18.036	2.9%	100.0%		(11.0)	2.9	(5.5)	(5.5)	17.8	-	-	-	5.4	31-Jan-19
Commodities Policy Benchmark <sup>9</sup>	101000	2.0 /0	1001070	(3.3)	(10.7)	3.5	(4.3)	(4.3)	19.2	-	-	-	7.0	01 0411 10
•				( /	( - /		( -/	( -/						
TIPS														
Strategic TIPS	29.545	4.8%	100.0%		3.8	3.3	5.2	5.2	1.7	-	-	-	3.5	30-Jan-19
Bloomberg 1 to 10 Year TIPS Index				2.1	3.9	2.8	4.4	4.4	0.7	-	-	-	3.4	
Total TIPS	29.545	4.8%	100.0%	1.9	3.8	3.3	5.2	5.2	1.7	-	-	-	3.5	30-Jan-19
TIPS Policy Benchmark <sup>10</sup>				2.1	3.9	2.8	4.4	4.4	0.7	-	-	-	3.3	
Total - Real Assets	58.146	9.4%	100.0%	(0.6)	(2.1)	1.8	(0.7)	(0.7)	7.4	-	-		5.0	30-Jan-19
U.S. Fixed Income														
Treasuries														
Strategic Treasury Holdings	84.691	13.7%	59.5%	3.1	5.8	2.7	4.9	4.9	(2.8)	0.0	_	0.0	0.3	07-Sep-18
Duration Adjusted Bloomberg U.S. Treasury Index (Tier III)				3.3	5.5	2.4	5.4	5.4	(2.9)	(0.3)	_	(0.3)	0.0	
Active Credit									(=:=/	(0.0)		(515)		
Ellington Strategic Mortgage Fund, L.P.	18.129	2.9%	12.7%	1.2	3.1	6.0	10.5	10.5	_	_	_	_	6.8	31-Aug-22
Citigroup Mortgage Index	10.129	2.3 /0	14.1 /0	4.4	7.5	3.1	4.7	4.7	-	-	-	-	1.3	31-Aug-22
	47 740	0.00/	40.50/									_		20 1 22
GoldenTree HY Value Offshore Strategic	17.716	2.9%	12.5%	3.1	6.1	7.2	11.5	11.5	-	-	-	-	10.3	30-Jun-22
Citigroup High Yield Market Index				3.6	6.9	7.6	13.5	13.5	-	-	-	-	11.2	
KKR Global Credit Opportunities Fund (Overseas) L.P.	9.068	1.5%	6.4%	3.3	4.4	8.3	21.1	21.1	-	-	-	-	7.0	31-Mar-22
BofA Merrill Lynch High Yield Cash Pay Index				3.7	7.1	7.6	13.4	13.4	-	-	-	-	3.1	

### Miami University Long-Term Capital Tier III



March 31, 2024

ASSET CLASS							Rate	s of Re	turn (%)	)				
Style Investment Benchmark	Market Value (\$ mill)	Portfolio (%)	Asset Class (%)	1 Month	3 Month	Year To	Calendar Year To Date	1 Year	3 Year	5 Year	10 Year	Since Policy Inception	Since Inception	Inception Date
Portable Alpha														
Strategic U.S. Fixed Income Portable Alpha MO3 U.S. Fixed Income Portable Alpha Benchmark Index	12.629	2.0%	8.9%	<b>3.8</b> <i>3.4</i>	<b>5.2</b> 5.7	<b>3.8</b> 2.4	<b>4.2</b> 4.1	<b>4.2</b> 4.1	<b>(2.0)</b> <i>(3.8)</i>	<b>3.7</b> <i>0.5</i>	-	<b>3.7</b> <i>0.5</i>	<b>3.8</b> <i>0.5</i>	07-Dec-18
Total U.S. Fixed Income	142.234	23.0%	100.0%	2.9	5.3	4.0	7.1	7.1	(0.5)	2.5	-	2.5	2.6	30-Jun-18
U.S. Fixed Income Policy Benchmark				3.8	6.8	3.8	6.3	6.3	(2.8)	1.6	-	1.6	1.7	
Total - Fixed Income	142.234	23.0%	100.0%	2.9	5.3	4.0	7.1	7.1	(0.5)	2.5	2.5	2.5	4.3	30-Jun-02
Total - Fixed Income Segment				3.6	6.5	3.9	6.4	6.4	(2.2)	-	_	1.7	0.4	
Fixed Income Policy Benchmark <sup>11</sup>				3.8	6.8	3.8	6.3	6.3	(2.8)	1.6	2.0	1.6	3.5	
Total - Cash, Accruals, and Pending Trades <sup>14</sup>	13.885	2.2%	100.0%	0.5	1.4	2.8	5.0	5.0	2.1	1.8	-	1.8	1.8	27-Aug-1
Miami University Long-Term Capital Tier III (Net of Sub-Mgr Fees) <sup>1</sup>	619.070	100.0%		3.5	6.7	5.6	13.0	13.0	4.9	8.4	5.0	8.4	5.0	30-Jun-02
Miami University Long-Term Capital Tier III (Net of Sub-Mgr and Strategic Fees) <sup>1</sup>	619.070	100.0%		3.5	6.7	5.5	12.7	12.7	4.7	8.2	-	8.2	-	31-Dec-18
Total Portfolio Policy Benchmark <sup>1,2</sup>				3.9	7.5	5.3	12.7	12.7	2.9	7.6	4.5	7.6	4.8	
Total Portfolio Policy Benchmark (Net of Fees) <sup>1,2</sup>				3.9	7.5	5.3	12.5	12.5	2.7	7.4	-	7.4	-	
Cintrifuse Syndicate Fund II, LLC	1.049													
TOTAL	656.109													30-Jun-02

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#### PERFORMANCE DETAIL FOOTNOTES

#### Miami University Long-Term Capital Tier III

March 31, 2024



#### Note:

- Rates of return are annualized except for periods of less than one year.

  Rates of return for terminated managers are included in each asset category.
- Returns for individual sub-managers are reported net of sub-manager fees. Returns for commingled vehicles are reported net of all fees as reflected in the NAV.
- Total time-weighted rates of return are calculated daily using actual and estimated intramonth asset valuations.
- Strategic reports performance of commingled vehicles as of the date when the net asset value is determined in order to reflect intended market exposures. All other performance is reported on a "trade date" basis. Market values and returns are (1) subject to revisions due to updated valuations of the underlying investments and (2) based on the latest information available at the time of this report.
- We urge you to compare the information in these reports with the account statements and reports that you receive directly from your custodian and administrators. Please be advised that Strategic statements will likely vary from custodial and administrators statements for reasons that often include: differences in accounting procedures, reporting dates, performance calculation methodologies, and valuation methodologies.
- 1) Total Portfolio and Benchmark Returns
  - Total Portfolio (Net of Sub-Manager Fees) Multi-period returns are net of all sub-manager fees.
  - Portfolio Benchmark: Multi-period returns are calculated assuming benchmark is rebalanced monthly to policy weights.
  - Total Portfolio (Net of Sub-Manager and Strategic Fees) Multi-period returns are net of both Strategic and sub-manager fees.
  - Portfolio Benchmark (Net of Fees): A management fee is deducted for each asset class that is not already net of a management fee as defined by the investment guidelines. Transaction costs are deducted related to monthly rebalancing, changes to policy allocations and cash flows into or out of the portfolio. The multi-period returns represent Strategic's estimate of realistic performance of an investable, passively-managed benchmark. Additional information regarding management fees and transaction costs is available upon request.
- 2) Total Portfolio Benchmark
  - The long term Total Portfolio Benchmark is 54% Equity (27% U.S., 18% Developed Non-U.S., 9% Emerging Markets), 12% Alternatives (12% Hedge Funds), 10% Real Assets (3% Real Estate, 3% Commodities, 4% TIPS), and 24% Fixed Income (21.5% U.S. Investment Grade, 2.5% U.S. High Yield). The benchmark is adjusted to float Real Estate weight based on its actual weight in the portfolio at the end of each quarter, rounded to the nearest 0.5 percentage point. The portion of the long-term policy benchmark earmarked but not used for Real Estate is allocated to TIPS.
  - During the 'Transition Period', which began on 07/01/2018 and ended on 12/31/2018, the benchmark was set to be the actual performance of the account and each asset class benchmark was set to be the performance of the asset class.
- 3) U.S. Equity Policy Benchmark
  - Russell 3000 Index
- 4) Non-U.S. Equity Policy Benchmark
  - 66.7% MSCI World Ex-U.S. IMI (Net) and 33.3% MSCI Emerging Markets Index (Net)
- 5) Global Equity Benchmark
  - A custom benchmark that is the weighted average of the underlying manager benchmarks. Weights are based on the market values of the underlying global equity managers in the portfolio and are rebalanced monthly.
- 6) Hedge Fund Policy Benchmark
  - HFRX Equal Weighted Strategies Index
  - Inception 6/30/2018: MSCI All Country World Index (Net)
- 7) Real Estate Policy Benchmark
  - NCREIF Open End Diversified Core Index
- 8) Real Estate Returns: Manager returns are shown as internal rates of return (IRR). Returns are only displayed when one of the following three criteria is satisfied 1) three years have passed since manager inception, 2) the manager's investment period has ended, 3) a significant pricing event (sale, downgrade,

etc.) has occurred. Total asset class returns will be displayed when a manager within the asset class is displayed.

- 9) Commodities Policy Benchmark
  - S&P GSCI Tótal Return Index
- 10) TIPS Policy Benchmark
  - Bloomberg 1 to 10 Year TIPS Index
- 11) Fixed Income Policy Benchmark
  - 90% Bloomberg US Aggregate Index, and 10% Bank of America Merrill Lynch High Yield Cash Pay
  - Inception 6/30/2018: Bloomberg US Aggregate Index
- 12) Fiscal Year-End for the Miami University is June 30th.
- Total Miami University Client Group performance accounts for the combined performance of the Miami University Long-Term Capital, Miami University Baseline Tier II, and Miami University Special Initiatives Fund portfolios. Prior to May 31, 2018, the Miami University Client Group includes the Miami University Operating Cash account.
- 14) Performance shown reflects the returns of an investment in the account's primary money market fund or other cash vehicle rather than actual calculated performance of the account. The value shown, in addition to settled cash, may include cash pending settlement, accruals for fees, and liquidating investments.
- 15) Returns for individual sub-managers are reported net of sub-manager fees. Returns at the total Trust level are reported net of sub-managers' fees, but gross of Strategic's advisory fee. Actual returns will be reduced by advisory fees and other expenses. For example, if \$100,000 were invested and experienced a 10% annual return compounded quarterly for ten years, its ending dollar value, without giving effect to the deduction of advisory fees, would be \$268,506 with an annualized compound return of 10.38%. If an advisory fee of 0.50% of average assets per year were deducted quarterly for the ten-year period, the annualized compounded return would be 9.84% and the ending dollar value would be \$255,715. Information about advisory fees is found in Part II of Strategic's Form ADV.
- 16) Strategic U.S. Equity Trust Footnotes

   Strategic U.S. Equity Trust Benchmark

  - Russell 3000 Index
  - October 1, 1999 June 30, 2007: Wilshire 5000 Index
  - Inception September 30, 1999; S&P 500 Index
- 17) Strategic Developed Markets Ex-U.S. Equity Trust Footnotes

  - Strategic Developed Markets Ex-U.S. Equity Trust Benchmark
     MSCI World ex-U.S. IMI Index (net)
     October 1, 2012 December 31, 2018: A blend of 50% MSCI World IMI ex-U.S. Index (net) and 50% MSCI EM Index (net).
  - September 1, 2010 September 30, 2012; A blend of 72% MSCI World IMI ex-U.S. Index (net) and 28% MSCI EM Index (net).
  - December 1, 2001 August 31, 2010: MSCI All Country World Index ex-U.S. (ACWI ex-U.S.) net

  - of dividend withholdings.

    October 1, 1996 November 30, 2001: EAFE Lite (net).

    Inception September 30, 1996: EAFE Index (net).

    Portfolio was invested in the Arrowstreet ACWI exUS IMI Alpha Ext. NHIT strategy from inception to 2/28/2023, and Arrowstreet ACWI exUS IMI Alpha Extension 130-30-20 NHIT strategy from 2/1/2023 onwards. Performance reflects the Arrowstreet ACWI exUS IMI Alpha Ext. NHIT strategy from inception to 1/31/2023, and Arrowstreet ACWI exUS IMI Alpha Extension 130-30-20 NHIT strategy from 2/1/2023 onwards.
  - The Strategic Developed Markets Ex-U.S. Equity Trust was renamed on January 1, 2019 from the 'Strategic International Equity Trust'. From December 1, 2001, the benchmark for the Strategic International Equity Trust included developed and emerging market exposure, and the return history includes performance of both the developed market and emerging market managers and securities used to execute this broader mandate.

#### PERFORMANCE DETAIL FOOTNOTES

#### Miami University Long-Term Capital Tier III

March 31, 2024

18) Strategic Emerging Markets Equity Trust Footnotes

 The Strategic Emerging Markets Trust was created on January 1, 2019 using the emerging markets equity managers within the Strategic International Equity Trust. Performance history for the Strategic equity managers within the Strategic International Equity Trust. Performance nistory for the Strategic Emerging Markets Equity Trust for periods prior to January 1, 2019 has been calculated using the weighted average performance of the emerging markets equity managers held within the Strategic International Equity Trust until January 1, 2019.

Strategic Emerging Markets Equity Trust Benchmark
-MSCI Emerging Markets Index (net)
-November 1, 1994 - December 31, 1998: A custom benchmark that is the weighted average of the underlying manager benchmarks. Weights are based on the market values of the underlying

emerging markets equity managers and are rebalanced monthly.

19) Strategic Global Equity Trust Benchmark

 A custom benchmark that is the weighted average of the underlying manager benchmarks. Weights are based on the market values of the underlying global equity managers in the portfolio and are rebalanced monthly.

20) Strategic Funds SPC Alpha Segregated Footnotes

Macro Benchmark

-HFRX Macro Index

-Inception – March 31, 2003: 90 Day T-Bill +4%
■ Equal Weighted Strategies Benchmark

-HFRX Equal Weighted Strategies Index

-Inception - March 31, 2003: 90 Day T-bill +4%

Equity Hedge Benchmark

Equity Heage Benchmark
 HFRX Equity Hedge Index
 Inception – March 31, 2003: 90 Day T-bill +4%
 Equity Market Neutral Benchmark
 HFRX Equity Market Neutral Index
 Inception – March 31, 2003: 90 Day T-bill +4%

Event Driven Benchmark

- HFRX Event Driven Index

- Inception - March 31, 2003: 90 Day T-bill +4%

 Formerly, several managers were underlying investments in the Strategic Directional Hedge Fund Master Trust. Effective as of March 31, 2010, the Strategic Directional Hedge Fund Master Trust merged into the Strategic Hedge Fund Master Trust and the underlying assets of both Master Trusts were combined in the surviving Strategic Hedge Fund Master Trust. All performance from inception through March 31, 2010 occurred as part of the Strategic Directional Hedge Fund Master Trust.

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### Miami University Baseline Tier II



March 31, 2024

ASSET CLASS							Rate	s of Re	turn (%)					
Style	Market		Asset				Calendar	•				Since		<del>_</del>
Investment	Value	Portfolio		. 1	3		Year To	. 1	. 3	. 5	10	Policy	Since	Inception
Benchmark	(\$ mill)	(%)	(%)	Month	Month	Date <sup>(4)</sup>	Date	Year	Year	Year	Year	Inception	Inception	Date
U.S. Fixed Income Treasuries														
Strategic Treasury Holdings	197.464	99.9%	100.0%	0.2	0.6	3.7	0.6	4.3	1.8	1.8	-	1.8	1.8	07-Sep-18
BofA Merrill Lynch 0-2 Year Treasury Index				0.4	0.8	3.9	0.8	4.2	1.4	1.6	-	1.7	1.8	
Total U.S. Fixed Income	197.464	99.9%	100.0%	-	0.6	3.7	0.6	4.3	1.8	1.8	1.5	1.8	2.5	30-Jun-02
U.S. Fixed Income Policy Benchmark				0.4	0.8	3.9	0.8	4.2	1.4	1.6	1.2	1.7	2.0	
Total - Fixed Income	197.464	99.9%	100.0%	0.2	0.6	3.7	0.6	4.3	1.8	1.8	1.5	1.8	2.5	30-Jun-02
Fixed Income Policy Benchmark <sup>3</sup>				0.4	0.8	3.9	0.8	4.2	1.4	1.6	1.2	1.7	2.0	
Total - Cash, Accruals, and Pending Trades⁵	0.253	0.1%	100.0%	0.5	1.4	4.2	1.4	5.5	2.6	1.9	-	2.0	1.9	02-Aug-18
Miami University - Baseline Tier II (Net of Sub-Mgr Fees)¹	197.717	100.0%		0.2	0.6	3.7	0.6	4.3	1.8	1.8	1.5	1.8	2.5	30-Jun-02
Miami University - Baseline Tier II (Net of Sub-Mgr and Strategic Fees) <sup>1</sup>	197.717	100.0%		0.2	0.6	3.7	0.6	4.3	1.8	1.7	-	1.7	-	31-Dec-18
Total Portfolio Policy Benchmark <sup>1,2</sup>				0.4	0.8	3.9	0.8	4.2	1.4	1.6	1.2	1.7	2.0	
Total Portfolio Policy Benchmark (Net of Fees) <sup>1,2</sup>				0.4	0.8	3.8	0.8	4.2	1.3	1.6	-	1.6	-	

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#### PERFORMANCE DETAIL FOOTNOTES

#### Miami University Baseline Tier II

March 31, 2024



#### Note:

- Rates of return are annualized except for periods of less than one year. Rates of return for terminated managers are included in each asset category.
- Returns for individual sub-managers are reported net of sub-manager fees. Returns for commingled vehicles are reported net of all fees as reflected in the NAV.
- Total time-weighted rates of return are calculated daily using actual and estimated intramonth asset valuations.
- Strategic reports performance of commingled vehicles as of the date when the net asset value is determined in order to reflect intended market exposures. All other performance is reported on a "trade date" basis. Market values and returns are (1) subject to revisions due to updated valuations of the underlying investments and (2) based on the latest information available at the time of this report.
- We urge you to compare the information in these reports with the account statements and reports that you receive directly from your custodian and administrators. Please be advised that Strategic statements will likely vary from custodial and administrators statements for reasons that often include: differences in accounting procedures, reporting dates, performance calculation methodologies, and valuation methodologies.
- 1) Total Portfolio and Benchmark Returns
  - Total Portfolio (Net of Sub-Manager Fees) Multi-period returns are net of all sub-manager fees.
  - Portfolio Benchmark: Multi-period returns are calculated assuming benchmark is rebalanced monthly to policy weights.
  - Total Portfolio (Net of Sub-Manager and Strategic Fees) Multi-period returns are net of both Strategic and sub-manager fees.
  - Portfolio Benchmark (Net of Fees): A management fee is deducted for each asset class that is not already net of a management fee as defined by the investment guidelines. Transaction costs are deducted related to monthly rebalancing, changes to policy allocations and cash flows into or out of the portfolio. The multi-period returns represent Strategic's estimate of realistic performance of an investable, passively-managed benchmark. Additional information regarding management fees and transaction costs is available upon request.
- 2) Total Portfolio Benchmark

  - The long term Total Portfolio Benchmark is the ICE BAML 0-2 Year Treasury Index
     Inception 6/30/2018: Bloomberg 1-3 Year U.S. Government Index.
     During the 'Transition Period', which began on 07/01/2018 and ended on 12/31/2018, the benchmark was set to be the actual performance of the account, and each asset class benchmark was set to be the performance of the asset class.
- 3) Fixed Income Policy Benchmark

   ICE BAML 0-2 Year Treasury Index
  - Inception 6/30/2018: Bloomberg 1-3 Year U.S. Government Index.
- 4) Fiscal Year-End for the Miami University is June 30th.
- 5) Performance shown reflects the returns of an investment in the account's primary money market fund or other cash vehicle rather than actual calculated performance of the account. The value shown, in addition to settled cash, may include cash pending settlement, accruals for fees, and liquidating investments.

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### Miami University Special Initiatives Fund



March 31, 2024

ASSET CLASS		Rates of Return (%)												
Style	Market		Asset				Calendar					Since		<del>_</del>
Investment	Value	Portfolio		1	3	Year To		1	3	5	10	Policy	Since	Inception
Benchmark	(\$ mill)	(%)	(%)	Month	Month	Date <sup>(3)</sup>	Date	Year	Year	Year	Year	Inception	Inception	Date
U.S. Fixed Income														
Treasuries														
Strategic Treasury Holdings	22.538	100.0%	100.0%	0.4	0.8	3.8	0.8	3.8	0.5	1.8	-	2.4	2.4	19-Sep-18
Total U.S. Fixed Income	22.538	100.0%	100.0%	0.4	0.8	3.8	0.8	3.8	0.5	1.8	-	2.4	2.4	19-Sep-18
U.S. Fixed Income Policy Benchmark				0.4	0.8	3.8	0.8	3.8	0.5	1.8	-	2.3	2.3	
Total - Fixed Income	22.538	100.0%	100.0%	0.4	0.8	3.8	0.8	3.8	0.5	1.8	-	2.4	2.4	19-Sep-18
Fixed Income Policy Benchmark				0.4	0.8	3.8	0.8	3.8	0.5	1.8	-	2.3	2.3	
Miami University Special Initiatives Fund	22,538	100.0%		0.4	0.8	3.8	0.8	3.8	0.5	1.8		2.4	2.4	19-Sep-18
(Net of Sub-Mgr Fees)	22.550	100.070		V. <del>-</del>	0.0	0.0	0.0	0.0	0.0	1.0		2.7	2.7	13-оср-10
Miami University Special Initiatives Fund	22.538	100.0%		0.4	0.8	3.8	0.8	3.8	0.4	1.8	_	2.3	2.3	19-Sep-18
(Net of Sub-Mgr and Strategic Fees)	22.000	100.070												Job 10
Total Portfolio Policy Benchmark <sup>2</sup>				0.4	0.8	3.8	0.8	3.8	0.4	1.7	-	2.3	2.3	

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#### PERFORMANCE DETAIL FOOTNOTES

#### **Miami University Special Initiatives Fund**

March 31, 2024



#### Note:

- Rates of return are annualized except for periods of less than one year.

  Rates of return for terminated managers are included in each asset category.
- Returns for individual sub-managers are reported net of sub-manager fees. Returns for commingled vehicles are reported net of all fees as reflected in the NAV.
- Total time-weighted rates of return are calculated daily using actual and estimated intramonth asset valuations.
- Strategic reports performance of commingled vehicles as of the date when the net asset value is determined in order to reflect intended market exposures. All other performance is reported on a "trade date" basis. Market values and returns are (1) subject to revisions due to updated valuations of the underlying investments and (2) based on the latest information available at the time of this report.
- We urge you to compare the information in these reports with the account statements and reports that you receive directly from your custodian and administrators. Please be advised that Strategic statements will likely vary from custodial and administrator statements for reasons that often include: differences in accounting procedures, reporting dates, performance calculation methodologies, and valuation methodologies.
- 1) Total Portfolio Returns

  - Total Portfolio (Net of Sub-Manager Fees) Multi-period returns are net of all sub-manager fees.
     Total Portfolio (Net of Sub-Manager and Strategic Fees) Multi-period returns are net of both Strategic and sub-manager fees.
- 2) Total Portfolio Benchmark
  - This portion of the Core Cash (Tier II) Sub-Account is earmarked for special projects. The benchmark index used for this portion of the Core Cash (Tier II) Sub-Account is the actual performance of the account.
- 3) Fiscal Year-End for the Miami University is June 30th.

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#### Miami University Long-Term Capital Tier III



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#### **RISK BASED ASSET ALLOCATION (%)**

#### **RISK ANALYSIS (%)**

Asset Category	Range		e	Long-term Policy Portfolio	Policy Benchmark Weights	Current Portfolio	Active Strategy	Policy Benchmark Risk	Portfolio Risk	Tracking Error
Equity	44.0	-	64.0	54.0	54.0	53.0	(1.0)	8.6	8.6	0.30
U.S. Equity	17.0	-	37.0	27.0	27.0	23.7	(3.3)	4.2	3.6	0.03
Developed Non-U.S. Equity	8.0	-	28.0	18.0	18.0	18.6	0.6	2.8	3.0	0.11
Emerging Market Equity	0.0	-	19.0	9.0	9.0	10.7	1.7	1.6	2.0	0.16
Alternatives	0.0	-	22.0	12.0	12.0	12.8	0.8	0.6	0.8	0.56
Hedge Funds (Net)	0.0	-	22.0	12.0	12.0	12.8	0.8	0.6	0.8	0.56
Hedge Funds (Gross)	0.0	-	27.0	22.0	22.0	22.0	0.0	0.6	0.8	0.56
Asset Allocation Overlay	(20.0)	-	0.0	(10.0)	(10.0)	(9.2)	0.8	0.0	0.0	0.00
Real Assets	3.0	-	23.0	10.0	10.0	10.1	0.1	0.3	0.4	0.03
Real Estate	0.0	-	6.5	3.0	1.5	1.6	0.1	0.1	0.1	0.01
Commodities	0.0	-	9.0	3.0	3.0	3.0	0.0	0.2	0.3	0.02
TIPS	1.5	-	11.5	4.0	5.5	5.5	0.0	0.0	0.0	0.00
Fixed Income	14.0	-	34.0	24.0	24.0	22.1	(1.9)	0.4	0.3	0.34
U.S. Investment Grade	6.5	-	31.5	21.5	21.5	16.9	(4.6)	0.2	0.0	0.23
U.S. High Yield	0.0	-	12.5	2.5	2.5	5.1	2.6	0.2	0.3	0.10
Municipal Bonds	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.00
Non-U.S. Fixed Income	0.0	-	10.0	0.0	0.0	0.1	0.1	0.0	0.0	0.01
Cash (Net Exposure)	0.0	-	20.0	0.0	0.0	2.0	2.0	0.0	0.0	0.00
Foreign Currency Exposure				27.0	27.0	30.3	3.3	0.5	0.6	0.09
TOTAL				100.0	100.0	100.0	0.0	10.4	10.7	1.3

Policy Benchmark Weights are adjusted to float the private equity and/or real estate weight based on the actual weight in the portfolio (see footnote #2 of the Performance Report). Active Strategy is defined as the difference between Current Portfolio allocations and Policy Benchmark Weights.

Risk Analysis estimates future annualized standard deviation of returns.

- Policy Benchmark Risk analyzes current policy benchmark asset mix, assuming passive security selection.
- Portfolio Risk considers current asset mix and active security selection strategies.
- Tracking Error refers to the standard deviation of the difference between portfolio and benchmark returns.

Foreign Currency Exposure summarizes the percentage of the total portfolio that is not denominated in LLS, dollars and the corresponding contribution to risk

#### Miami University Baseline Tier II



March 31, 2024

#### **RISK BASED ASSET ALLOCATION (%)**

#### **RISK ANALYSIS (%)**

Asset Category	Range		ge	Policy Benchmark Weights	Current Portfolio	Active Strategy	
Fixed Income	90.0	-	100.0	100.0	99.9	(0.1)	
U.S. Investment Grade	-	-	-	100.0	99.9	(0.1)	
A and Above	-	-	-	100.0	99.9	(0.1)	
Cash (Net Exposure)	0.0	-	10.0	0.0	0.1	0.1	
TOTAL				100.0	100.0	0.0	

Policy Benchmark Risk	Portfolio Risk	Tracking Error		
1.1	1.0	0.14		
1.1	1.0	0.14		
1.1	1.0	0.14		
0.0	0.0	0.00		
1.1	1.0	0.1		

Policy Benchmark Weights are adjusted to float the private equity and/or real estate weight based on the actual weight in the portfolio (see footnote #2 of the Performance Report). Active Strategy is defined as the difference between Current Portfolio allocations and Policy Benchmark Weights.

Risk Analysis estimates future annualized standard deviation of returns.

- Policy Benchmark Risk analyzes current policy benchmark asset mix, assuming passive security selection.
- Portfolio Risk considers current asset mix and active security selection strategies.
- Tracking Error refers to the standard deviation of the difference between portfolio and benchmark returns.

Foreign Currency Exposure summarizes the percentage of the total portfolio that is not denominated in LLS, dollars and the corresponding contribution to risk



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