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Archway Investment Fund

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4-2022

### Fixed Income Fund Report, April 2022

Bryant University, Archway Investment Fund

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# The Archway Investment Fund - Fixed Income Portfolio

## Bryant University

**Monthly Report**  
**Data as of 4/30/2022**

### Fund Objective

The primary objective of the Archway Investment Fixed Income Fund (the Fund) is to provide students in Bryant University's Fixed Income Portfolio Management course with a hands-on learning experience. The Fund launched on October 27, 2017 with \$500,000.

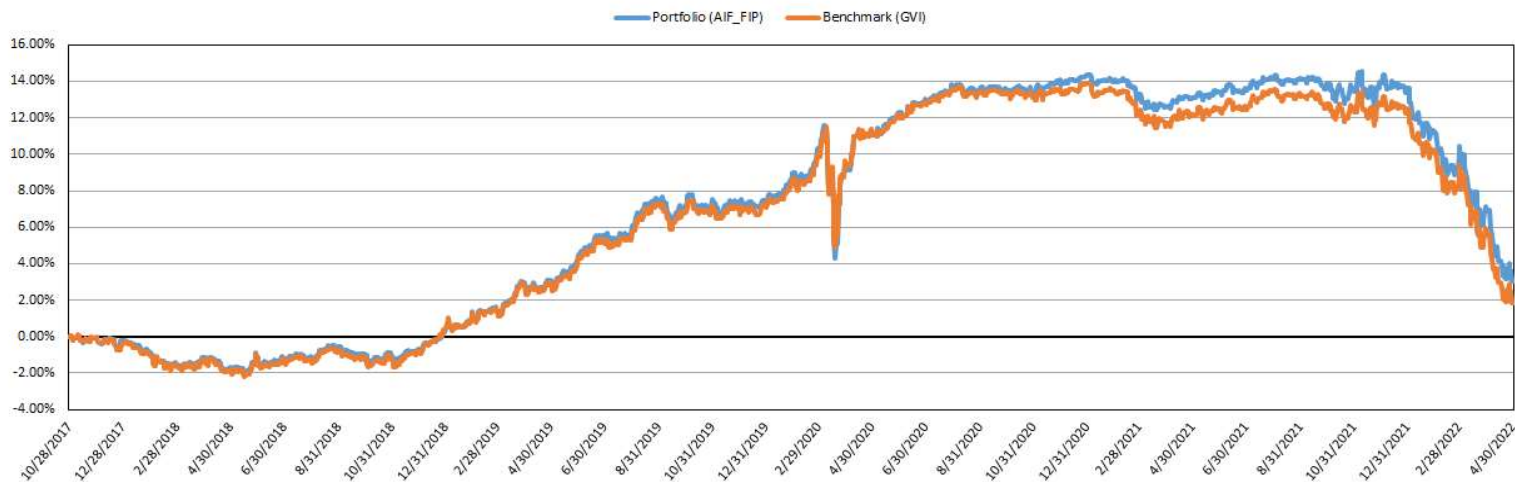
### Investment Strategy

The Fund seeks returns from income and price appreciation, in excess of its Benchmark, while maintaining a volatility less than 120% of that of its Benchmark. The Benchmark was changed from the Fixed Income ETF GVI to the Fixed Income ETF AGG, which broadly tracks the Bloomberg Barclays Aggregate Index, on September 30, 2021. That index includes fixed rate debt securities priced in USD and traded in the US market, that are issued by the U.S. Treasury, U.S. government agencies, U.S. corporations, and taxable debt issued by sovereign, supranational and local government entities rated investment grade. It also includes highly rated MBS, CMBS and ABS securitized credit tranches. The benchmark was chosen for its diversification, and its use as a benchmark for both active and passive core fixed income portfolios. The tracking error of the portfolio versus its benchmark, defined as the annualized standard deviation of excess returns, is kept below 2%. Historical benchmark return and risk metrics use a chained return series reflecting the benchmark in use at the time.

### Performance Commentary

The Archway Fixed Income Portfolio returned -3.85% during April, while the benchmark returned -3.80%. The US equity market was down again this month with the S&P down 4.8%, and NASDAQ down 8.8%. This is due to a lot of factors, most notably the Russia-Ukraine conflict, the Federal Reserve conviction to fight high inflation with higher policy rates, and ongoing supply chain shortages. The Federal Reserve is trying to fight high inflation without dipping into recession, but the markets are worried that the tightening needed to slow inflation will hurt growth and profitability. The 5 year through 30 year points on the yield curve all increased over 50 basis points during April, while the 2 year rate increased by 38 bps. In contrast to previous months the back end of the curve steepened slightly in April. At the end of April, the Fed Funds futures contracts indicated that 50 basis point hikes were priced in for each of the next three meetings in May, June, and July, with an implied rate of 2.5% by the end of 2022. Our underweight duration position added 12 bps of alpha versus our benchmark and will most likely continue to help our relative performance going forward in this volatile market. The distribution of our key rate duration exposures across the curve cost 1 bp of alpha for the month. Our sector allocation overweight and underweight positions cost the portfolio 5 bps in alpha during the month, primarily due to a widening in the spreads on high yield loans which we own via our bank loan ETF. Income and security selection contributed -0.11 bps in alpha to the portfolio during the month. For the year thus far, the portfolio has returned -9.35%, while the benchmark returned -9.43%. Since its inception in October 2017, the portfolio has an annualized return of 0.66% and outperformed the benchmark by 0.25%. Entering May, the portfolio remains underweight in overall duration (-0.07 years), with an overweight at the 20 year point, and underweight at other key rate duration points. We are overweight investment grade corporate exposure, government agency bonds, and high yield bank loans. We are underweight in Treasuries and neutral in Mortgage-Backed Securities.

### Cumulative Return Since Inception



Investment Performance				Portfolio and Benchmark Characteristics		
Historical Returns through 4/30/2022	Portfolio	Benchmark	Excess		Portfolio	Benchmark
Since Inception Return (Cumulative since October 27, 2017)	3.01%	1.86%	1.15%	Option Adjusted Duration	6.41	6.48
Since Inception Return (Annualized)	0.66%	0.41%	0.25%	Current Yield	2.26%	2.12%
Month to Date Return	-3.85%	-3.80%	-0.05%	Yield to Worst	3.51%	3.21%
Academic Term to Date Return	-9.35%	-9.43%	0.07%	Number of Individual Bonds Held	10	10280
Year to Date Return	-9.35%	-9.43%	0.07%	Number of ETFs Held	11	0
1 Year Trailing Return	-8.94%	-9.19%	0.26%	Weight in Bonds	21.05%	99.40%
3 Year Trailing Return (Annualized)	-0.04%	-0.35%	0.32%	Weight in ETFs	74.03%	0.00%
5 Year Trailing Return (Annualized)	NA	NA	NA	Weight in Cash	4.92%	0.60%
				Portfolio Market Value	\$ 733,417.64	

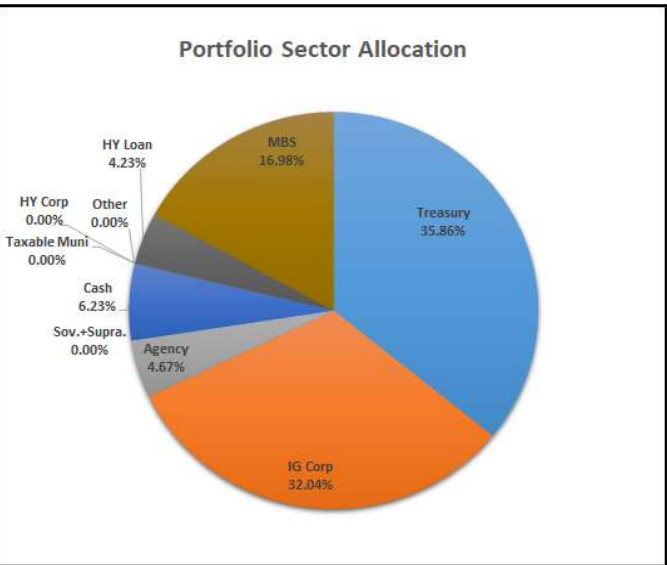


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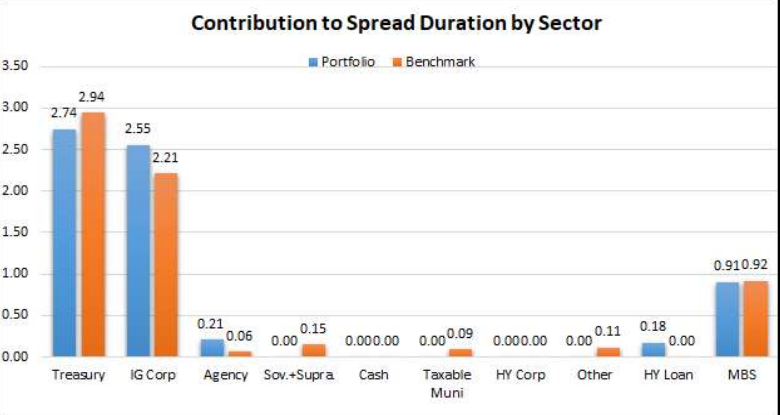
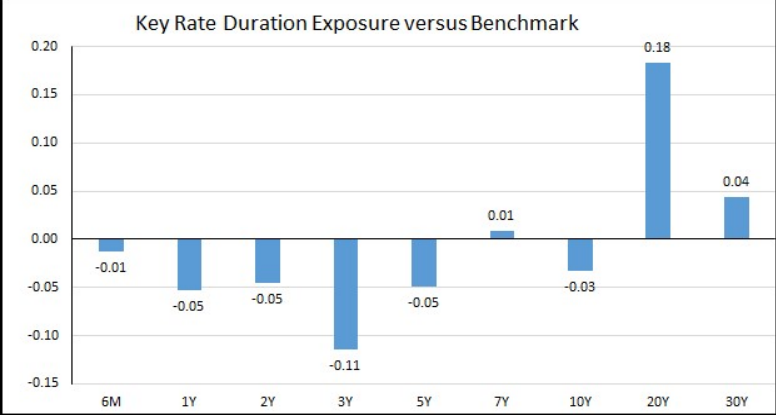
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Performance data is calculated from the official portfolio valuation data provided by National Financial Services LLC, the custodian for the Fund's Fidelity Brokerage Account. Additional security price and analytic data has been obtained from Bloomberg LP. Returns for the portfolio and benchmark include reinvestment of income distributions, and realized and unrealized gains. Returns have not been audited.

Performance Analytics				
Historical Risk Statistics	Annualized Portfolio Volatility	Annualized Benchmark Volatility	Annualized Tracking Error	Correlation to Index
Since Inception	3.36%	3.73%	1.48%	0.92
Month to Date	6.90%	7.08%	0.84%	0.99
Academic Term to Date	6.61%	6.77%	0.87%	0.99
Year to Date	6.61%	6.77%	0.87%	0.99
1 Year Trailing	4.51%	4.61%	0.86%	0.98
3 Year Trailing	3.90%	4.30%	1.70%	0.92
5 Year Trailing	NA	NA	NA	NA
Monthly Performance Attribution Results		Portfolio	Benchmark	Excess
Total		-3.85%	-3.80%	-0.05%
Contribution from Duration		-3.14%	-3.26%	0.12%
Contribution from Curve Exposure		-0.37%	-0.36%	-0.01%
Contribution from Sector Spread Duration		-0.67%	-0.63%	-0.05%
Contribution from Income and Security Specific Returns		0.33%	0.44%	-0.11%



Portfolio Holdings								
Exchange Traded Funds	Ticker	Shares	Share Price	Market Value	Weight	Current Yield	Yield to Worst	Duration
iShares Long Term (10+ year) Corporate ETF	IGLB	1453.593	\$ 55.28	\$ 80,354.62	10.97%	4.17%	4.87%	13.66
SPDR Bloomberg Barclays Intermediate Corporate ETF	SPIB	2354.858	\$ 33.11	\$ 77,969.35	10.64%	2.17%	4.26%	4.33
iShares MBS ETF	MBB	661.509	\$ 98.10	\$ 64,894.03	8.86%	1.82%	3.63%	5.13
SPDR Bloomberg Barclays Mortgage Backed Bond ETF	SPMB	2793.822	\$ 23.06	\$ 64,425.54	8.79%	2.90%	3.63%	5.14
iShares 3-7 Year Treasury ETF	IEI	523.212	\$ 119.55	\$ 62,549.99	8.54%	0.95%	2.97%	4.61
iShares 20+ Year Treasury ETF	TLT	349.107	\$ 119.45	\$ 41,700.83	5.69%	2.04%	3.08%	18.56
PowerShares Senior Loan Index ETF	BKLN	1704.089	\$ 21.56	\$ 36,740.16	5.01%	3.31%	6.98%	0.12
iShares ESG Aware USD Corporate Bond ETF	SUSC	1490.560	\$ 23.67	\$ 35,281.56	4.81%	2.55%	4.62%	7.76
iShares 7-10 Year Treasury ETF	IEF	332.516	\$ 102.81	\$ 34,185.97	4.66%	1.46%	2.92%	7.96
iShares Intermediate (5 to 10 year) Corporate ETF	IGIB	531.435	\$ 52.14	\$ 27,709.02	3.78%	2.80%	4.50%	6.32
SPDR Bloomberg Barclays Short Term Corporate Bond ETF	SPSB	559.339	\$ 29.88	\$ 16,713.05	2.28%	1.36%	3.53%	1.88
Bonds	CUSIP	Face Value	Bond Price	Market Value	Weight	Current Yield	Yield to Worst	Duration
US Treasury 2.25% 11/15/2027	9128283F5	25000	96.20	\$ 24,310.28	3.32%	2.34%	2.98%	5.13
US Treasury 2.75% 02/28/2025	9128283Z1	24000	99.59	\$ 24,011.82	3.28%	2.76%	2.87%	2.71
US Treasury 2.75% 11/15/2042	912810QY7	25000	92.44	\$ 23,426.54	3.20%	2.97%	3.23%	15.55
US Treasury TIPS 0.5% 04/15/2024	9128286N5	15000	117.25	\$ 17,591.74	2.40%	0.48%	-1.68%	1.94
US Treasury 1.25% 12/31/2026	91282CDQ1	15000	92.50	\$ 13,937.67	1.90%	1.35%	2.97%	4.48
US Treasury 2.375% 01/31/2023	9128283U2	11000	100.38	\$ 11,106.63	1.52%	2.37%	1.81%	0.75
FFCB 3.43% 12/06/2028	3133EJ2D0	10000	100.66	\$ 10,203.95	1.39%	3.40%	3.25%	5.81
US Treasury 2.25% 12/31/2023	912828V23	10000	99.37	\$ 10,012.32	1.37%	2.26%	2.59%	1.63
FFCB 2.37% 2/5/2024	3133EH5S8	10000	99.26	\$ 9,982.32	1.36%	2.39%	2.73%	1.72
Federal Home LN MTG CORP Note 1.5% 2/12/2025	3137EAEP0	10000	96.24	\$ 9,656.62	1.32%	1.56%	2.87%	2.71
Fidelity Government Money Market				\$ 36,057.35	4.92%	0.00%	0.00%	



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