

**University of Miami**  
**Growth Pool**  
**Statement of Investment Policy**

October 2012

**Introduction**

This document presents the investment process of the University of Miami's Growth Pool ("Growth Pool"), including investment objectives, asset allocation, investment restrictions, and review procedures (collectively, the "Policy"). The Growth Pool consists primarily of the University's Endowment Fund and other long term funds. The overall investment objectives are as follows:

- **Preserve the portfolio's purchasing power through asset growth in excess of the spending policy plus the rate of inflation.**
- **Invest assets in order to maximize the long term return while assuming a reasonable level of risk**

**Investment Responsibilities**

The Executive Committee of the Board of Trustees has responsibility for establishing and modifying all elements of this Policy. This includes establishing the portfolio's asset allocation strategy. The Executive Committee has directed through the investment responsibilities described below, required activities of the Investments Committee ("Committee"), University Staff, the Investment Consultant, and the Investment Managers ("Managers").

The Committee is responsible for:

- 1) Overseeing the Growth Pool's assets and reporting on the status of the portfolio to the Executive Committee at least two times per year.
- 2) Monitoring the investment performance of each manager versus the manager's benchmark using reports prepared by the Managers, the University's staff, and its Investment Consultant.
- 3) Monitoring the appropriateness of each manager's investment strategy given the University's overall investment strategy, philosophy, and objectives.
- 4) Overseeing the process of monitoring manager portfolios to insure compliance with this policy, its guidelines and restrictions.
- 5) Reviewing this Policy on an ongoing basis and recommending changes to the Executive Committee, as may be necessary or desirable.

## **Investment Responsibilities (cont.)**

All Managers are responsible for:

- 1) Acting in accordance with “prudent man” principles with respect to the management of the University’s assets.
- 2) Immediately reporting in writing, any violations of the guidelines and restrictions as set forth in this Policy.
- 3) Immediately reporting any findings against the firm or its principals, either by the SEC or any other regulatory authority. In addition, any lawsuits brought against the firm or its principals should also be immediately reported to the University.
- 4) Preparing quarterly written statements, including actions taken in the portfolio and expected changes in the portfolio, including proxy voting.
- 5) Attending meetings with the Committee and University staff as needed.
- 6) Immediately communicating all pertinent changes in the Manager’s firm to the University. This includes, but is not limited to:
  - Changes in personnel involved in the University relationship
  - Changes in Manager’s ownership
  - Changes in senior investment professionals’ responsibilities
  - Changes in Manager’s investment style
- 7) Complying with the University’s Policy for Socially Responsible Investments and voting all proxies related to equity holdings in accordance with that policy, in a timely fashion, and in the best economic interests of the University.
- 8) Adhering to the investment strategy or style for which the Manager was selected.

The University’s Administration is responsible for:

- 1) Selecting and terminating investment managers for the Growth Pool in accordance with the strategic asset allocation adopted by the Executive Committee as set forth in this policy. At no time will manager changes or cash flows to or from managers be used for the purpose of short term oriented or tactical asset allocation.
- 2) The Senior Vice President for Business and Finance or the Vice President of Finance and Treasurer are authorized to execute all documents necessary to effectuate transactions consistent with this Policy Statement, including but not limited to designating amounts to be invested with each manager.

### **Investment Responsibilities (cont.)**

- 3) Any manager change will be by unanimous agreement of the Senior Vice President, Vice President of Finance and Treasurer, Executive Director of Investments, and the Investment Consultant.
- 4) Administration will provide detailed monthly reports to the committee summarizing their activities, and will notify committee members via email 24 hours before hiring or firing any manager, explaining the reasons for this decision.
- 5) Preparing investment reports for the Committee's review that contain information necessary for the Committee to exercise its investment responsibilities.
- 6) Monitoring the portfolio's asset allocation versus its strategic asset class and manager targets, rebalancing the portfolio as needed.
- 7) Assisting the Committee and the Managers with all components of this Policy.
- 8) Monitoring plan liquidity needs.

The Investment Consultant is responsible for:

- 1) Assisting Administration and the Committee with its responsibilities.
- 2) Monitoring this policy and recommending changes as needed.
- 3) Monitoring each investment manager's ownership structure and investment personnel and reporting all significant changes to the University.
- 4) Monitoring each investment manager for adherence to this policy as well as to their stated investment style.
- 5) Monitoring investments of alternative investment managers on a quarterly basis for compliance with the manager's stated strategy.
- 6) Monitoring portfolio exposures versus asset allocation and manager targets, recommending re-balancing strategies to staff as needed.

### **Spending Policy**

The University is a permanent institution. As a result, it has adopted stable long-term policies that increase the likelihood of achieving the investment objectives listed in the Introduction to this document. These policies begin with the Endowment Spending Policy. In order to supply the University with a predictable level of funds a total return spending policy has been adopted.

### **Deposits/Withdrawals**

The University Vice President of Finance and Treasurer with the approval of the Investments Committee Chairman and with the advice of the Investment Consultant will determine how to allocate large deposits (greater than 5% of the total portfolio) to the managers in a manner that

is consistent with the asset allocation policy. Smaller deposits and all withdrawals will generally be made at the discretion of the University Vice President and Treasurer with the advice of the Investment Consultant and in a manner that is consistent with the asset allocation policy.

## **Investment Philosophy**

As a long-term investor, the following issues are significant factors in the prudent allocation of the University's assets:

- In order to achieve a rate of return that will support the above-mentioned spending policy while protecting the assets from inflation, the University must be willing to take some investment risk. At present, the return needed to support the University's spending policy is approximately 7.5%, while the portfolio's projected return is 9.7% (Consultant's estimate).
- The Committee believes that the most effective way to establish an appropriate volatility level for the portfolio is through its asset allocation (i.e. stocks, bonds, and cash). Long term investment return and volatility depend on the portfolio's strategic asset allocation. In consultation with its Investment Consultant, a strategic asset allocation policy has been adopted which best balances the opportunity for achieving the investment return objectives as set forth in this policy with an appropriate volatility level.
- There is significant evidence that long-term investors do not benefit from attempting to earn returns through short-term asset class forecasts or market timing. As a result, the University has adopted a strategic long-term asset allocation. Over time, the portfolio will remain invested in percentages that are fairly close to those called for in the strategic allocation.
- The University strongly believes in the long-term benefits of diversifying its portfolio into a number of different asset classes and investment strategies. While each asset class and strategy is carefully selected, the focus of the investment process is always on the overall portfolio.
- To achieve the long-term benefits of a widely diversified portfolio, the University has adopted strategic targets for each asset class that it utilizes. It expects that the portfolio weight for each asset class will remain within minimum and maximum percentages. The current strategic asset allocation including targets and acceptable ranges is outlined in Appendix A
- Within each asset class, the University seeks to earn the most efficient rate of return possible (after investment expenses). Investments will be well diversified by investment style and strategy. Style/strategy diversification will increase the probability over three to five year time periods that the University will achieve its investment goals and reduce volatility. The University has adopted specific requirements and restrictions for each asset class. These are described in Appendix B.

## **Performance Objectives**

In order to achieve the objectives stated in the Introduction to this policy, the University's total portfolio must earn a rate of return that is at least equivalent to the rate of inflation plus the spending rate. Thus, the long-term objective for the Growth Pool is to earn a return of at least the Consumer Price Index plus 5%. Given that this benchmark is not directly related to market performance, success or failure in achieving this goal should be evaluated over ten to twenty years.

In order to evaluate the performance of its managers over shorter time periods, the University has also adopted a market driven benchmark for each manager. For the Growth Pool as a whole, the Total Portfolio Benchmark ("Benchmark") will consist of a suitable index for each asset class used. These indices will be weighted on a monthly basis according to the University's strategic asset allocation targets listed in Appendix A. Appendix C defines the current Benchmark.

The University's goal, over each five year time period, is to earn a rate of return on its total portfolio that exceeds the Benchmark return by fifty basis points after investment management fees have been deducted.

## **Socially Responsible Investments**

The University's Policy for Socially Responsible Investments applies to the Growth Pool.

## **Securities Lending**

Participation in securities lending programs is prohibited for assets held directly by the University within its custodial account. In addition, wherever possible, the University will seek to utilize commingled vehicles that do not participate in these programs.

## **Administrative and Review Procedures**

The Investments Committee will review this Policy at least annually.

The Investments Committee will review the performance of the Growth Pool assets each meeting with the assistance of its Investment Consultant and the University staff. These reviews will include

- Review of the Growth Pool's overall asset allocation to assure compliance with this document.
- Review of performance against the benchmarks set forth in this document.

University Staff and the Investment Consultant will perform the above review at least monthly and report any deviations or concerns as soon as reasonably practicable to the Investment Committee Chairman.

## **Appendix A Strategic Asset Allocation**

The University has adopted the following strategic asset allocation. All figures listed here refer to an asset class's percentage of the total portfolio. The minimum and maximum weights listed here represent the acceptable allocation ranges for each asset class. Actual asset allocation will be compared to these ranges on a monthly basis. In the event that the allocation to a particular asset class falls outside of acceptable range, the portfolio will be re-balanced so that all asset classes are within their permitted allocations. Assets which have not been allocated or called for certain alternative investment classes (hedge funds, private equity and real assets) will be held in those asset classes that contribute the most to the expected return without increasing total portfolio risk and most closely approximate the target asset allocation. From time to time, this may cause actual exposures to exceed the maximum percentage listed here.

Please note that the ranges here are not intended to be used for tactical asset allocation strategies. Markets will naturally shift the actual portfolio's weightings away from the targets. The ranges serve to formalize the approach to rebalancing as described above.

<u>Asset Class</u>	<u>Target Percentage</u>	<u>Minimum</u>	<u>Maximum</u>
U.S. Large/Mid Cap Equity	16.0%	11%	21%
U.S Small Cap Equity	4%	1%	7%
International Equity	17.5%	10%	20%
Emerging Markets Equity	7.5%	4%	11%
US TIPs	5%	2%	8%
Global Fixed Income	5%	2%	8%
Hedge Funds	30%	25%	40%
Private Equity	5%	2%	8%
Hard Assets	10%	5%	15%

## **Appendix B**

### **Asset Class Definitions/Guidelines**

#### **Domestic Equity**

- 1) The domestic equity portfolio will be diversified according to economic sector, industry, number of holdings and other investment characteristics. However, it is recognized that any actively managed portfolio will not be as diversified as the market. To produce overall diversification, equity managers will be selected to employ different management strategies that together achieve the desired degree of diversification.
- 2) Domestic equity managers are permitted to hold up to 10% of their portfolio in American Depository Receipts (“ADRs”) or foreign domiciled companies whose equity securities are traded in US markets.
- 3) No more than 5% at cost or 10% at market of a manager’s portfolio may be held in the securities of a single issuer.
- 4) Short selling of securities is prohibited. This restriction does not apply to the hedged equity managers.
- 5) Derivative instruments such as financial futures and options may not be used without the prior approval of the University’s Investments Committee. This restriction does not apply to the hedged equity managers.
- 6) A manager may only deviate from these guidelines with advance written permission of the University.

#### **International Equity**

The following definitions may be used to distinguish between developed and emerging international securities.

**International Developed Equity:** Listed equity securities traded on developed non-U.S. markets. Developed markets are defined as those included in Morgan Stanley’s EAFE index plus Canada.

**Emerging Markets Equity:** Listed equity securities traded on emerging non-U.S. markets. Emerging markets are defined as any market that is not included in Morgan Stanley’s EAFE index plus Canada.

All restrictions listed above for Domestic Equity, other than item number two (ADRs), also applies to International Equity with the following additions and modifications.

- 1) Managers must hold securities in a minimum of three countries at all times.
- 2) Currency exposure may only be hedged back to the US dollar. The decision to hedge is left to the manager’s discretion. Derivative instruments may be used to achieve currency hedging as permitted under this policy.

## **Appendix B**

### **Asset Class Definitions/Guidelines (Cont.)**

#### **Fixed Income (Domestic/Global)**

- 1) The duration of a manager's portfolio should be within two years of the duration of their market benchmark.
- 2) Managers are permitted to invest in the following classes of fixed income securities:
  - a) Bonds or notes issued by the U.S. Government or a U.S. Government Agency backed by the full faith and credit of the US Government
  - b) Bonds or notes issued by non-US (Sovereign) governments or their respective agencies that are backed by the full faith and credit of the foreign government.
  - c) Mortgage-backed securities
  - c) Corporate bonds issued in the U.S. and denominated in U.S. dollars
  - d) Asset-backed securities
- 3) Investment Grade bond managers are expected to maintain an average quality rating for their portfolio that does not fall below an S&P rating of AA-. High Yield bond managers are expected to maintain an average quality rating for their portfolio that does not fall below an S&P rating of B-.
- 4) No more than 5% at market of a manager's portfolio may be held in the securities of a single corporate issuer. This restriction does not apply to securities issued either by the U.S. Government or a U.S. Government Agency backed by the full faith and credit of the U.S. Government, or any investment grade sovereign issuers and their respective agency securities
- 5) Derivative instruments may be utilized by a manager in order obtain more efficient exposure to a specific type of security. However, at no time, may derivative instruments be used to leverage the portfolio. In addition, it is expected that a manager will have thoroughly tested the behavior of the derivative instrument under a variety of market conditions before purchasing the security for the portfolio.
- 6) Global bond managers must invest in at least 3 countries at all times.
- 7) A manager may only deviate from these guidelines with advance written permission of the University.

#### **Alternative Investments**

In order to enhance portfolio results, the University may elect to invest in alternative investment strategies such as hedge funds, real assets or private equity. At present, hedge funds, private equity, commodities, real estate and long/short hedge funds are included in this area. These investments are made with the intention of raising portfolio returns and/or lowering total volatility. In most cases, these investments will be implemented via limited partnerships. Therefore, restrictions are established by the offering documents for each partnership.

## Appendix C Total Portfolio Benchmark

The University's total portfolio benchmark is based on its strategic asset allocation using suitable market indices to represent each asset class. This custom index is calculated on a monthly basis using the weights listed below. Note that the portfolio will be moved gradually towards the targets indicated below and benchmark changes will be made in a manner that is consistent with the actual asset shifts.

<u>Asset Class</u>	<u>Weight</u>	<u>Market Index</u>
US Large/Mid Cap Equity	16.0%	S&P 500
US Small Cap Equity	4.0%	Russell 2000
International Equity	15.0%	MSCI EAFE
Emerging Markets Equity	7.5%	MSCI Emerging Mkts Free
US TIPs	5.0%	Barclays US TIPs
Global Fixed Income	5.0%	Citigroup World Gov't Bond
Hedge Funds	32.5%	40% HFRI Fund of Funds/ 60% S&P 500
Private Equity	5.0%	S&P 500 + 5%
Hard Assets	10.0%	50% Dow Jones/AIG Commodity Index/50% NCREIF Property Index

Managers within each asset class will be measured against a specific style benchmark along with the market benchmark for their asset class as indicated above.