Clemson University Foundation

Annual Endowment Report For Fiscal Year Ending 6/30/2020



CORE BELIEFS

CUF invests the managed endowment so as to maximize long-term returns, while simultaneously mitigating risks. A long-term multi-generational window, not only allows us the benefit of time-diversification across both bull and bear markets, but also allows CUF to pursue investment strategies that may not be prudent for the ordinary investor with a shorter investment horizon.

We believe that the only certain component of an investment return is the expenses or cost of holding the investment. CUF seeks out asset classes that have investable indexes to represent them, and the managed pool is largely comprised of mutual funds and exchange traded funds representing these indexes. These funds are chosen based upon their reoccurring expenses, and are among the lowest cost funds available in the industry. Investing in indexes not only helps us control costs, but gives us complete transparency for much of the investment pool.

In instances where there may be no suitable investable index; CUF leverages its investment consultant to gain access to active managers within the asset class. Assets are placed with managers that are selected based upon safety, reputation, service, fees, and execution.

Research in portfolio management has shown that the allocation across asset classes explains up to 90% of the volatility of portfolio returns, whereas stock selection explains less than 10%. We use well-respected quantitative investment models, to assist us in determining which asset classes we will hold and what proportion we will hold in each class. We also consider the valuation of the asset class, and how far that valuation may be from its historical mean. The signals generated by the models provide important input into the decision processes. Each signal is evaluated by the CIO relative to reasonableness and timeliness to what is going on in the worldwide economy.

Our investment process attempts to constantly add new asset classes based upon their characteristics of return, risk and comovement with the existing asset classes. Although we might have up to 30 different asset classes we monitor and track, we seldom will be invested in more than half of these monitored classes.

Prepared by John C. Alexander, Jr., Ph.D. Chief Investment Officer, CUF

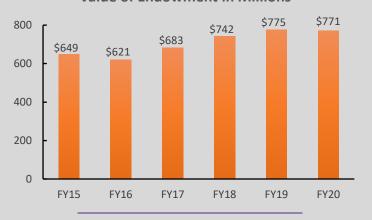
PERFORMANCE

Consolidated Endowment Performance



*Target Benchmark (44.5% Russell 30000 60%/MSCI ACWI ex US (Net) 40%, 9.5% 33% BBG Commodity TR/33% S&P GNR/33% FTSE/EPRA NAREIT Global Real Estate Index, 20% HFRI FoF Composite Index, 12% BBG Barclays Aggregate Bond Index, 11.5% Actual PE/VC Performance, 2.5% Actual Private Real Assets Performance **NACUBO All Institutions Average (n=705)

Value of Endowment in Millions



RISK METRICS

5 Year Period	Annualized Return	Annualized Volatility ₁	Annual Sharpe Ratio ₂
CUF	6.2%	10.3%	0.60
Benchmark	5.5%	9.4%	0.58

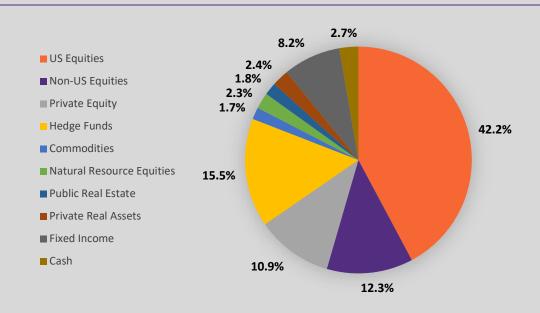
- 1. The higher the volatility, the riskier the portfolio.
- 2. The greater the value of the Sharpe ratio, the more attractive the risk-adjusted return.

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ASSET ALLOCATION

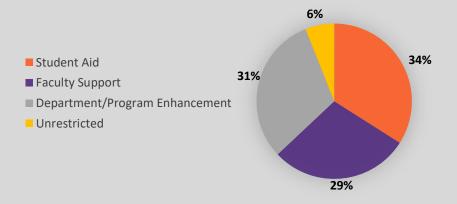


ENDOWMENT DISTRIBUTION

Endowment Payout in Millions



Endowment Distribution by Donor Purpose



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2020 NACUBO RESULTS

Annually, the NACUBO-TIAA Study of Endowments releases results of their survey of over 700 colleges, universities and their related foundations. For those not familiar with NTSE, the annual Study analyzes return data and a broad range of related information gathered from U.S. colleges and universities, both public and private, as well as their supporting foundations. The size and scope of the Study make it the most comprehensive annual report on the investment management and governance practices and policies of institutions of higher education institutions across the U.S.

Our FY 2020 investment return of 2.5% was 70 basis points higher than the All Institution Average of 1.8% - and 100 basis points better than our peers with assets between \$500 million and \$1 billion. This year represents the 8^{th} year in a row that our results have outperformed the All Institutions Average.

Taking a longer sweep at the results provided, the following table provides our average annual one -, three -, and five-year returns compared to peers in this study.

Avg. Annual Returns	<u>1-yr</u>	<u>3-yr</u>	<u>5-yr</u>
Clemson University Foundation	2.5%	6.4%	6.2%
NACUBO Study (All institutions)	1.8%	5.2%	5.1%
NACUBO Study (>\$500M-\$1B)	1.5%	5.1%	5.1%

CUF's performance ranked in the top quartile for the 3-year and 5-year time periods against All Institutions.