# Bryant University Bryant Digital Repository

Archway Investment Fund

Archway Investment Fund

3-31-2018

# Fixed Income Fund Report, March 2018

Bryant University, Archway Investment Fund

Follow this and additional works at: https://digitalcommons.bryant.edu/archway\_investment

Part of the Portfolio and Security Analysis Commons

### **Recommended Citation**

Bryant University, Archway Investment Fund, "Fixed Income Fund Report, March 2018" (2018). *Archway Investment Fund*. Paper 34. https://digitalcommons.bryant.edu/archway\_investment/34

This Report is brought to you for free and open access by the Archway Investment Fund at Bryant Digital Repository. It has been accepted for inclusion in Archway Investment Fund by an authorized administrator of Bryant Digital Repository. For more information, please contact dcommons@bryant.edu.

## **Bryant University**

#### Monthly Report

# Data as of March 31, 2018

#### Fund Objectives

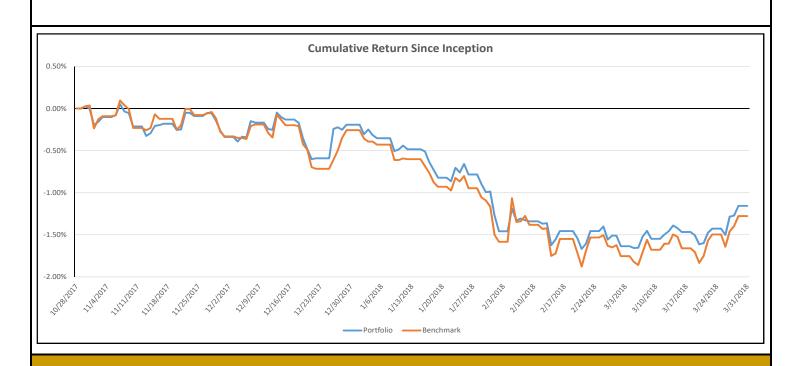
The primary objective of the Archway Investment Fixed Income Fund (the Fund) is to provide students in Bryant University's Fixed Income Portfolio Management course with a hands-on learning experience. The Fund launched on October 27, 2017 with \$500,000.

#### Investment Strategy

The Fund seeks returns, including both income and price appreciation, in excess of its Benchmark, while maintaining a volatility less than 120% of that of its Benchmark. The Benchmark is the Fixed Income ETF GVI, which tracks the Bloomberg Barclays Intermediate Government Credit Index. That index consists of fixed rate debt securities issued by the United States Treasury, U.S. Government Agencies, plus corporate bonds and other taxable bonds that are rated investment grade, denominated in USD, and traded in the US capital market. The index includes debt securities with maturities between 1 and 10 years. The Benchmark was chosen due to its relatively modest volatility, its wide diversification, and its common usage as a benchmark for both active and passive intermediate term fixed income portfolios. It is expected that the tracking error of the portfolio versus this benchmark, defined as the annualized standard deviation of excess returns, will be kept below 2%.

#### Performance Commentary

The Archway Fixed Income Portfolio returned 0.36% during March, while the benchmark returned 0.38%. The bond market traded sideways through the 21st of March. The Federal Reserve announced a 25 bps hike in the Federal Funds rate, and the updated "dot plots" indicated that the majority of the FOMC favored at least two additional tightenings in 2018. An equity market correction led to flows into US Treasuries and a rally in the bond market during the last week of the month. The yield curve resumed its flattening trend in March, and credit spreads widened modestly. The portfolio was approximately 0.25 years short in duration compared to the index. This cost the portfolio 2 bps in March, while the yield curve exposure cost an additional 2 bps. We eliminated our overweight exposure in High Yield, and shortened the spread duration within the Investment Grade Corporate allocation in early March. This insulated us against the increase in credit spreads. Security selection contributed positive alpha to our portfolio during the month. We continued to reduce our weightings in US Treasury ETFs, and added four individual Treasuries and one Agency bond during the month. This was consistent with our goal to reduce fees and boost the portfolio yield above the index. For the Spring semester thus far, the portfolio has returned -0.97%, while the benchmark returned -1.02%. Since the inception of the fund on October 27, 2017, the fund has returned -1.16% and outperformed the benchmark by 0.12%.





Bryant University

1150 Douglas Pike

Smithfield, RI 02917-1284

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 both the portfolio and benchmark include reinvestment of income distributions, and both realized and unrealized gains. Returns have not been audited.

<u>http://aif.bryant.edu</u>

Portfolio Holdings								
Exchange Traded Funds		Ticker	Shares	Share Price	Market Value	Weight		
iShares Intermediate Credit ETF		CIU	1166.324	\$ 107.01	\$ 124,802.50	25.27%		
iShares 3-7 Year Treasury ETF		IEI	1022.350	\$ 120.55	\$ 123,240.82	24.96%		
iShares 1-3 Year Treasury ETF		SHY	654.843	\$ 83.50	\$ 54,678.74	11.07%		
SPDR Bloomberg Barclays Short Term Corporate Bond ETF		SPSB	1221.949	\$ 30.15	\$ 36,835.65	7.46%		
iShares Floating Rate Bond Index ETF		FLOT	473.803	\$ 50.88	\$ 24,106.62	4.88%		
SPDR Bloomberg Barclays Intermediate Corporate ETF		SPIB	400.891	\$ 33.47	\$ 13,417.82	2.72%		
Bonds		CUSIP	Face Value	Bond Price	Market Value	Weight		
FNMA 1.875% 09/24/2026		3135G0Q22	35000	92.33	\$ 32,316.09	6.54%		
US Treasury 1.875% 12/31/2019		9128283N8	25000	101.05	\$ 24,969.72	5.06%		
US Treasury 1.375% 01/31/2021		912828N89	15000	97.58	\$ 14,636.32	2.96%		
US Treasury 2.375% 01/31/2023		9128283U2	13000	99.59	\$ 12,960.62	2.62%		
FHLB 2.375% 06/10/2022		3130A5P45	10000	99.92	\$ 9,992.40	2.02%		
US Treasury 1.75% 05/31/2022		912828XR6	10000	97.69	\$ 8,065.98	1.98%		
US Treasury 2.75% 02/28/2025		9128283Z1	8000	99.54	\$ 4,048.95	1.63%		
Fidelity Government Money Market				\$ 4,048.95	0.82%			
Performance Da			Portfolio and E		Characteris	tics		
Returns		Portfolio	Benchmark	Excess		Portfolio		Benchmark
Since Inception Return (Cumulative since October 27, 2017)		-1.16%	-1.28%	0.12%	Option Adjusted Duration	3.71		3.93
Month to Date Return		0.36%	0.38%	-0.02%	Yield		2.17%	2.07%
Semester to Date Return		-0.97%	-1.02%	0.06%	Number of Individual Bonds			2816
Year to Date Return		-0.97%	-1.02%	0.06%	Number of ETFs Held	6		2010
1 Year Trailing Return	NA	NA	NA	Portfolio Market Value	\$ 494,215			
3 Year Trailing Return (Annualized)	NA	NA	NA					
				Portfolio Sector Allocation				
Portfolio Historical Risk Statistics Volatility		Benchmark Volatility	Tracking Error	Correlation to Index	Sov.+Supra. Cash, Tasable Muni 2.72% 0.67% 0.37% HY Corp			
Since Inception	1.67%	2.04%	0.99%	0.88			0.00%	*
Month to Date		1.75%	0.33%	0.88	Againey			
Semester to Date	1.36% 1.68%	2.18%	0.75%	0.92	10.47%			
Year to Date	1.68%	2.18%	0.98%	0.90				
1 Year Trailing	NA	NA	NA	NA			Treasury	e l
3 Year Trailing	NA	NA	NA	NA			50.56%	
Monthly Performance Attribution Results	Portfolio	Benchmark		18 Corp 34.666				
Total	0.35%	0.38%	-0.03%					
Contribution from Duration		0.11%	0.12%	-0.02%				
Contribution from Curve Exposure	0.07%	0.16%	-0.09%					
Contribution from Sector Spread Duration	-0.15%	-0.16%	0.00%					
Contribution from Security Specific Return 0.32% 0.25% 0.07%								
Key Rate Duration Exposure versus Index         Sector Exposure versus Index								
0.06		_	.00%					
0.04				4.00%				
0.02				2.00%				
0.00								
-0.02				4.00%				
-0.04				-6.00%				
-0.08				-6.00%				
-0.10								
-0.12								
01/1 11 21 31 31 /1 101 201 301								
Bryant University Performance data is calculated from the official portfolio valuation data provided by National Financial Services LLC, the custodian for the Fund's								
1150 Douglas Pike				Fidelity Brokerage Account. Additional security price and analytic data has been obtained from Bloomberg LP. Returns for both the portfolio and				
Smithfield, RI 02917-1284 and unrealized gains. Returns have not been audited.								

http://aif.bryant.edu