



BOARD OF TRUSTEES
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**BOARD OF TRUSTEES
MIAMI UNIVERSITY
Minutes of the Finance and Audit Committee Meeting
September 13, 2018
Room 180-6, Marcum Conference Center**

The Finance and Audit Committee of the Miami University Board of Trustees met on September 13, 2018 in Marcum Conference Center, on the Oxford campus. The meeting was called to order by Committee Chair John Altman at 1:30 p.m. Roll was called; attending with Chair Altman, were Committee members, Trustees Jagdish Bhati, David Budig, Sandra Collins, Mark Ridenour, and Rod Robinson; and National Trustees Michael Armstrong, and Robert Coletti. Also attending were Trustees Thomas Gunlock, Zac Haines, John Pascoe, and Robert Shroder, along with National Trustees Terry Hershey and Diane Perlmutter, and Student Trustee Cremeans.

In addition to the Trustees, David Creamer, Senior Vice President for Finance and Business Services, and Treasurer; Phyllis Callahan, Provost and Executive Vice President; Tom Herbert, Senior Vice President for Advancement; Michael Kabbaz, Senior Vice President for Enrollment Management and Student Success; Jayne Brownell, Vice President for Student Affairs; and Robin Parker, General Counsel; were present. Also present to address or assist the Committee were; David Ellis, Associate Vice President for Budgeting and Analysis; Representatives from external auditors, RSM, Cody Powell, Associate Vice President for Facilities Planning and Operations; Bruce Guiot, Chief Investment Officer; Gary Cornett, Controller; Barbara Jena, Director of Internal Audit and Consulting; and Ted Pickerill, Executive Assistant to the President, and Secretary to the Board of Trustees; along with many members of the Miami University community, present to observe.

Executive Session

Trustee Bhati moved, Trustee Budig seconded and by roll call vote the Committee entered Executive Session to discuss the sale of property, collective bargaining, and to consult with counsel, per the Ohio Open Meetings Act.

Following Executive Session, the Committee entered the Public Session.

Public Business Session

Approval of the Minutes

Trustee Bhati moved, Trustee Ridenour seconded and by voice vote the minutes from the prior meeting of the Finance and Audit Committee were unanimously approved.

Advancement Update

Senior Vice President Tom Herbert provided a comprehensive campaign update. He stated that the Miami Promise Scholarship Campaign is ahead of its \$100 million goal, with over \$135 million received to date. The Graduating Champions Campaign is also ahead of goal, with \$75.7 raised to date, with a new target set at \$80 million. The Farmer School of Business campaign is lagging, and a new deadline may be set for this campaign. The Humanities Center is closing in on its \$1.5 million goal. Overall, the comprehensive campaign total is \$282.6 million to date, towards a \$1 billion goal.

Senior Vice President Herbert's presentation is included as Attachment A.

Construction and Capital Projects

Associate Vice President Cody Powell updated the Committee on major construction and renovation projects. He relayed that the major projects are making good progress, are on time, and on budget.

AVP Powell highlighted the Campus Gateway and Safety Enhancements, which are nearing completion. MacCracken, Richard and Porter are on track for completion next summer. Pearson Hall Phase 1 will also be complete in Summer 2019, and Shriver Center Phase 3 will complete in December 2018.

SVP Powell's presentation and materials are included as Attachment B.

Elm Street Building

The University received an offer to purchase the Elm Street Building and property. The sale is contingent upon Oxford City Council action regarding zoning. Trustee Ridenour moved, Trustee Collins seconded and by voice vote the Committee recommended approval of the resolution by the full Board of Trustees.

AVP Powell was asked what if the Elm Street Building sale does not take place. He informed the Committee there are many options, but the University has no plans to aggressively market the property. The building is no longer in use, and should maintenance and safety costs warrant, demolition might one day be considered.

The resolution is included as Attachment C.

Year-End Operating Results

Senior Vice President Creamer began the presentation with a review of the balance sheet and explained due to a change in accounting standards, the statements for the first time include a health care liability for the defined benefit retirement health plans, making it impractical for comparative statements to be prepared. Comparative information was provided during the presentation with the understanding that the

financial information did not include the effect of the health care liability for the prior year.

The net unrestricted position remains positive overall for Miami, and for all university divisions. The Committee was informed that the facility renewal and replacement net position will be significantly reduced over the next two to three years due to a large number of facility projects being locally funded from these net assets. This was anticipated due to the Board of Trustees expectation that new debt funding for facility projects be suspended.

Dr. Creamer also briefed the committee on the revenue and expense performance for the last fiscal year. Due to reduced out of state attendance and increased scholarships, net tuition revenue growth continued to slow which, when combined with expense growth, resulted in slower growth in net assets. Residence and Dining Halls net position was also reviewed for the last decade; Dr. Creamer discussed the dramatic reduction in compensation expense for these operations that was necessary to absorb almost \$40 million in additional annual debt service.

Financial/performance ratios were also reviewed for the year just completed; Viability, Net Income and Primary Reserve. Viability and Primary Reserve ratios showed a continuation of the positive recent trends, while the Net Income ratio, excluding the impact of the retirement liability, declined for the first time in several years. .

Dr. Creamer also reviewed the financial performance for the Foundation with the committee. The Investment Committee of the Foundation's goal is to grow the endowment to over \$1 billion. Progress was made toward this goal in 2018 but fell slightly short of the target. A summary of university and foundation gift activity based on accounting standards was also provided.

SVP Creamer's presentation is included as Attachment D.

Year to Date

Senior Vice President Creamer then focused on year-to-date operating results. The revenue impact of the incoming class was discussed, as was the impact of increasing spending on scholarships. The goal is for net tuition revenue to increase year over year at a level sufficient to cover rising expenses. However, a decrease of 0.8% for FY2019 as compared to FY2018 is anticipated, and that follows a 3.4% decrease for the prior year. It was explained that if this trend continues, the deficits forecast for 2020 and 2021 will certainly materialize.

SVP Creamer also reviewed the regional campus enrollment and net tuition revenue trends. It is anticipated that enrollment will decline again this year on the regional campuses. Should the enrollment and net tuition revenue decrease as expected

and spending not be reduced, it will result in a negative financial position for the Regional Campuses for FY2019 of about \$2.5 million.

SVP Creamer next presented a comprehensive forward outlook using optimistic, ongoing, and pessimistic assumption models, which all showed declining net income, at various rates for all campuses. These results led the Committee to request that Dr. Creamer present a two year budget at the December meeting with recommendations for managing these budget issues in the near term until improvements can occur from the Boldly Creative initiatives.

The Committee then discussed potential dashboards for areas such as finances, enrollment, Boldly Creative, and other areas of the university. Chair Altman called on Committee members to provide templet requests.

SVP Creamer's presentation is included as Attachment E.

Annual Efficiency Report

Associate Vice President David Ellis explained the timing of the Annual Efficiency Report submission. Because the Board meeting schedule did not allow review prior to the submission date, an extension of the official approval by the Trustees was requested.

Farmer School of Business Quasi-Endowment.

The Business School proposed the creation of a quasi-endowment to fund building maintenance and improvements. Trustee Bhati moved, Trustee Robinson seconded and by voice vote the Committee recommended approval of the resolution by the full board of Trustees.

The resolution is included as Attachment F.

Internal Audit

Barb Jena reviewed risk areas and the risk audit with the Committee. She highlighted several audit projects, such as P-Card Continuous Review, Pearson Hall construction project, information security, and outsourcing of vulnerability assessment. The committee voted to approve the Audit Plan.

The Committee met privately with Ms. Jena.

Ms. Jena's report is include as Attachment G.

Investment Subcommittee

Trustee Budig reported on the Investment Subcommittee meeting. He discussed the movement of assets per the new asset allocation plan, which, due to asset liquidity, will take over one year to fully complete. He informed the Committee that \$1 million had been invested with Centrifuse, and that President Crawford had joined the Centrifuse Board.

The Investment Subcommittee Minutes are included as Attachment H.

Forward Agenda

The Committee requested Dr. Creamer present a two year budget at the December meeting with recommendations for managing these budget issues in the near term until improvements can occur from the Boldly Creative initiatives.

The Committee closed the meeting by discussing enrollment, in particular within the Farmer School of Business, The Committee also recommended approval to delegate collective bargaining with the university' police force, to Senior Vice President Creamer.

The Forward agenda is included as Attachment I.

The Collective Bargaining Resolution is included as Attachment J.

Additional Reports

The following written reports were provided for the Committee's information and review:

Enrollment Update, Attachment K
Internal Audit Reporting Update, Attachment L
Cash and Investments, Attachment M
Lean Project Update, Attachment N

Adjournment

With no more business to come before the Committee, following a motion, second, and unanimous voice vote, with all in favor, the Committee adjourned at 4:30 p.m.



Theodore O. Pickerill II
Secretary to the Board of Trustees

Board of Trustees

September 2018



MIAMI UNIVERSITY

University Advancement Report

Tom Herbert, J.D.

Senior Vice President, University Advancement
President, Miami University Foundation



MIAMI UNIVERSITY

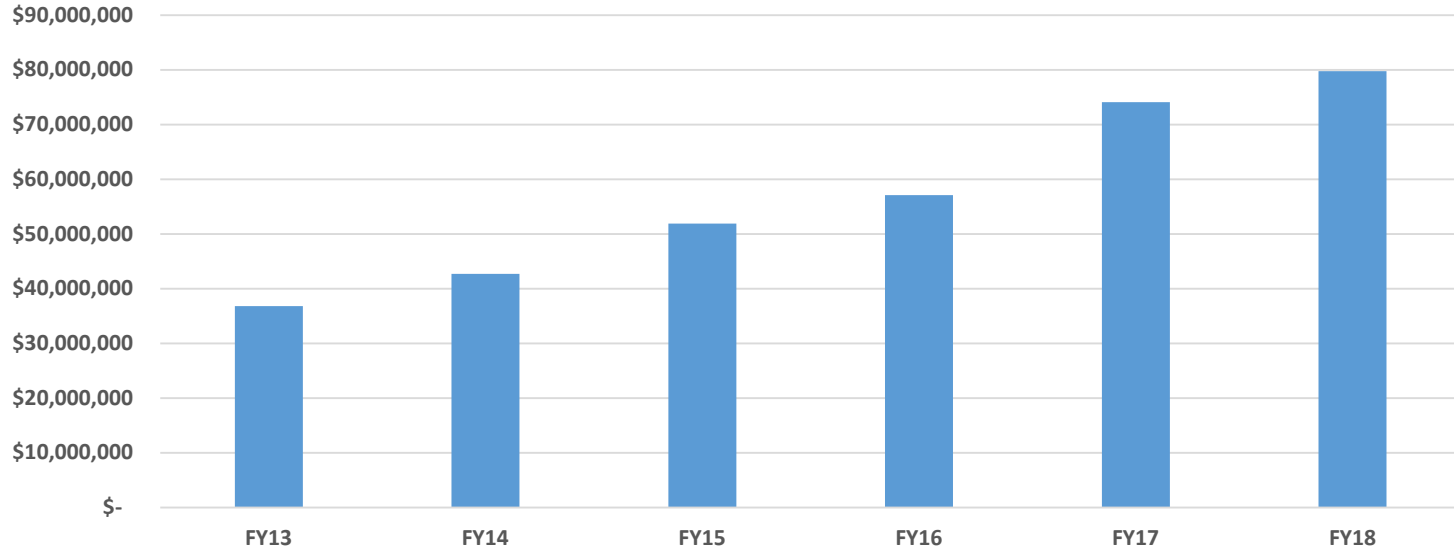
FY'18 Fundraising

- » Goal: \$80 million
- » Raised: \$83.9 million (105% of goal)

Three-year rolling averages

- FY'13: \$36.8 million
- FY'14: \$42.7 million
- FY'15: \$51.9 million
- FY'16: \$57.1 million
- FY'17: \$74.1 million
- FY'18: \$79.7 million

Three-year rolling averages



FY'18 Cash

- » Overall cash received: \$34.9 million
- » Cash generated by Administrative Fund: \$4.8 million

FY'19 Fundraising

- » Goal: \$100 million
- » Raised: \$4.2 million (4% of goal)

Miami Promise Scholarship Campaign

- » Goal: \$100 million
- » Raised to date: \$135.5 million (135% of goal)



Miami Promise Scholarship Campaign Goals

- » FY'15: \$18.0 million -- \$19.8 million raised
- » FY'16: \$18.0 million -- \$30.3 million raised
- » FY'17: \$18.7 million -- \$29.4 million raised
- » FY'18: \$20.7 million -- \$55.2 million raised
- » FY'19: \$24.6 million -- \$735,000 raised to date



Graduating Champions Campaign

- » Goal: \$70 million
- » Raised to date: \$75.7 million
- » Pushing on to \$80 million



Farmer School of Business Campaign

- » Five year campaign for \$250 million
- » Timeline: July 1, 2016 – June 30, 2021
- » Silent phase
- » Raised to date: \$58.4 million
- » Lagging significantly – may revisit timeframe

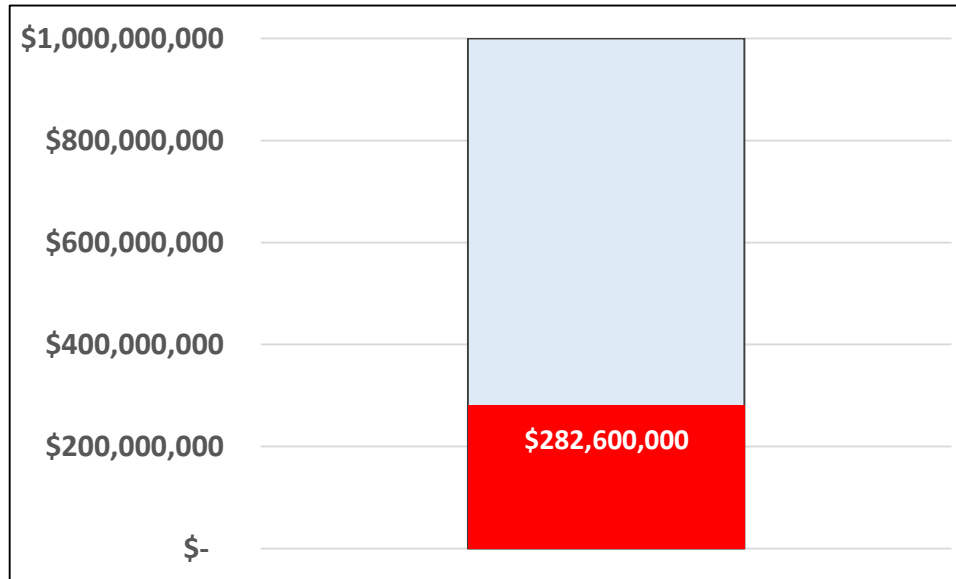
The Humanities Center

- » Fundraising target: \$1.5 million (NEH Challenge Grant, by July '19)
- » Met or surpassed all goals so far: FY'16, FY'17, FY'18
- » Raised to date: \$1,390,464
- » \$109,536 to raise (by July 2019) to complete the challenge

\$1B Campaign Progress Report

- » Campaign to date:
 - » Goal: \$1 billion
 - » Raised to date: \$282.6 million (28% of goal)

\$1B Campaign Progress Report



Thank you!



Status of Capital Projects Updates

September 13, 2018



Campus Gateways and Safety Enhancements

Project Cost: \$4,800,000

Cost of Work: \$4,100,000

Completion Date/% Comp: November 2018/65%

Project Delivery Method: Construction Manager at Risk

Contingency/Balance: \$162,000/75%



Campus Gateways and Safety Enhancements



Campus Gateways and Safety Enhancements



Campus Gateways and Safety Enhancements



MacCracken, Richard, and Porter Halls Renovations

Project Cost: \$71,700,000

Cost of Work: \$57,613,808

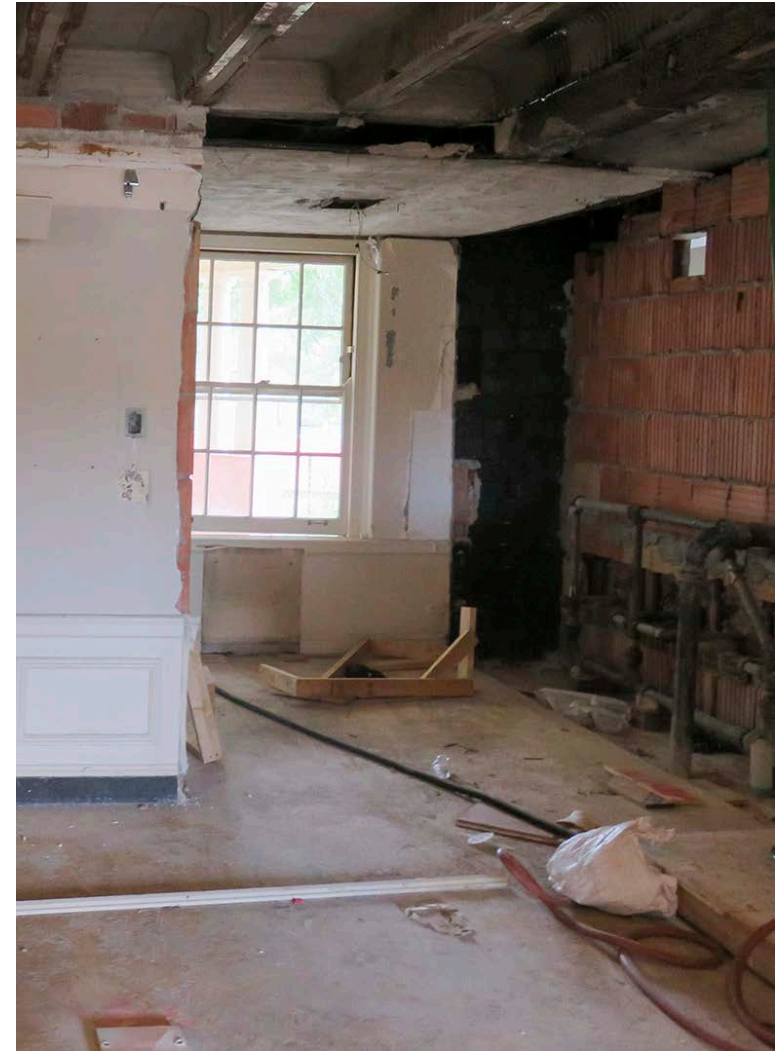
Completion Date/% Comp: July 2019/15%

Project Delivery Method: Design-Build

Contingency/Balance: \$5,635,815/98%



MacCracken, Richard, and Porter Halls Renovations



MacCracken, Richard, and Porter Halls Renovations



Pearson Hall Renovations, Phase 1

Project Cost: \$32,630,000

Completion Date/% Comp: August 2019/70%

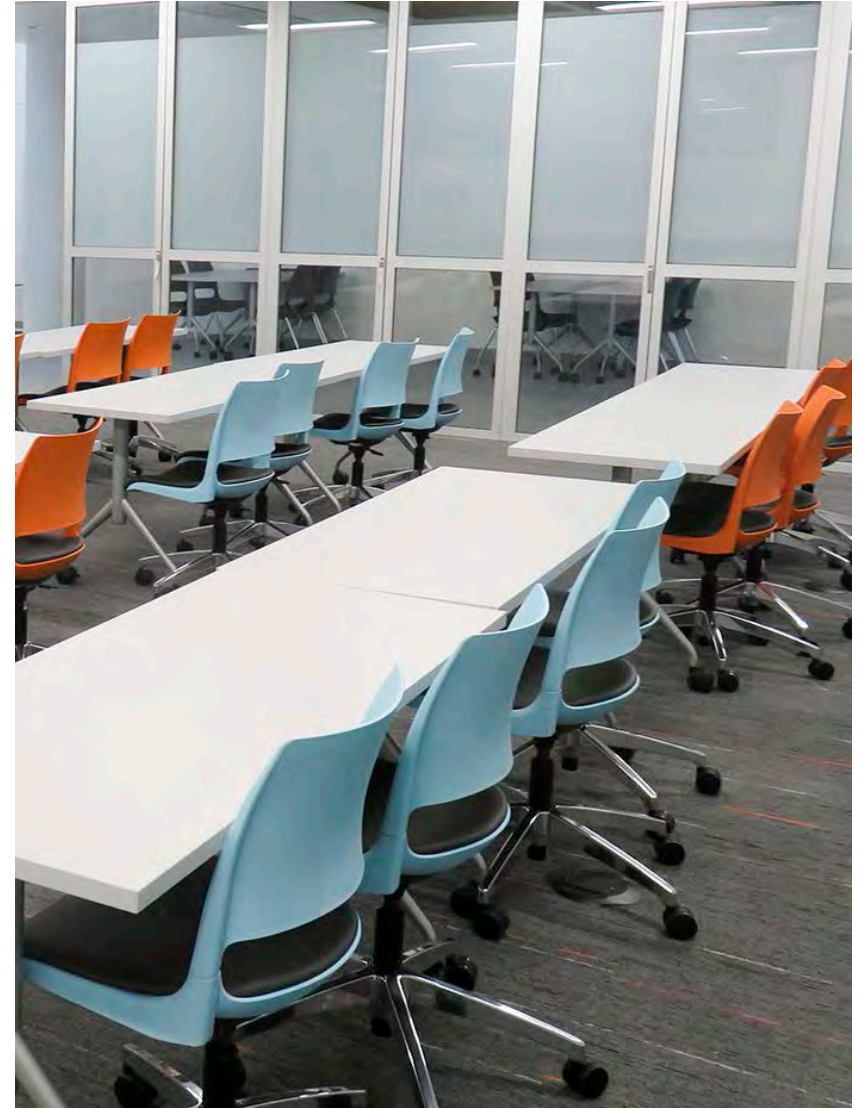
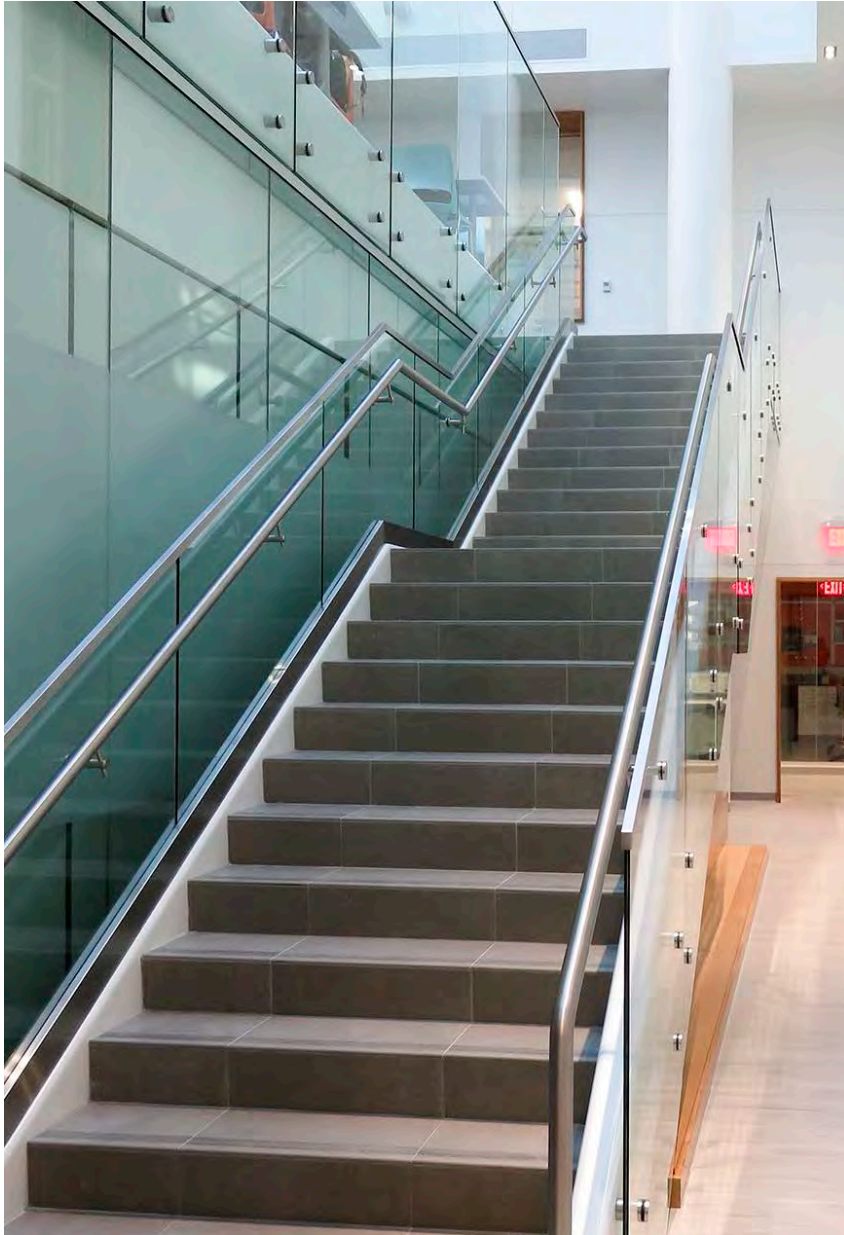
Contingency/Balance: \$1,583,407/76%

Cost of Work: \$26,877,140

Project Delivery Method: Design-Build



Pearson Hall Renovations, Phase 1



Shriver Center Renovations – Phase 3

Project Cost: \$1,250,000

Completion Date/% Comp: December 2018/10%

Contingency/Balance: \$81,323/100%

Cost of Work: \$952,177

Project Delivery Method: Construction Manager at Risk



Questions?





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Status of Capital Projects Executive Summary September 13, 2018

1. Projects completed:

Seven major projects were completed since the last report. Existing Residence Halls, Minnich and Scott, were both renovated. This work is the continuation of our long-range housing master plan and our utility master plan. These residence halls support over 500 beds and five sorority suites. On the north end of campus, Presidents Hall and Withrow Hall are two new construction residence halls completed in time for the start of the fall semester. These two residence halls add over 600 beds to the campus. An infrastructure project completed the replacement of the tunnel top along Tallawanda Avenue. In the middle of campus, a quick summer project created a large SCALE-UP (Student-Centered Active Learning Environment for Undergraduate Programs) classroom laboratory. This project continues the University's commitment in supporting new pedagogical approaches. Finally, Shriver Center Renovations, Phase 2 has been completed. The projects were completed on time and within budget, returning approximately 10% of the project revenue. Eight projects under \$500,000 were completed since the last report.

2. Projects added:

Fifteen projects under \$500,000 were added during this reporting period. No new major projects were added during this reporting period.

3. Projects in progress:

Substantial progress was made over the summer on the Campus Gateways and Safety Enhancements project. Patterson Avenue now has median islands with safe havens for pedestrians in four locations. These islands, coupled with the monumental pier at the Chestnut Street intersection, work to constrict the vehicular traffic lanes giving motorists the signal to slow their speed as they progress through this heavy pedestrian corridor. New bike lanes and sidewalks have been installed on the State Route 73 entrance. Work is continuing on the entry gateway elements at Patterson Avenue and State Route 73. Renovation work has just begun inside MacCracken, Richard, and Porter Halls. Work has progressed in the adjacent Central Quad landscape supporting some necessary utility improvements. The transition of dining in Maplestreet Station to a full buffet style venue is on-schedule. A portion of the space was completed prior to the start of the fall semester. The balance of the work is on-track for completion in early October. Pearson Hall Phase 1 work is nearly complete. One portion of this first phase is left, but will not occur until the summer of 2019. The addition of the atrium space was completed prior to the students returning. The work being performed in this renovation is really quite transformative. The second phase of Pearson's renovation has now begun since funding from the State's capital appropriation has been received. The next phase of the utility master plan is being implemented through the South Chiller Plant Conversion project. Underground piping was installed throughout the summer. Installation of the large thermal energy storage tank begins this September. Finally, work is underway to move Starbucks into the lower level of Shriver Center adjacent to the Admissions Welcome Center and the bookstore.

Respectfully submitted,

Cody J. Powell, PE
 Associate Vice President –
 Facilities Planning & Operations

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<u>Summary of Active Projects</u>		
	<u>Number of Projects</u>	<u>Value</u>
Under Construction	10	\$170,724,859
In Design	1	\$18,000,000
In Planning	1	tbd
Projects Under \$500,000	82	\$18,008,313
	Total	\$206,733,172

<u>New Projects Over \$500,000</u>

<u>Projects Completed Since Last Report</u>	
Minnich and Scott Halls Renovations	\$50,000,000
New Residence Hall – North Quad Tennis Court Site	\$38,500,000
New Residence Hall – North Quad Withrow Court Site	\$37,000,000
North Campus District Landscape Improvements	\$5,000,000
Shriver Center Renovations – Phase 2	\$9,500,000
Tunnel Top Replacement, Phase 3: Billings to High Street	\$2,275,140
Upham Hall Classroom Upgrades 2018	\$1,200,000
	Total
	\$143,475,140

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UNDER CONSTRUCTION
(Under Contract)
Projects Requiring Board of Trustees Approval

1. Campus Gateways and Safety Enhancements: (BOT Feb '18)

Christian

In 2016, Ohio Department of Transportation (ODOT) completed a significant roadway project impacting the campus entry at US 27 South and Chestnut Street. While the improvements made by ODOT improved the roadway, much of the resultant impact to this important campus entry left it unattractive. This project will be completed in two phases. Phase 1 will construct new gateways to the Oxford Campus on both US 27 South and State Route 73 East, and make safety improvements to both roadways. Gateway elements include masonry walls, piers, and signage in the character of the campus architecture, a new brick-paved intersection at Chestnut and Patterson Avenue, and landscape improvements near both new gateways. Safety enhancements include installing refuge islands, planted medians, improved crosswalk locations, lighting and safety signals, and bike lanes along SR 73 that connect to the future OATS trail system in cooperation with the City of Oxford. Phase 2 is planned for construction in 2020, and will be funded in the future based on the outcome of a Federal transportation safety grant application submitted in April 2018. Phase 2 will include refuge islands, planted medians, safety signals, and reducing the number of crosswalks on High Street between Patterson Avenue and Campus Avenue.

After being closed to through traffic for most of the summer, the Patterson Avenue streetscape was substantially complete and reopened to traffic on August 21. This part of the project included the construction of the landscaped median islands, the brick paving of the Chestnut intersection, a portion of street and pedestrian lighting, construction of the monumental pier at the Chestnut intersection, planting of trees along the Patterson Avenue's east side, and site restoration in the curb lawn and at the Art Museum.

On State Route 73 the work completed before the start of the fall semester included street and pedestrian lighting, trees, sidewalks, site restoration along the north side near the Cook Field south parking lot, and re-striping of Route 73 to include bike lanes on both sides extending east to the entrances to the Ditmer and Equestrian Center parking lots.

Work on the gateways south of the Chestnut intersection has now progressed to approximately 50%, and work on the State Route 73 gateways has progressed to approximately 40%. Both of these locations were impacted by unforeseen conditions related to underground electric, storm water, and sanitary sewers that required remediation before the gateways could proceed.

In June the City of Oxford and Miami University were notified by the Ohio Department of Transportation that the joint application for Phase 2 (High Street) was approved, and will be funded for \$1,000,000 to assist with construction costs. The design work for Phase 2 will commence in the fall of 2018, with Construction scheduled to begin in the Spring of 2020.

Campus Gateways and Safety Enhancements (continued):



Delivery Method: Construction Manager at Risk

Project Cost	
Design and Administration	\$538,000
Cost of Work	\$4,100,000
Contingency	\$162,000
Owner Costs	\$0
Total	\$4,800,000

Funding Source	
Local	\$4,800,000
Total	\$4,800,000

Contingency Balance: 75%
 Construction Complete: 65%
 Project Completion: Fall 2018

2. **MacCracken, Richard and Porter Halls Renovations with Central Quad Improvements:**
(BOT Feb '18)

Morris

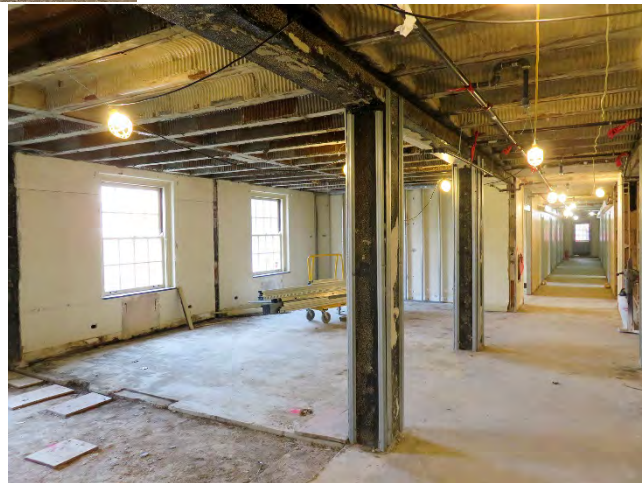
This project will fully renovate MacCracken and Richard Residence Halls – two co-located residence halls in the Central Quad. The project will also renovate Porter Hall at a level similar to what was recently completed at Clawson. In addition, the exterior quad will be enhanced with LED lighting, improved drainage and irrigation. MacCracken and Richard Halls are the last of the Central Quad halls to be renovated. The MacCracken and Richard Hall programs include new sorority suites and an expanded MacCracken Market facility with limited food service. The renovation will include upgrades to systems, finishes and accessibility. Fire protection will be added to MacCracken and Richard and other safety elements will be enhanced and residence life spaces will be reconfigured.

MacCracken, Richard and Porter coordination drawings are complete. Demolition and abatement work and structural modifications are complete; elevator pits have been replaced; and utilities, windows, and roof replacement are all in progress. Mechanical, electrical and plumbing systems rough-in and drywall framing are also in progress.

Central Quad will be enhanced with LED lighting, improved drainage and irrigation. The MacCracken lot and South Quad west tunnel top waterproofing / replacement, including both Center Drive street crossings, will now be included in the project scope. The north half of Central Quad is complete except for tree plantings scheduled for Spring of 2019. The remainder of Central Quad is slated for a November 2018 opening. South Quad tunnel top construction drawings are near complete. Tunnel top replacement is scheduled for Spring/Summer of 2019.



MacCracken, Richard and Porter Halls Renovations with Central Quad Improvements (continued):



Delivery Method: Design-Build

Project Cost	
Design and Administration	\$4,262,223
Cost of Work	\$57,613,808
Contingency	\$5,635,815
Owner Costs	\$4,188,154
Total	\$71,700,000*

Funding Source	
Bond Funds	\$48,944,537
University CR&R	\$3,500,000
Residence Halls CR&R	\$19,255,463
Total	\$71,700,000*

*Modified since the last report. A separate project to replace the tunnel top adjacent to these buildings has now been included in this design-build team’s scope of work. This decision was made to improve project coordination and economy of scale.

Contingency Balance: 98%
 Construction Complete: 15%
 Project Completion: July 2019

3. Maplestreet Commons North: (BOT Feb '18)

Heflin

This project will renovate three restaurant venues in the northern portion of Maplestreet Station to support buffet dining services. The renovation will provide interior access between the existing venues, modification of kitchens and serving lines, and additional dish wash services to support the anticipated increased meal volume. The project impacts the Starbucks location within Maplestreet Station. The Starbucks is being relocated into the lower level of Shriver Center, integral with the bookstore and adjacent to the Admissions Welcome Center. The new venue within Shriver Center will improve seating capacity and the size of the store.

Phase I areas in the Grille, Commons Express, and back of house food prep/storage were complete in early August and available for fall semester food service operations. The new Chef's Stage allergen free station and dining, the addition, and the new dish wash areas will be complete by the end of September. Food service operations will commence in early October. **This will be the last report.**



Delivery Method: Design-Build

Project Cost	
Design and Administration	\$258,000
Cost of Work	\$2,600,000
Contingency	\$208,200
Owner Costs	\$133,800
Total	\$3,200,000

Funding Source	
Local	\$3,200,000
Total	\$3,200,000

Contingency Balance: 50%
 Construction Complete: 85%
 Project Completion: October 2018

4. **Pearson Hall Renovations - Phase 1:** (BOT Feb '17)

Porchowsky

Pearson Hall, built in 1985, serves the biological sciences including the Departments of Biology and Microbiology. This phased, occupied rehabilitation will renovate teaching and research labs, offices, common areas, mechanical, electrical, plumbing and fire systems, and circulation spaces. Because the building is occupied, the work is expected to occur over approximately four years.

Phase 1 is expected to address at least 50% of the necessary heating, cooling, and lab exhaust systems; modernize the public areas, and approximately 50% of the teaching and research laboratories. The large lecture halls modernized in recent years will not be impacted by this project.

The majority of the Phase 1 work has now been completed. This includes classrooms, administrative offices, and new convergence spaces on the first and second levels. Occupants have moved into their new spaces. The last component of the Phase 1 portion of the project renovates spaces on the third floor. This work will begin in May of 2019 and complete in August of 2019.



Delivery Method: Design-Build

Project Cost	
Design and Administration	\$3,434,253
Cost of Work	\$26,877,140
Contingency	\$1,583,407
Owner Costs	\$735,200
Total	\$32,630,000

Funding Source	
State	\$23,900,000
Local	\$8,730,000
Total	\$32,630,000

Contingency Balance: 76%
 Construction Complete: 70%
 Project Completion: August 2019

5. **Pearson Hall Renovation, Phase 2: (Previous Report – In Design)**

Porchowsky

This project is to complete the balance of the renovation of Pearson Hall for the biological sciences, including the Departments of Biology and Microbiology. This phased, occupied renovation will address deferred maintenance issues with the facility through the installation of new and efficient mechanical, electrical, data, and fire suppression systems. The project also includes lab safety improvements. The project will be occupied during renovations.

Phase 2 will complete the remaining 50% of the necessary heating, cooling, and lab exhaust systems; upgrade electrical switchgear, modernize the public areas, remaining lab classrooms and research laboratories. This project will be completed in two, year-long segments ending August 2020. Research teams for this first segment have moved from their laboratories in Pearson to the swing space located in the Hughes Hall C-Wing.

Delivery Method: Design-Build

Project Cost	
Design and Administration	\$2,571,630
Cost of Work	\$25,238,135
Contingency	\$1,500,000
Owner Costs	\$690,235
Total	\$30,000,000

Funding Source	
State	\$19,523,586
Local	\$10,476,414
Total	\$30,000,000

Contingency Balance: 100%

Construction Complete: 5%

Project Completion: August 2020

6. **South Chiller Plant Conversion:** (BOT Feb '18)

LaGrange

As part of the Campus Utility Master Plan, the South Chiller Plant Conversion Project will convert a large portion of the south half of campus from steam to simultaneous heating and cooling. This project includes conveyance of hot water piping in existing tunnel systems and direct buried piping to connect the South Chiller Plant to several buildings. Hot water connection to Scott, Minnich, Richard, MacCracken, and Porter are occurring as these buildings are being renovated. Hot water connection and conversion to Anderson, Hamilton, Harris, Heritage Commons, Rec Sports Center, Goggin Ice Center, Health Services, Phillips Hall will occur over the next two years. Goggin Ice Arena will also undergo additional energy savings strategies to support the complex requirements of converting Goggin from steam to hot water.

The South Chiller Plant will become a 24/7/365 plant distributing both hot and chilled water to these campus buildings. In order to accomplish this goal, the South Chiller Plant will add three heat recovery chillers, three steam to hot water heat exchangers and multiple supporting pumps. A 1,600,000 gallon chilled water thermal energy storage tank will be added in the parking lot adjacent to the South Chiller Plant to reduce electric demand during peak consumption, resulting in operational savings for the University. The Steam Plant will have three small 12.5 mmbtu boilers installed to accommodate low load periods over the summer as a result of decreased steam consumption associated with the University's ongoing reduction of steam usage. In 2026 these boilers will be relocated to the research district of campus (Hughes, Pearson, Psychology, Engineering) to serve specialty localized needs.

South Chiller Plant Conversion (continued):

This project is a key step in the Utility Master Plan to meet strategic energy reduction and campus sustainability goals of decommissioning coal-fired steam systems by 2026.

The South Chiller Plant hot water generation is complete. The plant is operating and supplying hot water to Anderson, Hamilton, Scott and Minnich Halls. Hot water underground and tunnel piping to support the South Quad is complete. Underground hot water piping work continues in the area of the Recreational Sports Center. Installation of heat recovery chillers and thermal energy storage tank piping and pumps continues in the South Chiller Plant. Construction of the new Thermal Energy Storage tank off of Harris Drive will begin in September.

Final GMP documents for the Goggin conversion are under review with a GMP expected by early September 2019. This will be the final GMP for the project.



Delivery Method: Construction Manager at Risk

Project Cost	
Design and Administration	\$1,550,000
Cost of Work	\$18,500,000
Contingency	\$1,000,000
Owner Costs	\$200,000
Total	\$21,250,000

Funding Source	
Local	\$21,250,000
Total	\$21,250,000

Contingency Balance: 100%
 Construction Complete: 25%
 Project Completion: December 2019

UNDER CONSTRUCTION

(Under Contract)
Projects Between \$500,000 and \$2,500,000

1. Glos Center Reconfiguration: (Previous Report – In Design)

Russell

This Project will renovate the Glos Center from administrative offices for University Communications and Marketing to offices and support spaces for University Advancement. The renovated space will be used to accommodate the University Advancement’s planned staff expansion. The major components of this interior renovation are the replacement of the Plumbing, Electrical and Mechanical systems along with the restoration of the building envelope, energy efficiency improvements, life safety upgrades, ADA accessibility improvements and providing new office fixtures, furnishing and equipment.

Renovation work began in July and is scheduled for substantial completion in December. Interior demolition is complete. Carpentry, mechanical, electrical and plumbing rough-in work are all underway.



Delivery Method: Single Prime

Project Cost	
Design and Administration	\$130,400
Cost of Work	\$1,400,000
Contingency	\$126,000
Owner Costs	\$193,600
Total	\$1,850,000

Funding Source	
Local	\$1,850,000
Total	\$1,850,000

Contingency Balance: 100%
 Construction Complete: 20%
 Project Completion: December 2018

2. **Roof Replacements/Repairs 2018:**

Moss

The Roof Replacements/Repairs 2018 project includes two major roof projects on the Oxford Campus-Hall Auditorium and the Campus Avenue Building, and one at the Hamilton Campus-Wilks Conference Center/Schwarm Hall. At Hall Auditorium, the existing gutters and valleys will be replaced with new copper box gutters and valleys. In addition, there will be an inspection and repair of any deteriorated wood soffit/dentil trim. At the Campus Avenue Building (CAB), the built-up-roof (BUR) will be replaced with new EPDM on the entire building. There will be no work to the existing clay tile roof or gutters/downspouts. At Wilks/Schwarm Hall we will be replacing the metal standing seam roofs, flat roofs with PVC, replacing a skylight and installing all new metal coping. In addition, we will perform Building Envelope/Roof Audits on Goggin Ice Arena, the Recreational Sports Center and Shriver Center.

The gutters and valleys have been replaced and soffit/dentil trim repair is 100% complete at Hall Auditorium. The roof has been replaced at Campus Avenue Building. The metal edge/coping work continues and is expected to be complete at the end of September. Work began in August on Wilks Conference Center and will continue to Schwarm Hall following completion at Wilks.

Delivery Method: Single Prime

Project Cost	
Design and Administration	\$251,000
Cost of Work	\$1,958,000
Contingency	\$192,000
Owner Costs	\$19,000
Total	\$2,420,000

Funding Source	
Local	\$1,406,000
State	\$1,014,000
Total	\$2,420,000

Contingency Balance: 100%
 Construction Complete: 55%
 Project Completion: December 2018

3. Shriver Center Renovations – Phase 3: (BOT Feb '18) (Previous Report – In Design)

Christian

Shriver Center Phase 3 has been created to relocate the Maplestreet Station Starbucks to the lower level of the Shriver Center. The relocation will result in a larger Starbucks with an additional 25 seats over the Maplestreet location. The work will be broken into two bid packages. To optimize the schedule on very long lead items, Bid Package 1 will be an early-release to cover the exterior cut stone, structural steel and storefront. Bid Package 2 encompasses the interior work and exterior hardscape and landscape.

Demolition began August 13. Preparation for installing structural steel in the new opening in the south wall is approximately 50% complete. Interior framing has begun and is approximately 10% complete.



Project Cost	
Design and Administration	\$67,500
Cost of Work	\$952,176.85
Contingency	\$81,323.15
Owner Costs	\$149,000
Total	\$1,250,000

Funding Source	
Local	\$1,250,000
Total	\$1,250,000

Contingency Balance: 100%
 Construction Complete: 10%
 Project Completion: December 2018

4. Swing Hall Deconstruction: (BOT Feb '17)

Christian

This project will deconstruct Swing Hall and restore lawn and landscape to the site, pending future development.

The building has been removed, debris hauled away, and the foundation backfilled and rough graded. Work remaining includes landscaping and replacement of the sidewalks on the Tallawanda Avenue side of the site.



Delivery Method: Construction Manager at Risk

Project Cost	
Design and Administration	\$63,850
Cost of Work	\$1,419,009
Contingency	\$142,000
Owner Costs	\$0
Total	\$1,624,859

Funding Source	
Local	\$1,624,859
Total	\$1,624,859

Contingency Balance: 100%
 Construction Complete: 90%
 Project Completion: October 2018

**IN DESIGN
(Pre-Contract)**

1. Stanton Hall Renovation:

Heflin

This project will renovate Stanton Residence Hall as a continuation of the 2010 Long Range Housing Master Plan. Stanton Hall will receive an upgrade in the mechanical systems, fire suppression, energy efficiency, and minor interior renovations. The design includes improvements in the heating, cooling, electrical, life safety systems and building envelope. The renovation extends the life of the facility.

The project is in the Design Development Phase. Construction documents are anticipated in late January 2019. Construction will commence in June 2019.

Delivery Method: Design-Build
Proposed Budget: \$18,000,000
Desired Start: May 2019
Desired Completion: August 2020

Funding Source	
Bond Funds	\$1,500,000
Local	\$16,500,000
Total	\$18,000,000

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**IN PLANNING
(Pre-A&E)**

1. Hamilton Campus – Knightsbridge Building Renovation:

This project will provide for the renovation of the recently acquired 23,500 square feet Richard Allen Academy building located on the Hamilton Campus at the intersection of Knightsbridge Drive and University Boulevard in Hamilton. A facility assessment to be used in developing program and renovation cost has been completed. The assessment has identified the need for mechanical/electrical upgrades as part of the renovation, reporting approximately \$4,000,000 in probable cost. A recent professionally-prepared campus space plan is contributing to the programmed scope of this project.

Planning is underway to align the campus space requirements, academic priorities, and existing facilities condition/needs.

Proposed Budget: TBD
 Desired Start: TBD
 Desired Completion: TBD

Funding Source	
TBD	TBD
Total	TBD

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COMPLETED PROJECTS

1. **Minnich and Scott Halls Renovations:** (BOT Feb '17)

Heflin

This project renovated two co-located residence halls in the Central Quad. Selection of these two residence halls aligns with progress on implementing the Utility Master Plan. The Minnich and Scott Hall programs included five new sorority suites and 252 student beds in each building. Exterior improvements were completed providing new accessible entrances on both the east and west sides of the each building. All rooms have central air and new mechanical systems.

The project was substantially complete on July 9, 2018. Sororities and staff moved into their respective spaces on August 1.



Delivery Method: Design-Build

Project Revenue	
Design and Administration	\$3,927,000
Cost of Work	\$40,345,000
Contingency	\$3,636,000
Owner Costs	\$2,092,000
Total	\$50,000,000

Project Expense	
Design and Administration	\$2,609,608
Cost of Work	\$36,485,054
Contingency	\$0
Owner Costs	\$1,256,721
Total	\$40,351,383

Est. Contingency Balance Returned: \$3,636,000
 Est. Contingency Balance Returned, Percent of Total: 100%
 Est. Bid Savings / VE Returned: \$6,012,617
 Est. Final Total: \$9,648,617

2. New Residence Hall – North Quad Tennis Court Site: (BOT Jun '16)

Christian

The site at the location of the varsity tennis courts was one of four sites originally identified in the Master Plan. This site took advantage of utilities being upgraded in the recent renovation of the North Quad. The residence hall accommodates approximately 350 beds. Exterior improvements coincided with the North Campus District Landscape Improvements project, creating a seamless transition from the new construction site to the district. The project is complete and the building is occupied.



Delivery Method: Construction Manager at Risk

Project Revenue	
Design and Administration	\$3,085,625
Cost of Work	32,765,162
Contingency	\$1,731,713
Owner Costs	\$917,500
Total	\$38,500,000

Project Expense	
Design and Administration	\$2,820,506
Cost of Work	\$30,673,469
Contingency	\$261,963
Owner Costs	\$893,781
Total	\$34,649,719

Est. Contingency Balance Returned: \$1,469,750
 Est. Contingency Balance Returned, Percent of Total: 85%
 Est. Bid Savings / VE Returned: \$2,380,531
 Est. Final Total: \$3,850,281

3. **New Residence Hall – North Quad Withrow Court Site:** (BOT Jun '16)

Christian

The site at the location of Withrow Court was one of four sites originally identified in the Master Plan. The residence hall accommodates approximately 270 beds. This project incorporated design elements from Withrow Court including replicating the cupola and salvaging selected stone elements for re-use on the main entrance. The project’s hardscape and landscape were designed to connect with the larger district landscape plan executed as a separate project. The residence hall includes a Starbucks Coffee store in the lower level. The project is complete and the building is occupied.



Delivery Method: Construction Manager at Risk

Project Revenue	
Design and Administration	\$2,688,750
Cost of Work	\$31,027,500
Contingency	\$2,441,250
Owner Costs	\$842,500
Total	\$37,000,000

Project Expense	
Design and Administration	\$2,725,462
Cost of Work	\$31,894,532
Contingency	\$1,320,910
Owner Costs	\$1,059,096
Total	\$37,000,000

Est. Contingency Balance Returned: \$0
 Est. Contingency Balance Returned, Percent of Total: 0%
 Est. Bid Savings / VE Returned: \$0
 Est. Final Total: \$0

4. **North Campus District Landscape Improvements:** (BOT Jun '17)

Christian

The North Campus Landscape Improvements project encompassed the hardscape and landscape between Benton Hall, the North Quad residence halls, and Withrow Lane from the North Campus Garage east to Patterson Avenue. This project eliminated vehicular traffic from Withrow Lane north to Tallawanda Road in favor of a pedestrian-oriented landscape consistent with other quads on the Oxford campus. The project improved the quality and safety of the pedestrian nature of this area of the campus. The project is complete.



Delivery Method: Construction Manager at Risk

Project Revenue	
Design and Administration	\$547,245
Cost of Work	\$3,984,975
Contingency	\$267,780
Owner Costs	\$200,000
Total	\$5,000,000

Project Expense	
Design and Administration	\$547,245
Cost of Work	\$3,727,896
Contingency	\$0
Owner Costs	\$0
Total	\$4,275,141

Est. Contingency Balance Returned: \$267,780
 Est. Contingency Balance Returned, Percent of Total: 100%
 Est. Bid Savings / VE Returned: \$457,079
 Est. Final Total: \$724,859

5. **Shriver Center Renovations – Phase 2:** (BOT Dec '16)

Christian

Phase 2 of the Shriver Center Renovations included improvements to the retail spaces in the lower level, installation of the package center and dock expansion, Access MU Center (an IT function), main entrance/vestibule modifications, Dolibois Rooms renovations and stairwell renovations. The project is now complete.



Delivery Method: Construction Manager at Risk

Project Revenue	
Design and Administration	\$917,000
Cost of Work	\$6,855,000
Contingency	\$480,000
Owner Costs	\$1,248,000
Total	\$9,500,000

Project Expense	
Design and Administration	\$917,000
Cost of Work	\$6,855,000
Contingency	\$480,000
Owner Costs	\$1,248,000
Total	\$9,500,000

Est. Contingency Balance Returned: \$0
 Est. Contingency Balance Returned, Percent of Total: 0%
 Est. Bid Savings / VE Returned: \$0
 Est. Final Total: \$0

6. **Tunnel Top Replacement - Phase 3: Billings to High Street:** (BOT Dec '17)

Christian

This project replaced the tunnel tops along Tallawanda Avenue from Billings Hall to High Street. The project completed the tunnel top replacement along Tallawanda that was begun in the spring of 2016 under the North Quad Residence Halls Renovations project. The project is complete.



Delivery Method: Construction Manager at Risk

Project Revenue	
Design and Administration	\$252,500
Cost of Work	\$2,043,132
Contingency	\$484,368
Owner Costs	\$20,000
Total	\$2,800,000*

Project Expense	
Design and Administration	\$252,500
Cost of Work	\$2,002,640
Contingency	\$0
Owner Costs	\$20,000
Total	\$2,275,140

*Corrected from the May 17, 2018 report. The May report incorrectly stated the actual project expense shown above instead of the budget reflecting the resolution approved by the Board of Trustees.

Est. Contingency Balance Returned: \$484,368
 Est. Contingency Balance Returned, Percent of Total: 100%
 Est. Bid Savings / VE Returned: \$40,492
 Est. Final Total: \$524,860

7. Upham Hall Classroom Upgrades 2018:

Russell

This project was to create a large SCALE-UP (Student-Centered Active Learning Environment for Undergraduate Programs) computer classroom laboratory for updating pedagogy and expanding instructional space. The project also updated digital writing classroom for English and IMS (Interactive Media Studies). Existing office and service areas were replaced by these classrooms. Inefficient office areas nearby were renovated to provide new, efficient office and service areas.

Delivery Method: Construction Manager at Risk

Project Revenue	
Design and Administration	\$71,871
Cost of Work	\$796,054
Contingency	\$45,000
Owner Costs	\$287,075
Total	\$1,200,000

Project Expense	
Design and Administration	\$83,721
Cost of Work	\$770,541
Contingency	\$45,000
Owner Costs	\$238,765
Total	\$1,138,027

Est. Contingency Balance Returned: \$0

Est. Contingency Balance Returned, Percent of Total: 0%

Est. Bid Savings / VE Returned: \$61,973

Est. Final Total: \$61,973

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Projects Between \$50,000 and \$500,000

Project	Budget
Airport Infrastructure Improvements	\$205,000
Airport Pavement Repair 2017	\$230,000
Airport Ramp Safety Area Grading Project	\$128,320
Armstrong Student Center – Stair Tread Replacement	\$112,380
Art Building – Classrooms 016, 020, 022 Renovations	\$361,220
Art Building – Flat Roof Replacement	\$192,000
Art Building – Gutters and Downspouts	\$350,000
Art Building – Room 148 Refresh	\$53,000
Art Museum – Wood Truss Repairs	\$50,000
Benton Hall – Technology and Classroom Upgrade	\$97,625
Boyd Hall – Fashion Design Studio	\$105,375
Brandon Hall – HVAC Upgrades	\$499,090
Campus Avenue & North Campus Garage – Water Infiltration Repairs	\$215,000
Campus Deal Tree Removal 2018	\$200,000
Campus Emergency Responder Radio Coverage System Upgrades	\$470,000
Center for Career Exploration & Success Renovation	\$241,300
Center for Performing Arts – Basement Renovation	\$227,540
Center for Performing Arts – Water Infiltration Mediation	\$500,000
Cole Service Building – Purchasing Renovation 2018	\$499,689
Collins Hall – HVAC Upgrades	\$359,677
Dennison Hall – HVAC Upgrades	\$500,000
E & G Buildings – LED Retrofits 2017	\$142,460
E & G Buildings – LED Retrofits 2018	\$350,000
E & G Buildings – Relamping	\$350,000
Emergency Phones Phase II	\$465,000
Engineering Workshop at Former Recycling Center	\$275,000
Farmer School of Business – East Breezeway Roof Trim	\$120,000
Farmer School of Business – Exterior Entrance Door Repairs	\$500,000
Field Hockey Field Upgrades	\$90,000
Goggin Ice Center – A Pad RGB Lighting Addition	\$188,100
Goggin Ice Center – Lighting Control Replacement	\$210,900
Gross Family Athlete Development Center – One Stop	\$100,000
Hall Auditorium – Fire Alarm Upgrade	\$100,000
Hall Auditorium – Stage Lighting LED Replacement	\$125,000
Harrison Hall – Classroom Upgrades	\$459,000
Hepburn Hall – HVAC Upgrades	\$500,000
Hiestand Hall – Room 100 Renovation	\$183,125
Hiestand Hall - Room 200 - Lab Refresh and Update	\$75,000
HUB Quad Engraved Brick Replacement	\$145,500
Hughes Hall – 4 th Floor Offices	\$500,000
Hughes Hall – Rooms 143/158 Renovations	\$154,000
Hughes Hall - Still Replacement	\$160,000
King Library – Esporting	\$52,225
King Library – Howe Writing Center	\$60,300
Lewis Place – Exterior repairs	\$250,000

Maplestreet Station – Chimney Modifications	\$70,000
Marcum Conference Center – Phase 2 Building Window Replacement	\$140,000
McGuffey Hall – Renovation 2018	\$498,000
McGuffey Hall – Room 127 Renovation	\$72,400
Millett Hall – Basketball Locker Room Upgrade	\$200,000
Millett Hall – Room 063 Map Room	\$88,100
Millett Hall – Room 074 ROTC Locker Room Renovation	\$58,625
Morris Hall – 2018 MEP Improvements	\$57,000
North Chiller Plant – Automate Chemical Monitoring and Dosing	\$85,000
North Chiller Plant – Side-Steam Filtration for Condenser Water	\$115,000
North Chiller Plant – Upgrade Siemens BAS Panels	\$70,000
North & East Quad Smoke Detector Upgrades	\$102,490
Pearson Hall – Room 367J Lab Renovation	\$200,000
Phillips Hall – Exterior Door Replacement	\$50,000
Recreational Sports Center – Envelope Evaluation	\$145,000
Recreational Sports Center – Exterior Repairs	\$105,000
Recreational Sports Center – Exterior Sealant Replacement	\$90,000
Recreational Sports Center – HVAC Control Upgrades	\$250,000
Recreational Sports Center – Lightning Protection	\$50,000
Regional Campuses – Classroom AV Tech Upgrades	\$250,000
Regional Campuses – Facilities Assessment	\$142,300
Roudebush Hall – Office Upgrade 2018	\$75,000
Steam Plant – Generator Controls Upgrade	\$214,900
Stillman-Kelley Studio Rehabilitation for The Haven	\$478,000
Switch House 6 to Switch House 7 Circuit Reconfiguration	\$100,000
Symmes Hall – HVAC Upgrades	\$498,982
Tappan Hall – 2018 MEP Improvements	\$59,500
UEA Plant Security Upgrades	\$500,000
Upham Hall – New Domestic and Fire Service	\$450,000
Upham Hall – Room 209 Renovation	\$66,990
Western Campus – Alumnae Legacy Project	\$350,000
Williams Hall – Renovation 2018	\$338,200
Williams Hall – TV Studio Lighting & Controls Retrofit	\$285,000
Yager East Stands Masonry Repairs	\$200,000
Yager West – Field Hockey Locker Room Upgrade	\$225,000
Yager West – Motion Capture Room	\$75,000
Yager West Stands Fire Alarm Upgrade	\$100,000

Projects Closed Between \$50,000 and \$500,000

Project	Original Budget	Returned Funds
Anderson Hall – Room Ventilation Improvements	\$491,500	\$41,925
Farmer School of Business Rooms 0025/103C A/V Digital Upgrades	\$203,370	\$76,140
King Library/Bishop Hall – Sanitary Main Replacement	\$71,220	\$525
Laws Hall – Innovation Lab Renovation	\$195,000	\$575
Millett Hall – Interior Renovations	\$200,000	\$37,625
North Chiller Plant – Rebuild Chiller 5 Pumps and Motors	\$70,000	\$12,288
Peabody Hall – Domestic Hot Water Mixing Valve Replacement	\$70,000	\$31,787
Yager Detention Pond Remediation	\$60,000	\$945

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Glossary of Terms

Construction Manager at Risk (CMR) – is a delivery method which entails a commitment by the construction manager to deliver the project within a Guaranteed Maximum Price (GMP). The owner contracts the architectural and engineering services to perform the design from concept through construction bid documents using the construction manager as a consultant. The construction manager acts as the equivalent of a general contractor during the construction phase. CMR arrangement eliminates a "Low Bid" construction project. This method will typically be used on projects with high complexity and demanding completion schedules.

Contingency – includes both owner contingency and the D/B or CMR contingency where applicable.

Cost of the Work – is the cost of construction. This includes general condition fees, contractor overhead and profit, D/B or CMR construction stage personnel.

Design & Administration – includes all professional services to support the work. This consists of base Architect/Engineer (A/E) fees, A/E additional services, A/E reimbursables, non-error/omission A/E contingency fees, geotechnical services, special inspection services partnering services, multi-vista photo documentation of projects, D/B or CMR pre-construction services, third party estimator, and local administration fees.

Design Build (D/B) – is a project delivery method in which the design and construction services are contracted by a single entity and delivered within a Guaranteed Maximum Price (GMP). Design Build relies on a single point of responsibility contract and is used to minimize risks for the project owner and to reduce the delivery schedule by overlapping the design phase and construction phase of a project. This method will typically be used on projects with less complexity and have demanding completion schedules.

Guaranteed Maximum Price (GMP) – is the negotiated contract for construction services when using D/B or CMR. The owner negotiates a reasonable maximum price for the project (or component of the project) to be delivered within the prescribed schedule. The D/B firm or CMR is responsible for delivering the project within the agreed upon GMP. This process eliminates bidding risks experienced by the owner, allows creative value engineering (VE) to manage the budget, and permits portions of the work to begin far earlier than traditional bidding of the entire project.

Multiple Prime Contracting – is a project delivery method historically allowed by the State of Ohio. The owner contracts the architectural and engineering services to perform the design from concept through construction bid documents. The construction services are divided into various trade specialties – each bid as a separate contract (general, plumbing, mechanical, electrical, sprinkler, etc.). The owner is responsible for managing the terms of each contract and coordinating the work between the multiple contractors.

Owner Costs – are costs directly borne by the owner to complete the project. This includes furniture, fixtures, and equipment (FF&E), audio/visual (A/V), IT networking, percent for art (applicable on State funded projects exceeding \$4 million), printing and advertising expenses, and any special moving or start-up funds.

Preconstruction Services – are the development and design services provided by a D/B firm or CMR to the owner. These services are typically performed for an identified cost prior to the negotiation of a GMP. These services are included in "Design and Administration."

Single Prime Contracting – is a project delivery method in which the owner contracts the architectural and engineering services to perform the design from concept through construction bid documents. The construction services are contracted separately, but through a single entity. Single Prime Contracting is beneficial on projects with specialized construction requiring more owner oversight or control. This method will typically be used on projects with high complexity and low schedule importance.

RESOLUTION R2019-

WHEREAS, pursuant to the October, 2015 Report of The Ohio Task Force on Affordability and Efficiency (hereinafter the Task Force Report), Miami University conducted an assessment of its non-core assets and

WHEREAS, it has long been the practice of Miami University to invest in strategically located real property and to hold such property in trust pursuant to Ohio Revised Code 3345.16; and

WHEREAS, the University owns a property located at the corner of Elm Street and Walnut Street (hereinafter the Property) that is currently vacant and is in need of significant repair; and

WHEREAS, in accordance with the Task Force Report, the University appraised the real property and building consisting of approximately 1.8 acres to establish the value for the Property; and

WHEREAS, the University has received an offer to purchase the Property and said offer is in excess of the appraised value of the Property;

NOW THEREFORE, BE IT RESOLVED: that the Board of Trustees hereby approves and authorizes the sale of the Property and approves the contract for the sale of the Property attached hereto as Exhibit A

BE IT FURTHER RESOLVED: that the Board of Trustees authorizes and directs the Senior Vice President for Finance and Business Services and Treasurer to take all such actions, which he determines to be reasonably necessary or appropriate, to consummate the sale of the Property.

Real Estate Purchase and Sale Agreement

This Real Estate Purchase and Sale Agreement (“**Agreement**”) is made and entered into as of this ____ day of June, 2018 (“**Effective Date**”), by and between Opus Development Company, L.L.C., a Delaware limited liability company, or its assignee or nominee (“**Purchaser**”), and Miami University, Oxford, Ohio, a body politic and corporate organized under the laws of the State of Ohio (“**Seller**”).

Recitals

A. Seller is the owner in fee simple of a parcel of real estate consisting of seven lots, H4000004000011, H4000004000012, H4000004000018, H4000004000019, H4000004000020, H4000004000021 and H4000004000022 (“**Land**”), which consists of approximately 1.8 acres of vacant land and is located at the corner of Elm Street and Walnut Street, Oxford, Ohio. The Land is legally described on Exhibit A attached hereto and made a part hereof.

B. Seller desires to sell all of the Land, together with all easements and appurtenances and all estates and rights of Seller, in, to and with respect to the Land (and each portion thereof) and any and all improvements thereon (collectively, “**Property**”), to Purchaser, and Purchaser desires to purchase the Property from Seller, upon and subject to all of the terms and conditions of this Agreement.

Agreements

Now, therefore, for and in consideration of the foregoing Recitals, the mutual covenants and conditions set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Purchaser and Seller agree as follows:

1. Incorporation of Recitals. The foregoing Recitals are hereby incorporated into and made a part of this Agreement, as if fully set forth herein.

2. Agreement to Sell and Purchase Property; Purchase Price and Payment of Purchase Price; Earnest Money.

(a) Agreement to Sell and Purchase Property. Seller will sell the Property to Purchaser, and Purchaser will purchase the Property from Seller, at the price and on and subject to the terms, provisions and conditions of this Agreement.

(b) Purchase Price and Payment of Purchase Price. Subject to prorations and adjustments provided herein, Purchaser will pay to Seller a purchase price for the Property (“**Purchase Price**”) equal to \$2,200,000.00. The Purchase Price will be payable, by wire transfer or otherwise in immediately available funds, as follows:

(i) Within five business days after the Effective Date, Purchaser will deposit \$25,000.00 as earnest money (“**Initial Earnest Money**”) into an escrow at the downtown Minneapolis, Minnesota office of First American Title Insurance Company (“**Title Company**”), as escrow agent, in accordance with Sections 2(c) and 8(a) hereof. The Initial Earnest Money, together with the deposit of Additional Earnest Money (as such term is defined in Section 3(c) hereof) that Purchaser may make under Section 3(c) hereof, are herein together called the “**Earnest Money**.”

(ii) At the Closing (as such term is defined in Section 4 hereof), (A) all of the Earnest Money will be applied to and credited against the Purchase Price and paid to Seller; (B) all interest earned on the Earnest Money, if any, will be credited against the Purchase Price for the benefit of Purchaser; and (C) Purchaser will pay to Seller the balance of the Purchase Price (*i.e.*, the Purchase Price, less the Earnest Money and all interest thereon), plus or minus adjustments and prorations hereunder.

(c) Earnest Money. The Earnest Money will be deposited in escrow with the Title Company in accordance with the provisions of Section 8(a) hereof. At Purchaser's option, Seller and Purchaser will direct the Title Company to invest such funds in an interest bearing account. All interest earned on the Earnest Money will be credited or paid to Purchaser at the same time as the Earnest Money itself is credited or paid to or for the benefit of Purchaser hereunder.

3. Inspections; Due Diligence; Purchaser Termination Rights.

(a) Delivery of Due Diligence Materials. Within 15 days after the Effective Date, Seller will deliver to Purchaser copies of any and all documents, reports, studies, tests, engineering drawings, surveys and other similar pertinent materials that Seller has in its possession or access to, if any, that relate to the Property, including all such materials in Seller's possession, if any, pertaining to Governmental Approvals (as such term is defined in Section 3(b) hereof) (collectively, "**Due Diligence Materials**"). In addition, Seller will promptly deliver to Purchaser all Due Diligence Materials, if any, that come into the possession of Seller hereafter. In the event that the Closing hereunder shall not occur for any reason whatsoever, Purchaser shall promptly return to Seller or destroy all hard copies of all Due Diligence Materials delivered by Seller to Purchaser.

(b) Intended Uses. Purchaser contemplates acquiring the Property and certain other property (the "**Additional Properties**") for the purpose of re-developing it for purpose-built student housing and related uses (collectively, "**Intended Uses**"). From the Effective Date through the Closing Date (as such term is defined in Section 4 hereof), and subject to this Section 3, Seller hereby grants to Purchaser, and its consultants, contractors, agents, employees and representatives, access to all of the Property for the purpose of, and will cooperate fully in all reasonable respects in connection with, Purchaser's conducting (either itself or through its consultants, contractors, agents, employees and representatives) such tests, inspections and investigations with respect to the Property as Purchaser deems appropriate in its sole and absolute discretion (collectively, "**Investigations**"); provided that Purchaser and Purchaser's representatives shall not be permitted to conduct environmental testing borings or drilling of the Property, or any other invasive testing, in connection with the preparation of an environmental audit of the Property without the prior written consent of Seller, which consent may be withheld in the sole discretion of the Seller. Purchaser shall schedule and coordinate all Investigations of the Property or other access thereto with Seller and shall give Seller at least five (5) business days prior notice thereof. Seller shall be entitled to have a representative present at all times during any and all Investigations. Purchaser shall promptly repair and restore any damage or disturbance which Purchaser or Purchaser's representatives shall cause to the Property related to the Investigations. All inspection fees, appraisal fees, engineering fees and other costs and expenses of any kind incurred by Purchaser or Purchaser's representatives relating to the Investigations shall be at the sole expense of Purchaser. In addition to the Investigations on the Property, Purchaser may investigate and obtain all approvals in order to satisfy and comply with all requirements for all zoning and other entitlements, all governmental approvals and permits including without limitation, all wetlands-related approvals and all other approvals from the U.S. Army Corps of Engineers and from similar state and local authorities and agencies, all zoning, and other land use approvals and tax abatement benefits, and other similar items in connection with the development of the Property (and the Additional Properties) for the Intended Uses (collectively, "**Governmental Approvals**"). Purchaser will indemnify and hold harmless Seller from and against any damages or claims for injuries to any persons or to the Property that arise as a direct result of the Investigations, except to the extent such damages or claims are due to Seller's negligence or intentional misconduct. Purchaser's indemnification and hold harmless obligations under this Section 3(b) will survive the expiration or termination of this Agreement or the Closing for a period of three months; and the Purchaser's obligation to pay to Seller the cost of repairing and restoring any damage caused by the Investigations shall survive the expiration or termination of this Agreement indefinitely.

(c) Due Diligence Date. The "**Due Diligence Date**" will be the date (the "**Initial Due Diligence Date**") that is 60 days after the Effective Date; provided, however that, (i) Purchaser, in its sole and absolute discretion, may extend the Due Diligence Date to a date (the "**First Extended Due Diligence Date**") that is the one hundred twentieth (120th) day after the Initial Due Diligence Date by delivering written notice of such extension to Seller on or before the Initial Due Diligence Date and depositing into escrow with the Title Company an additional \$50,000 as additional Earnest Money (the "**First Extension Deposit**") on or before the date that is five (5) business days after Initial Due Diligence Date; (ii) Purchaser, in its sole and absolute discretion, may further extend the Due Diligence Date to a date (the "**Second Extended Due Diligence Date**") that is the thirtieth (30th) day after the First Extended Due Diligence Date by delivering written notice of such extension to Seller on or before the First Extended Due Diligence Date and

depositing into escrow with the Title Company an additional \$10,000.00 as additional Earnest Money (the “**Second Extension Deposit**”) on or before the date that is five (5) business days after the First Extended Due Diligence Date; (iii) Purchaser, in its sole and absolute discretion, may further extend the Due Diligence Date to a date (the “**Third Extended Due Diligence Date**”) that is the thirtieth (30th) day after the Second Extended Due Diligence Date by delivering written notice of such extension to Seller on or before to the Second Due Diligence Date and depositing into escrow with the Title Company an additional \$10,000.00 as additional Earnest Money (the “**Third Extension Deposit**”) on or before the date that is five (5) business days after the Second Due Diligence Date; (iv) Purchaser, in its sole and absolute discretion, may further extend the Due Diligence Date to a date (the “**Fourth Extended Due Diligence Date**”) that is the thirtieth (30th) day after the Third Extended Due Diligence Date by delivering written notice of such extension to Seller on or before to the Third Due Diligence Date and depositing into escrow with the Title Company an additional \$10,000.00 as additional Earnest Money (the “**Fourth Extension Deposit**”) on or before the date that is five (5) business days after the Third Due Diligence Date; and (v) Purchaser, in its sole and absolute discretion, may further extend the Due Diligence Date to a date (the “**Fifth Extended Due Diligence Date**”) that is the thirtieth (30th) day after the Fourth Extended Due Diligence Date by delivering written notice of such extension to Seller on or before to the Fourth Due Diligence Date and depositing into escrow with the Title Company an additional \$10,000.00 as additional Earnest Money (the “**Fifth Extension Deposit**”) on or before the date that is five (5) business days after the Fourth Due Diligence Date. The First Extension Deposit, Second Extension Deposit, Third Extension Deposit, Fourth Extension Deposit and the Fifth Extension Deposit to the extent actually deposited are referred to herein collectively as the “**Additional Earnest Money**” and the Additional Earnest Money together with the Initial Earnest Money are referred to herein as the “**Earnest Money.**” The Due Diligence Date shall mean, as applicable, the Initial Due Diligence Date, the First Extended Due Diligence Date, the Second Extended Due Diligence Date, the Third Extended Due Diligence Date, the Fourth Extended Due Diligence Date or the Fifth Extended Due Diligence Date. If the applicable Due Diligence Date does not fall on a business day, then such Due Diligence Date will be the next business day thereafter.

(d) Purchaser Termination Rights. Anything in this Agreement to the contrary notwithstanding, Purchaser may, in its sole and absolute discretion, and for any reason or reasons or for no reason whatsoever, terminate this Agreement by delivering written notice of such termination to Seller at any time on or before the Due Diligence Date, and upon such termination, all of the Earnest Money, together with interest earned thereon shall be returned to Purchaser.

4. Closing; Closing Date. The consummation of the purchase and sale (“**Closing**”) of the Property will occur on the later of (a) the date that is five (5) business days after Seller notifies Purchaser that Seller has obtained all Seller Required Approvals (as defined in Section 12(c)(iv) of this Agreement); and (b) the date that is 30 days after the Due Diligence Date, or such earlier date as Purchaser and Seller may otherwise mutually agree in writing (such outside date is referred to herein as the “**Closing Date**”). If the scheduled Closing Date does not fall on a business day, then the Closing Date will be the next business day thereafter.

5. Title Insurance; Title Endorsements; Survey.

(a) Title Insurance. Purchaser may order, at Purchaser’s sole cost and expense, a title insurance commitment (“**Title Commitment**”) for a 2016 ALTA owners title insurance policy (“**Title Policy**”) for the Property, issued by the Title Company, showing fee simple absolute title in Seller, together with legible copies of all documents referenced in the Title Commitment. The Title Commitment will contain the commitment of the Title Company to delete the general exceptions and to insure as separate parcels any easements included as part of the Property. The Title Commitment may initially be in a nominal amount, which will be increased upon the issuance of the Title Policy to an amount equal to the Purchase Price. At the Closing, Purchaser will pay for all title premiums, including, the base Title Policy, extended coverage endorsement and for the additional endorsements desired by Purchaser; provided, however, that Seller will pay for all title premiums, if any, required to satisfy Seller’s Mandatory Cure Obligation (as such term is defined in Section 5(c) hereof).

(b) Survey. As part of its delivery of the Due Diligence Materials under Section 3(a) hereof, Seller will deliver to Purchaser a copy of the most recent (if any) existing survey of the Land that is in Seller’s possession. Purchaser may, with Seller’s full cooperation and at Purchaser’s sole cost and expense, obtain a plat of survey (“**Survey**”) of the Land, prepared by a registered land surveyor duly licensed in the State of Ohio, selected by Purchaser, and certified to Purchaser, the Title Company and Purchaser’s lender, if any, as having been prepared in

compliance with the Minimum Standard Detail Requirements for Class A Land Title Surveys established by ALTA/ACSM (NSPS) in 2016. Purchaser (at its sole cost and expense) may cause the Survey to be sufficient for the deletion of all survey-related general exceptions under the Title Commitment and to include Table A Item Nos. 1, 2, 3, 4, 6(a) (based on information to be provided by Purchaser), 6(b) (based on information to be provided by Purchaser), 7(a), 7(b)(i), 7(c), 8, 9, 11, 13, 16, 17, 18 and 20.

(c) Unpermitted Encumbrances. If the Title Commitment shows, or the Survey discloses, any matters that are objectionable to Purchaser, in its sole and absolute discretion, then Purchaser will notify Seller thereof, in writing, on or before the date that is ten days before the Due Diligence Date, specifying the matters to which Purchaser objects (collectively, **“Objectionable Matters”**). In such event, at least three business days prior to the Due Diligence Date, Seller will notify Purchaser which of the Objectionable Matters Seller has elected, in Seller’s sole and absolute discretion (subject only to Seller’s Mandatory Cure Obligation), to remove on or before the Closing. Any Objectionable Matters that have been removed on or before the Due Diligence Date (or that Purchaser has been assured will be removed on or before the Closing) will be **“Unpermitted Encumbrances.”** Any matters that are shown on the Title Commitment or disclosed on the Survey, and in each case to which Purchaser does not object as provided in this Section 5(c), will be **“Permitted Encumbrances.”** If Seller elects, in writing, not to remove one or more of the Objectionable Matters, then Purchaser may terminate this Agreement on or before the Due Diligence Date, and all of the Earnest Money, and any interest thereon, will be promptly paid to Purchaser. Anything in this Section 5(c) or elsewhere in this Agreement to the contrary notwithstanding, all mortgages, deeds of trust, deeds to secure debt, assignments of leases and rents, security agreements, financing statements, other financing-related and construction-related liens, and tax liens (other than the lien of real property taxes not yet due and payable), will conclusively be deemed to be Unpermitted Encumbrances and must be removed by Seller, at its sole cost and expense, at or before the Closing (such obligation of Seller to remove such items is herein called **“Seller’s Mandatory Cure Obligation”**).

6. Representations and Warranties of Seller; Sale of Property “As-Is”.

(a) Representations and Warranties of Seller. Seller hereby represents and warrants to Purchaser that all of the following are true and correct on and as of the Effective Date, will continue to be true and correct as of the Closing Date, and will survive the Closing and the delivery of the Deed (as such term is defined in Section 9(a)(i) hereof) for a period of six months.

- (i) Seller is a body politic and corporate validly existing under the laws of the State of Ohio. No consent of any creditors or other non-governmental parties is required for the performance of Seller’s obligations hereunder. Each individual executing this Agreement on behalf of Seller has the legal power, right and actual authority to bind Seller to the terms and conditions hereof and thereof. At Closing, this Agreement and all documents required hereby to be executed on behalf of Seller are and will be valid, legally binding obligations of and enforceable against Seller in accordance with their respective terms, subject only to applicable bankruptcy, insolvency, reorganization, moratorium laws or similar laws or equitable principles affecting or limiting the rights of contracting parties generally.
- (ii) Seller is not a party to any agreement, contract or commitment to sell, convey, let, assign, transfer, provide rights of first refusal or other similar rights with respect to, or otherwise dispose of, the Property or any portion thereof, or any interest therein or occupancy right thereto, other than this Agreement. Except for this Agreement and the Permitted Encumbrances, to the best knowledge and belief of Seller, neither Seller nor any person or entity claiming by, through or under Seller has done, suffered or permitted anything whereby any lien, claim or right of another has been created against the Property or any portion thereof, or any interest therein.
- (iii) Seller has not received notice of and, to the best of Seller’s knowledge and belief, there are no:
 - (A) condemnation or eminent domain proceedings and no negotiations for purchase in lieu of condemnation which pertain to the Property or any portion thereof, which are pending, threatened or contemplated;

- (B) violations of any law, municipal ordinance or other governmental requirement (including, without limitation, environmental or health code violations) from any governmental authority notice of respect to the Property or any portion thereof and
- (C) contemplated special assessments, tax appeals or tax classification changes relating to any of the Property or any portion thereof.

As used in this Section 6(a)(iii), "Seller's knowledge and belief" means the actual knowledge of Cody Powell, Associate VP of Facility Planning and Operations; and Jeffrey Johnson, Director of Environmental Health and Safety.

- (iv) Except as provided in Section 17(f) hereof, no leasing, sales or other broker's fees or commissions of any nature whatsoever will be or become due or owing to any person, firm, corporation or entity after the Closing Date.
- (v) There are no leases, licenses or other rights of occupancy affecting the Property and no parties other than Seller have any rights of occupancy or possession of the Property.
- (vi) To the best of Seller's knowledge and belief:
 - (A) no action, suit, claim, arbitration, litigation or other proceeding is pending or threatened against Seller related to the Property or any part thereof; and there is no basis for any action, suit, claim, arbitration, litigation or other proceeding against Seller related to the Property or any part thereof;
 - (B) the Due Diligence Materials that Seller delivers to Purchaser are true, correct and complete in all material respects;
 - (C) except for asbestos and asbestos containing materials located in the building located on the Property and except for pesticides used in the ordinary course of landscaping, no Hazardous Materials have been used, generated, manufactured, stored, treated, released or disposed of at, in, on or under the Property. The term "**Hazardous Materials**" means materials or substances, the presence of which could subject an owner or occupant to civil or criminal penalties or damages, or responsibility for clean-up of such substances including, without limitation any material or substance which is: (1) a "hazardous waste," a "toxic waste," a "hazardous substance," a "toxic substance," an "extremely hazardous waste," a "restricted hazardous waste," a "chemical substance," or a "hazardous chemical," as such terms are defined under any environmental laws, ordinances or regulations governing or controlling the Property or any portion thereof; (2) petroleum or petroleum waste including, without limitation, crude oil or any petroleum derived substance or constituent of any such petroleum substance or waste; (3) asbestos or asbestos containing materials; (4) polychlorinated biphenyl; (5) radioactive material; or (6) pesticides. However, waste products that are customarily discharged into a residential septic system are not included in the definition of Hazardous Materials; and Purchaser hereby acknowledges that the Property may contain asbestos or asbestos containing materials;
 - (D) there are no (1) orders from or agreements with any governmental authority or private party or any judicial or administrative proceedings or investigations, whether pending or threatened, respecting any environmental, health or safety requirements under federal, state or local laws or regulations relating to the Property or any portion thereof, or (2) pending, asserted or threatened claims or matters involving material liabilities, obligations or costs arising from the

existence, release or threatened release of any Hazardous Materials at, on, under or within 100 feet of any of the Property; and

- (E) neither Seller nor anyone claiming by, through or under Seller has committed or permitted any waste or nuisance upon the Property or any portion thereof.

The accuracy of the foregoing representations and warranties (to a material degree) will be a condition to Purchaser's obligations under this Agreement. If any of the foregoing representations or warranties is untrue in any material respect, and is not cured (at no cost to Purchaser) prior to the scheduled Closing, then Purchaser may elect, in its sole and absolute discretion, (1) to purchase the Property as it then is; or (2) to terminate this Agreement and receive a refund of all of the Earnest Money and any interest thereon paid hereunder. Further, if the matter that gives rise to the failure of the representations or warranties to materially conform to the requirements of this Agreement was caused by Seller, then Purchaser's rights set forth in the immediately preceding sentence will be in addition to, and not in lieu of, any other rights and remedies available to Purchaser for default by Seller under this Agreement.

As used in this Section 6(a)(vi), "Seller's knowledge and belief" means the actual knowledge of Cody Powell, Associate VP of Facility Planning and Operations; and Jeffrey Johnson, Director of Environmental Health and Safety.

(b) Sale of Property "As-Is". EXCEPT FOR SELLER'S REPRESENTATIONS AND WARRANTIES IN SECTION 6(a) HEREOF, (I) TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW AND THIS SALE IS MADE AND WILL BE MADE WITHOUT REPRESENTATION, COVENANT OR WARRANTY OF ANY KIND (WHETHER EXPRESS, IMPLIED, OR, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, STATUTORY) BY SELLER; AND (II) AS A MATERIAL PART OF THE CONSIDERATION FOR THIS AGREEMENT, PURCHASER AGREES TO ACCEPT THE PROPERTY AT CLOSING ON AN "AS IS" AND "WHERE IS" BASIS, WITH ALL FAULTS AND ANY AND ALL LATENT AND PATENT DEFECTS, AND WITHOUT ANY REPRESENTATION OR WARRANTY, ALL OF WHICH SELLER HEREBY DISCLAIMS.

7. Representations and Warranties of Purchaser. Purchaser hereby represents and warrants to Seller that: all requisite action (as required under its organizational governance documents, or by applicable law) has been taken by Purchaser in connection with entering into this Agreement and the instruments referenced herein, and the consummation of the transaction contemplated hereby. No consent of any creditors, partners, members, directors, officers or shareholders, judicial or administrative bodies, governmental or quasi-governmental authorities, or other parties is required for the performance of Purchaser's obligations hereunder. Each individual executing this Agreement and the instruments referenced herein on behalf of Purchaser has the legal power, right and actual authority to bind Purchaser to the terms and conditions hereof and thereof. This Agreement and all documents required hereby to be executed on behalf of Purchaser are and will be valid and legally binding obligations of, and enforceable against, Purchaser in accordance with their respective terms, subject only to applicable bankruptcy, insolvency, reorganization, moratorium laws or similar laws or equitable principles affecting or limiting the rights of contracting parties generally.

8. Escrow; Gap Closing.

(a) Earnest Money Deposit. Purchaser will deposit the Earnest Money with the Title Company as escrowee, using commercially reasonable joint order escrow instructions. The Earnest Money will be held by the Title Company in escrow in an interest bearing account (if Purchaser so requests) and will be disposed of only in accordance with the provisions of the aforesaid escrow instructions.

(b) Gap Closing. The Closing hereunder will be a "gap" closing with the Title Company as escrowee, in accordance with the general provisions of the usual form of "gap" escrow agreement then in use by the Title Company, with such special provisions inserted in the escrow agreement as may be required to conform with this Agreement and subject to the terms of a separate money lender's escrow, if any ("**Closing Escrow**"), and further in accordance with any customary, written escrow closing instructions of Seller or Purchaser or their respective attorneys. Seller and Purchaser hereby authorize their respective attorneys to sign the Closing Escrow agreement on behalf of their respective clients. The Purchase Price will be deposited in the Closing Escrow, and the payment thereof and the delivery of the Deed will be made through the Closing Escrow. The Closing will be concluded by use of "gap

undertakings” furnished by the Title Company and executed by Seller, so that (i) the Title Company is prepared, at the Closing, to issue the Title Policy, insuring Purchaser’s fee simple absolute title to the Property in the amount of the Purchase Price and subject only to the Permitted Encumbrances, and (ii) the Purchase Price, plus or minus prorations or adjustments provided for herein, may be disbursed prior to recording and a later date title search. The cost of the Closing Escrow will be divided equally between Seller and Purchaser.

9. Closing. Provided that all conditions of closing hereunder have been satisfied, the Closing will occur at the offices of the Title Company on the Closing Date (neither Seller nor Purchaser nor their respective attorneys will be required to attend in person). Purchaser will pay ½ of the escrow fees, title and survey costs and recording charges, and its own attorneys’ fees and costs in connection with this Agreement and the Closing. Seller will pay ½ of the escrow fees, the costs associated with any title endorsements obtained to cure any title defect that is a part of Seller’s Mandatory Cure Obligation, all state, county and municipal transfer fees and taxes, and all of its own attorneys’ fees and attorneys’ costs in connection with this Agreement and the Closing. All other closing costs shall be borne by the party customarily responsible therefor in the county in which Property is located. On the Closing Date (or earlier, if so required by the Closing Escrow agreement):

- (a) Seller’s Deliveries. Seller will execute and deliver the following to the Title Company for delivery to Purchaser on the Closing Date:
- (i) Seller’s limited warranty deed (“**Deed**”) in a commercially reasonable and recordable form sufficient to convey to Purchaser fee simple absolute title to the Property, subject only to the Permitted Encumbrances;
 - (ii) Seller will pay the amount of the conveyance fee and transfer tax imposed by Ohio and/or Butler County, which amount shall be deducted from Seller’s proceeds at Closing;
 - (iii) A closing statement signed by Seller;
 - (iv) An owner’s affidavit duly executed and acknowledged by Seller and sufficient to delete the non-survey-related general exceptions in the Title Policy and otherwise provide for extended coverage;
 - (v) A “FIRPTA” affidavit conforming to the requirements of Section 1445 of the Internal Revenue Code of 1986, as amended, and the regulations applicable thereto, and if Seller fails to furnish such FIRPTA affidavit, Purchaser may withhold from the Purchase Price an amount sufficient to comply with the provisions of such Section;
 - (vi) A certificate from Seller that all of Seller’s representations and warranties set forth in this Agreement are true and correct in all material respects as of the Closing Date, to the same extent as if the reference date were the Closing Date; provided, however, to the extent the facts and circumstances underlying such representations and warranties may have changed as of the Closing Date, Seller shall have the right to update its representations and warranties as of the Closing Date, provided that the accuracy of such representations and warranties in all material respects as initially made hereunder shall remain a condition to Purchaser’s obligations as provided in Section 12 below; and
 - (vii) Such other documents as may be necessary or proper to comply with this Agreement or required (by the Title Company or otherwise) to carry out its terms.
- (b) Purchaser’s Deliveries. Purchaser will execute and deliver the following to the Title Company for delivery to Seller on the Closing Date:

- (i) The balance of the Purchase Price (*i.e.*, after taking into account credits for both the Initial Earnest Money and, if and to the extent applicable, the Additional Earnest Money), plus or minus prorations provided for herein, by wire transfer or otherwise in immediately available funds;
- (ii) Appropriate transfer tax or other similar declarations, executed by Purchaser or Purchaser's agent in the form required pursuant to applicable law;
- (iii) A closing statement signed by Purchaser or Purchaser's agent; and
- (iv) Such other documents as may be necessary or proper to comply with this Agreement or required to carry out its terms.

10. Prorations; General Real Estate Taxes.

(a) Prorations. At the Closing, general real estate taxes for the Property will be prorated as of the applicable Closing Date. If taxes for any period subject to proration are not ascertainable on the Closing Date, the tax prorations for such period shall be calculated on the basis of 110% of the then most recent ascertainable tax bill; provided, however, that within 30 days after the actual tax bill or bills for the applicable period or periods are available, the parties will re-prorate general real estate taxes on the basis of such actual bill or bills. This re-proration obligation will survive the Closing and the delivery of the Deed.

(b) Pending Tax Contests. From and after the Effective Date, Seller will not withdraw, settle or otherwise compromise any protest or reduction proceeding affecting real estate taxes assessed against the Property or any portion thereof, without the prior written consent of Purchaser, which consent will not be unreasonably withheld, conditioned or delayed. Real estate tax assessment reductions, tax refunds and credits received after the Closing Date, which are attributable to the tax year during which the Closing Date occurs, will be prorated between Seller and Purchaser, which obligation will survive the Closing and delivery of the Deed.

11. Development Matters.

(a) Cooperation. From and after the Effective Date, Seller will, at the request of Purchaser and without any out-of-pocket cost to Seller, provide reasonable cooperation with Purchaser (including, without limitation, joining in the execution of applications) in connection with:

- (i) applications and agreements relating to Governmental Approvals, including zoning, site plan, subdivision, utility and other development matters, including, without limitation, easements, rights-of-way, and proofs of dedication necessary to permit the development of the Property in accordance with the Intended Uses;
- (ii) any requirements of any state or federal government, or any agency thereof, or any public utility, relating to the development of the Property or any portion thereof in accordance with the Intended Uses; and
- (iii) the re-platting of the Land as a separate and distinct parcel.

(b) No Agreements. Seller will not make any agreements with, or grant rights to any other party, governmental or private, which will prevent or limit the right of Purchaser, or its lessees, invitees, successors or assigns, to use the Property or to obtain any such consents or approvals for or in connection with the Intended Uses. The foregoing covenant will survive the Closing and the delivery of the Deed.

12. Conditions of Closing.

(a) Purchaser's Closing Conditions. The obligation of Purchaser to consummate the transaction hereunder is expressly subject to and contingent upon the occurrence of each and every one of the following (any one or more of which Purchaser may waive, in its sole and absolute discretion, by written notice to Seller):

(i) Purchaser or the Title Company, as applicable, will have received the items set forth in Section 9(a) hereof.

(ii) The Title Company will be prepared to issue the Title Policy, dated as of the Closing Date and showing fee simple title in Purchaser, subject only to the Permitted Encumbrances, and containing the extended coverage and the endorsements required pursuant to Sections 5(a) and 5(b) hereof.

(iii) All representations and warranties of Seller in Section 6(a) will be true and correct in all material respects as of the Closing Date.

(iv) Purchaser will not have received any notice that (A) the Property or any portion thereof was ever used for the treatment, transportation, storage, handling or disposal of any Hazardous Materials, (B) the Property or any portion thereof has ever appeared on any federal or state registry of inactive hazardous waste site, or (C) there has been any notice or claim from the federal or any state government concerning the release or alleged release of Hazardous Materials at the Property or any portion thereof.

(v) There will not have been any material adverse change in the physical condition or characteristics of, the condition of title of, or otherwise with respect to the Property, including, without limitation, any material adverse change in the ability to use or develop the Property for the Intended Uses.

(vi) Seller will have complied with all material terms, provisions and conditions of this Agreement.

(vii) Seller will have delivered written notice to Purchaser that Seller has obtained all of Seller's Required Approvals.

(b) Purchaser's Right to Terminate. In the event any of the foregoing conditions has not been fulfilled or expressly waived in writing by Purchaser, subject to Seller's cure rights under Section 13(a) hereof, Purchaser may terminate this Agreement by giving written notice to Seller on or before the Closing Date. In the event of any such termination, the Earnest Money and any interest thereon will be promptly paid to Purchaser. Nothing in this Section 12(b) will limit Purchaser's other remedies under this Agreement and otherwise at law or in equity for (including, without limitation, in the event that a failure of any of the foregoing conditions is the result of a breach or default by Seller under this Agreement).

(c) Seller's Closing Conditions. The obligation of Seller to consummate the transaction hereunder is expressly subject to and contingent upon the occurrence of each and every one of the following:

(i) Seller or the Title Company, as applicable, will have received the items set forth in Section 9(b) hereof.

(ii) All representations and warranties of Purchaser will be true and correct as of the Closing Date.

(iii) Purchaser will have complied with all terms, provisions and conditions of this Agreement.

(iv) Seller will have obtained the approvals ("**Seller's Required Approvals**") from all governmental bodies required by applicable laws to approve the sale of the Property.

(d) Seller's Right to Terminate.

(i) In the event any of the foregoing conditions other than the condition set forth in 12(c)(iv) above has not been fulfilled or expressly waived in writing by Seller, subject to Purchaser's cure rights under Section 13(b) hereof, Seller may terminate this Agreement by giving

written notice to Purchaser on or before the Closing Date. In the event of any such termination, all of the Earnest Money and any interest thereon will be promptly paid to Seller.

- (ii) In the event that Seller has not obtained the Seller's Required Approvals on or before February 1, 2019, Seller shall provide written notice thereof to Purchaser. In which event, Purchaser may either (A) extend the Closing Date by 90 days to afford Seller time to obtain Seller's Required Approvals (such extended Closing Date being referred to herein as the "**Extended Closing Date**") or (B) terminate this Agreement, and upon such termination, all of the Earnest Money and any interest thereon will be promptly paid to Purchaser. If Seller is unable to obtain the Seller Required Approvals upon the expiration of the Extended Closing Date, then this Agreement may be terminated by either party for its convenience and without further liability to the other party, and upon such termination for convenience, all of the Earnest Money and any interest thereon will be promptly returned to Purchaser. FOR AVOIDANCE OF DOUBT, THE TERMINATION OF THIS AGREEMENT UNDER THIS SECTION 12(d)(ii) SHALL NOT BE DEEMED A DEFAULT UNDER SECTION 13(a), AND THE REMEDY SET FORTH IN THIS SECTION 12(d)(ii) SETS FORTH THE ENTIRE LIABILITY AND OBLIGATION OF THE SELLER AND THE SOLE AND EXCLUSIVE REMEDY OF THE PURCHASER IN THE EVENT THAT THIS AGREEMENT IS TERMINATED PURSUANT TO THIS SECTION 12(d)(ii).

(e) If Closing has not occurred within 3 business days after the Closing Date (subject to the parties' cure rights and extension rights set forth in this Agreement), this Agreement shall automatically terminate and all Earnest Money and any interest thereon will be promptly disbursed in accordance with the provisions of this Agreement.

13. Default.

(a) Default by Seller. IF SELLER BREACHES ITS OBLIGATION TO COMPLETE THE SALE AND CONVEYANCE OF THE PROPERTY AS PROVIDED IN THIS AGREEMENT AND SUCH BREACH CONTINUES FOR TWO BUSINESS DAYS AFTER PURCHASER'S DELIVERY TO SELLER OF WRITTEN NOTICE THEREOF, PURCHASER MAY ELECT AS PURCHASER'S SOLE AND EXCLUSIVE REMEDY EITHER TO (i) OBTAIN THE REMEDY OF SPECIFIC PERFORMANCE (SELLER AND PURCHASER ACKNOWLEDGING AND AGREEING THAT THE PROPERTY IS UNIQUE IN NATURE AND A FAILURE BY SELLER TO PERFORM THE TERMS OF THIS AGREEMENT WILL MATERIALLY AND IRREPARABLY INJURE, AND RESULT IN THE SUFFERING OF A MATERIAL LOSS BY, PURCHASER, AND THAT SUCH INJURY AND LOSS CANNOT BE FULLY OR ADEQUATELY COMPENSATED BY THE PAYMENT OF MONEY OR BY AN AWARD OF DAMAGES, AND ACCORDINGLY, PURCHASER SHALL BE ENTITLED TO THE SPECIFIC PERFORMANCE OF THIS AGREEMENT); OR (ii) TERMINATE THIS AGREEMENT, AND IN THE EVENT PURCHASER TERMINATES THIS AGREEMENT DUE TO (I) A SELLER DEFAULT, (II) A REPRESENTATION OR WARRANTY OF SELLER BEING UNTRUE WHEN MADE AS OF THE EFFECTIVE DATE, OR (III) A REPRESENTATION OR WARRANTY OF SELLER BECOMING UNTRUE DUE TO SELLER'S ACTION, THEN SELLER SHALL REIMBURSE PURCHASER FOR ALL REASONABLE AND VERIFIABLE THIRD-PARTY OUT-OF-POCKET COSTS AND EXPENSES INCURRED BY PURCHASER IN CONNECTION WITH THIS AGREEMENT UP TO A MAXIMUM OF \$50,000.00 (COLLECTIVELY, "**PURCHASER'S PURSUIT COSTS**"), WHICH PURCHASER'S PURSUIT COSTS INCLUDE, WITHOUT LIMITATION, PURCHASER'S COSTS IN NEGOTIATING THIS AGREEMENT, THE COST OF PURCHASER'S INSPECTIONS AND THE COST OF PURCHASER'S PURSUIT OF GOVERNMENTAL APPROVALS AND ALL OTHER DAMAGES INCURRED BY PURCHASER AS A RESULT THEREOF.

(b) Default by Purchaser. IF PURCHASER BREACHES ITS OBLIGATION TO COMPLETE THE PURCHASE OF THE PROPERTY AS PROVIDED IN THIS AGREEMENT AND SUCH BREACH CONTINUES FOR TWO BUSINESS DAYS AFTER SELLER'S DELIVERY TO PURCHASER OF WRITTEN NOTICE THEREOF, THEN SELLER'S SOLE AND EXCLUSIVE REMEDY WILL BE TO TERMINATE THIS AGREEMENT AND RECEIVE ALL OF THE EARNEST MONEY AND ALL ACCRUED INTEREST THEREON

AS LIQUIDATED DAMAGES. SELLER AND PURCHASER ACKNOWLEDGE AND AGREE THAT IT WOULD BE IMPRACTICAL AND EXTREMELY DIFFICULT TO ESTIMATE THE DAMAGES THAT SELLER MAY SUFFER IN THE EVENT PURCHASER BREACHES ITS OBLIGATION TO COMPLETE THE PURCHASE OF THE PROPERTY HEREUNDER. SELLER AND PURCHASER THEREFORE AGREE THAT A REASONABLE PRESENT ESTIMATE OF THE NET DETRIMENT THAT SELLER WOULD SUFFER IN THE EVENT PURCHASER BREACHES SUCH OBLIGATION IS AN AMOUNT OF MONEY EQUAL TO ALL OF THE EARNEST MONEY AND ALL ACCRUED INTEREST THEREON, WHICH WILL BE THE FULL, AGREED AND LIQUIDATED DAMAGES.

14. Condemnation. In the event that, between Effective Date and the Closing Date, any condemnation or eminent domain proceedings are instituted that might result in the taking of all or any portion of the Property (except for such portions thereof as would not, in Purchaser's sole and absolute discretion, impair the use thereof for the Intended Uses), Seller will immediately notify Purchaser in writing of such occurrence, and thereupon Purchaser may elect (in its sole and absolute discretion) to:

- (a) terminate this Agreement, in which event all rights and obligations of the parties hereunder will cease with respect to the Property, all of the Earnest Money and any interest thereon will be paid to Purchaser;
- (b) elect to consummate the subject transaction and require Seller to deliver to Purchaser a duly executed assignment, in form and substance satisfactory to Purchaser, of proceeds payable as a result of Seller's right to receive any condemnation award; or
- (c) elect to consummate the subject transaction, but with an adjustment of the Purchase Price, acceptable to both parties (acting reasonably and in good faith), based on a re-determination of the net usable square footage of the Land.

Purchaser will have 30 days after the date of its receipt of written notice of such institution of proceedings within which to exercise its rights under this Section 14. If the Closing is scheduled to occur within such 30-day period, the Closing will be delayed until Purchaser makes such election, and if Purchaser elects to consummate the transaction, the Closing Date will be adjusted accordingly.

15. Covenants of Seller. Between the Effective Date and the Closing Date, Seller will:

- (a) not, without first obtaining the written consent of Purchaser, enter into any contracts, leases or other agreements pertaining to the Property or any portion thereof;
- (b) comply with all laws, ordinances, regulations and restrictions affecting the Property or any portion thereof (including, without limitation, the use thereof);
- (c) comply with the terms of all mortgages, liens, pledges, leases, licenses, easements and other similar encumbrances affecting the Property or any portion thereof;
- (d) not create or permit to be created any mortgage, lien, pledge, lease, license, easement or other similar encumbrance in any way affecting the Property or any portion thereof;
- (e) not commit any waste or nuisance upon the Property or any portion thereof;
- (f) use its best efforts to obtain the Seller Required Approvals prior to the Due Diligence Date; and
- (f) comply with all requirements of the Title Company in connection with its insurance hereunder.

16. Notices. Any notice or other communication in connection with this Agreement will be in writing and will be sent by: United States certified mail, return receipt requested, postage prepaid; a nationally recognized

overnight courier guaranteeing next day delivery; e-mail transmission, properly addressed; or personal delivery, properly addressed as follows:

If to Purchaser:	Opus Development Company, L.L.C. 9700 Higgins Road Suite 900 Rosemont, Illinois 60018 Attn: Michael P. Yungerman Email: mike.yungerman@opus-group.com
with a copy to:	Opus Holding, L.L.C. 10350 Bren Road West Minnetonka, Minnesota 55343 Attn: Legal Department E-mail: annemarie.solberg@opus-group.com
and with a copy to:	O'Rourke, Hogan, Fowler & Dwyer, LLC Suite 3700 10 South LaSalle Street Chicago, Illinois 60603 Attn: Timothy J. Grant E-mail: tgrant@ohfdlaw.com
If to Seller:	Miami University 218 Roudebush Hall 501 East High Street Oxford, OH 45056 Attn: Assoc. VP of Facilities Planning and Operations Email: powellcj@miamioh.edu
with a copy to:	Miami University 215 Roudebush Hall 501 East High Street Oxford, OH 45056 Attn: Office of General Counsel E-mail: generalcounsel@miamioh.edu

All notices will be deemed given three business days following deposit in the United States mail with respect to certified or registered letters, one business day following deposit if delivered to an overnight courier guaranteeing next day delivery, and on the same day if sent by personal delivery or by e-mail transmission (with proof of transmission). Attorneys for each party will be authorized to give notices for each such party. Any party may change its address for the service of notice by giving written notice of such change to the other party, in any manner above specified.

17. Miscellaneous.

(a) Counterpart; Electronic Transmission. This Agreement may be executed in any number of counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument. In order to facilitate execution of this Agreement, the parties may execute and deliver counterparts hereof (or counterparts of the signature page or pages hereof) by e-mail transmission, and such e-mail transmitted counterparts will be binding and enforceable to the same extent as originals thereof.

(b) Section Headings. The Section headings or captions appearing in this Agreement are for convenience only, are not a part of this Agreement, and are not to be considered in interpreting this Agreement.

(c) Entire Agreement; No Waiver. This written Agreement constitutes the entire agreement between the parties and supersedes any prior oral or written agreements between the parties regarding the Property. There are

no verbal agreements which can or will modify this Agreement, and no waiver of any of its terms will be effective unless in a writing executed by the parties.

(d) Severability. The unenforceability or invalidity of any provisions hereof will not render any other provisions herein contained unenforceable or invalid.

(e) Assignment. Seller may not assign this Agreement or any of its rights hereunder. Purchaser may freely assign this Agreement and its rights hereunder, and may name a designee or nominee, without Seller's consent; provided, however, that Purchaser will notify Seller, in writing, of any such assignment within 30 days after the effective date of such assignment; and provided further, however, that upon any such assignment by Purchaser, such Purchaser/assignor will be automatically released from any and all liability under or in connection with this Agreement or the transactions contemplated hereunder.

(f) Brokers. Seller represents and warrants to Purchaser that, other than CBRE ("**Purchaser's Broker**"), Seller has not engaged or dealt with any broker or other person or entity who would be entitled to any brokerage fee or commission with respect to the finding, negotiation or execution of this Agreement or the consummation of the transactions contemplated hereby. Purchaser shall be responsible for any commission due Purchaser's Broker in connection with the transaction contemplated by this Agreement.

(g) Governing Law. This Agreement will be construed and enforceable in accordance with the laws of the State of Ohio, without application of its choice of law rules. Any legal suit, action, or proceeding arising out of or related to this Agreement must be instituted in the state or federal courts of competent jurisdiction located in the State of Ohio, and each party hereby irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action, or proceeding.

(h) Binding Nature. This Agreement will be binding upon and inure to the benefit of the parties hereto, and their respective successors and permitted assigns.

(i) Survival. This Agreement and the provisions, representations and warranties herein set forth will survive the Closing and delivery of the Deed.

(j) Time of Essence. Time is of the essence of this Agreement.

(k) Attorneys' Fees and Costs; Prevailing Party. Intentionally deleted.

(l) Ohio HB476. Purchaser agrees and covenants that it is not boycotting any jurisdiction with whom the State of Ohio can enjoy open trade, including Israel, and will not do so during the term of this Agreement.

(m) Non-discrimination. Purchaser agrees and covenants that it does not and will not discriminate on the basis of religion, race, color, creed, national or ethnic origin, sex, age, disability, political affiliation, gender identity or expression, sexual orientation, pregnancy, or status as a veteran or member of the military.

(n) Seller Sovereign Immunity. The parties agree that nothing in this Agreement shall be construed as a waiver of Seller's sovereign immunity or the sovereign immunity of the State of Ohio beyond the waiver provided in Ohio Revised Code Section 2743.02.

(o) No Indemnification by Seller. The Purchaser acknowledges and agrees that the Seller is an instrumentality of the State of Ohio, and that Seller has informed Purchaser that Seller is prohibited from entering into any agreement that contains an unlimited obligation to indemnify any person or entity. Purchaser expressly acknowledges and agrees that nothing in this Agreement shall be construed as requiring Seller to indemnify, defend, or hold harmless the Purchaser or any other third party; and Purchaser shall not require Seller to enter into any agreements with any third parties, including, without limitation the Title Company, that requires Seller to indemnify, defend, or hold harmless the Purchaser, the Title Company, or any other third party; so long as Seller provides to the Title Company adequate assurances necessary for the Title Company to issue extended coverage to Purchaser with respect to the non-survey general title exceptions.

(p) **Compliance with Seller's Rules and Policies.** While on any of Seller's property (including the Property), Purchaser shall comply with, and shall cause all of its employees, contractors, and representatives to comply with, all of Seller's rules, policies, procedures, and guidelines, which are available at <http://blogs.miamioh.edu/miamipolicies/>.

(q) **Marks.** Neither party shall use the other party's name, logos, trademarks, service marks or trade names ("**Marks**") for any reason or in any manner, without the other party's prior written consent. Each party consenting to use of its Marks hereunder shall remain the sole and exclusive owner of and retain all right, title and interest in and to its Marks and the goodwill associated therewith. Nothing contained in this Agreement shall be construed as conferring upon any party, by implication, operation of law or otherwise, any other rights.

[Signatures on following page]

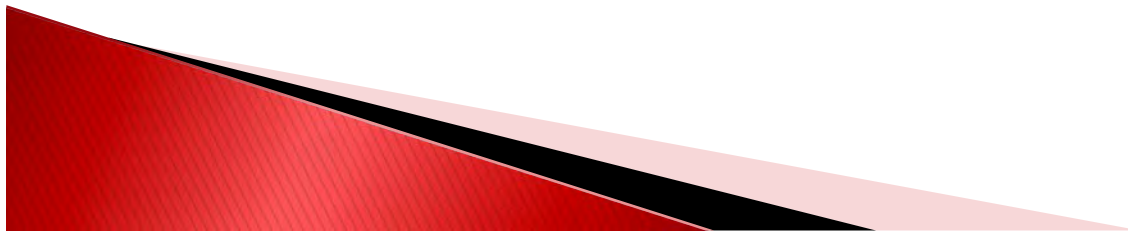
In witness whereof, the parties hereto have caused this Agreement to be executed and delivered the day and the date first above written.

	<p>PURCHASER:</p> <p>Opus Development Company, L.L.C., a Delaware limited liability company</p> <p>By: _____ Name: _____ Title: _____</p>
	<p>SELLER:</p> <p>Miami University, Oxford, Ohio, a body politic and corporate organized under the laws of the State of Ohio</p> <p>By: _____ Name: _____ Title: _____</p>

Exhibit A – Legal Description of Land

Preliminary Year End Operating Results

September 13, 2018



Balance Sheet – Assets

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Assets					
Current assets:					
Cash and cash equivalents (incl. bond proceeds of \$	\$ 85,063,956	\$ 77,323,102	\$ 7,740,854	10.0%	11.5%
Investments	609,414,007	632,801,558	(23,387,551)	-3.7%	82.3%
Accounts, pledges and notes receivable, net	38,017,483	38,335,028	(317,545)	-0.8%	5.1%
Inventories	2,104,264	1,871,537	232,727	12.4%	0.3%
Prepaid expenses and deferred charges	5,951,810	5,726,999	224,811	3.9%	0.8%
Total Current Assets	740,551,520	756,058,224	(15,506,704)	-2.1%	100.0%
Noncurrent assets:					
Restricted cash and cash equivalents	0	0			
Investments	214,570,268	211,095,462	3,474,806	1.6%	13.6%
Pledges and notes receivable, net	6,242,605	6,506,325	(263,720)	-4.1%	0.4%
Net pension asset	932,331	370,363	561,968	151.7%	0.1%
Nondepreciable capital assets	212,690,690	146,821,609	65,869,081	44.9%	13.5%
Depreciable capital assets, net	1,143,034,911	1,119,484,658	23,550,253	2.1%	72.5%
Total Noncurrent Assets	1,577,470,805	1,484,278,417	93,192,388	6.3%	100.0%
Total Assets	2,318,022,325	2,240,336,641	77,685,684	3.5%	100.0%
Deferred Outflows of Resources:					
Pensions	84,514,137	102,572,087	(18,057,950)	-17.6%	91.8%
OPEB	7,538,526		7,538,526	0.0%	8.2%
Total Deferred Outflows of Resources	92,052,663	102,572,087	(10,519,424)	-10.3%	100.0%
Total Assets & Deferred Outflows of Res	\$ 2,410,074,988	\$ 2,342,908,728	\$ 67,166,260	2.9%	100.0%

Balance Sheet – Liabilities

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Liabilities					
Current liabilities:					
Accounts payable	\$ 43,133,945	\$ 41,225,270	\$ 1,908,675	4.6%	36.5%
Accrued salaries and wages	16,833,530	16,351,605	481,925	2.9%	14.2%
Accrued compensated absences	1,378,778	1,248,469	130,309	10.4%	1.2%
Unearned revenue	12,719,075	13,287,075	(568,000)	-4.3%	10.8%
Deposits	12,528,992	12,164,446	364,546	3.0%	10.6%
Current portion of long-term debt	31,576,900	32,318,551	(741,651)	-2.3%	26.7%
Other current liabilities	0	0			
Total Current Liabilities	118,171,220	116,595,416	1,575,804	1.4%	100.0%
Noncurrent liabilities:					
Accrued compensated absences	16,844,230	17,624,637	(780,407)	-4.4%	1.6%
Bonds payable	659,571,273	691,021,275	(31,450,002)	-4.6%	61.5%
Capital leases payable	2,030,400	2,157,300	(126,900)	-5.9%	0.2%
Federal Perkins loan program	4,087,964	5,557,400	(1,469,436)	-26.4%	0.4%
Net pension liability	287,503,227	406,344,694	(118,841,467)	-29.2%	26.8%
Net OPEB liability	103,125,894	0	103,125,894	0.0%	9.6%
Other noncurrent liabilities	0	0	0	0.0%	0.0%
Total Noncurrent Liabilities	1,073,162,988	1,122,705,306	(49,542,318)	-4.4%	100.0%
Total Liabilities	1,191,334,208	1,239,300,722	(47,966,514)	-3.9%	100.0%
Deferred Inflows of Resources:					
Deferred gains on refunding	1,129,178	1,275,801	(146,623)	-11.5%	2.6%
Pensions	32,776,929	2,138,473	30,638,456	1432.7%	75.8%
OPEB	9,309,416	0	9,309,416	0.0%	21.5%
Total Deferred Inflows of Resources	\$ 43,215,523	\$ 3,414,274	\$ 39,801,249	1165.7%	100.0%

The 2017 pension liability has not been restated to reflect the prior year impact of GASB 75.

Balance Sheet – Net Position

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Net Position:					
Net investment in capital assets	\$ 710,249,204	\$ 682,581,465	\$ 27,667,739	4.1%	60.4%
Restricted:					
Nonexpendable	93,281,324	91,155,928	2,125,396	2.3%	7.9%
Expendable	62,268,599	41,965,845	20,302,754	48.4%	5.3%
Unrestricted	309,726,130	284,490,494	25,235,636	8.9%	26.3%
Total Net Position	1,175,525,257	1,100,193,732	75,331,525	6.8%	100.0%
Total Liabilities, Deferred Inflows and Net Position	\$ 2,410,074,988	\$ 2,342,908,728	\$ 67,166,260	2.9%	100.0%

Unrestricted Net Position Summary

	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Fund Balances & Reserves- Before Pension Liability	\$ 111,500,448	\$ 99,209,239	\$ 12,291,208
Ohio Pension Liability ¹	(339,730,472)	(305,540,715)	(34,189,757)
Fund Balances and Reserves - Net	(228,230,024)	(206,331,476)	(21,898,549)
Carry Forward and Designated - Academic Divisions	175,994,914	143,982,212	32,012,702
Carry Forward and Designated - Administrative Divisions	49,990,769	50,212,664	(221,895)
Facility Renewal & Replacement Funds ²	195,134,404	183,382,069	11,752,335
Quasi-Endowment	<u>116,836,069</u>	<u>113,245,024</u>	<u>3,591,044</u>
Total Unrestricted Net Position	<u>\$ 309,726,130</u>	<u>\$ 284,490,494</u>	<u>\$ 25,235,637</u>

¹ The 2017 pension liability has not been restated to reflect the prior year impact of adopting GASB 75.

² Please see the more detailed schedules for renewal and replacement funds later in the packet. Since almost 55% of this balance has been assigned to projects, the balance is expected to decline by a material amount by June 30, 2020.

At June 30, 2018 and 2017

Unrestricted Net Position by University Division

<u>Division</u>	<u>Carry Forward</u>	<u>Designated Funds</u>	<u>Fund Balance & Reserves</u>	<u>Total</u>
Provost				
Arts & Science	\$ 37,190,641	\$ 12,119,366	\$ -	\$ 49,310,007
Education, Health & Society	18,361,658	2,620,247	0	20,981,905
Farmer School of Business	18,132,092	10,385,973	0	28,518,065
Engineering & Computer Science	6,060,718	2,504,748	0	8,565,466
Creative Arts	6,754,722	964,702	0	7,719,424
Regional Campuses	7,824,392	3,690,262	11,191,058	22,705,712
Other	<u>12,343,678</u>	<u>37,041,715</u>	<u>0</u>	<u>49,385,393</u>
Sub-Total Provost	\$ 106,667,901	\$ 69,327,013	\$ 11,191,058	\$ 187,185,972
President				
	\$ 1,547,279	\$ 13,192	\$ -	\$ 1,560,471
Finance & Business Services				
Physical Facilities	1,357,450	1,261,383	0	2,618,833
Other	1,778,086	3,322,643	0	5,100,729
Enrollment Management	769,492	1,007,113	0	1,776,605
Student Life	309,887	1,583,179	0	1,893,066
University Advancement	803,172	19,195,089	0	19,998,261
Information Technology	<u>3,095,364</u>	<u>6,051,124</u>	<u>0</u>	<u>9,146,488</u>
Sub-Total Administrative	\$ 9,660,730	\$ 32,433,723	\$ -	\$ 42,094,453
Auxiliary Enterprise				
	0	0	7,835,721	7,835,721
Central Budget				
	2,964,672	4,931,644	87,439,080	95,335,395
Sub-Total Available Balances	\$ 119,293,303	\$ 106,692,379	\$ 106,465,859	\$ 332,451,541

At June 30, 2018

Unrestricted Net Position Facility Renewal and Replacement Funds

<u>Campus</u>	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Oxford- General	\$ 4,056,013	\$ 13,569,800	\$ (9,513,787)
Hamilton Campus	13,948,734	13,536,865	411,869
Middletown Campus	2,236,691	2,077,237	159,454
Voice of America	165,666	137,195	28,471
Oxford Auxiliary	66,893,849	97,749,469	(30,855,620)
Projects Funded/Not Expended ¹	<u>107,833,451</u>	<u>56,311,503</u>	<u>51,521,948</u>
Total Facility Renewal & Replacement	<u>\$ 195,134,404</u>	<u>\$ 183,382,069</u>	<u>\$ 11,752,335</u>

¹ Due to the large number of funded facility projects, this balance is expected to decline substantially by June 30, 2020.

At June 30, 2018 and 2017

Status of Gift Funded Projects

as of June 30, 2018

<u>Project Description</u>	<u>Project Budget</u>	<u>Project Budget Not Funded</u>	<u>Outstanding Pledges</u>	<u>Outstanding Bequests</u>	<u>Project Deficit</u>
Athletic Performance Center	\$22,993,815	\$17,006,140	\$10,984,374	\$0	\$6,021,766
Goggin Ice Arena	36,009,525	1,571,510	7,360	0	1,564,150
Hayden Park Addition	3,943,307	519,516	9,732	500,000	9,784
Dauch Indoor Sports Center	<u>14,000,000</u>	<u>5,513,231</u>	<u>4,325,774</u>	<u>1,500,000</u>	<u>0</u>
Total	\$76,946,647	\$24,610,397	\$15,327,240	\$2,000,000	\$7,595,700

Revenues, Expenses and Changes in Net Position

Operating Revenues

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Operating Revenues:					
Tuition, fees, and other student charges	\$ 481,191,179	\$ 470,070,339	\$ 11,120,840	2.4%	125.4%
Less allowance for student scholarships	(97,323,070)	(95,316,485)	(2,006,585)	2.1%	-25.4%
Net Tuition, Fees & Other Student Charges	383,868,109	374,753,854	9,114,255	2.4%	100.0%
Sales and services of auxiliary enterprises	147,078,612	149,775,021	(2,696,409)	-1.8%	104.4%
Less allowance for student scholarships	(6,158,476)	(6,322,854)	164,378	-2.6%	-4.4%
Net Sales and Services of Auxiliary Enterprises	140,920,136	143,452,167	(2,532,031)	-1.8%	100.0%
Federal contracts	12,321,439	10,473,139	1,848,300	17.6%	2.2%
Gifts	0	0	0	0.0%	0.0%
Sales and services of educational activities	2,800,536	1,972,108	828,428	42.0%	0.5%
Private contracts	2,911,860	2,901,764	10,096	0.3%	0.5%
State contracts	1,314,275	1,019,344	294,931	28.9%	0.2%
Local contracts	99,969	153,669	(53,700)	-34.9%	0.0%
Other	7,459,435	9,827,116	(2,367,681)	-24.1%	1.4%
Total Operating Revenues	\$ 551,695,759	\$ 544,553,161	\$ 7,142,598	1.3%	100.0%

Revenues, Expenses and Changes in Net Position

Operating Expenses

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Operating expenses:					
Education and general:					
Instruction and departmental research	\$ 110,005,726	\$ 202,295,750	\$ (92,290,024)	-45.6%	21.1%
Separately budgeted research	11,838,581	13,229,929	(1,391,348)	-10.5%	2.3%
Public service	2,594,596	3,395,945	(801,349)	-23.6%	0.5%
Academic support	61,656,100	60,593,163	1,062,937	1.8%	11.8%
Student services	30,303,560	31,974,331	(1,670,771)	-5.2%	5.8%
Institutional support	62,903,632	55,746,107	7,157,525	12.8%	12.1%
Operation and maintenance of plant	34,318,352	33,343,870	974,482	2.9%	6.6%
Scholarships and fellowships	20,481,682	21,639,250	(1,157,568)	-5.3%	3.9%
Auxiliary enterprises	117,369,290	113,920,563	3,448,727	3.0%	22.5%
Depreciation	59,810,051	54,026,623	5,783,428	10.7%	11.5%
Other	10,460,266	9,350,605	1,109,661	11.9%	2.0%
Total Operating expenses	521,741,836	599,516,136	(77,774,300)	-13.0%	100.0%
Net Operating loss	\$ 29,953,923	\$ (54,962,975)	\$ 84,916,898	-154.5%	100.0%

Revenues, Expenses and Changes in Net Position Non-Operating Expenses, Other and Change in Net Position

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Non-Operating Revenues (Expenses):					
State appropriations	\$ 76,832,481	\$ 77,063,043	\$ (230,562)	-0.3%	58.3%
Gifts, including those from the University Foundation	29,031,525	16,578,473	12,453,052	75.1%	22.0%
Federal grants	18,275,929	17,769,498	506,431	2.9%	13.9%
Net investment income, net of investment expense of \$2,602,537 for the University and \$3,293,612 for the Foundation	29,763,586	43,579,226	(13,815,640)	-31.7%	22.6%
\$2,361,481 for the University and \$2,833,769 for the Foundation in FY17	0	0	0	#DIV/0!	
State grants	1,671,412	1,581,191	90,221	5.7%	1.3%
Interest on debt	(26,725,463)	(26,454,609)	(270,854)	1.0%	-20.3%
Payments to Miami University	0	0	0	0.0%	
Other non-operating revenues (expenses)	2,914,746	1,487,169	1,427,577	96.0%	2.2%
Net Non-Operating Revenues (Expenses)	131,764,216	131,603,991	160,225	0.1%	100.0%
Income Before Other Revenues, Expenses, & Gains or Losses	161,718,139	76,641,016	85,077,123	111.0%	100.0%
Other Revenues, Expenses, Gains or Losses:					
State capital appropriation	16,432,808	2,003,734	14,429,074	720.1%	74.6%
Capital grants and gifts	4,895,331	4,627,105	268,226	5.8%	22.2%
Additions to permanent endowments	698,524	456,041	242,483	53.2%	3.2%
Total Other Revenues, Expenses, Gains or Losses	22,026,663	7,086,880	14,939,783	210.8%	100.0%
Change in Net Position	183,744,802	83,727,896	100,016,906	119.5%	100.0%
Total Net Position at Beginning of Year, as Restated	\$ 991,780,455	\$ 1,016,465,836	\$ (24,685,381)	-2.4%	100.0%
Total Net Position at End of Year	\$ 1,175,525,257	\$ 1,100,193,732	\$ 75,331,525	6.8%	100.0%

Residence and Dining Halls

Net Increase for Fiscal Year 18-09

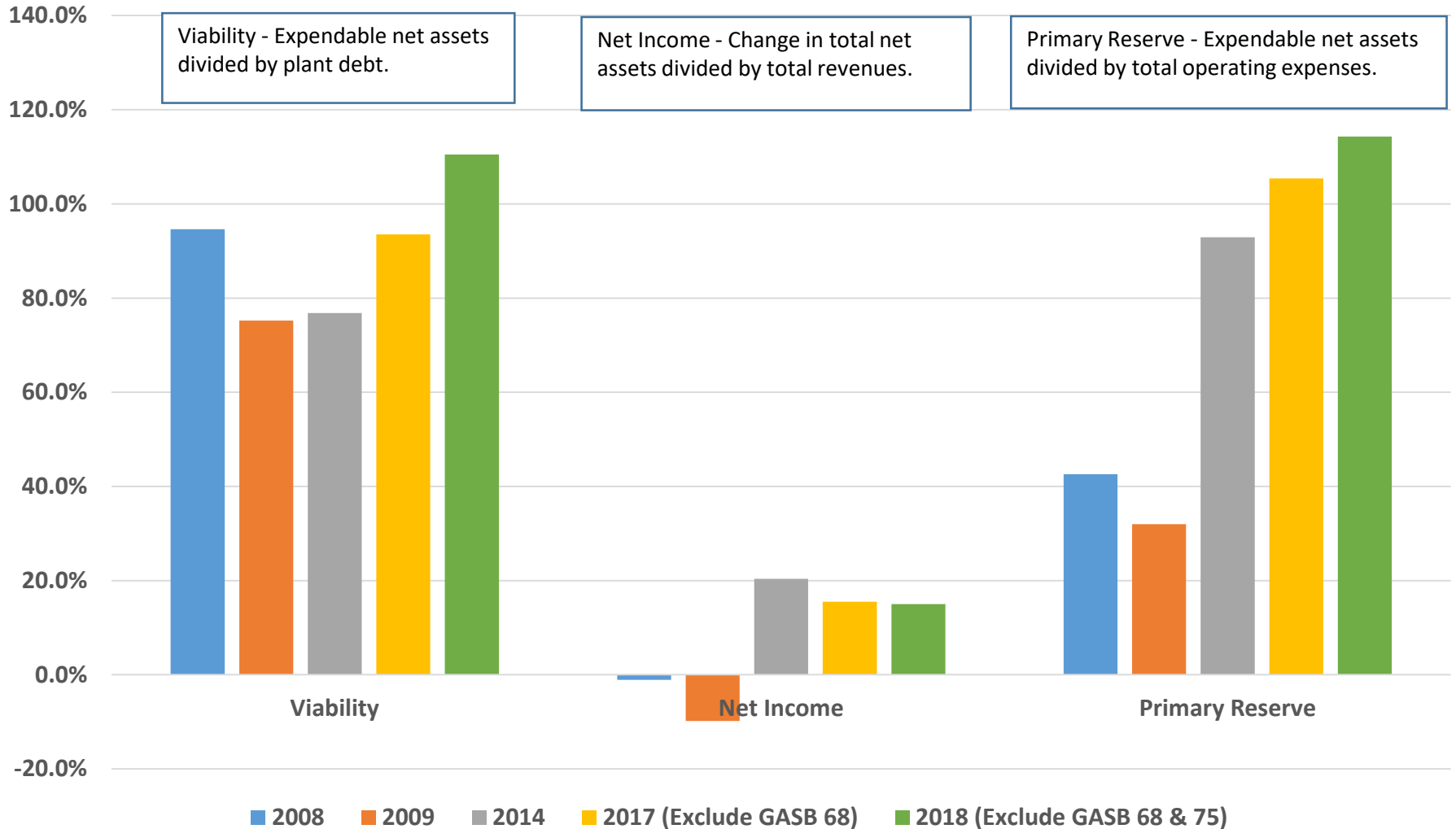
	FY18	FY17	FY16	FY15	FY14	FY13	FY12	FY11	FY10	FY09
Revenues	\$ 110,343,907	\$ 105,966,230	\$ 99,675,905	\$ 95,379,311	\$ 88,831,459	\$ 81,287,838	\$ 78,756,210	\$ 76,033,181	\$ 73,504,118	\$ 68,559,447
Expenses										
Salaries & Benefits	17,747,770	21,629,860	20,457,009	19,779,250	19,282,892	19,143,162	20,522,868	21,083,130	26,154,177	29,185,462
Operating Expenses and Food Purchases	36,488,478	32,938,874	34,534,197	32,202,763	30,177,911	27,110,500	28,282,014	27,174,705	26,335,723	27,819,033
Residence Life Transfer to Student Life	<u>5,833,638</u>	<u>5,336,093</u>	<u>5,323,404</u>	<u>5,059,978</u>	<u>4,786,056</u>	<u>4,802,246</u>	<u>4,677,926</u>	<u>4,641,010</u>	<u>0</u>	<u>0</u>
Total Expenses	60,069,886	59,904,827	60,314,610	57,041,991	54,246,859	51,055,908	53,482,808	52,898,845	52,489,900	57,004,495
Net Income Before Debt Service & Transfers	\$ 50,274,021	\$ 46,061,402	\$ 39,361,294	\$ 38,337,320	\$ 34,584,600	\$ 30,231,930	\$ 25,273,402	\$ 23,134,336	\$ 21,014,218	\$ 11,554,952
Debt Service and Transfers										
Debt Service	(41,597,907)	(35,973,640)	(33,873,421)	(30,866,290)	(22,303,542)	(19,882,993)	(11,906,810)	(5,816,005)	(3,760,628)	(3,796,186)
Capital Projects	(8,545,255)	(10,087,720)	(5,487,287)	(7,463,613)	(11,845,020)	(10,305,050)	(13,339,934)	(17,216,813)	(17,089,500)	(7,708,962)
Total Facility Investment	(50,143,162)	(46,061,360)	(39,360,708)	(38,329,903)	(34,148,562)	(30,188,043)	(25,246,744)	(23,032,818)	(20,850,128)	(11,505,148)
Net Increase for Fiscal Year	\$ 130,859	\$ 42	\$ 586	\$ 7,417	\$ 436,038	\$ 43,887	\$ 26,658	\$ 101,518	\$ 164,090	\$ 49,804
Total All Fund Balances and Reserves	\$ 57,476,589	\$ 80,112,906	\$ 71,931,648	\$ 66,164,901	\$ 60,014,075	\$ 51,780,699	\$ 44,436,411	\$ 36,052,128	\$ 23,696,971	\$ 12,419,095

Preliminary and Unaudited

Miami University Financial Performance

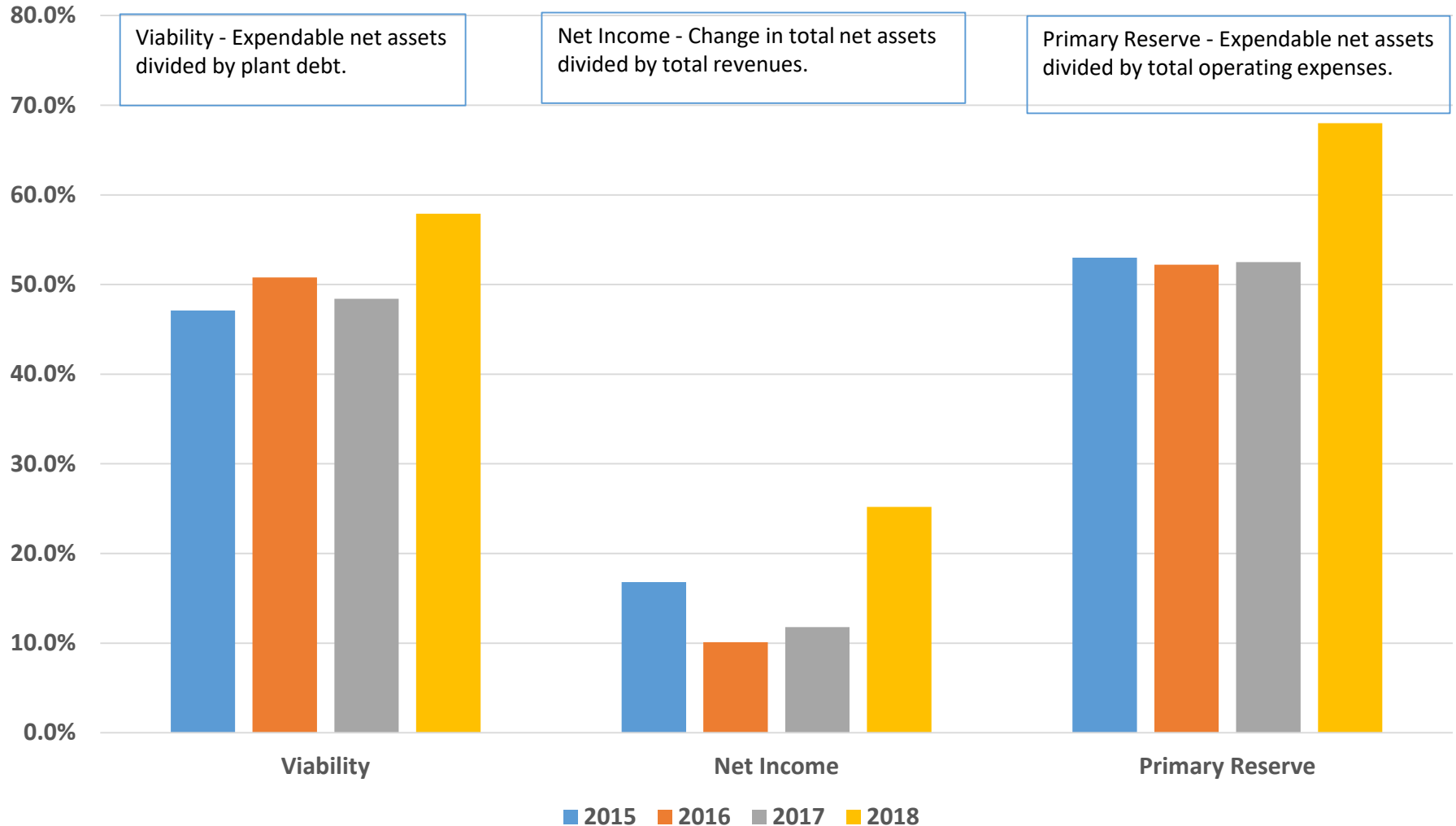
Excludes the Effect of GASB 68 & 75

(FY08, FY09, FY14, FY17, & FY18)



Miami University Financial Performance

Includes the Effect of GASB 68 & 75 (FY15, FY16, FY17, & FY18)



Miami University Foundation Preliminary Year End Operating Results

September 13, 2018



Statement of Financial Position

Preliminary and Unaudited

Assets	2018	2017	Annual Change	Change %	% of Total
Cash and cash equivalents	\$ 64,282,976	\$ 43,840,084	\$ 20,442,892	46.6%	11.0%
Pledges receivable, net	30,440,640	36,219,757	(5,779,117)	-16.0%	5.2%
Other receivables, primarily investment related	12,439,077	13,439,412	(1,000,335)	-7.4%	2.1%
Investments	477,035,567	477,769,184	(733,617)	-0.2%	81.4%
Cash value of life insurance	2,063,101	2,014,296	48,805	2.4%	0.4%
Real estate investments	30,000	262,875	(232,875)	-88.6%	0.0%
Total assets	\$ 586,291,361	\$ 573,545,608	\$ 12,745,753	2.2%	100.0%
Liabilities					
Accounts payable and other liabilities	\$ 14,824,742	\$ 13,932,276	\$ 892,466	6.4%	6.3%
Assets held for other entities	214,465,794	213,843,604	622,190	0.3%	91.3%
Deferred revenue	1,671,980	1,749,089	(77,109)	-4.4%	0.7%
Obligations under split-interest agreements	3,976,357	4,637,491	(661,134)	-14.3%	1.7%
Total liabilities	234,938,873	234,162,460	776,413	0.3%	100.0%
Net Assets					
Unrestricted	624,224	957,683	(333,459)	-34.8%	0.2%
Temporarily restricted	127,904,430	128,706,074	(801,644)	-0.6%	36.4%
Permanently restricted	222,823,834	209,719,391	13,104,443	6.2%	63.4%
Total net assets	351,352,488	339,383,148	11,969,340	3.5%	100.0%
Total liabilities and net assets	\$ 586,291,361	\$ 573,545,608	12,745,753	2.2%	100.0%

Statement of Activities

Preliminary and Unaudited

	Unrestricted	Temporarily Restricted	Permanently Restricted	2018 Total	2017 Total	Annual Change	Change %	% of Total
Revenues and other additions:								
Contributions	\$ -	\$ 1,712,734	\$ 12,346,397	\$ 14,059,131	\$ 25,497,080	\$ (11,437,949)	-44.9%	41.7%
Investment income:								
Dividend and interest income, net	15,946	4,427,770	910	4,444,626	2,568,598	1,876,028	73.0%	13.2%
Net realized and unrealized gains (losses)	(342,146)	14,877,843	718	14,536,415	26,239,405	(11,702,990)	-44.6%	43.1%
Net investment income	(326,200)	19,305,613	1,628	18,981,041	28,808,003	(9,826,962)	-34.1%	56.3%
Change in value of split-interest agreements	-	680,812	-	680,812	1,050,289	(369,477)	-35.2%	2.0%
Net assets released from restrictions due to satisfaction of donor restrictions	21,744,385	(22,500,803)	756,418	-	-	0	0.0%	0.0%
Total revenues and other additions	21,418,185	(801,644)	13,104,443	33,720,984	55,355,372	(21,634,388)	-39.1%	100.0%
Expenses and other deductions:								
Distributions to Miami University (Note 6)	18,181,165	-	-	18,181,165	15,347,172	2,833,993	18.5%	83.6%
Other expenses	760,839	-	-	760,839	381,648	379,191	99.4%	3.5%
Administrative expenses (Note 6)	2,809,640	-	-	2,809,640	2,485,019	324,621	13.1%	12.9%
Total expenses and other deductions	21,751,644	-	-	21,751,644	18,213,839	3,537,805	19.4%	100.0%
Change in net assets	(333,459)	(801,644)	13,104,443	11,969,340	37,141,533	(25,172,193)	-67.8%	100.0%
Net assets - beginning of year	957,683	128,706,074	209,719,391	339,383,148	302,241,615	37,141,533	12.3%	100.0%
Net assets - end of year	\$ 624,224	\$ 127,904,430	\$ 222,823,834	\$ 351,352,488	\$ 339,383,148	11,969,340	3.5%	100.0%

Endowment Model

Yellow cells are variable inputs

Fiscal Year	Endowment Balance	Endowment Pledge	Endowment Addition	Quasi-Endowment Additions	Administrative Fee and Payout	Investment Earnings	Ending Balance
		\$ 75,000,000	5 Annual Inst	\$5 M Per Year	5.00%	7.00%	
2016	\$ 444,154,847		\$ 10,000,000	\$ 5,000,000	\$ 22,207,742	\$ 31,090,839	\$ 468,037,944
2017	\$ 468,037,944		\$ 15,000,000	\$ 5,000,000	\$ 23,401,897	\$ 32,762,656	\$ 497,398,703
2018	\$ 497,398,703	\$ 75,000,000	\$ 25,000,000	\$ 5,000,000	\$ 24,869,935	\$ 34,817,909	\$ 537,346,677
2019	\$ 537,346,677	\$ 75,000,000	\$ 40,000,000	\$ 5,000,000	\$ 26,867,334	\$ 37,614,267	\$ 593,093,610
2020	\$ 593,093,610	\$ 75,000,000	\$ 55,000,000	\$ 5,000,000	\$ 29,654,681	\$ 41,516,553	\$ 664,955,483
2021	\$ 664,955,483	\$ 75,000,000	\$ 70,000,000	\$ 5,000,000	\$ 33,247,774	\$ 46,546,884	\$ 753,254,592
2022	\$ 753,254,592	\$ 75,000,000	\$ 75,000,000	\$ 5,000,000	\$ 37,662,730	\$ 52,727,821	\$ 848,319,684
2023	\$ 848,319,684	\$ 75,000,000	\$ 75,000,000	\$ 5,000,000	\$ 42,415,984	\$ 59,382,378	\$ 945,286,078
2024	\$ 945,286,078	\$ 75,000,000	\$ 75,000,000	\$ 5,000,000	\$ 47,264,304	\$ 66,170,025	\$ 1,044,191,799

Actual Performance

2016	\$ 444,154,847		\$ 10,715,354	\$ 19,043,233	\$ 20,930,385	\$ (19,209,480)	\$ 433,773,569
2017	\$ 433,773,569	\$ 24,605,411	\$ 15,791,252	\$ 21,332,000	\$ 19,744,046	\$ 47,895,136	\$ 499,047,911
2018	\$ 499,047,911	\$ 3,784,876	\$ 16,121,982	\$ 1,503,253	\$ 21,438,537	\$ 31,700,000	\$ 519,973,725

* Note: actual endowment pledges exclude bequests due to uncertainty of timing

Summary of University and Foundation Gift Activity Based on Accounting Standards

	Fiscal Year 2008	Fiscal Year 2017	Fiscal Year 2018
Contributions			
Gifts- Foundation	\$10,033,861	\$13,787,860	\$1,712,734
Gifts- University	10,943,405	4,033,050	14,121,321
Permanent Endowment- Foundation	13,792,107	11,709,220	12,346,397
Permanent Endowment- University	3,329,612	456,040	698,524
Capital Gifts- University	<u>2,832,078</u>	<u>366,924</u>	<u>0</u>
Total	\$40,931,063	\$30,353,094	\$28,878,976
Advancement Expenses	\$9,020,868	\$12,555,073	\$15,386,636
Ratio Expense to Revenue	22.00%	41.90%	52.60%

Miami University
Financial Highlights
Year Ended June 30, 2018
Finance and Audit Committee

UNRESTRICTED GENERAL FUND SUMMARY

A majority of the university operations flow through the unrestricted general fund. In FY18, general fund revenues were \$482.8 million of the \$769.0 million in total revenues. The narrative section of the report is followed by a schedule summarizing all university operating budget results and detailed schedules for the general fund budget results for each campus. The general fund highlights are as follows:

- Net general fund revenues for all three campuses and the Voice of America Learning Center (VOALC) were \$482.8 million, exceeding the original budget of \$476.6 million by \$6.2 million (1.3%). Total net revenues on the Oxford campus were \$438.7 million, or \$5.2 million (1.2%) higher than the \$433.5 million budget. Total net revenues for Hamilton were \$25.1 million, or \$0.9 million (3.6%) above the \$24.2 million budget. Total net revenues for the Middletown campus were \$18.9 million, \$83,457 (0.4%) above the budget. Total revenues for the VOALC were \$32,072, or \$2,928 below budget.
- General Fund investment income was \$12.0 million above budget. The performance supported a year-end transfer to the reserve for investment fluctuations.
- General fund expenses before transfers and year-end adjustments for all three campuses and the VOALC were \$361.3 million, or \$25.7 million (6.6%) below the \$387.0 million budget. Total expenses on the Oxford campus were \$319.2 million, or \$23.8 million (7.0%) below the \$343.1 million budget. Total expenses for Hamilton were \$23.5 million, or \$1.1 million (4.5%) below the \$25.0 million budget. Total expenses for Middletown were \$17.9 million, or \$639,397 (3.4%) below the \$18.6 million budget. Total expenses for the VOALC were \$667,337, or \$5,032 (0.7%) above the \$672,369 budget.
- The combined general fund surplus before year-end adjustments for all 3 campuses and the VOALC was \$43.9 million and the growth in the pension liability of \$34.2 million, which includes the effect of GASB 75). Oxford operations ended the fiscal year with a \$43.6 million surplus as compared to the \$13.1 million surplus assumed in the budget. Hamilton operations ended the fiscal year with a \$560,112 surplus versus a budget that assumed a \$900,852 transfer from the unobligated fund balance to balance the budget that was not necessary due to the favorable financial performance. Middletown operations ended the fiscal year with a deficit of \$307,147. The budget had assumed a \$482,023 transfer from the unobligated fund balance that was not made. The Middletown fund balanced decreased by \$211,770 after accounting for the operating results and yearend adjustments. The VOALC operations ended the fiscal year with surplus of \$18,763. Details for each campus are provided in the sections below.

Oxford Unrestricted General Fund

General revenues for Oxford were \$438.7 million, or \$5.2 million (1.2%) above budget. Net instructional revenue for the year was \$302.8 million, or \$7.9 million (-2.6%) below budget. General fee revenue for the year was \$49.5 million, or \$0.4 million (0.8%) above budget. State appropriations were \$64.1 million, or \$0.2 million less than the \$64.3 million budget. Investment income was \$12.0 million above the \$5.3 million budget.

Total expenses for Oxford were below budget by \$23.9 million (-7.0%). Several categories of expense contributed to the positive performance.

- Salary and benefits expenses were \$18.2 million below budget.
- Undergraduate financial aid is represented in two lines in the financial report. Aid is reported as a discount to revenue for scholarships awarded to new and continuing students under the university's merit aid programs. Expenses in this category of aid can fluctuate due to student yield and retention outcomes. This category of aid was \$0.6 million (0.7%) above the \$75.9 million budget. A second category of undergraduate scholarships, recognized in the report under expenses, is for categorical scholarship awards and are managed on a budgetary basis. Scholarships in this category were \$0.7 million above budget.
- Graduate assistant fee waivers and fellowships were \$14.9 million less than budget. The budget assumed fee waivers based on traditionally priced graduate programs. However, more students participated in graduate programs that have market rates that are not discounted with fee waivers.
- Utilities expenses were \$567,935 less than budget. Departmental support costs were \$10.7 million more than budget. Spending in departmental support costs reflects the expenditure of accumulated carry forward balances that are not included in the current year operating budget for various capital investments.

This year's financial results were influenced by year end transfers for the Oxford campus. A transfer of \$18.0 million to the reserve for investment fluctuations per university policy and from under spending in the benefit pool. Transfers of \$6.0 million and \$5.3 million were made to plant funds and the student facilities CR&R, respectively, in support of various capital projects. This compares to 20.5 million in depreciation expense. A transfer of \$19.3 million was made to departmental carry forward related to surplus earnings from net instructional revenue generated by the academic divisions under the RCM budget model.

Hamilton and Middletown General Fund

The Hamilton general fund balance ended the fiscal year with a surplus of \$846,455. Net instructional revenues were \$17.0 million or \$454,160 (2.8%) above the \$16.5 million budget. Cross campus revenues were on budget at \$3.3 million. The general fee of \$896,562 was on budget. State subsidy exceeded budget by \$336,110 (5.5%). The Hamilton campus budget assumed \$1.1 million in underspending for salaries and benefits. Actual underspending on salaries and benefits exceeded this expectation by \$1.3 million. The budget also assumed a year-end return from the benefit recovery fund of \$290,404. The actual year-end benefit return was \$671,397, or \$380,993 higher than budget. Spending for utilities was \$70,108 below budget. Departmental support expenses were over budget by \$634,199 for the fiscal year. The original budget assumed a \$900,852 transfer in from the

unobligated fund balance that was not necessary due to revenue and expenses performing better than budgeted. Finally, the above financial results exclude \$1.8 million in depreciation expense and there was no contribution to the Hamilton facility renewal and replacement fund.

The Middletown campus general fund balance had a deficit of \$211,770. Net tuition for the campus was \$13.1 million, ending the year just short of the budget even though cross campus tuition exceeded the budget by \$240,015. State subsidy for the campus exceeded budget by \$119,598 (2.9%). The Middletown campus budget assumed \$1.4 million in underspending for salaries and benefits. Actual underspending on salaries and benefits were \$335,935 more than budgeted. The Middletown budget included a \$482,023 transfer from the unobligated fund balance that was not necessary due to the campus performing close to budget. Depreciation expense in the amount of \$1.7 million is not reflected in the results. No transfers were recorded to the Middletown facility renewal and replacement.

Voice of America Learning Center (VOALC)

Funding for the VOALC is transferred from the other campuses as follows: Oxford (50%), Hamilton (25%), and Middletown (25%). The VOALC surplus \$16,709 primarily resulted from a debt services being \$27,644 lower than budget resulting from the refunding of the 2007 series bonds.

Investments

Global capital markets showed remarkable strength during the first half of the fiscal year, aided by federal tax law changes and the expectation for strong corporate earnings that would drive improved economic growth. The current economic cycle in the United States has entered its ninth year of expansion, the second longest on record. Plenty of threats persist, including continued interest rate increases by the U.S. Federal Reserve and concerns over tariffs and trade wars, all of which contributed to flat capital markets in the second half of the fiscal year and increased volatility after an extended period of extremely low levels. While rising interest rates boosted yields on operating cash balances, it presented a challenge in other parts of the non-endowment pool, especially in the short-intermediate term bond exposure. The total non-endowment pool earned +3.0% for the fiscal year as continued robust global equity markets and tighter credit spreads helped the absolute return strategies post solid results of +5.9% for the year.

DESIGNATED AND RESTRICTED FUNDS

The designated and restricted funds consist of numerous individual accounts. Designated funds are largely small self-supporting operations that are primarily managed by chairs, directors, and other department heads. The designated fund is also used to segregate funds set aside for major initiatives. Total designated fund balances increased by \$36.1 million while restricted fund balances increased by \$1.0 million. The designated fund balances grew by \$30.9 million due to the creation of the Boldly Creative Strategic Academic Initiative Fund. The fund was funded through a \$8 million transfer from the unallocated fund balance and \$22.9 million from carryforward balances. Academic divisions will contribute an additional \$8.3 million in each FY19 and FY20 for a total fund of \$50 million. Total restricted fund revenues were under budget by \$1.0 million. In total, 90.4% of the restricted fund revenues are attributable to grants and contracts (\$36.0 million) and donor restricted gifts (\$23.5 million).

BUDGET CONTINGENCIES AND RESERVES

Included in the attachments is a detailed schedule providing information on the status of the reserves. Total balances increased by \$59.4 million or 10.0 percent before consideration of the change in the pension liability. Also enclosed later in the packet is a separate schedule summarizing the budget carry forward balances.

AUXILIARIES

The “Financial Analysis – Auxiliary Units” report provides details for each auxiliary enterprise. Most auxiliary enterprises were self-sustaining for the year.

Auxiliary revenues were under budget by \$0.2 million and auxiliary expenses were under budget by \$5.2 million. The positive performance is primarily attributable to lower than expected spending for benefits, utilities and operating expenses. Because of the performance, Utility Enterprise (\$1.9 million), Transportation Services (\$400,000), and Residence and Dining Hall (\$3 million) had the capacity to transfer an additional \$5.0 million to their renewal and replacement accounts above what had been budgeted. Several auxiliary enterprises had deficits in their operating activity. Intercollegiate Athletics’ had a deficit of \$600,294 in their unrestricted fund due to operating expenses exceeding budget. The ICA deficit was partially offset by designated and restricted funds resulting in all funds deficit of \$231,180. Marcum Conference Center had a lower contribution the CR&R of \$36,556 due to revenues being lower than budget. The Shriver Center also had a lower contribution to CR&R of \$278,281. Student Health Services had a deficit of \$547,731 due to fewer lower than expected margins on pharmacy and fewer patients visits.

Preliminary & Unaudited

MIAMI UNIVERSITY
FY2018 Forecast
Oxford General Fund Only
As of June 30, 2018

	Original Budget	June End-of-Year Forecast	June Budget to Forecast	April End-of-Year Forecast
REVENUES:				
Instructional & OOS Surcharge	\$ 386,632,557	\$ 379,252,173	\$ (7,380,384)	\$ 382,145,451
Less Cohort Financial Aid Discount	75,857,168	76,419,614	562,446	76,352,323
Net Instructional Fee & Out-of-State Surcharge	310,775,389	302,832,559	(7,942,830)	305,793,128
General	49,044,182	49,450,888	406,706	49,653,199
Other Student Revenue	2,676,500	2,569,122	(107,378)	2,676,500
<i>Tuition, Fees and Other Student Charges</i>	<i>362,496,071</i>	<i>354,852,569</i>	<i>(7,643,502)</i>	<i>358,122,827</i>
State Appropriations	64,310,787	64,160,554	(150,233)	64,007,384
Investment Income	5,325,000	17,313,390	11,988,390	5,325,000
Other Revenue	1,370,000	2,394,654	1,024,654	1,370,000
Total Revenues	\$ 433,501,858	\$ 438,721,167	\$ 5,219,309	\$ 428,825,211
EXPENDITURES:				
Salaries	186,212,173	179,082,941	(7,129,232)	181,530,342
Benefits	37,440,370	31,255,280	(6,185,090)	36,951,948
Healthcare Expense	29,777,530	24,858,329	(4,919,201)	29,389,071
Graduate Assistant, Fellowships & Fee Waivers	31,862,520	16,926,417	(14,936,103)	22,664,857
Undergraduate Scholarships & Student Waivers	13,945,519	14,685,011	739,492	14,001,372
Utilities	13,579,822	13,011,887	(567,935)	13,579,822
Departmental Support Expenditures	24,728,035	35,419,789	10,691,754	24,728,035
Multi-year Expenditures	5,578,792	3,996,164	(1,582,628)	5,578,792
Total Expenditures	\$ 343,124,761	\$ 319,235,818	\$ (23,888,943)	\$ 328,424,239
DEBT SERVICE AND TRANSFERS:				
General Fee	(48,554,465)	(48,554,465)	-	(48,554,465)
Capital, Renewal & Replacement	(14,980,000)	(14,980,000)	-	(14,980,000)
Debt Service	(8,034,810)	(7,619,249)	415,561	(8,034,810)
Support for VOALC (50%)	(585,358)	(585,358)	-	(585,358)
Other Miscellaneous Operational Transfers	(5,848,686)	(4,907,940)	940,746	(5,848,686)
Other Transfers (net)	750,000	755,505	5,505	750,000
Total Debt Service and Transfers	\$ (77,253,319)	\$ (75,891,507)	\$ 1,361,812	\$ (77,253,319)
<i>Net Revenues/(Expenditures) Before Adjustments</i>	<i>\$ 13,123,778</i>	<i>\$ 43,593,842</i>	<i>\$ 30,470,064</i>	<i>\$ 23,147,653</i>
ADJUSTMENTS:				
Departmental Budgetary Carryforward	-	1,273,593	1,273,593	5,326,529
Strategic Investment Funding - Unallocated Funds	-	(8,016,000)	(8,016,000)	(8,016,000)
Strategic Investment Funding - Divisional Carryforw	-	(21,944,374)	(21,944,374)	(21,944,374)
Reserve for Carry Forward	-	21,944,374	21,944,374	21,944,374
Divisional Revenue Carry Forward	-	(19,291,903)	(19,291,903)	-
Reserve for Investment Fluctuations	-	(17,988,390)	(17,988,390)	-
Reserve for Encumbrances	-	1,157,188	1,157,188	-
Future Student Facilities CR&R	-	(6,000,000)	(6,000,000)	-
Net Increase/(Decrease) in Fund Balance	\$ 13,123,778	\$ (5,271,670)	\$ (18,395,448)	\$ 20,458,182

Preliminary & Unaudited

MIAMI UNIVERSITY
FY2018 Forecast
Hamilton General Fund Only
As of June 30, 2018

	Original <u>Budget</u>	June End-of-Year <u>Forecast</u>	June Budget to <u>Forecast</u>	April End-of-Year <u>Forecast</u>
REVENUES:				
Instructional & OOS Surcharge - Regional Students	\$ 14,153,241	\$ 14,482,632	\$ 329,391	\$ 14,553,060
Instructional & OOS Surcharge - Cross Campus	3,243,258	3,301,264	58,007	3,165,528
Less Continuing & New Scholarships	864,740	797,977	(66,763)	846,898
Net Instructional Fee & Out-of-State Surcharge	16,531,759	16,985,919	454,160	16,871,690
General	888,845	896,562	7,717	896,846
Other Student Revenue	193,500	145,422	(48,078)	148,407
<i>Tuition, Fees and Other Student Charges</i>	<i>17,614,104</i>	<i>18,027,902</i>	<i>413,798</i>	<i>17,916,943</i>
State Appropriations - SSI	6,148,412	6,484,522	336,110	6,491,921
State Appropriations - CCP	350,054	477,497	127,443	386,221
Investment Income	50,000	66,527	16,527	50,000
Other Revenue	79,500	63,345	(16,155)	62,865
Total Revenues	\$ 24,242,070	\$ 25,119,794	\$ 877,724	\$ 24,907,950
EXPENDITURES:				
Salaries	14,977,115	14,977,115	-	14,977,115
Allowance for Unspent Salaries	(804,938)	(1,705,423)	(900,485)	(1,443,194)
Benefits	3,198,038	3,198,038	-	3,198,038
Allowance for Unspent Benefits	(300,564)	(688,384)	(387,820)	(558,549)
Healthcare Expense	2,209,691	2,209,691	-	2,209,691
Anticipated Benefit Recovery	(290,404)	(671,397)	(380,993)	(290,404)
Graduate Assistant Fee Waivers	-	-	-	-
Utilities	619,000	548,892	(70,108)	542,746
Departmental Support Expenditures	4,984,561	5,618,760	634,199	4,984,561
Multi-year Expenditures	-	1,095	1,095	-
Total Expenditures	\$ 24,592,499	\$ 23,488,387	(1,104,112)	\$ 23,620,004
DEBT SERVICE AND TRANSFERS:				
General Fee	(257,744)	(259,752)	(2,008)	(257,744)
Capital, Renewal & Replacement	-	-	-	-
Debt Service	-	-	-	-
Support for VOALC (25%)	(292,679)	(292,679)	-	(292,679)
Other Miscellaneous Operational Transfers	-	(518,864)	(518,864)	-
Total Debt Service and Transfers	\$ (550,423)	\$ (1,071,295)	\$ (520,872)	\$ (550,423)
<i>Net Revenues/(Expenditures) Before Adjustments</i>	<i>\$ (900,852)</i>	<i>\$ 560,112</i>	<i>\$ 1,460,964</i>	<i>\$ 737,522</i>
ADJUSTMENTS:				
Departmental Budgetary Carryforward	-	-	-	-
Divisional Budgetary Carryforward	-	168,779	168,779	(847,495)
Strategic Investment Funding - Divisional Carryforward	-	(344,928)	(344,928)	(344,928)
Reserve for Carry Forward	-	344,928	344,928	344,928
Transfer from Fund Balance	900,852	-	(900,852)	900,852
Reserve for Encumbrances	-	117,564	117,564	-
Reserve for Investment Fluctuations	-	-	-	-
Reserve for Future Budgets	-	-	-	-
Net Increase/(Decrease) in Fund Balance	\$ -	\$ 846,455	\$ 846,455	\$ 790,880

Preliminary & Unaudited

MIAMI UNIVERSITY
FY2018 Forecast
Middletown General Fund Only
As of June 30, 2018

	Original Budget	June End-of-Year Forecast	June Budget to Forecast	April End-of-Year Forecast
REVENUES:				
Instructional & OOS Surcharge - Regional Students	\$ 12,774,298	\$ 12,280,255	\$ (494,043)	\$ 12,306,866
Instructional & OOS Surcharge - Cross Campus	1,756,742	1,996,758	240,015	2,014,555
Less Continuing & New Scholarships	1,188,270	1,170,245	(18,025)	1,176,253
Net Instructional Fee & Out-of-State Surcharge	13,342,770	13,106,768	(236,003)	13,145,168
General	572,704	589,718	17,014	591,059
Other Student Revenue	80,700	94,498	13,798	97,436
<i>Tuition, Fees and Other Student Charges</i>	<i>13,996,174</i>	<i>13,790,984</i>	<i>(205,190)</i>	<i>13,833,664</i>
State Appropriations - SSI	4,154,309	4,273,907	119,598	4,278,784
State Appropriations - CCP	642,582	785,016	142,433	690,303
Investment Income	50,000	79,878	29,878	50,000
Other Revenue	10,402	7,141	(3,261)	8,236
Total Revenues	\$ 18,853,468	\$ 18,936,925	\$ 83,457	\$ 18,860,988
EXPENDITURES:				
Salaries	11,541,567	11,541,567	-	11,541,567
Allowance for Unspent Salaries	(1,044,942)	(1,354,101)	(309,159)	(1,338,959)
Benefits	2,466,718	2,466,718	-	2,466,718
Allowance for Unspent Benefits	(403,347)	(430,123)	(26,776)	(380,919)
Healthcare Expense	1,528,996	1,528,996	-	1,528,996
Anticipated Benefit Recovery	(209,596)	(509,759)	(300,163)	(209,596)
Graduate Assistant Fee Waivers	-	-	-	-
Utilities	477,500	423,443	(54,057)	376,014
Departmental Support Expenditures	4,231,658	4,282,416	50,758	4,231,658
Multi-year Expenditures	-	-	-	12,479
Total Expenditures	\$ 18,588,554	\$ 17,949,156	(639,397)	\$ 18,227,957
DEBT SERVICE AND TRANSFERS:				
General Fee	(182,039)	(198,053)	(16,014)	(182,039)
Capital, Renewal & Replacement	-	-	-	-
Debt Service	(272,219)	(242,106)	30,113	(272,219)
Support for VOALC (25%)	(292,679)	(292,679)	-	(292,679)
Other Miscellaneous Operational Transfers	-	(562,078)	(562,078)	-
Total Debt Service and Transfers	\$ (746,937)	\$ (1,294,916)	\$ (547,979)	\$ (746,937)
<i>Net Revenues/(Expenditures) Before Adjustments</i>	<i>\$ (482,023)</i>	<i>\$ (307,147)</i>	<i>\$ 174,876</i>	<i>\$ (113,907)</i>
ADJUSTMENTS:				
Departmental Budgetary Carryforward	-	-	-	-
Divisional Budgetary Carryforward	-	152,228	152,228	(235,596)
Strategic Investment Funding - Divisional Carryforward	-	(392,982)	(392,982)	(392,982)
Reserve for Carry Forward	-	392,982	392,982	392,982
Transfer from Fund Balance	482,023	-	(482,023)	482,023
Reserve for Encumbrances	-	(56,852)	(56,852)	-
Reserve for Investment Fluctuations	-	-	-	-
Reserve for Future Budgets	-	-	-	-
Net Increase/(Decrease) in Fund Balance	\$ 0	\$ (211,770)	\$ (211,770)	\$ 132,520

Preliminary & Unaudited

MIAMI UNIVERSITY
 FY2018 Forecast
Voice of America Learning Center General Fund Only
As of June 30, 2018

	Original <u>Budget</u>	June End-of-Year <u>Forecast</u>	June Budget to <u>Forecast</u>	April End-of-Year <u>Forecast</u>
REVENUES:				
Instructional & OOS Surcharge	\$ -		\$ -	
Less Continuing & New Scholarships	-		-	
Net Instructional Fee & Out-of-State Surcharge	-		-	
General	-		-	
Other Student Revenue	-		-	
<i>Tuition, Fees and Other Student Charges</i>	-		-	
State Appropriations	-		-	
Investment Income	-		-	
Other Revenue	35,000	32,072	(2,928)	35,000
Total Revenues	\$ 35,000	\$ 32,072	\$ (2,928)	\$ 35,000
EXPENDITURES:				
Salaries	242,641	242,855	214	242,641
Benefits	49,572	41,278	(8,294)	49,572
Healthcare Expense	48,698	35,621	(13,077)	48,698
Graduate Assistant Fee Waivers	-	-	-	-
Utilities	59,900	41,251	(18,649)	41,000
Departmental Support Expenditures	271,558	306,332	34,774	271,558
Multi-year Expenditures	-	-	-	-
Total Expenditures	\$ 672,369	\$ 667,337	\$ (5,032)	\$ 653,469
DEBT SERVICE AND TRANSFERS:				
General Fee	-	-	-	-
Capital, Renewal & Replacement	(35,300)	(35,300)	-	(35,300)
Debt Service	(498,047)	(470,403)	27,644	(498,047)
Support for VOALC Transfers	1,170,716	1,170,716	-	1,170,716
Other Miscellaneous Operational Transfers	-	(10,985)	(10,985)	-
Total Debt Service and Transfers	\$ 637,369	\$ 654,028	\$ 16,659	\$ 637,369
<i>Net Revenues/(Expenditures) Before Adjustments</i>	\$ -	\$ 18,763	18,763	\$ 18,900
ADJUSTMENTS:				
Departmental Budgetary Carryforward	-	-	-	-
Divisional Budgetary Carryforward	-	17,358	17,358	(18,900)
Strategic Investment Funding - Divisional Carryfor	-	(4,476)	(4,476)	(4,476)
Reserve for Carry Forward	-	4,476	4,476	4,476
Reserve for Encumbrances	-	(19,412)	(19,412)	-
Reserve for Investment Fluctuations	-	-	-	-
Reserve for Future Budgets	-	-	-	-
Net Increase/(Decrease) in Fund Balance	\$ -	\$ 16,709	\$ 16,709	\$ -

Preliminary & Unaudited

Miami University Total Budget vs Actual As of June 30, 2017						
	Oxford	Hamilton	Middletown	VOALC	Total	Original Budget
REVENUES:						
General Fund						
Tuition & Fees, Net	\$ 354,852,569	\$ 18,027,902	\$ 13,790,984	\$ -	\$ 386,671,455	\$ 394,106,349
State Appropriations	64,160,554	6,962,019	5,058,923	-	76,181,496	75,606,144
Other Income	19,708,044	129,872	87,019	32,072	19,957,007	6,919,902
Total General Funds	\$ 438,721,167	\$ 25,119,794	\$ 18,936,925	\$ 32,072	\$ 482,809,958	\$ 476,632,396
Auxiliary Enterprises						
Revenue	\$ 147,528,094	\$ -	\$ -	\$ -	\$ 147,528,094	\$ 147,835,332
General Fee Support	\$ 36,083,896	-	-	-	\$ 36,083,896	\$ 36,623,896
Total Auxiliary Funds	\$ 183,611,990	\$ -	\$ -	\$ -	\$ 183,611,990	\$ 184,459,228
Other Funds						
Designated	\$ 37,644,115	\$ 416,073	\$ 2,122,940	\$ 28	\$ 40,183,156	\$ 46,152,445
Restricted	53,115,062	6,016,312	3,227,830	5,575	62,364,779	61,637,812
Total Other Funds	\$ 90,759,177	\$ 6,432,385	\$ 5,350,770	\$ 5,603	\$ 102,547,935	\$ 107,790,257
Total Revenues	\$ 713,092,334	\$ 31,552,179	\$ 24,287,695	\$ 37,675	\$ 768,969,883	\$ 768,881,881
EXPENDITURES AND TRANSFERS:						
General Fund						
Salaries	\$ 179,082,941	\$ 13,271,692	\$ 10,187,466	\$ 242,855	\$ 202,784,954	\$ 211,123,616
Benefits	56,113,609	4,047,948	3,055,832	76,899	63,294,288	75,515,702
Graduate Fellowships & Fee Waivers	16,926,417	-	-	-	16,926,417	31,862,520
Undergraduate Scholarships & Fee Waivers	14,685,011	-	-	-	14,685,011	13,945,519
Support (non-personnel)	52,427,840	6,168,747	4,705,859	347,583	63,650,029	54,530,826
Net Transfers	124,757,019	784,952	1,199,540	(651,974)	126,089,537	76,530,435
Total General Funds	\$ 443,992,837	\$ 24,273,339	\$ 19,148,696	\$ 15,363	\$ 487,430,235	\$ 463,508,618
Auxiliary Enterprises						
Expenditures	\$ 111,849,454	\$ -	\$ -	\$ -	\$ 111,849,454	\$ 117,503,397
Net Transfers	71,863,362	-	-	-	71,863,362	66,955,831
Total Auxiliary Funds	\$ 183,712,816	\$ -	\$ -	\$ -	\$ 183,712,816	\$ 184,459,228
Other Funds						
Designated Expenditures	\$ 38,780,036	\$ 360,355	\$ 1,818,842	\$ -	\$ 40,959,233	\$ 46,152,445
Net Transfers	(36,514,325)	(174,380)	(142,608)	-	\$ (36,831,313)	-
Total Designated Funds	\$ 2,265,711	\$ 185,975	\$ 1,676,234	\$ -	\$ 4,127,920	\$ 46,152,445
Restricted Expenditures	\$ 50,013,330	\$ 5,791,263	\$ 3,234,761	\$ 406	\$ 59,039,760	\$ 61,637,812
Net Transfers	2,306,443	2,266	(25,317)	-	2,283,392	-
Total Restricted Funds	\$ 52,319,773	\$ 5,793,529	\$ 3,209,444	\$ 406	\$ 61,323,152	\$ 61,637,812
Total Expenditures and Transfers	\$ 680,025,426	\$ 30,066,868	\$ 22,358,140	\$ 15,769	\$ 732,466,203	\$ 709,605,658
NET INCREASE/(DECREASE) IN FUND BALANCE						
General Fund	(\$5,271,670)	\$846,455	\$ (211,770)	\$16,709	(\$4,620,277)	\$13,123,778
Designated Funds	35,378,404	230,098	446,706	28	36,055,236	0
Restricted Funds	795,289	222,783	18,386	5,169	1,041,627	0
Auxiliary Enterprise Funds	(100,826)	0	0	0	(100,826)	0
Total Net Increase/(Decrease) in Fund Balance	\$30,801,197	\$1,299,336	\$253,322	\$21,906	\$32,375,760	\$13,123,778

Preliminary & Unaudited

MIAMI UNIVERSITY
Financial Analysis - by Operational Unit (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016		FY2017		FY2018			
	Year-end Actual	Year-end Actual	Budget	Year-end Actual	Variance	% of '18 Budget	% Change from '17 Year End	
<u>College of Arts & Sciences</u>								
Salary	\$ 50,511,533	\$ 54,092,580	\$ 58,627,640	\$ 55,391,368	\$ (3,236,272)	94.5%	2.4%	
Benefits	14,885,426	15,164,671	19,984,907	16,251,298	\$ (3,733,609)	81.3%	7.2%	
Scholarships & Fellowships	8,598,542	9,387,494	11,106,110	9,715,232	\$ (1,390,878)	87.5%	3.5%	
Departmental Support Expenses	5,036,229	4,890,086	7,115,064	5,457,166	\$ (1,657,898)	76.7%	11.6%	
Total Expenses	79,031,730	83,534,831	96,833,721	86,815,064	(10,018,657)	89.7%	3.9%	
<u>College of Education, Health, and Society</u>								
Salary	13,241,064	14,280,754	14,577,924	14,558,439	\$ (19,485)	99.9%	1.9%	
Benefits	4,004,222	4,010,633	5,024,773	4,200,871	\$ (823,902)	83.6%	4.7%	
Scholarships & Fellowships	1,478,657	1,532,931	2,175,970	1,757,175	\$ (418,795)	80.8%	14.6%	
Departmental Support Expenses	1,464,698	1,593,055	2,396,290	1,687,944	\$ (708,346)	70.4%	6.0%	
Total Expenses	20,188,641	21,417,373	24,174,957	22,204,429	(1,970,528)	91.8%	3.7%	
<u>College of Engineering and Computing</u>								
Salary	7,429,027	7,867,475	7,628,237	8,649,691	\$ 1,021,454	113.4%	9.9%	
Benefits	2,354,964	2,340,509	2,880,777	2,647,657	\$ (233,120)	91.9%	13.1%	
Scholarships & Fellowships	545,205	567,513	621,706	677,959	\$ 56,253	109.0%	19.5%	
Departmental Support Expenses	841,509	1,050,889	587,302	1,236,007	\$ 648,705	210.5%	17.6%	
Total Expenses	11,170,705	11,826,386	11,718,022	13,211,314	1,493,292	112.7%	11.7%	
<u>Farmer School of Business</u>								
Salary	20,226,232	22,537,231	20,764,626	23,599,921	\$ 2,835,295	113.7%	4.7%	
Benefits	6,345,196	6,858,968	8,044,177	7,498,205	\$ (545,972)	93.2%	9.3%	
Scholarships & Fellowships	739,669	493,811	932,558	468,272	\$ (464,286)	50.2%	-5.2%	
Departmental Support Expenses	1,977,983	2,612,230	3,301,666	2,486,473	\$ (815,193)	75.3%	-4.8%	
Total Expenses	29,289,080	32,502,240	33,043,027	34,052,871	1,009,844	103.1%	4.8%	
<u>College of Creative Arts</u>								
Salary	9,366,603	10,149,777	10,664,522	10,254,633	\$ (409,889)	96.2%	1.0%	
Benefits	2,893,580	3,006,968	3,905,232	3,062,501	\$ (842,731)	78.4%	1.8%	
Scholarships & Fellowships	1,306,539	1,438,637	1,610,783	1,289,352	\$ (321,431)	80.0%	-10.4%	
Departmental Support Expenses	970,307	978,987	1,301,067	1,093,514	\$ (207,553)	84.0%	11.7%	
Total Expenses	14,537,029	15,574,369	17,481,604	15,700,000	(1,781,604)	89.8%	0.8%	

MIAMI UNIVERSITY
Financial Analysis - by Operational Unit (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016 Year-end Actual	FY2017 Year-end Actual	FY2018				
			Budget	Year-end Actual	Variance	% of '18 Budget	% Change from '17 Year End
<u>Dolibois European Center - Luxemburg</u>							
Salary	805,509	894,756	1,239,938	1,033,391	\$ (206,547)	83.3%	15.5%
Benefits	251,490	297,789	603,180	169,985	\$ (433,195)	28.2%	-42.9%
Utilities	30,662	19,109	31,272	27,691	\$ (3,581)	88.5%	44.9%
Departmental Support Expenses	308,792	195,371	416,376	212,738	\$ (203,638)	51.1%	8.9%
Total Expenses	1,396,453	1,407,025	2,290,766	1,443,805	(846,961)	63.0%	2.6%
<u>Graduate School</u>							
Salary	2,327,333	2,690,926	2,736,181	2,866,367	\$ 130,186	104.8%	6.5%
Benefits	541,621	670,512	721,969	626,370	\$ (95,599)	86.8%	-6.6%
Scholarships & Fellowships	14,214,615	10,914,888	13,410,674	5,256,660	\$ (8,154,014)	39.2%	-51.8%
Departmental Support Expenses	362,381	375,573	757,779	489,768	\$ (268,011)	64.6%	30.4%
Total Expenses	17,445,950	14,651,899	17,626,603	9,239,165	(8,387,438)	52.4%	-36.9%
<u>Other Provost Departments</u>							
Salary	8,207,028	7,818,797	10,619,541	8,492,701	\$ (2,126,840)	80.0%	8.6%
Benefits	2,661,391	2,541,876	4,275,928	2,941,190	\$ (1,334,738)	68.8%	15.7%
Scholarships & Fellowships	1,051,063	962,799	661,522	964,582	\$ 303,060	145.8%	0.2%
Utilities	349	462	-	838	\$ 838	N/A	81.4%
Departmental Support Expenses	5,880,645	6,105,292	8,428,392	6,173,889	\$ (2,254,503)	73.3%	1.1%
Total Expenses	17,800,476	17,429,226	23,985,383	18,573,200	(5,412,183)	77.4%	6.6%
<u>Total Provost Office</u>							
Salary	112,114,329	120,332,296	126,858,609	124,846,511	(2,012,098)	98.4%	3.8%
Benefits	33,937,890	34,891,926	45,440,943	37,398,077	(8,042,866)	82.3%	7.2%
Scholarships & Fellowships	27,934,290	25,298,073	30,519,323	20,129,232	(10,390,091)	66.0%	-20.4%
Utilities	31,011	19,571	31,272	28,529	(2,743)	91.2%	45.8%
Departmental Support Expenses	16,842,544	17,801,483	24,303,936	18,837,499	(5,466,437)	77.5%	5.8%
Total Expenses	190,860,064	198,343,349	227,154,083	201,239,848	(25,914,235)	88.6%	1.5%

MIAMI UNIVERSITY
Financial Analysis - by Operational Unit (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016	FY2017	FY2018				
	Year-end Actual	Year-end Actual	Budget	Year-end Actual	Variance	% of '18 Budget	% Change from '17 Year End
<u>Physical Facilities</u>							
Salary	12,170,905	12,095,365	17,223,400	15,346,315	\$ (1,877,085)	89.1%	26.9%
Benefits	4,183,538	4,017,821	6,913,799	5,445,823	\$ (1,467,976)	78.8%	35.5%
Utilities	13,103,268	13,028,831	13,548,550	12,983,324	\$ (565,226)	95.8%	-0.3%
Departmental Support Expenses	(124,222)	(85,999)	(3,763,146)	(3,778,347)	\$ (15,201)	100.4%	4293.5%
Total Expenses	29,333,489	29,056,018	33,922,603	29,997,115	(3,925,488)	88.4%	3.2%
<u>Other Finance & Business Services Departments</u>							
Salary	7,542,931	7,884,249	8,899,166	8,464,090	\$ (435,076)	95.1%	7.4%
Benefits	2,601,860	2,676,452	3,592,519	2,843,728	\$ (748,791)	79.2%	6.2%
Departmental Support Expenses	1,757,983	1,871,166	2,186,163	2,190,569	\$ 4,406	100.2%	17.1%
Total Expenses	11,902,774	12,431,867	14,677,848	13,498,387	(1,179,461)	92.0%	8.6%
<u>Enrollment Management & Student Success</u>							
Salary	6,633,030	6,979,677	7,639,986	7,160,353	\$ (479,633)	93.7%	2.6%
Benefits	2,299,750	2,310,941	3,066,705	2,479,666	\$ (587,039)	80.9%	7.3%
Scholarships & Fellowships	71,314,121	82,602,450	90,183,275	88,791,318	\$ (1,391,957)	98.5%	7.5%
Departmental Support Expenses	3,563,021	4,471,431	4,602,171	4,966,507	\$ 364,336	107.9%	11.1%
Total Expenses	83,809,922	96,364,499	105,492,137	103,397,844	(2,094,293)	98.0%	7.3%
<u>President</u>							
Salary	4,425,363	4,902,634	5,279,689	4,515,020	\$ (764,669)	85.5%	-7.9%
Benefits	1,455,222	1,586,930	2,133,887	1,581,830	\$ (552,057)	74.1%	-0.3%
Departmental Support Expenses	4,425,995	3,373,602	4,401,766	3,777,969	\$ (623,797)	85.8%	12.0%
Total Expenses	10,306,580	9,863,166	11,815,342	9,874,819	(1,940,523)	83.6%	0.1%
<u>Student Life</u>							
Salary	5,474,271	5,707,052	6,349,491	6,012,989	\$ (336,502)	94.7%	5.4%
Benefits	1,865,580	1,905,373	2,403,827	2,009,080	\$ (394,747)	83.6%	5.4%
Scholarships & Fellowships	718,069	615,702	962,609	553,998	\$ (408,611)	57.6%	-10.0%
Departmental Support Expenses	(1,469,010)	(862,491)	(2,074,035)	(1,511,310)	\$ 562,725	72.9%	75.2%
Total Expenses	6,588,910	7,365,636	7,641,892	7,064,757	(577,135)	92.4%	-4.1%

MIAMI UNIVERSITY
Financial Analysis - by Operational Unit (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016 Year-end Actual	FY2017 Year-end Actual	FY2018				
			Budget	Year-end Actual	Variance	% of '18 Budget	% Change from '17 Year End
University Advancement							
Salary	4,210,985	4,470,791	5,018,415	4,714,696	\$ (303,719)	93.9%	5.5%
Benefits	1,473,292	1,498,312	2,017,552	1,638,522	\$ (379,030)	81.2%	9.4%
Departmental Support Expenses	279,421	411,731	378,434	311,303	\$ (67,131)	82.3%	-24.4%
Total Expenses	5,963,698	6,380,834	7,414,401	6,664,521	(749,880)	89.9%	4.4%
Information Technology							
Salary	7,219,908	7,954,444	9,066,042	8,022,967	\$ (1,043,075)	88.5%	0.9%
Benefits	2,500,693	2,600,968	3,671,746	2,784,561	\$ (887,185)	75.8%	7.1%
Departmental Support Expenses	2,510,991	3,464,379	3,192,227	2,564,626	\$ (627,601)	80.3%	-26.0%
Total Expenses	12,231,592	14,019,791	15,930,015	13,372,154	(2,557,861)	83.9%	-4.6%
Centrally Budgeted Funds							
Departmental Support Expenses	791,303	1,038,153	3,721,144	1,350,677	\$ (2,370,467)	36.3%	30.1%
Total Expenses	791,303	1,038,153	3,721,144	1,350,677	(2,370,467)	36.3%	30.1%
Grand Total							
Salary	159,796,525	170,326,508	186,334,798	179,082,941	(7,251,857)	96.1%	5.1%
Benefits	50,329,487	51,488,723	69,240,978	56,181,287	(13,059,691)	81.1%	9.1%
Scholarships & Fellowships	99,966,480	108,516,225	121,665,207	109,474,548	(12,190,659)	90.0%	0.9%
Utilities	13,134,279	13,048,402	13,579,822	13,011,853	(567,969)	95.8%	-0.3%
Departmental Support Expenses	28,561,561	27,792,841	31,569,868	24,713,329	(6,856,539)	78.3%	-11.1%
Admin Service Charge	(8,106,724)	(8,591,703)	(8,787,536)	(8,787,536)	\$ -	100.0%	2.3%
Multi Year Accounts	5,450,650	3,690,614	5,378,792	3,996,164	\$ (1,382,628)	74.3%	8.3%
Total Expenses	\$ 349,132,258	\$ 366,271,610	\$ 418,981,929	\$ 377,672,586	\$ (41,309,343)	90.1%	3.1%

Note: Excludes Transfers

Preliminary & Unaudited

MIAMI UNIVERSITY
Financial Analysis - Auxiliary Units (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016 Year-end Actual	FY2017 Year-end Actual	FY2018				
			Budget	Year-end Actual	Variance	% of 18 Budget	% Change From '17 Year-end
<u>Residence & Dining Halls</u>							
Revenue	99,638,990	105,943,495	110,447,424	110,277,109	(170,315)	100%	4%
General Fee Support	-	-	-	-	-	0%	0%
Total Sources	99,638,990	105,943,495	110,447,424	110,277,109	(170,315)	100%	4%
Salary	15,804,557	16,838,578	14,550,904	13,836,869	(714,035)	95%	-22%
Benefits	4,652,453	4,791,283	4,910,517	3,910,901	(999,616)	80%	-23%
Utilites	5,944,432	6,274,049	6,515,326	6,382,869	(132,457)	98%	2%
Charge Outs	(2,643,816)	(2,932,594)	(3,196,180)	(2,869,051)	327,129	90%	-2%
Operating Expenses	36,201,431	29,818,206	36,145,434	34,415,008	(1,730,426)	95%	13%
Inventory Purchases	110,809	4,829,612	4,652,528	4,393,291	(259,237)	94%	-10%
Debt Service	33,873,421	35,973,640	41,513,414	41,597,907	84,493	100%	14%
Total Uses	93,943,287	95,592,774	105,091,943	101,667,794	(3,424,149)	97%	6%
Net Before Non-Mandatory Transfers	5,695,703	10,350,721	5,355,481	8,609,315	3,253,834	161%	-20%
Net Transfers	(5,695,116)	(10,350,679)	(5,355,481)	(5,478,456)	(122,975)	102%	-89%
Net Total	586	42	-	3,130,859	3,130,859	100%	100%
<u>Shriver Center</u>							
Revenue	24,823,840	21,146,520	15,637,195	15,835,073	197,878	101%	-34%
General Fee Support	872,081	913,124	923,487	923,487	-	100%	1%
Total Sources	25,695,921	22,059,644	16,560,682	16,758,560	197,878	101%	-32%
Salary	3,935,687	3,431,352	3,399,136	3,237,648	(161,488)	95%	-6%
Benefits	1,011,391	891,145	1,047,946	864,833	(183,113)	83%	-3%
Utilities	357,640	320,957	341,018	329,640	(11,378)	97%	3%
Charge Outs	(568,324)	(650,218)	(415,148)	(406,563)	8,585	98%	-60%
Operating Expenses	4,742,294	3,173,526	2,923,729	2,680,015	(243,714)	92%	-18%
Inventory Purchases	14,311,319	12,506,258	7,708,992	8,655,010	946,018	112%	-44%
Debt Service	47,197	47,218	46,852	46,852	-	100%	-1%
Total Uses	23,837,205	19,720,238	15,052,525	15,407,436	354,911	102%	-28%
Net Before Non-Mandatory Transfers	1,858,716	2,339,406	1,508,157	1,351,124	(157,033)	90%	-73%
Net Transfers	(2,211,453)	(2,165,174)	(1,508,157)	(1,629,405)	(121,248)	108%	-33%
Net Total	(352,737)	174,232	-	(278,281)	(278,281)	100%	163%

MIAMI UNIVERSITY
Financial Analysis - Auxiliary Units (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016 Year-end Actual	FY2017 Year-end Actual	FY2018				
			Budget	Year-end Actual	Variance	% of 18 Budget	% Change From '17 Year-end
<u>Marcum Conference Center</u>							
Revenue	1,525,633	1,517,985	1,652,978	1,442,318	(210,660)	87%	-5%
General Fee Support	-	-	-	-	-	0%	0%
Total Sources	1,525,633	1,517,985	1,652,978	1,442,318	(210,660)	87%	-5%
Salary	486,118	483,368	483,737	454,701	(29,036)	94%	-6%
Benefits	145,333	128,664	155,741	113,607	(42,134)	73%	-13%
Utilities	174,657	163,725	176,082	149,648	(26,434)	85%	-9%
Charge Outs	46,856	46,856	46,131	46,131	-	100%	-2%
Operating Expenses	523,221	539,289	461,615	382,678	(78,937)	83%	-41%
Inventory Purchases	(387)	3,033	3,200	5,637	2,437	176%	46%
Debt Service	-	-	-	-	-	0%	0%
Total Uses	1,375,798	1,364,935	1,326,506	1,152,402	(174,104)	87%	-18%
Net Before Non-Mandatory Transfers	149,835	153,050	326,472	289,916	(36,556)	89%	47%
Net Transfers	(20,782)	(117,472)	(326,472)	(326,472)	-	100%	64%
Net Total	129,053	35,578	-	(36,556)	(36,556)		197%
<u>Intercollegiate Athletics</u>							
Revenue	6,291,209	8,228,849	6,910,615	7,223,469	312,854	105%	-14%
General Fee Support	16,740,318	17,370,800	18,553,653	17,763,652	(790,001)	96%	2%
Designated Revenue	821,856	926,993	762,612	805,879	43,267	106%	-15%
Restricted Revenue	1,640,967	2,477,396	2,028,812	2,328,012	299,200	115%	-6%
Total Sources	25,494,350	29,004,038	28,255,692	28,121,012	(134,680)	100%	-3%
Salary	7,678,815	8,317,925	8,359,409	8,763,986	404,577	105%	5%
Benefits	2,575,561	2,707,561	3,325,084	2,939,687	(385,397)	88%	8%
Utilities	10,623	9,391	2,500	4,836	2,336	193%	-94%
Charge Outs	(112,697)	(126,253)	-	(139,306)	(139,306)	0%	9%
Operating Expenses	14,192,624	14,961,224	13,727,275	14,775,767	1,048,492	108%	-1%
Inventory Purchases	-	-	-	-	-	0%	0%
Debt Service	-	-	-	-	-	0%	0%
Designated Expense	812,397	894,154	762,612	735,643	(26,969)	96%	-22%
Restricted Expense	1,689,041	1,943,519	2,028,812	2,029,134	322	100%	4%
Total Uses	26,846,365	28,698,130	28,205,692	29,109,747	904,055	103%	1%
Net Before Non-Mandatory Transfers	(1,352,015)	305,908	50,000	(988,735)	(1,038,735)	-1977%	131%
Net Transfers	857,801	887,865	(50,000)	757,555	807,555	-1515%	-17%
Net Total	(494,214)	1,193,773	-	(231,180)	(231,180)		616%

MIAMI UNIVERSITY
Financial Analysis - Auxiliary Units (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016 Year-end Actual	FY2017 Year-end Actual	FY2018				
			Budget	Year-end Actual	Variance	% of 18 Budget	% Change From '17 Year-end
Recreation Center							
Revenue	3,133,044	3,102,183	3,262,901	3,013,758	(249,143)	92%	-3%
General Fee Support	3,754,534	3,890,157	3,848,807	3,848,807	-	100%	-1%
Total Sources	6,887,578	6,992,340	7,111,708	6,862,565	(249,143)	96%	-2%
Salary	2,669,289	2,781,868	2,989,189	2,826,216	(162,973)	95%	2%
Benefits	623,838	651,634	817,617	660,094	(157,523)	81%	1%
Utilities	761,447	731,156	762,290	749,916	(12,374)	98%	3%
Charge Outs	-	(1,234)	287,700	-	(287,700)	0%	0%
Operating Expenses	1,490,471	1,528,337	1,251,522	1,346,677	95,155	108%	-13%
Inventory Purchases	330,915	343,928	272,049	276,142	4,093	102%	-25%
Debt Service	-	-	-	-	-	0%	0%
Total Uses	5,875,960	6,035,689	6,380,367	5,859,044	(521,323)	92%	-3%
Net Before Non-Mandatory Transfers	1,011,618	956,651	731,341	1,003,521	272,180	137%	5%
Net Transfers	(854,128)	(870,328)	(731,341)	(732,362)	(1,021)	100%	-19%
Net Total	157,490	86,323	-	271,159	271,159		68%
Goggin Ice Arena							
Revenue	3,546,023	2,017,332	1,797,800	1,862,814	65,014	104%	-8%
General Fee Support	2,201,527	4,286,039	4,322,497	4,322,497	-	100%	1%
Total Sources	5,747,550	6,303,371	6,120,297	6,185,311	65,014	101%	-2%
Salary	1,191,765	1,238,114	1,363,939	1,304,892	(59,047)	96%	5%
Benefits	346,204	368,106	470,490	377,936	(92,554)	80%	3%
Utilities	1,057,027	1,069,012	1,069,600	1,073,959	4,359	100%	0%
Charge Outs	-	-	-	-	-	0%	0%
Operating Expenses	491,666	617,248	597,949	601,219	3,270	101%	-3%
Inventory Purchases	207,398	245,337	205,000	211,756	6,756	103%	-16%
Debt Service	1,755,722	1,827,949	1,826,892	1,826,892	-	100%	0%
Total Uses	5,049,782	5,365,766	5,533,870	5,396,654	(137,216)	98%	1%
Net Before Non-Mandatory Transfers	697,769	937,605	586,427	788,657	202,230	134%	-19%
Net Transfers	(263,883)	(937,163)	(586,427)	(551,161)	35,266	94%	-70%
Net Total	433,885	442	-	237,496	237,496		100%

MIAMI UNIVERSITY
Financial Analysis - Auxiliary Units (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016	FY2017	FY2018				
	Year-end Actual	Year-end Actual	Budget	Year-end Actual	Variance	% of 18 Budget	% Change From '17 Year-end
Student Health Services							
Revenue	2,530,643	3,084,487	3,318,145	3,065,498	(252,647)	92%	-1%
General Fee Support	-	-	-	-	-	0%	0%
Total Sources	2,530,643	3,084,487	3,318,145	3,065,498	(252,647)	92%	-1%
Salary	717,171	701,832	535,524	651,399	115,875	122%	-8%
Benefits	251,677	219,799	216,887	216,079	(808)	100%	-2%
Utilities	7,304	9,093	8,663	12,250	3,587	141%	26%
Charge Outs	-	-	-	-	-	0%	0%
Operating Expenses	1,173,305	2,206,863	2,388,597	2,567,026	178,429	107%	14%
Inventory Purchases	110,130	(40,099)	2,000	-	(2,000)	0%	0%
Debt Service	-	-	-	-	-	0%	0%
Total Uses	2,252,283	3,088,395	3,151,671	3,446,755	295,084	109%	10%
Net Before Non-Mandatory Transfers	278,360	(3,908)	166,474	(381,257)	(547,731)	-229%	99%
Net Transfers	(10,189)	(13,669)	(166,474)	(166,474)	-	100%	92%
Net Total	268,171	(17,577)	-	(547,731)	(547,731)		97%
Transportation Services							
Revenue	4,457,992	2,682,122	2,420,000	2,656,984	236,984	110%	-1%
General Fee Support	199,000	2,500,954	2,567,668	2,567,669	1	100%	3%
Total Sources	4,656,992	5,183,076	4,987,668	5,224,653	236,985	105%	1%
Salary	313,145	217,616	257,105	221,752	(35,353)	86%	2%
Benefits	77,098	64,577	92,758	69,606	(23,152)	75%	7%
Utilities	-	-	-	-	-	0%	0%
Charge Outs	(81,152)	(70,832)	(20,000)	(74,823)	(54,823)	374%	5%
Operating Expenses	2,122,157	1,982,916	2,561,280	2,516,475	(44,805)	98%	21%
Inventory Purchases	-	-	-	-	-	0%	0%
Debt Service	1,532,933	1,629,886	1,661,267	1,566,244	(95,023)	94%	-4%
Total Uses	3,964,181	3,824,163	4,552,410	4,299,253	(253,157)	94%	11%
Net Before Non-Mandatory Transfers	692,811	1,358,913	435,258	925,400	490,142	213%	-47%
Net Transfers	(360,511)	(1,190,101)	(435,258)	(435,258)	-	100%	-173%
Net Total	332,300	168,812	-	490,142	490,142		66%

MIAMI UNIVERSITY
Financial Analysis - Auxiliary Units (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016 Year-end Actual	FY2017 Year-end Actual	FY2018				
			Budget	Year-end Actual	Variance	% of 18 Budget	% Change From '17 Year-end
<u>Utility Enterprise</u>							
Revenue	-	-	-	-	-	0%	0%
General Fee Support	-	-	-	-	-	0%	0%
Total Sources	-	-	-	-	-	0%	0%
Salary	1,317,931	1,446,240	1,668,240	1,511,017	(157,223)	91%	4%
Benefits	446,472	501,568	669,609	528,650	(140,959)	79%	5%
Utilities	9,677,943	9,618,862	11,821,317	9,686,460	(2,134,857)	82%	1%
Charge Outs	(798)	(5,497)	(30,000)	(13,016)	16,984	43%	58%
Expense Recovery	(23,156,304)	(23,538,042)	(24,583,166)	(23,613,835)	969,331	96%	0%
Operating Expenses	1,560,709	1,363,207	1,743,217	1,348,048	(395,169)	77%	-1%
Inventory Purchases	-	-	-	-	-	0%	0%
Debt Service	2,349,215	2,538,984	2,394,588	2,345,921	(48,667)	98%	-8%
Total Uses	(7,804,832)	(8,074,678)	(6,316,195)	(8,206,755)	(1,890,560)	130%	2%
Net Before Non-Mandatory Transfers	7,804,832	8,074,678	6,316,195	8,206,755	1,890,560	130%	2%
Net Transfers	(5,616,865)	(7,922,754)	(6,316,195)	(6,236,363)	79,832	99%	-27%
Net Total	2,187,967	151,924	-	1,970,392			92%
<u>Armstrong - Student Affairs</u>							
Revenue	3,859,489	213,723	154,000	187,793	33,793	122%	-14%
General Fee Support	841,160	4,874,396	5,445,825	5,445,825	-	100%	10%
Total Sources	4,700,649	5,088,119	5,599,825	5,633,618	33,793	101%	10%
Salary	341,912	377,430	538,198	455,320	(82,878)	85%	17%
Benefits	70,818	73,146	111,612	94,348	(17,264)	85%	22%
Utilities	295,226	267,236	411,088	378,003	(33,085)	92%	29%
Charge Outs	-	-	-	-	-	0%	0%
Operating Expenses	598,892	590,725	1,031,843	763,509	(268,334)	74%	23%
Inventory Purchases	-	-	-	-	-	0%	0%
Debt Service	2,454,491	2,450,000	2,450,000	2,450,000	-	100%	0%
Total Uses	3,761,338	3,758,537	4,542,741	4,141,179	(401,562)	91%	9%
Net Before Non-Mandatory Transfers	939,312	1,329,582	1,057,084	1,492,439	435,355	141%	11%
Net Transfers	(919,317)	(1,185,815)	(1,057,084)	(1,159,542)	(102,458)	110%	-2%
Net Total	19,995	143,767	-	332,897	332,897		57%

MIAMI UNIVERSITY
Financial Analysis - Auxiliary Units (Oxford Campus)
FY2018 / FY2017 / FY2016

	FY2016	FY2017	FY2018				
	Year-end Actual	Year-end Actual	Budget	Year-end Actual	Variance	% of 18 Budget	% Change From '17 Year-end
Miscellaneous Facilities							
Revenue	184,898	411,713	178,662	195,942	17,280	110%	-110%
General Fee Support	5,868,206	6,534,144	961,959	1,211,959	250,000	126%	-439%
Total Sources	6,053,104	6,945,857	1,140,621	1,407,901	267,280	123%	-393%
Salary	68,584	71,762	71,939	70,514	(1,425)	98%	-2%
Benefits	22,097	19,903	24,401	20,940	(3,461)	86%	5%
Utilities	-	-	-	-	-	0%	0%
Charge Outs	-	-	-	-	-	0%	0%
Operating Expenses	552,276	681,225	514,353	535,490	21,137	104%	-27%
Inventory Purchases	-	-	-	-	-	0%	0%
Debt Service	298,062	402,273	403,543	403,544	1	100%	0%
Total Uses	941,019	1,175,163	1,014,236	1,030,489	16,253	102%	-14%
Net Before Non-Mandatory Transfers	5,112,085	5,770,694	126,385	377,412	251,027	299%	-1429%
Net Transfers	(5,041,471)	(5,625,998)	(126,385)	(508,355)	(381,970)	402%	-1007%
Net Total	70,613	144,696	-	(130,943)	(130,943)		211%
Total Auxiliary							
Revenue	149,991,760	148,348,409	145,779,720	145,760,758	(18,962)	100%	-2%
General Fee Support	30,476,826	40,369,614	36,623,896	36,083,896	(540,000)	99%	-12%
Designated Revenue	821,856	926,993	762,612	805,879	43,267	106%	-15%
Restricted Revenue	1,640,967	2,477,396	2,028,812	2,328,012	299,200	115%	-6%
Total Sources	182,931,409	192,122,412	185,195,040	184,978,545	(216,495)	100%	-4%
Salary	34,524,974	35,906,085	34,217,320	33,334,314	(883,006)	97%	-8%
Benefits	10,222,942	10,417,386	11,842,662	9,796,681	(2,045,981)	83%	-6%
Utilities	18,278,994	18,444,997	21,107,884	18,767,581	(2,340,303)	89%	2%
Charge Outs	(3,359,930)	(23,538,042)	(3,327,497)	(3,456,628)	(129,131)	104%	-581%
Expense Recovery	(23,156,304)	(3,739,772)	(24,583,166)	(23,613,835)	969,331	96%	84%
Operating Expenses	63,649,045	57,462,766	63,346,814	61,931,912	(1,414,902)	98%	7%
Inventory Purchases	15,070,184	17,888,069	12,843,769	13,541,836	698,067	105%	-32%
Debt Service	42,311,041	44,869,950	50,296,556	50,237,360	(59,196)	100%	11%
Designated Expense	812,397	894,154	762,612	735,643	(26,969)	96%	-22%
Restricted Expense	1,689,041	1,943,519	2,028,812	2,029,134	322	100%	4%
Total Uses	160,042,385	160,549,112	168,535,766	163,303,998	(5,231,768)	97%	2%
Net Before Non-Mandatory Transfers	22,889,024	31,573,300	16,659,274	21,674,547	5,015,273	130%	-46%
Net Transfers	(20,135,915)	(29,491,288)	(16,659,274)	(16,466,293)	192,981	99%	-79%
Net Total	2,753,109	2,082,012	-	5,208,254	5,208,254		60%

Preliminary & Unaudited

Residence and Dining Halls
 Net Increase for Fiscal Year
 Fiscal Year 2018 - 2009

	<u>FY18</u>	<u>FY17</u>	<u>FY16</u>	<u>FY15</u>	<u>FY14</u>	<u>FY13</u>	<u>FY12</u>	<u>FY11</u>	<u>FY10</u>	<u>FY09</u>
Revenues	110,343,907	105,966,230	99,675,905	95,379,311	88,831,459	81,287,838	78,756,210	76,033,181	73,504,118	68,559,447
Expenses										
Salaries & Benefits	17,747,770	21,629,860	20,457,009	19,779,250	19,282,892	19,143,162	20,522,868	21,083,130	26,154,177	29,185,462
Operating Expenses and Food Purchases	36,488,478	32,938,874	34,534,197	32,202,763	30,177,911	27,110,500	28,282,014	27,174,705	26,335,723	27,819,033
Residence Life Transfer to Student Life	<u>5,833,638</u>	<u>5,336,093</u>	<u>5,323,404</u>	<u>5,059,978</u>	<u>4,786,056</u>	<u>4,802,246</u>	<u>4,677,926</u>	<u>4,641,010</u>	-	-
Total Expenses	60,069,886	59,904,827	60,314,610	57,041,991	54,246,859	51,055,908	53,482,808	52,898,845	52,489,900	57,004,495
Net Income Before Debt Service and Transfers	50,274,021	46,061,402	39,361,294	38,337,320	34,584,600	30,231,930	25,273,402	23,134,336	21,014,218	11,554,952
Debt Service and Transfers										
Debt Service	(41,597,907)	(35,973,640)	(33,873,421)	(30,866,290)	(22,303,542)	(19,882,993)	(11,906,810)	(5,816,005)	(3,760,628)	(3,796,186)
Capital Projects	<u>(8,545,255)</u>	<u>(10,087,720)</u>	<u>(5,487,287)</u>	<u>(7,463,613)</u>	<u>(11,845,020)</u>	<u>(10,305,050)</u>	<u>(13,339,934)</u>	<u>(17,216,813)</u>	<u>(17,089,500)</u>	<u>(7,708,962)</u>
Total Facility Investment	(50,143,162)	(46,061,360)	(39,360,708)	(38,329,903)	(34,148,562)	(30,188,043)	(25,246,744)	(23,032,818)	(20,850,128)	(11,505,148)
Net Increase for Fiscal Year	130,859	42	586	7,417	436,038	43,887	26,658	101,518	164,090	49,804
Total All Fund Balances and Reserves	57,476,589	80,112,906	71,931,648	66,164,901	60,014,075	51,780,699	44,436,411	36,052,128	23,696,971	12,419,095

Preliminary & Unaudited

MIAMI UNIVERSITY
 FY2018 Budget-To-Actual and Endowment Fund Activity
 As of June 30, 2018

Oxford General Fund Investments

	FY2018 Original <u>Budget</u>	FY2018 YTD <u>Actual</u>	Budget- to-Actual <u>Variance</u>
Dividends and Interest (net of fees)	\$5,325,000	\$8,355,167	\$3,030,167
Realized Gains/(Losses)		(1,159,857)	(1,159,857)
Unrealized Gains - change in market value Mark to market as of June 30		10,364,960	10,364,960
Allocations to Other Funds		(246,405)	(246,405)
Total Unrestricted General Fund Investment Income	\$5,325,000	\$17,313,865	\$11,988,865

Endowment and Quasi-endowment Funds

	Endowment <u>Funds</u>	Quasi- <u>Endowment</u>	Total <u>Endowment</u>
Beginning Balance	\$91,155,928	\$121,852,202	\$213,008,130
Dividends and Interest (net of fees)	77,859	281,363	359,222
Reinvested Realized Gains/(Losses) - (net of administrative fees) Realized gains remaining after spending distribution	3,586,924	4,112,106	7,699,030
Unrealized Gains - change in market value Mark to market as of June 30	(1,963,374)	(1,942,017)	(3,905,391)
Gifts	698,524	1,456,665	2,155,189
Other	(274,537)	(133,765)	(408,302)
Total Endowment and Quasi-endowment funds	\$93,281,324	\$125,626,554	\$218,907,878
Investment Earnings Distributed to Expendable Funds	\$3,433,073	\$3,249,699	\$6,682,772

**Miami University
Unrestricted Net Position
at June 30, 2018 and 2017**

Summary

	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Fund Balances & Reserves- Before Pension Liability	\$ 111,500,448	\$ 99,209,239	\$ 12,291,208
Ohio Pension Liability ¹	<u>(339,730,472)</u>	<u>(305,540,715)</u>	<u>(34,189,757)</u>
Fund Balances and Reserves - Net	<u>(228,230,024)</u>	<u>(206,331,476)</u>	<u>(21,898,549)</u>
Carry Forward and Designated - Academic Divisions	175,994,914	143,982,212	32,012,702
Carry Forward and Designated - Administrative Divisions	49,990,769	50,212,664	<u>(221,895)</u>
Facility Renewal & Replacement Funds ²	195,134,404	183,382,069	11,752,335
Quasi-Endowment	<u>116,836,069</u>	<u>113,245,024</u>	<u>3,591,044</u>
Total Unrestricted Net Position	<u>\$ 309,726,130</u>	<u>\$ 284,490,494</u>	<u>\$ 25,235,637</u>

¹ The 2017 pension liability has not been restated to reflect the prior year impact of adopting GASB 75.

² Please see the more detailed schedules for renewal and replacement funds later in the packet. Since almost 55% of this balance has been assigned to projects, the balance is expected to decline by a material amount by June 30, 2020.

Miami University
Unrestricted Net Position
at June 30, 2018 and 2017

Oxford General Central Fund Balances & Reserves

	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Unallocated Fund Balance ¹	\$ 2,779,677	\$ 8,051,503	\$ (5,271,826)
Reserve for Investment Fluctuations ²	60,168,851	42,180,461	17,988,390
Reserve for Health Care Stabilization	15,000,000	15,000,000	0
Reserve for Financial Aid	7,942,598	7,715,605	226,993
Reserve for Litigation	<u>1,547,953</u>	<u>1,547,525</u>	<u>428</u>
Total Oxford Central Fund Balances	<u>\$ 87,439,080</u>	<u>\$ 74,495,094</u>	<u>\$ 12,943,985</u>

Regional Campus Central Fund Balances & Reserves

Hamilton	\$ 9,689,407	\$ 8,842,952	\$ 846,455
Middletown	1,381,594	1,593,364	(211,771)
Voice of America	<u>120,058</u>	<u>103,349</u>	<u>16,709</u>
Total Regional Campus Central Fund Balances	11,191,058	10,539,665	651,393
Auxiliary Enterprises ³	7,835,721	7,941,404	(105,683)
Encumbrances	<u>5,034,589</u>	<u>6,233,076</u>	<u>(1,198,488)</u>
Total All Fund Balances & Reserves	<u>\$ 111,500,448</u>	<u>\$ 99,209,239</u>	<u>\$ 12,291,208</u>

¹ Over \$8 million of the June 30, 2017 balance was redirected to the Boldly Creative initiative.

² Approximately \$12 million of this increase was due to greater than budgeted investment performance. An additional \$6 million was added from health insurance savings. While the balance has grown, the increase in volatility from the new investment policy suggests this amount is only sufficient to cover a one standard deviation loss. A market correction comparable to 2008 would require about twice the amount currently held in the Investment Fluctuation fund.

³ Does not include renewal and replacement balances or quasi endowment.

**Miami University
Unrestricted Net Position
at June 30, 2018 and 2017**

**Academic Affairs
Carryforward & Designated Funds**

	<u>FY2018</u>		<u>FY2017</u>		<u>Change</u>
Provost ¹	\$ 49,385,393	\$	23,777,665	\$	25,607,728
Arts & Science	49,310,007		47,503,878		1,806,129
Education, Health & Society	20,981,905		17,711,703		3,270,202
Farmer School of Business	28,518,065		28,481,569		36,496
Engineering & Computer Science	8,565,466		8,681,281		(115,815)
Creative Arts	7,719,424		6,649,930		1,069,494
Hamilton Campus	4,856,013		4,794,694		61,320
Middletown Campus	6,608,187		6,313,710		294,478
Voice of America	<u>50,453</u>		<u>67,783</u>		<u>(17,330)</u>
Total Academic Divisions	<u>\$ 175,994,914</u>	\$	<u>143,982,212</u>	\$	<u>32,012,702</u>

¹ Includes the first year contribution to the Boldly Creative fund.

**Miami University
Unrestricted Net Position
at June 30, 2018 and 2017**

**Administrative Divisions
Carryforward & Designated Funds**

	<u>FY2018</u>		<u>FY2017</u>		<u>Change</u>
President	\$ 1,560,471	\$	1,427,810	\$	132,661
Finance & Business Services	5,100,729		5,328,684		(227,955)
Physical Facilities	2,618,833		2,441,167		177,666
Enrollment Management & Student Success	1,776,605		2,295,447		(518,842)
Student Life	1,893,066		2,298,813		(405,747)
University Advancement ¹	19,998,261		21,154,274		(1,156,013)
IT Services	9,146,488		6,535,894		2,610,594
Central Budget	<u>7,896,316</u>		<u>8,730,575</u>		<u>(834,259)</u>
Total Administrative Divisions	<u>\$ 49,990,769</u>	\$	<u>50,212,664</u>	\$	<u>(221,895)</u>

¹ Includes the almost \$13 million start-up fund for the current comprehensive campaign.

**Miami University
Unrestricted Net Position
at June 30, 2018 and 2017**

Facility Renewal & Replacement Funds

<u>Campus</u>	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Oxford- General	\$ 4,056,013	\$ 13,569,800	\$ (9,513,787)
Hamilton Campus	13,948,734	13,536,865	411,869
Middletown Campus	2,236,691	2,077,237	159,454
Voice of America	165,666	137,195	28,471
Oxford Auxiliary	66,893,849	97,749,469	(30,855,620)
Projects Funded/Not Expended ¹	<u>107,833,451</u>	<u>56,311,503</u>	<u>51,521,948</u>
Total Facility Renewal & Replacement	<u>\$ 195,134,404</u>	<u>\$ 183,382,069</u>	<u>\$ 11,752,335</u>

¹ Due to the large number of funded facility projects, this balance is expected to decline substantially by June 30, 2020.

**Unrestricted Net Position
by
University Division
at June 30, 2018**

<u>Division</u>	<u>Carry Forward</u>	<u>Designated Funds</u>	<u>Fund Balance & Reserves</u>	<u>Total</u>
Provost				
Arts & Science	\$ 37,190,641	\$ 12,119,366	\$ -	\$ 49,310,007
Education, Health & Society	18,361,658	2,620,247	0	20,981,905
Farmer School of Business	18,132,092	10,385,973	0	28,518,065
Engineering & Computer Science	6,060,718	2,504,748	0	8,565,466
Creative Arts	6,754,722	964,702	0	7,719,424
Regional Campuses	7,824,392	3,690,262	11,191,058	22,705,712
Other	<u>12,343,678</u>	<u>37,041,715</u>	<u>0</u>	<u>49,385,393</u>
Sub-Total Provost	\$ 106,667,901	\$ 69,327,013	\$ 11,191,058	\$ 187,185,972
President	\$ 1,547,279	\$ 13,192	\$ -	\$ 1,560,471
Finance & Business Services				
Physical Facilities	1,357,450	1,261,383	0	2,618,833
Other	1,778,086	3,322,643	0	5,100,729
Enrollment Management	769,492	1,007,113	0	1,776,605
Student Life	309,887	1,583,179	0	1,893,066
University Advancement	803,172	19,195,089	0	19,998,261
Information Technology	<u>3,095,364</u>	<u>6,051,124</u>	<u>0</u>	<u>9,146,488</u>
Sub-Total Administrative	\$ 9,660,730	\$ 32,433,723	\$ -	\$ 42,094,453
Auxiliary Enterprise	0	0	7,835,721	7,835,721
Central Budget	2,964,672	4,931,644	87,439,080	95,335,395
Sub-Total Available Balances	\$ 119,293,303	\$ 106,692,379	\$ 106,465,859	\$ 332,451,541
Facility Renewal & Replacement	0	0	195,134,404	0
Quasi-Endowment	0	0	116,836,069	0
Reserve for Encumbrances	0	0	5,034,589	0
Total Before Pension Liability	\$ 119,293,303	\$ 106,692,379	\$ 423,470,920	\$ 332,451,541
Less Pension Liability	<u>0</u>	<u>0</u>	<u>(339,730,472)</u>	<u>0</u>
Total Unrestricted Net Position	\$ 119,293,303	\$ 106,692,379	\$ 83,740,448	\$ 309,726,130



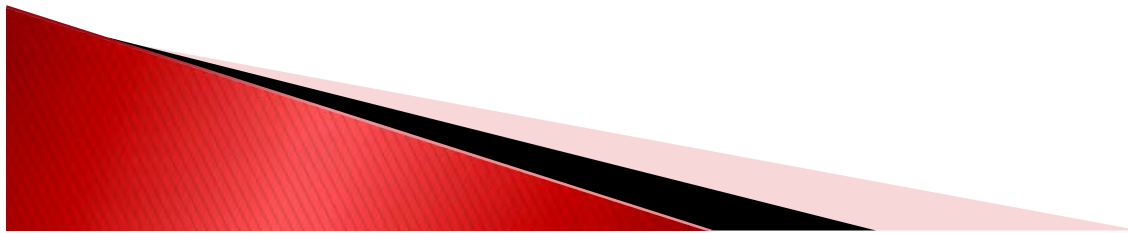
MIAMI UNIVERSITY

Finance & Audit Committee

September 13, 2018

Preliminary Year End Operating Results

September 13, 2018



Balance Sheet – Assets

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Assets					
Current assets:					
Cash and cash equivalents	\$ 85,063,956	\$ 77,323,102	\$ 7,740,854	10.0%	11.5%
Investments	609,414,007	632,801,558	(23,387,551)	-3.7%	82.3%
Accounts, pledges and notes receivable, net	38,017,483	38,335,028	(317,545)	-0.8%	5.1%
Inventories	2,104,264	1,871,537	232,727	12.4%	0.3%
Prepaid expenses and deferred charges	5,951,810	5,726,999	224,811	3.9%	0.8%
Total Current Assets	740,551,520	756,058,224	(15,506,704)	-2.1%	100.0%
Noncurrent assets:					
Restricted cash and cash equivalents	0	0			
Investments	214,570,268	211,095,462	3,474,806	1.6%	13.6%
Pledges and notes receivable, net	6,242,605	6,506,325	(23,387,551)	-3.7%	0.4%
Net pension asset	932,331	370,363	(317,545)	-0.8%	0.1%
Nondepreciable capital assets	212,690,690	146,821,609	232,727	12.4%	13.5%
Depreciable capital assets, net	1,143,034,911	1,119,484,658	224,811	3.9%	72.5%
Total Noncurrent Assets	1,577,470,805	1,484,278,417	93,192,388	6.3%	100.0%
Total Assets	2,318,022,325	2,240,336,641	77,685,684	3.5%	100.0%
Deferred Outflows of Resources:					
Pensions	84,514,137	102,572,087	(18,057,950)	-17.6%	91.8%
OPEB	7,538,526		7,538,526	0.0%	8.2%
Total Deferred Outflows of Resource:	92,052,663	102,572,087	(10,519,424)	-10.3%	100.0%
Total Assets & Deferred Outflows of	\$ 2,410,074,988	\$ 2,342,908,728	\$ 67,166,260	2.9%	100.0%

Balance Sheet – Liabilities

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Liabilities					
Current liabilities:					
Accounts payable	\$ 43,133,945	\$ 41,225,270	\$ 1,908,675	4.6%	36.5%
Accrued salaries and wages	16,833,530	16,351,605	481,925	2.9%	14.2%
Accrued compensated absences	1,378,778	1,248,469	130,309	10.4%	1.2%
Unearned revenue	12,719,075	13,287,075	(568,000)	-4.3%	10.8%
Deposits	12,528,992	12,164,446	364,546	3.0%	10.6%
Current portion of long-term debt	31,576,900	32,318,551	(741,651)	-2.3%	26.7%
Other current liabilities	0	0			
Total Current Liabilities	118,171,220	116,595,416	1,575,804	1.4%	100.0%
Noncurrent liabilities:					
Accrued compensated absences	16,844,230	17,624,637	(780,407)	-4.4%	1.6%
Bonds payable	659,571,273	691,021,275	(31,450,002)	-4.6%	61.5%
Capital leases payable	2,030,400	2,157,300	(126,900)	-5.9%	0.2%
Federal Perkins loan program	4,087,964	5,557,400	(1,469,436)	-26.4%	0.4%
Net pension liability	287,503,227	406,344,694	(118,841,467)	-29.2%	26.8%
Net OPEB liability	103,125,894	0	103,125,894	0.0%	9.6%
Other noncurrent liabilities	0	0	0	0.0%	0.0%
Total Noncurrent Liabilities	1,073,162,988	1,122,705,306	(49,542,318)	-4.4%	100.0%
Total Liabilities	1,191,334,208	1,239,300,722	(47,966,514)	-3.9%	100.0%
Deferred Inflows of Resources:					
Deferred gains on refunding	1,129,178	1,275,801	(146,623)	-11.5%	2.6%
Pensions	32,776,929	2,138,473	30,638,456	1432.7%	75.8%
OPEB	9,309,416	0	9,309,416	0.0%	21.5%
Total Deferred Inflows of Resources	\$ 43,215,523	\$ 3,414,274	\$ 39,801,249	1165.7%	100.0%

The 2017 pension liability has not been restated to reflect the prior year impact of GASB 75.

Balance Sheet – Net Position

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Net Position:					
Net investment in capital assets	\$ 710,249,204	\$ 682,581,465	\$ 27,667,739	4.1%	60.4%
Restricted:					
Nonexpendable	93,281,324	91,155,928	2,125,396	2.3%	7.9%
Expendable	62,268,599	41,965,845	20,302,754	48.4%	5.3%
Unrestricted	309,726,130	284,490,494	25,235,636	8.9%	26.3%
Total Net Position	1,175,525,257	1,100,193,732	75,331,525	6.8%	100.0%
Total Liabilities, Deferred Inflows and Net Position	\$ 2,410,074,988	\$ 2,342,908,728	\$ 67,166,260	2.9%	100.0%

Revenues, Expenses and Changes in Net Position

Operating Revenues

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Operating Revenues:					
Tuition, fees, and other student charges	\$ 481,191,179	\$ 470,070,339	\$ 11,120,840	2.4%	125.4%
Less allowance for student scholarships	(97,323,070)	(95,316,485)	(2,006,585)	2.1%	-25.4%
Net Tuition, Fees & Other Student Charges	383,868,109	374,753,854	9,114,255	2.4%	100.0%
Sales and services of auxiliary enterprises	147,078,612	149,775,021	(2,696,409)	-1.8%	104.4%
Less allowance for student scholarships	(6,158,476)	(6,322,854)	164,378	-2.6%	-4.4%
Net Sales and Services of Auxiliary Enterprises	140,920,136	143,452,167	(2,532,031)	-1.8%	100.0%
Federal contracts	12,321,439	10,473,139	1,848,300	17.6%	2.2%
Gifts	0	0	0	0.0%	0.0%
Sales and services of educational activities	2,800,536	1,972,108	828,428	42.0%	0.5%
Private contracts	2,911,860	2,901,764	10,096	0.3%	0.5%
State contracts	1,314,275	1,019,344	294,931	28.9%	0.2%
Local contracts	99,969	153,669	(53,700)	-34.9%	0.0%
Other	7,459,435	9,827,116	(2,367,681)	-24.1%	1.4%
Total Operating Revenues	\$ 551,695,759	\$ 544,553,161	\$ 7,142,598	1.3%	100.0%

Revenues, Expenses and Changes in Net Position

Operating Expenses

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Operating expenses:					
Education and general:					
Instruction and departmental research	\$ 110,005,726	\$ 202,295,750	\$ (92,290,024)	-45.6%	21.1%
Separately budgeted research	11,838,581	13,229,929	(1,391,348)	-10.5%	2.3%
Public service	2,594,596	3,395,945	(801,349)	-23.6%	0.5%
Academic support	61,656,100	60,593,163	1,062,937	1.8%	11.8%
Student services	30,303,560	31,974,331	(1,670,771)	-5.2%	5.8%
Institutional support	62,903,632	55,746,107	7,157,525	12.8%	12.1%
Operation and maintenance of plant	34,318,352	33,343,870	974,482	2.9%	6.6%
Scholarships and fellowships	20,481,682	21,639,250	(1,157,568)	-5.3%	3.9%
Auxiliary enterprises	117,369,290	113,920,563	3,448,727	3.0%	22.5%
Depreciation	59,810,051	54,026,623	5,783,428	10.7%	11.5%
Other	10,460,266	9,350,605	1,109,661	11.9%	2.0%
Total Operating expenses	521,741,836	599,516,136	(77,774,300)	-13.0%	100.0%
Net Operating loss	\$ 29,953,923	\$ (54,962,975)	\$ 84,916,898	-154.5%	100.0%

Revenues, Expenses and Changes in Net Position Non-Operating Expenses, Other and Change in Net Position

Preliminary and Unaudited

	Miami University		Miami University		
	2018	2017	Annual Change	Change %	% of Total
Non-Operating Revenues (Expenses):					
State appropriations	\$ 76,832,481	\$ 77,063,043	\$ (230,562)	-0.3%	58.3%
Gifts, including those from the University Foundation	29,031,525	16,578,473	12,453,052	75.1%	22.0%
Federal grants	18,275,929	17,769,498	506,431	2.9%	13.9%
Net investment income, net of investment expense of					
\$2,602,537 for the University and \$3,293,612 for the Foundation	29,763,586	43,579,226	(13,815,640)	-31.7%	22.6%
\$2,361,481 for the University and \$2,833,769 for the Foundation in FY17			0	#DIV/0!	
State grants	1,671,412	1,581,191	90,221	5.7%	1.3%
Interest on debt	(26,725,463)	(26,454,609)	(270,854)	1.0%	-20.3%
Payments to Miami University	0	0	0	0.0%	
Other non-operating revenues (expenses)	2,914,746	1,487,169	1,427,577	96.0%	2.2%
Net Non-Operating Revenues (Expenses)	131,764,216	131,603,991	160,225	0.1%	100.0%
Income Before Other Revenues, Expenses, & Gains or Losses	161,718,139	76,641,016	85,077,123	111.0%	100.0%
Other Revenues, Expenses, Gains or Losses:					
State capital appropriation	16,432,808	2,003,734	14,429,074	720.1%	74.6%
Capital grants and gifts	4,895,331	4,627,105	268,226	5.8%	22.2%
Additions to permanent endowments	698,524	456,041	242,483	53.2%	3.2%
Total Other Revenues, Expenses, Gains or Losses	22,026,663	7,086,880	14,939,783	210.8%	100.0%
Change in Net Position	183,744,802	83,727,896	100,016,906	119.5%	100.0%
Total Net Position at Beginning of Year, as Restated	\$ 991,780,455	\$ 1,016,465,836	\$ (24,685,381)	-2.4%	100.0%
Total Net Position at End of Year	\$ 1,175,525,257	\$ 1,100,193,732	\$ 75,331,525	6.8%	100.0%

Unrestricted Net Position Summary

	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Fund Balances & Reserves- Before Pension Liability	\$ 111,500,448	\$ 99,209,239	\$ 12,291,208
Ohio Pension Liability ¹	<u>(339,730,472)</u>	<u>(305,540,715)</u>	<u>(34,189,757)</u>
Fund Balances and Reserves - Net	<u>(228,230,024)</u>	<u>(206,331,476)</u>	<u>(21,898,549)</u>
Carry Forward and Designated - Academic Divisions	175,994,914	143,982,212	32,012,702
Carry Forward and Designated - Administrative Divisions	49,990,769	50,212,664	(221,895)
Facility Renewal & Replacement Funds ²	195,134,404	183,382,069	11,752,335
Quasi-Endowment	<u>116,836,069</u>	<u>113,245,024</u>	<u>3,591,044</u>
Total Unrestricted Net Position	<u>\$ 309,726,130</u>	<u>\$ 284,490,494</u>	<u>\$ 25,235,637</u>

¹ The 2017 pension liability has not been restated to reflect the prior year impact of adopting GASB 75.

² Please see the more detailed schedules for renewal and replacement funds later in the packet. Since almost 55% of this balance has been assigned to projects, the balance is expected to decline by a material amount by June 30, 2020.

At June 30, 2018 and 2017

Unrestricted Net Position by University Division

<u>Division</u>	<u>Carry Forward</u>	<u>Designated Funds</u>	<u>Fund Balance & Reserves</u>	<u>Total</u>
Provost				
Arts & Science	\$ 37,190,641	\$ 12,119,366	\$ -	\$ 49,310,007
Education, Health & Society	18,361,658	2,620,247	0	20,981,905
Farmer School of Business	18,132,092	10,385,973	0	28,518,065
Engineering & Computer Science	6,060,718	2,504,748	0	8,565,466
Creative Arts	6,754,722	964,702	0	7,719,424
Regional Campuses	7,824,392	3,690,262	11,191,058	22,705,712
Other	<u>12,343,678</u>	<u>37,041,715</u>	<u>0</u>	<u>49,385,393</u>
Sub-Total Provost	\$ 106,667,901	\$ 69,327,013	\$ 11,191,058	\$ 187,185,972
President				
	\$ 1,547,279	\$ 13,192	\$ -	\$ 1,560,471
Finance & Business Services				
Physical Facilities	1,357,450	1,261,383	0	2,618,833
Other	1,778,086	3,322,643	0	5,100,729
Enrollment Management	769,492	1,007,113	0	1,776,605
Student Life	309,887	1,583,179	0	1,893,066
University Advancement	803,172	19,195,089	0	19,998,261
Information Technology	<u>3,095,364</u>	<u>6,051,124</u>	<u>0</u>	<u>9,146,488</u>
Sub-Total Administrative	\$ 9,660,730	\$ 32,433,723	\$ -	\$ 42,094,453
Auxiliary Enterprise				
	0	0	7,835,721	7,835,721
Central Budget				
	2,964,672	4,931,644	87,439,080	95,335,395
Sub-Total Available Balances	\$ 119,293,303	\$ 106,692,379	\$ 106,465,859	\$ 332,451,541

At June 30, 2018

Unrestricted Net Position Facility Renewal and Replacement Funds

<u>Campus</u>	<u>FY2018</u>	<u>FY2017</u>	<u>Change</u>
Oxford- General	\$ 4,056,013	\$ 13,569,800	\$ (9,513,787)
Hamilton Campus	13,948,734	13,536,865	411,869
Middletown Campus	2,236,691	2,077,237	159,454
Voice of America	165,666	137,195	28,471
Oxford Auxiliary	66,893,849	97,749,469	(30,855,620)
Projects Funded/Not Expended ¹	<u>107,833,451</u>	<u>56,311,503</u>	<u>51,521,948</u>
Total Facility Renewal & Replacement	<u>\$ 195,134,404</u>	<u>\$ 183,382,069</u>	<u>\$ 11,752,335</u>

¹ Due to the large number of funded facility projects, this balance is expected to decline substantially by June 30, 2020.

At June 30, 2018 and 2017

Residence and Dining Halls

Net Increase for Fiscal Year 18-09

	<u>FY18</u>	<u>FY17</u>	<u>FY16</u>	<u>FY15</u>	<u>FY14</u>	<u>FY13</u>	<u>FY12</u>	<u>FY11</u>	<u>FY10</u>	<u>FY09</u>
Revenues	\$ 110,343,907	\$ 105,966,230	\$ 99,675,905	\$ 95,379,311	\$ 88,831,459	\$ 81,287,838	\$ 78,756,210	\$ 76,033,181	\$ 73,504,118	\$ 68,559,447
Expenses										
Salaries & Benefits	17,747,770	21,629,860	20,457,009	19,779,250	19,282,892	19,143,162	20,522,868	21,083,130	26,154,177	29,185,462
Operating Expenses and Food Purchases	36,488,478	32,938,874	34,534,197	32,202,763	30,177,911	27,110,500	28,282,014	27,174,705	26,335,723	27,819,033
Residence Life Transfer to Student Life	<u>5,833,638</u>	<u>5,336,093</u>	<u>5,323,404</u>	<u>5,059,978</u>	<u>4,786,056</u>	<u>4,802,246</u>	<u>4,677,926</u>	<u>4,641,010</u>	<u>0</u>	<u>0</u>
Total Expenses	60,069,886	59,904,827	60,314,610	57,041,991	54,246,859	51,055,908	53,482,808	52,898,845	52,489,900	57,004,495
Net Income Before Debt Service & Transfers	\$ 50,274,021	\$ 46,061,402	\$ 39,361,294	\$ 38,337,320	\$ 34,584,600	\$ 30,231,930	\$ 25,273,402	\$ 23,134,336	\$ 21,014,218	\$ 11,554,952
Debt Service and Transfers										
Debt Service	(41,597,907)	(35,973,640)	(33,873,421)	(30,866,290)	(22,303,542)	(19,882,993)	(11,906,810)	(5,816,005)	(3,760,628)	(3,796,186)
Capital Projects	(8,545,255)	(10,087,720)	(5,487,287)	(7,463,613)	(11,845,020)	(10,305,050)	(13,339,934)	(17,216,813)	(17,089,500)	(7,708,962)
Total Facility Investment	(50,143,162)	(46,061,360)	(39,360,708)	(38,329,903)	(34,148,562)	(30,188,043)	(25,246,744)	(23,032,818)	(20,850,128)	(11,505,148)
Net Increase for Fiscal Year	\$ 130,859	\$ 42	\$ 586	\$ 7,417	\$ 436,038	\$ 43,887	\$ 26,658	\$ 101,518	\$ 164,090	\$ 49,804
Total All Fund Balances and Reserves	\$ 57,476,589	\$ 80,112,906	\$ 71,931,648	\$ 66,164,901	\$ 60,014,075	\$ 51,780,699	\$ 44,436,411	\$ 36,052,128	\$ 23,696,971	\$ 12,419,095

Preliminary and Unaudited

Questions?





MIAMI UNIVERSITY

Finance & Audit Committee

September 13, 2018

Miami University Foundation Preliminary Year End Operating Results

September 13, 2018



Statement of Financial Position

Preliminary and Unaudited

Assets	2018	2017	Annual Change	Change %	% of Total
Cash and cash equivalents	\$ 64,282,976	\$ 43,840,084	\$ 20,442,892	46.6%	11.0%
Pledges receivable, net	30,440,640	36,219,757	(5,779,117)	-16.0%	5.2%
Other receivables, primarily investment related	12,439,077	13,439,412	(1,000,335)	-7.4%	2.1%
Investments	477,035,567	477,769,184	(733,617)	-0.2%	81.4%
Cash value of life insurance	2,063,101	2,014,296	48,805	2.4%	0.4%
Real estate investments	30,000	262,875	(232,875)	-88.6%	0.0%
Total assets	\$ 586,291,361	\$ 573,545,608	\$ 12,745,753	2.2%	100.0%
Liabilities					
Accounts payable and other liabilities	\$ 14,824,742	\$ 13,932,276	\$ 892,466	6.4%	6.3%
Assets held for other entities	214,465,794	213,843,604	622,190	0.3%	91.3%
Deferred revenue	1,671,980	1,749,089	(77,109)	-4.4%	0.7%
Obligations under split-interest agreements	3,976,357	4,637,491	(661,134)	-14.3%	1.7%
Total liabilities	234,938,873	234,162,460	776,413	0.3%	100.0%
Net Assets					
Unrestricted	624,224	957,683	(333,459)	-34.8%	0.2%
Temporarily restricted	127,904,430	128,706,074	(801,644)	-0.6%	36.4%
Permanently restricted	222,823,834	209,719,391	13,104,443	6.2%	63.4%
Total net assets	351,352,488	339,383,148	11,969,340	3.5%	100.0%
Total liabilities and net assets	\$ 586,291,361	\$ 573,545,608	12,745,753	2.2%	100.0%

Statement of Activities

Preliminary and Unaudited

	Unrestricted	Temporarily Restricted	Permanently Restricted	2018 Total	2017 Total	Annual Change	Change %	% of Total
Revenues and other additions:								
Contributions	\$ -	\$ 1,712,734	\$ 12,346,397	\$ 14,059,131	\$ 25,497,080	\$ (11,437,949)	-44.9%	41.7%
Investment income:								
Dividend and interest income, net	15,946	4,427,770	910	4,444,626	2,568,598	1,876,028	73.0%	13.2%
Net realized and unrealized gains (losses)	(342,146)	14,877,843	718	14,536,415	26,239,405	(11,702,990)	-44.6%	43.1%
Net investment income	(326,200)	19,305,613	1,628	18,981,041	28,808,003	(9,826,962)	-34.1%	56.3%
Change in value of split-interest agreements	-	680,812	-	680,812	1,050,289	(369,477)	-35.2%	2.0%
Net assets released from restrictions due to satisfaction of donor restrictions	21,744,385	(22,500,803)	756,418	-	-	0	0.0%	0.0%
Total revenues and other additions	21,418,185	(801,644)	13,104,443	33,720,984	55,355,372	(21,634,388)	-39.1%	100.0%
Expenses and other deductions:								
Distributions to Miami University (Note 6)	18,181,165	-	-	18,181,165	15,347,172	2,833,993	18.5%	83.6%
Other expenses	760,839	-	-	760,839	381,648	379,191	99.4%	3.5%
Administrative expenses (Note 6)	2,809,640	-	-	2,809,640	2,485,019	324,621	13.1%	12.9%
Total expenses and other deductions	21,751,644	-	-	21,751,644	18,213,839	3,537,805	19.4%	100.0%
Change in net assets	(333,459)	(801,644)	13,104,443	11,969,340	37,141,533	(25,172,193)	-67.8%	100.0%
Net assets - beginning of year	957,683	128,706,074	209,719,391	339,383,148	302,241,615	37,141,533	12.3%	100.0%
Net assets - end of year	\$ 624,224	\$ 127,904,430	\$ 222,823,834	\$ 351,352,488	\$ 339,383,148	11,969,340	3.5%	100.0%

Questions?



Miami University
Endowment Model

Yellow cells are variable inputs

Fiscal Year	Endowment Balance	Endowment Pledge	Endowment Addition	Quasi-	Administrative Fee and Payout	Investment Earnings	Ending Balance
				Endowment Additions			
		\$ 75,000,000	5 Annual Inst	\$5 M Per Year	5.00%	7.00%	
2016	\$ 444,154,847		\$ 10,000,000	\$ 5,000,000	\$ 22,207,742	\$ 31,090,839	\$ 468,037,944
2017	\$ 468,037,944		\$ 15,000,000	\$ 5,000,000	\$ 23,401,897	\$ 32,762,656	\$ 497,398,703
2018	\$ 497,398,703	\$ 75,000,000	\$ 25,000,000	\$ 5,000,000	\$ 24,869,935	\$ 34,817,909	\$ 537,346,677
2019	\$ 537,346,677	\$ 75,000,000	\$ 40,000,000	\$ 5,000,000	\$ 26,867,334	\$ 37,614,267	\$ 593,093,610
2020	\$ 593,093,610	\$ 75,000,000	\$ 55,000,000	\$ 5,000,000	\$ 29,654,681	\$ 41,516,553	\$ 664,955,483
2021	\$ 664,955,483	\$ 75,000,000	\$ 70,000,000	\$ 5,000,000	\$ 33,247,774	\$ 46,546,884	\$ 753,254,592
2022	\$ 753,254,592	\$ 75,000,000	\$ 75,000,000	\$ 5,000,000	\$ 37,662,730	\$ 52,727,821	\$ 848,319,684
2023	\$ 848,319,684	\$ 75,000,000	\$ 75,000,000	\$ 5,000,000	\$ 42,415,984	\$ 59,382,378	\$ 945,286,078
2024	\$ 945,286,078	\$ 75,000,000	\$ 75,000,000	\$ 5,000,000	\$ 47,264,304	\$ 66,170,025	\$ 1,044,191,799

Actual Performance

2016	\$ 444,154,847		\$ 10,715,354	\$ 19,043,233	\$ 20,930,385	\$ (19,209,480)	\$ 433,773,569
2017	\$ 433,773,569	\$ 24,605,411	\$ 15,791,252	\$ 21,332,000	\$ 19,744,046	\$ 47,895,136	\$ 499,047,911
2018	\$ 499,047,911	\$ 3,784,876	\$ 16,121,982	\$ 1,503,253	\$ 21,438,537	\$ 31,700,000	\$ 519,973,725

* Note: actual endowment pledges exclude bequests due to uncertainty of timing

	Fiscal Year <u>2008</u>	Fiscal Year <u>2017</u>	Fiscal Year <u>2018</u>
Contributions			
Gifts- Foundation	\$10,033,861	\$13,787,860	\$1,712,734
Gifts- University	10,943,405	4,033,050	14,121,321
Permanent Endowment- Foundation	13,792,107	11,709,220	12,346,397
Permanent Endowment- University	3,329,612	456,040	698,524
Capital Gifts- University	<u>2,832,078</u>	<u>366,924</u>	<u>0</u>
Total	\$40,931,063	\$30,353,094	\$28,878,976
Advancement Expenses	\$9,020,868	\$12,555,073	\$15,386,636
Ratio Expense to Revenue	22.00%	41.90%	52.60%

Including GASB68 and GASB75

	<u>6/30/2018</u>	<u>6/30/2017</u>
Primary Reserve	68.0%	N/A
Viability	57.9%	N/A
Net Income	25.2%	N/A
Composite Score	4.1 of 5	4.1 of 5

Excluding GASB68 and GASB75

	<u>6/30/2018</u>	<u>6/30/2017</u>
Primary Reserve	114.3%	105.4%
Viability	110.5%	93.8%
Net Income	15.0%	15.5%
Composite Score	4.7 of 5	4.4 of 5

<u>Project Description</u>	<u>Project Budget</u>	<u>Project Budget Not Funded</u>	<u>Outstanding Pledges</u>	<u>Outstanding Bequests</u>	<u>Project Deficit</u>
Athletic Performance Center	\$22,993,815	\$17,006,140	\$10,984,374	\$0	\$6,021,766
Goggin Ice Arena	36,009,525	1,571,510	7,360	0	1,564,150
Hayden Park Addition	3,943,307	519,516	9,732	500,000	9,784
Dauch Indoor Sports Center	<u>14,000,000</u>	<u>5,513,231</u>	<u>4,325,774</u>	<u>1,500,000</u>	<u>0</u>
Total	\$76,946,647	\$24,610,397	\$15,327,240	\$2,000,000	\$7,595,700

Fall Enrollment Revenue Impact

September 13, 2018



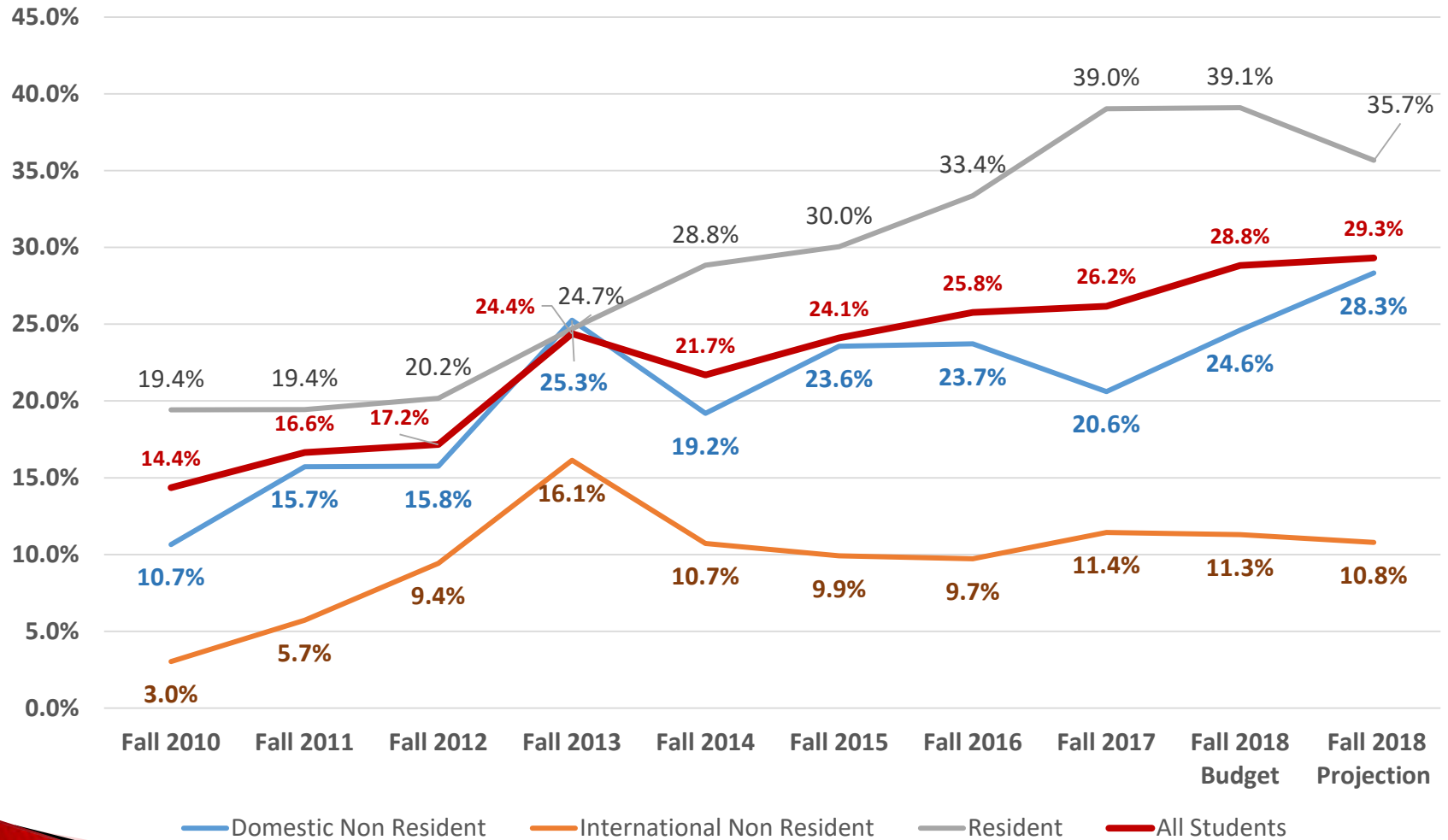
Fall 2018 Net Instructional Fee Revenue for Oxford Campus First Time Students

Student Type	FY14	FY15	FY16	FY17	FY18	FY19 Budget	FY19 Projection
First Time	\$ 43,418,744	\$ 48,270,249	\$ 48,800,839	\$ 49,548,655	\$ 50,772,132	\$ 49,218,873	\$ 49,549,271
First Time Nursing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 730,014	\$ 823,616
Transfer	\$ 3,254,966	\$ 3,035,813	\$ 2,876,817	\$ 3,155,139	\$ 2,750,680	\$ 1,799,494	\$ 2,770,317
Relocate	\$ 2,036,837	\$ 2,314,390	\$ 2,934,498	\$ 3,744,346	\$ 3,966,114	\$ 3,523,462	\$ 2,880,153
ACE	\$ 3,095,879	\$ 6,175,720	\$ 8,553,806	\$ 8,261,620	\$ 5,039,194	\$ 5,343,539	\$ 5,995,142
Total	\$ 51,806,426	\$ 59,796,172	\$ 63,165,960	\$ 64,709,760	\$ 62,528,120	\$ 60,615,382	\$ 62,018,498
Year over Year % Change		15.4%	5.6%	2.4%	-3.4%	-3.1%	-0.8%
Blended Tuition Price Change	1.5%	2.0%	1.0%	4.0%	3.2%	1.5%	1.5%
% Non Residency - Headcount	38.3%	43.3%	45.3%	45.9%	44.7%	40.6%	41.4%

Fall 2018 Net Instructional Revenue for Regional Campuses First-Time Students

Student Type	FY14	FY15	FY16	FY17	FY18	FY19 Budget	FY19 Projection
First Time	\$ 5,991,917	\$ 5,834,799	\$ 4,926,223	\$ 4,536,613	\$ 4,602,035	\$ 5,382,916	\$ 5,212,244
Transfer	\$ 1,557,003	\$ 1,157,434	\$ 1,105,071	\$ 1,228,367	\$ 1,477,495	\$ 1,662,891	\$ 1,393,357
Relocate	\$ 304,732	\$ 373,081	\$ 253,372	\$ 306,955	\$ 111,943	\$ 118,910	\$ 179,578
ELC	\$ 410,256	\$ 887,040	\$ 1,208,592	\$ 1,241,856	\$ 1,036,374	\$ 1,042,720	\$ 1,275,668
Total Instructional Revenue	\$ 8,263,908	\$ 8,252,354	\$ 7,493,258	\$ 7,313,791	\$ 7,227,847	\$ 8,207,437	\$ 8,060,847
Cross Campus True Up	\$ 2,520,512	\$ 3,176,681	\$ 3,730,302	\$ 4,353,611	\$ 5,298,022	\$ 5,199,234	\$ 5,199,234
Total New Resources	\$ 10,784,420	\$ 11,429,035	\$ 11,223,560	\$ 11,667,402	\$ 12,525,869	\$ 13,406,670	\$ 13,260,081
Year over Year % Change		6.0%	-1.8%	4.0%	7.4%	7.0%	5.9%
Blended Tuition Price Change	2.2%	2.0%	1.0%	1.0%	0.6%	-2.8%	-2.8%
% Non Residency - Headcount	2.4%	5.4%	8.2%	7.5%	7.5%	7.5%	11.6%

Financial Aid as a Percent of Tuition for Oxford Campus Incoming Class

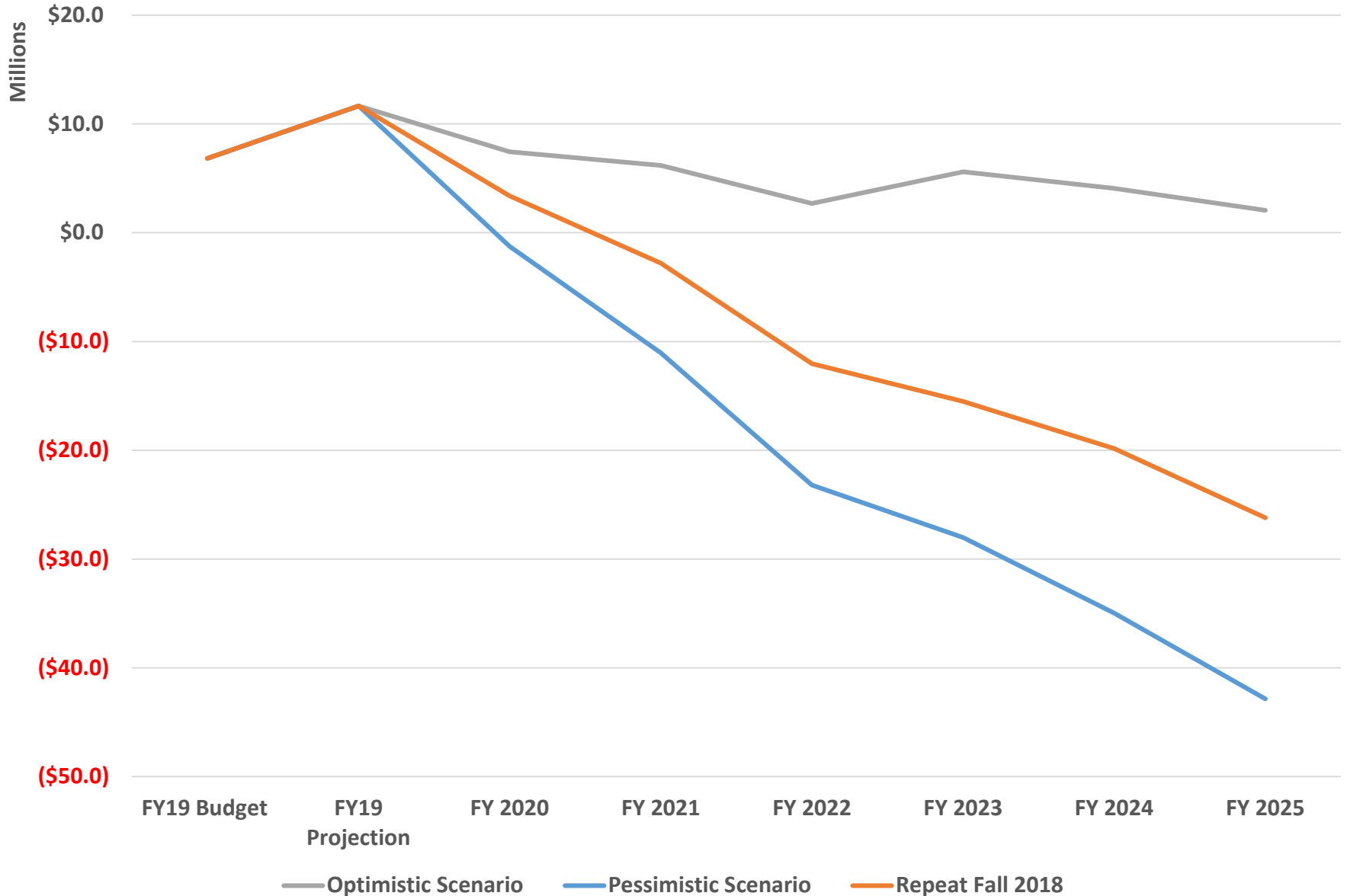


Net Instructional Revenue Scenarios

September 13, 2018



Long Range Model Alternative Financial Outcomes



Financial and Performance Dashboards

September 13, 2018



Proposed Dashboards

- ▶ Finances
- ▶ Enrollment
- ▶ Academic Affairs
- ▶ Administrative and Athletic Spending
- ▶ Academic Division Performance
- ▶ Major Initiatives

Questions?





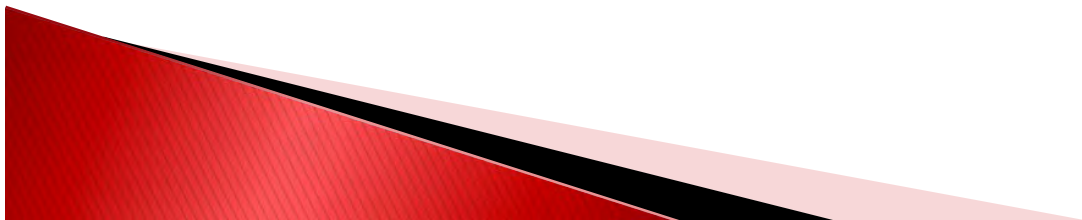
MIAMI UNIVERSITY

Finance & Audit Committee

September 13, 2018

Fall Enrollment

September 13, 2018



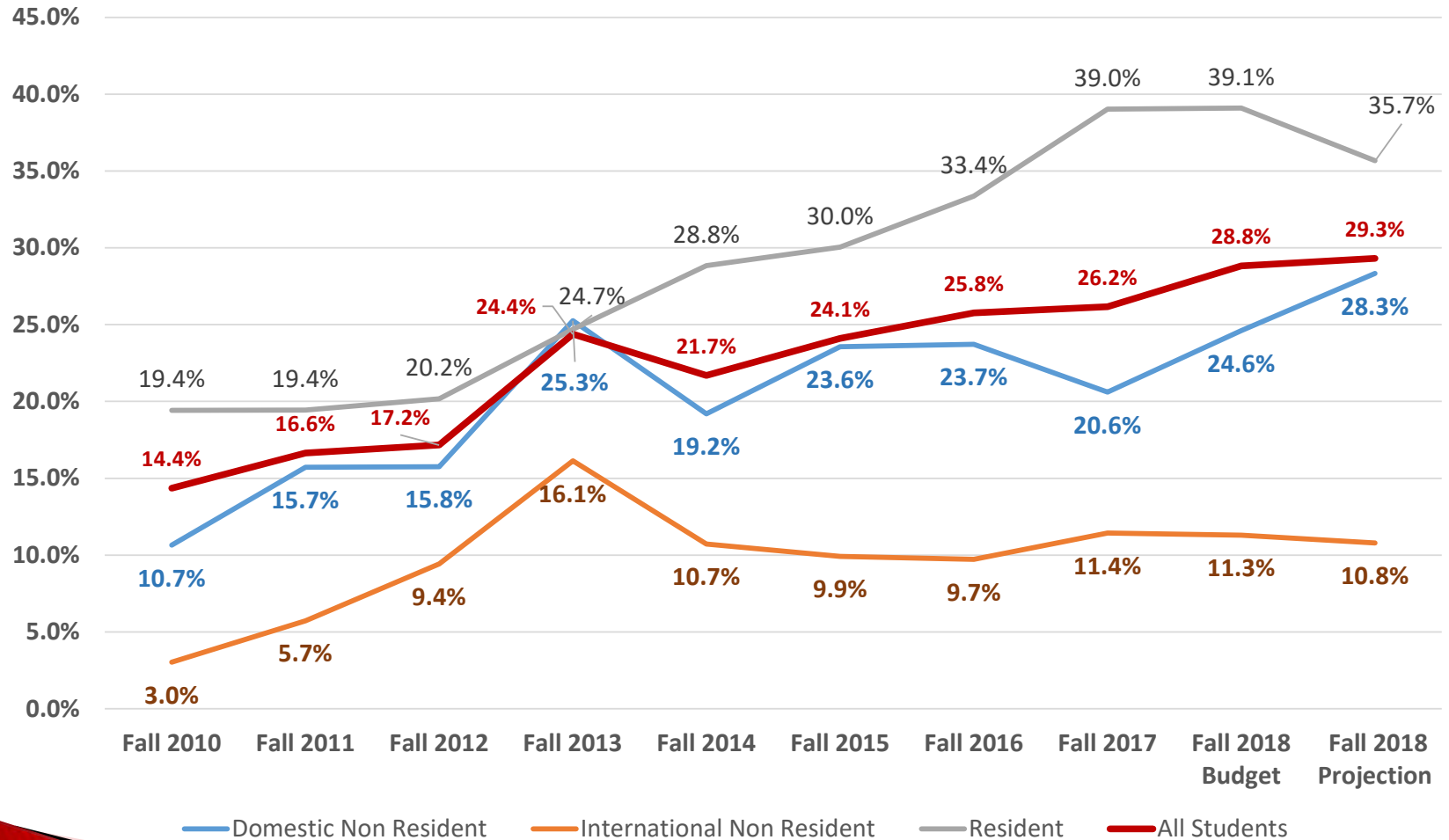
Fall 2018 Net Instructional Fee Revenue for Oxford Campus First Time Students

Student Type	FY14	FY15	FY16	FY17	FY18	FY19 Budget	FY19 Projection
First Time	\$ 43,418,744	\$ 48,270,249	\$ 48,800,839	\$ 49,548,655	\$ 50,772,132	\$ 49,218,873	\$ 49,549,271
First Time Nursing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 730,014	\$ 823,616
Transfer	\$ 3,254,966	\$ 3,035,813	\$ 2,876,817	\$ 3,155,139	\$ 2,750,680	\$ 1,799,494	\$ 2,770,317
Relocate	\$ 2,036,837	\$ 2,314,390	\$ 2,934,498	\$ 3,744,346	\$ 3,966,114	\$ 3,523,462	\$ 2,880,153
ACE	\$ 3,095,879	\$ 6,175,720	\$ 8,553,806	\$ 8,261,620	\$ 5,039,194	\$ 5,343,539	\$ 5,995,142
Total	\$ 51,806,426	\$ 59,796,172	\$ 63,165,960	\$ 64,709,760	\$ 62,528,120	\$ 60,615,382	\$ 62,018,498
Year over Year % Change		15.4%	5.6%	2.4%	-3.4%	-3.1%	-0.8%
Blended Tuition Price Change	1.5%	2.0%	1.0%	4.0%	3.2%	1.5%	1.5%
% Non Residency - Headcount	38.3%	43.3%	45.3%	45.9%	44.7%	40.6%	41.4%

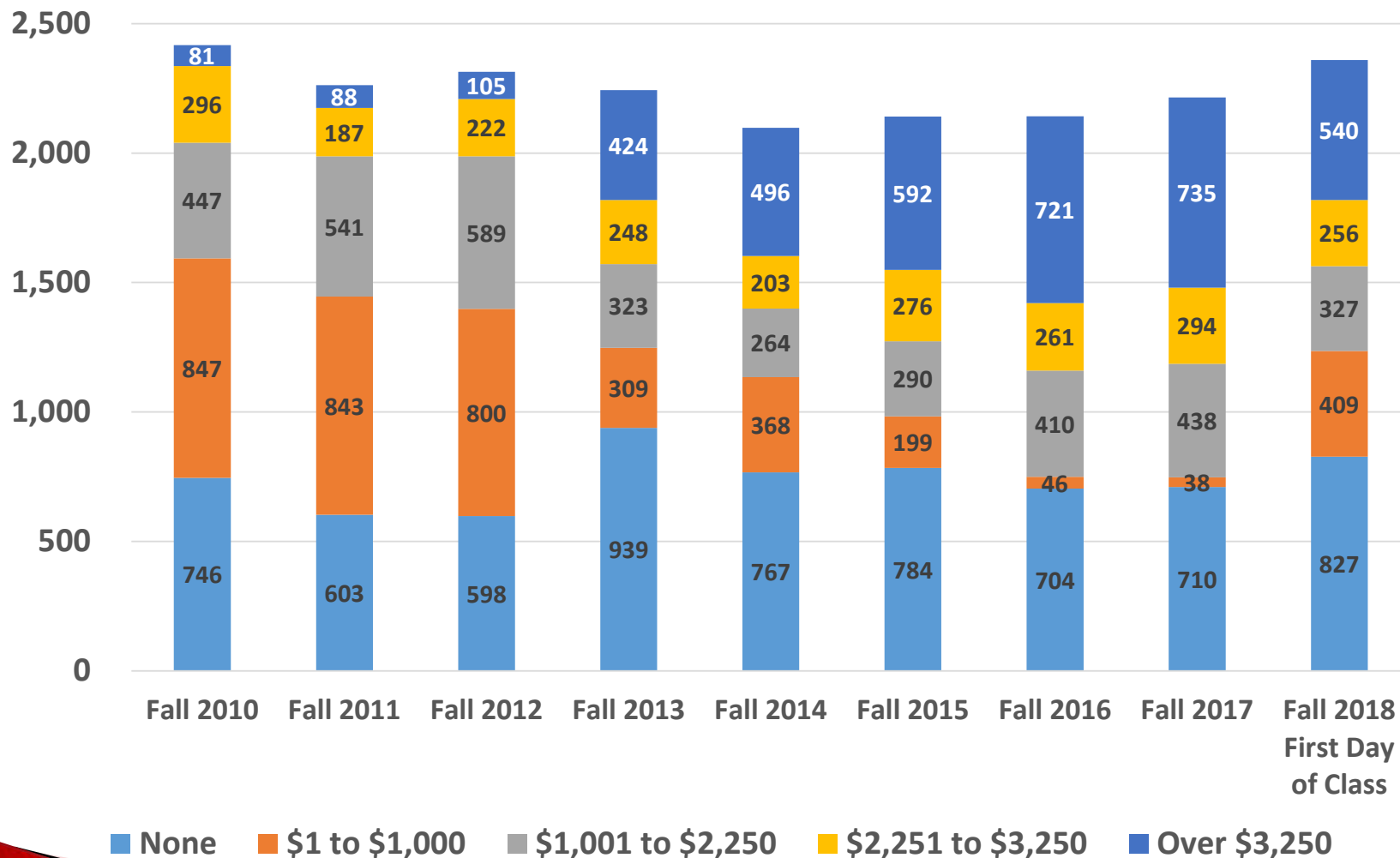
Fall 2018 Net Instructional Revenue for Regional Campuses First-Time Students

Student Type	FY14	FY15	FY16	FY17	FY18	FY19 Budget	FY19 Projection
First Time	\$ 5,991,917	\$ 5,834,799	\$ 4,926,223	\$ 4,536,613	\$ 4,602,035	\$ 5,382,916	\$ 5,212,244
Transfer	\$ 1,557,003	\$ 1,157,434	\$ 1,105,071	\$ 1,228,367	\$ 1,477,495	\$ 1,662,891	\$ 1,393,357
Relocate	\$ 304,732	\$ 373,081	\$ 253,372	\$ 306,955	\$ 111,943	\$ 118,910	\$ 179,578
ELC	\$ 410,256	\$ 887,040	\$ 1,208,592	\$ 1,241,856	\$ 1,036,374	\$ 1,042,720	\$ 1,275,668
Total Instructional Revenue	\$ 8,263,908	\$ 8,252,354	\$ 7,493,258	\$ 7,313,791	\$ 7,227,847	\$ 8,207,437	\$ 8,060,847
Cross Campus True Up	\$ 2,520,512	\$ 3,176,681	\$ 3,730,302	\$ 4,353,611	\$ 5,298,022	\$ 5,199,234	\$ 5,199,234
Total New Resources	\$ 10,784,420	\$ 11,429,035	\$ 11,223,560	\$ 11,667,402	\$ 12,525,869	\$ 13,406,670	\$ 13,260,081
Year over Year % Change		6.0%	-1.8%	4.0%	7.4%	7.0%	5.9%
Blended Tuition Price Change	2.2%	2.0%	1.0%	1.0%	0.6%	-2.8%	-2.8%
% Non Residency - Headcount	2.4%	5.4%	8.2%	7.5%	7.5%	7.5%	11.6%

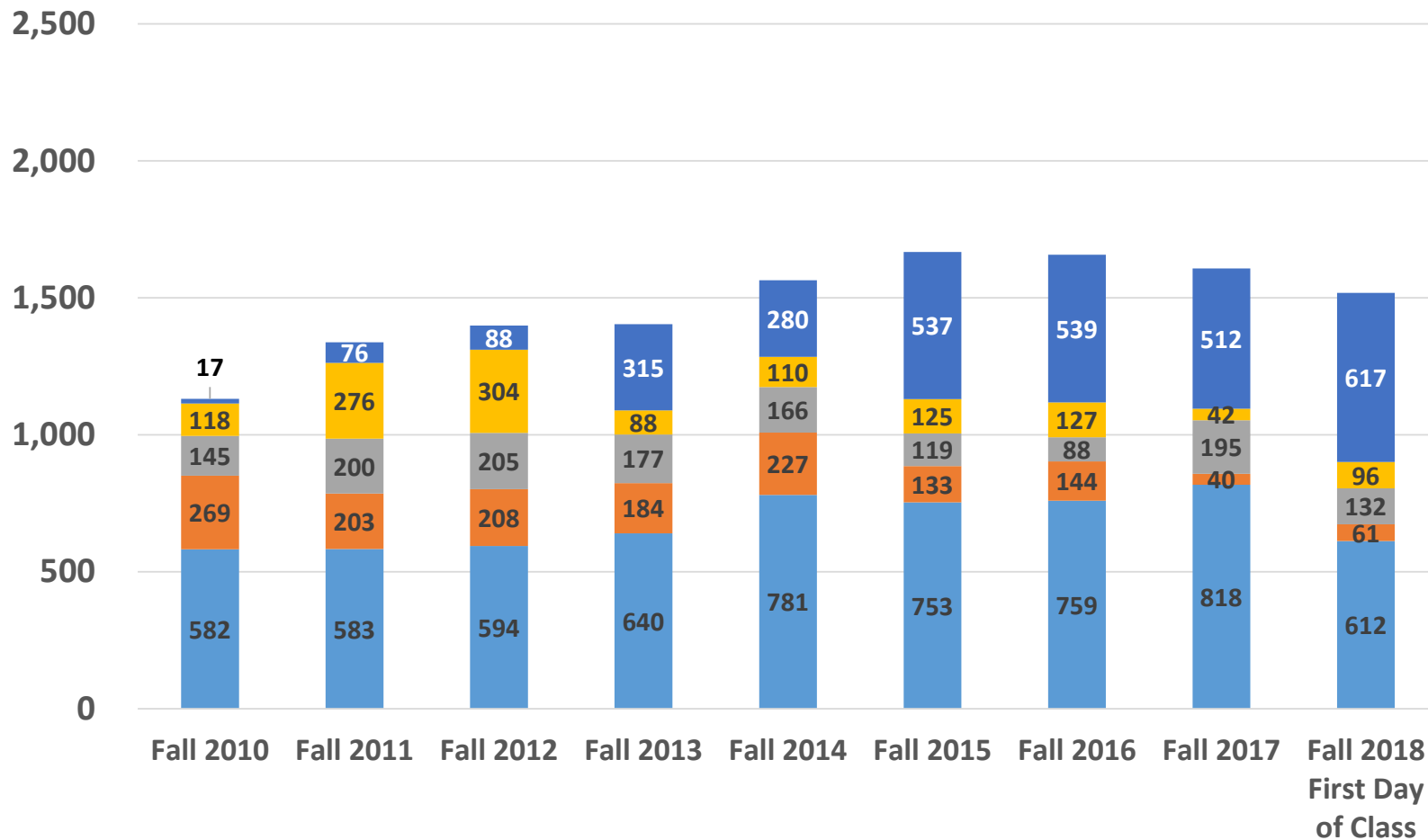
Financial Aid as a Percent of Tuition for Oxford Campus Incoming Class



Resident Student Count by Level of Financial Aid Award

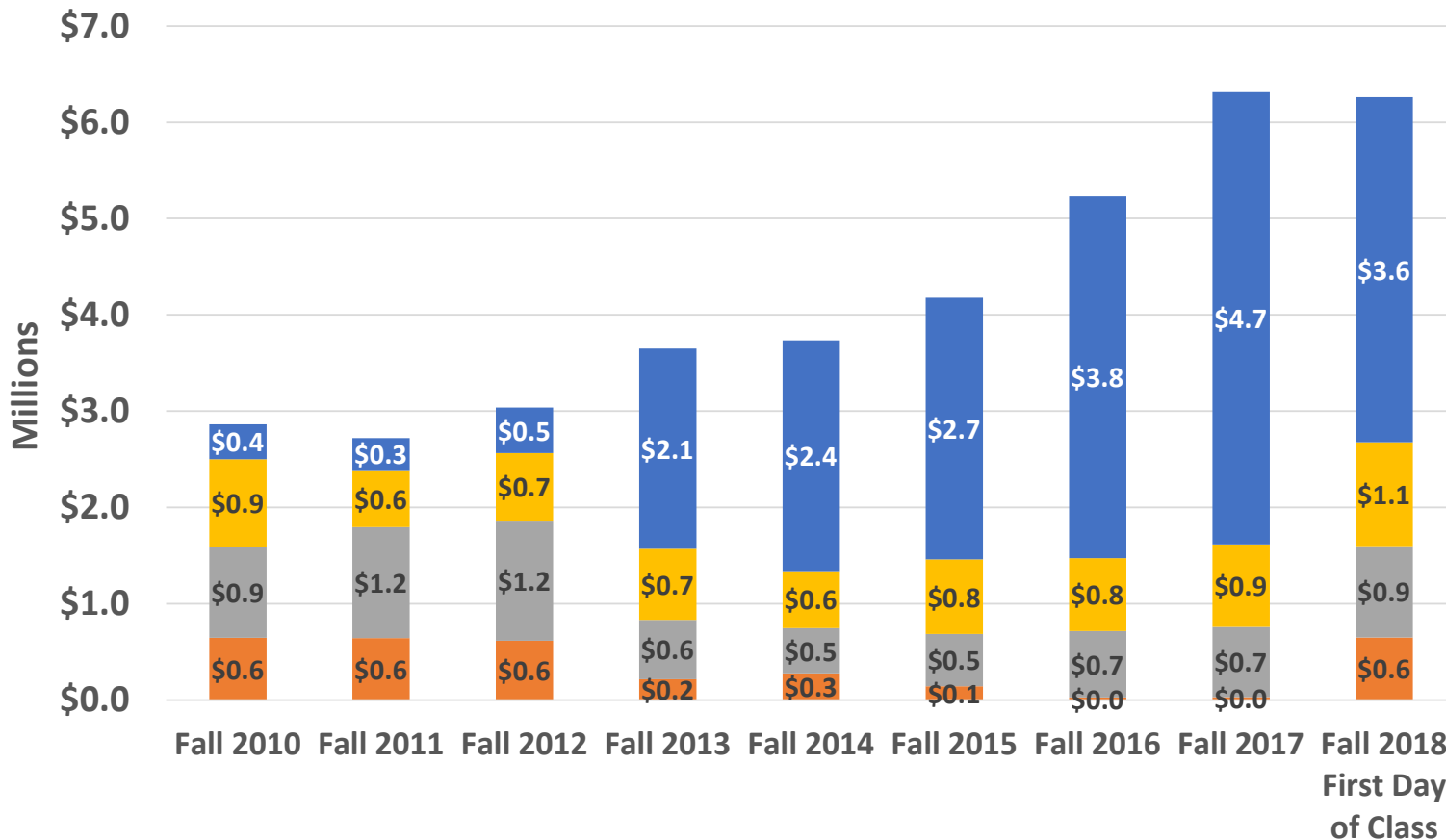


Non Resident Student Count by Level of Financial Aid Award



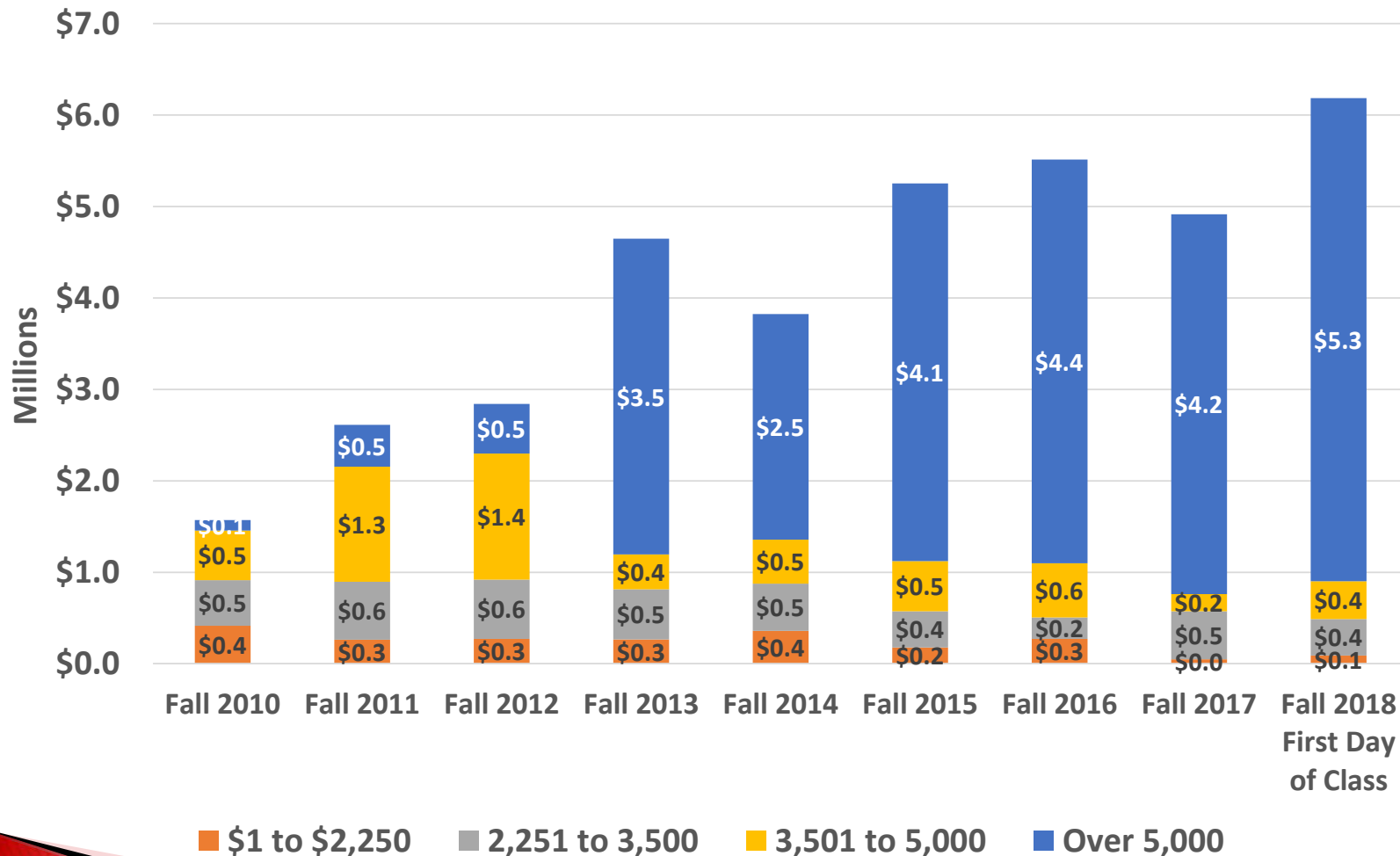
■ None
 ■ \$1 to \$2,250
 ■ \$2,251 to \$3,500
 ■ \$3,501 to \$5,000
 ■ Over \$5,000

Resident Financial Aid by Level of Financial Aid Award (Fall Only)

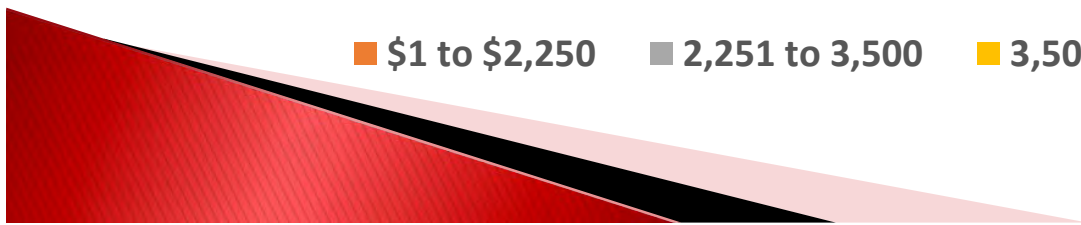


■ \$1 to \$1,000
 ■ \$1,001 to \$2,250
 ■ \$2,251 to \$3,250
 ■ Over \$3,250

Non Resident Financial Aid by Level of Financial Aid Award (Fall Only)



First Day of Class





MIAMI UNIVERSITY

Finance & Audit Committee

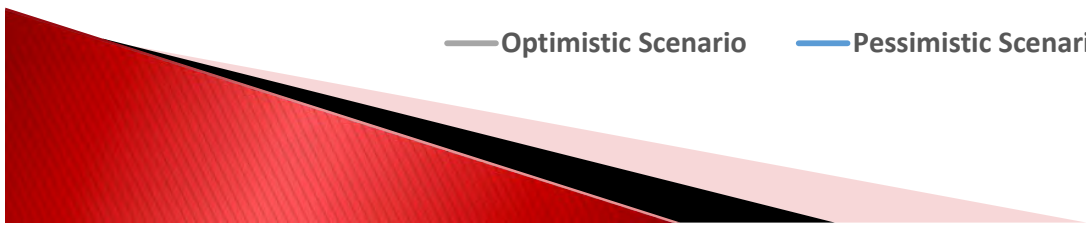
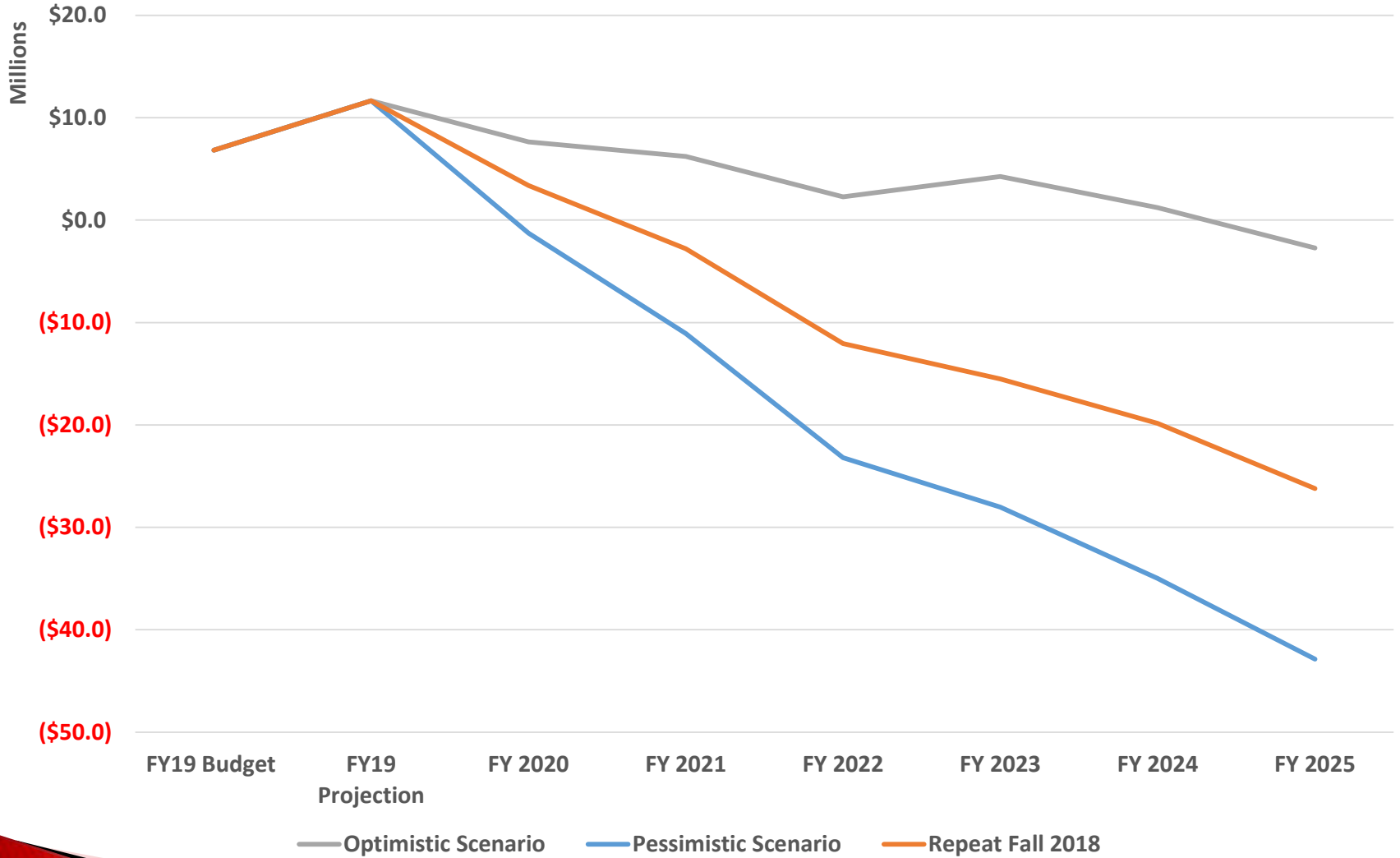
September 13, 2018

Net Instructional Revenue Scenarios

September 13, 2018



Long Range Model Alternative Financial Outcomes



FY 2020 Repeat Fall 2018

	FY2019 Budget	FY2019 Projection	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Enrollment								
First Time Incoming Class Size	3,907	3,912	3,912	3,912	3,912	3,912	3,912	3,912
Non Residency Incoming Class	39.6%	39.8%	39.8%	39.8%	39.8%	39.8%	39.8%	39.8%
Nursing Cohort Incoming Class Size	59	65	65	65	65	65	65	65
Relocate Incoming Class Size	240	186	186	186	186	186	186	186
Transfer Incoming Class Size	173	197	197	197	197	197	197	197
ACE Incoming Class Size	190	192	192	192	192	192	192	192
Total Undergraduate Enrollment	16,950	17,020	16,940	17,195	17,214	17,332	17,298	17,298
Overall Non Resident Percentage	44.1%	44.6%	43.2%	42.3%	41.3%	40.8%	40.8%	40.8%
First Time Cohort Retention Rates:								
Term 1 to Term 3	90.2%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
Term 1 to Term 5	87.0%	86.8%	86.8%	86.8%	86.8%	86.8%	86.8%	86.8%
Term 1 to Term 7	81.4%	80.6%	80.6%	80.6%	80.6%	80.6%	80.6%	80.6%
Revenue								
UG Tuition Promise New Cohort - Non-Resident	1.41%	1.41%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
UG Tuition Promise New Cohort - Resident	1.47%	1.47%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%
UG Continuing Students - Non-Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
UG Continuing Students - Resident	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UG Cohort Discount Rate Growth	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Cross Campus Activity	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M
Cross Campus Nursing Activity	\$200K	\$200K	\$300K	\$900K	\$1.6M	\$1.6M	\$1.6M	\$1.6M
GR Students - Non-Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
GR Students - Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
State Support	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Investment Income	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M
Other Student Charges & Other Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Expense								
Salary Increment	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Health Care Trend	0.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Benefit Increment Increase	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Salary Equity & Benefits	1.0%	1.0%	\$1.4M	0.0%	0.0%	0.0%	0.0%	0.0%
University Advancement Campaign Support			\$2.5M	0.0%	0.0%	0.0%	0.0%	0.0%
Budgeted Vacancy to Balance Divisional Budgets	(\$6.1M)	(\$6.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)
Utilities Trend	0.0%	0.0%	0.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Support Expense Inflation	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Productivity	-0.5%	-0.5%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%

FY 2020 Repeat Fall 2018

	FY19 Budget	FY19 Projection	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Revenue								
Undergraduate Net Instructional Revenue								
UG Total Instructional Fee	\$ 355,081,863	\$ 359,518,263	\$ 360,685,795	\$ 368,171,311	\$ 371,576,324	\$ 378,740,352	\$ 385,357,301	\$ 390,122,805
UG Total Financial Aid	\$ 99,851,192	\$ 99,851,192	\$ 106,395,172	\$ 112,413,145	\$ 118,012,104	\$ 121,419,411	\$ 125,072,211	\$ 128,776,578
UG Total Net Instructional Revenue	\$ 255,230,671	\$ 259,667,071	\$ 254,290,623	\$ 255,758,166	\$ 253,564,220	\$ 257,320,942	\$ 260,285,091	\$ 261,346,227
Graduate Net Instructional Revenue								
GR Total Instructional Fee	\$ 29,470,820	\$ 29,470,820	\$ 29,945,188	\$ 30,544,092	\$ 31,037,624	\$ 31,541,028	\$ 32,171,848	\$ 32,695,589
GR Total Financial Aid	\$ 22,693,542	\$ 22,693,542	\$ 23,093,162	\$ 23,500,774	\$ 23,916,539	\$ 24,340,619	\$ 24,773,181	\$ 25,214,393
GR Total Net Instructional Revenue	\$ 6,777,278	\$ 6,777,278	\$ 6,852,026	\$ 7,043,317	\$ 7,121,085	\$ 7,200,409	\$ 7,398,668	\$ 7,481,196
Total Net Instructional Revenue								
Total Instructional Fee	\$ 384,552,682	\$ 388,989,082	\$ 390,630,983	\$ 398,715,403	\$ 402,613,949	\$ 410,281,380	\$ 417,529,150	\$ 422,818,395
Total Financial Aid	\$ 122,544,734	\$ 122,544,734	\$ 129,488,334	\$ 135,913,920	\$ 141,928,643	\$ 145,760,030	\$ 149,845,391	\$ 153,990,971
Total Net Instructional Revenue	\$ 262,007,948	\$ 266,444,348	\$ 261,142,649	\$ 262,801,483	\$ 260,685,306	\$ 264,521,351	\$ 267,683,759	\$ 268,827,423
Other Student Revenue								
UG General Fees	\$ 46,955,437	\$ 47,350,823	\$ 48,337,489	\$ 49,677,978	\$ 50,508,153	\$ 51,381,458	\$ 52,038,372	\$ 52,754,888
GR General Fees	\$ 3,105,490	\$ 3,105,490	\$ 3,167,600	\$ 3,230,952	\$ 3,295,571	\$ 3,361,483	\$ 3,428,712	\$ 3,497,286
State Support	\$ 64,007,384	\$ 64,007,384	\$ 64,007,384	\$ 64,007,384	\$ 64,007,384	\$ 64,007,384	\$ 64,007,384	\$ 64,007,384
Investment Income	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000
Other Student Charges	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500
All other Revenue	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258
Total Revenue Sources	\$ 386,977,018	\$ 391,808,804	\$ 387,555,880	\$ 390,618,555	\$ 389,397,171	\$ 394,172,433	\$ 398,058,985	\$ 399,987,740
Expense								
Salaries	\$ 190,779,917	\$ 190,779,917	\$ 196,521,903	\$ 202,178,223	\$ 206,490,400	\$ 210,897,614	\$ 215,400,458	\$ 220,000,966
Budgeted Salary & Benefit Vacancy	\$ (6,097,086)	\$ (6,097,086)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)
Promotion & Tenure and Market Adjustments	\$ 1,980,220	\$ 1,980,220	\$ 268,260	\$ 273,625	\$ 279,098	\$ 284,680	\$ 290,373	\$ 296,181
Health Care	\$ 27,914,726	\$ 27,914,726	\$ 27,831,847	\$ 29,765,412	\$ 30,973,628	\$ 32,231,202	\$ 33,540,129	\$ 34,902,486
Other Benefits	\$ 37,466,513	\$ 37,466,513	\$ 39,179,740	\$ 39,774,000	\$ 40,200,564	\$ 40,632,061	\$ 41,068,553	\$ 41,510,103
Utilities	\$ 13,581,907	\$ 13,581,907	\$ 13,581,907	\$ 13,989,364	\$ 14,409,045	\$ 14,841,316	\$ 15,286,556	\$ 15,745,153
Non-Personnel Expenses	\$ 33,421,078	\$ 33,421,078	\$ 35,141,920	\$ 38,451,913	\$ 39,220,951	\$ 40,005,370	\$ 40,805,477	\$ 41,621,587
Capital Expense	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000
Other Transfers *	\$ 6,205,515	\$ 6,205,515	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045
Debt Service	\$ 7,449,686	\$ 7,449,686	\$ 7,130,867	\$ 7,117,581	\$ 7,112,037	\$ 7,089,348	\$ 7,090,636	\$ 6,908,077
General Fee Allocation	\$ 49,571,223	\$ 49,571,223	\$ 50,619,490	\$ 52,023,840	\$ 52,918,633	\$ 53,857,849	\$ 54,581,993	\$ 55,367,084
Sub-Total Expense	\$ 377,253,698	\$ 377,253,698	\$ 380,116,013	\$ 393,414,038	\$ 401,444,435	\$ 409,679,521	\$ 417,904,257	\$ 426,191,715
Productivity Savings	\$ (580,941)	\$ (580,941)	\$ (577,990)	\$ -	\$ -	\$ -	\$ -	\$ -
Academic Affairs New Investments from Productivity	\$ 710,038	\$ 710,038	\$ 706,489	\$ -	\$ -	\$ -	\$ -	\$ -
Academic Affairs Other Commitments & Investments	\$ 198,600	\$ 198,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non Academic Affairs Commitments & Investments	\$ 1,968,172	\$ 1,968,172	\$ 3,941,034	\$ -	\$ -	\$ -	\$ -	\$ -
New Investments - Academic Divisional	\$ 603,900	\$ 603,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ 380,153,468	\$ 380,153,468	\$ 384,185,545	\$ 393,414,038	\$ 401,444,435	\$ 409,679,521	\$ 417,904,257	\$ 426,191,715
Surplus / (Deficit)	\$ 6,823,550	\$ 11,655,336	\$ 3,370,335	\$ (2,795,483)	\$ (12,047,264)	\$ (15,507,088)	\$ (19,845,272)	\$ (26,203,975)

FY 2020 Optimistic Scenario

	FY2019 Budget	FY2019 Projection	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Enrollment								
First Time Incoming Class Size	3,907	3,912	3,850	3,850	3,850	3,850	3,850	3,850
Non Residency Incoming Class	39.6%	39.8%	43.0%	43.0%	43.0%	43.0%	43.0%	43.0%
Nursing Cohort Incoming Class Size	59	65	80	80	80	80	80	80
Relocate Incoming Class Size	240	186	225	225	225	225	225	225
Transfer Incoming Class Size	173	197	225	225	225	225	225	225
ACE Incoming Class Size	190	192	220	220	220	220	220	220
Total Undergraduate Enrollment	16,950	17,020	16,988	17,286	17,351	17,459	17,298	17,300
Overall Non Resident Percentage	44.1%	44.6%	43.9%	43.8%	43.5%	43.9%	44.2%	44.2%
First Time Cohort Retention Rates:								
Term 1 to Term 3	90.2%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
Term 1 to Term 5	87.0%	86.8%	86.8%	86.8%	86.8%	86.8%	86.8%	86.8%
Term 1 to Term 7	81.4%	80.6%	80.8%	80.8%	80.8%	80.8%	80.8%	80.8%
Revenue								
UG Tuition Promise New Cohort - Non-Resident	1.41%	1.41%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
UG Tuition Promise New Cohort - Resident	1.47%	1.47%	1.40%	1.40%	2.50%	2.50%	2.50%	2.50%
UG Continuing Students - Non-Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
UG Continuing Students - Resident	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UG Cohort Discount Rate Growth	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Cross Campus Activity	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M
Cross Campus Nursing Activity	\$200K	\$200K	\$300K	\$900K	\$1.6M	\$1.6M	\$1.6M	\$1.6M
GR Students - Non-Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
GR Students - Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
State Support	-0.2%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Investment Income	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M
Other Student Charges & Other Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Expense								
Salary Increment	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Health Care Trend	0.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Benefit Increment Increase	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Salary Equity & Benefits	1.0%	1.0%	\$1.4M	0.0%	0.0%	0.0%	0.0%	0.0%
University Advancement Campaign Support			\$2.5M	0.0%	0.0%	0.0%	0.0%	0.0%
Budgeted Vacancy to Balance Divisional Budgets	(\$6.1M)	(\$6.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)
Utilities Trend	0.0%	0.0%	0.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Support Expense Inflation	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Productivity	-0.5%	-0.5%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%

FY 2020 Optimistic Scenario

	FY19 Budget	FY19 Projection	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Revenue								
Undergraduate Net Instructional Revenue								
UG Total Instructional Fee	\$ 355,081,863	\$ 359,518,263	\$ 363,864,529	\$ 374,981,291	\$ 382,719,233	\$ 394,419,105	\$ 401,368,184	\$ 407,655,750
UG Total Financial Aid	\$ 99,851,192	\$ 99,851,192	\$ 106,574,955	\$ 112,803,802	\$ 118,742,995	\$ 122,604,892	\$ 126,684,363	\$ 130,901,273
UG Total Net Instructional Revenue	\$ 255,230,671	\$ 259,667,071	\$ 257,289,573	\$ 262,177,489	\$ 263,976,238	\$ 271,814,213	\$ 274,683,821	\$ 276,754,477
Graduate Net Instructional Revenue								
GR Total Instructional Fee	\$ 29,470,820	\$ 29,470,820	\$ 29,945,188	\$ 30,544,092	\$ 31,037,624	\$ 31,541,028	\$ 32,171,848	\$ 32,695,589
GR Total Financial Aid	\$ 22,693,542	\$ 22,693,542	\$ 23,093,162	\$ 23,500,774	\$ 23,916,539	\$ 24,340,619	\$ 24,773,181	\$ 25,214,393
GR Total Net Instructional Revenue	\$ 6,777,278	\$ 6,777,278	\$ 6,852,026	\$ 7,043,317	\$ 7,121,085	\$ 7,200,409	\$ 7,398,668	\$ 7,481,196
Total Net Instructional Revenue								
Total Instructional Fee	\$ 384,552,682	\$ 388,989,082	\$ 393,809,717	\$ 405,525,383	\$ 413,756,858	\$ 425,960,132	\$ 433,540,033	\$ 440,351,340
Total Financial Aid	\$ 122,544,734	\$ 122,544,734	\$ 129,668,117	\$ 136,304,577	\$ 142,659,534	\$ 146,945,511	\$ 151,457,544	\$ 156,115,667
Total Net Instructional Revenue	\$ 262,007,948	\$ 266,444,348	\$ 264,141,599	\$ 269,220,806	\$ 271,097,324	\$ 279,014,622	\$ 282,082,489	\$ 284,235,673
Other Student Revenue								
UG General Fees	\$ 46,955,437	\$ 47,350,823	\$ 48,426,632	\$ 49,898,455	\$ 51,042,660	\$ 52,295,579	\$ 53,193,752	\$ 54,475,132
GR General Fees	\$ 3,105,490	\$ 3,105,490	\$ 3,167,600	\$ 3,230,952	\$ 3,295,571	\$ 3,361,483	\$ 3,428,712	\$ 3,497,286
State Support	\$ 64,007,384	\$ 64,007,384	\$ 65,287,532	\$ 66,593,282	\$ 67,925,148	\$ 69,283,651	\$ 70,669,324	\$ 72,082,710
Investment Income	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000
Other Student Charges	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500
All other Revenue	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258
Total Revenue Sources	\$ 386,977,018	\$ 391,808,804	\$ 391,924,121	\$ 399,844,253	\$ 404,261,460	\$ 414,856,092	\$ 420,275,036	\$ 425,191,560
Expense								
Salaries	\$ 190,779,917	\$ 190,779,917	\$ 196,521,903	\$ 202,178,223	\$ 206,490,400	\$ 210,897,614	\$ 215,400,458	\$ 220,000,966
Budgeted Salary & Benefit Vacancy	\$ (6,097,086)	\$ (6,097,086)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)
Promotion & Tenure and Market Adjustments	\$ 1,980,220	\$ 1,980,220	\$ 268,260	\$ 273,625	\$ 279,098	\$ 284,680	\$ 290,373	\$ 296,181
Health Care	\$ 27,914,726	\$ 27,914,726	\$ 27,831,847	\$ 29,765,412	\$ 30,973,628	\$ 32,231,202	\$ 33,540,129	\$ 34,902,486
Other Benefits	\$ 37,466,513	\$ 37,466,513	\$ 39,179,740	\$ 39,774,000	\$ 40,200,564	\$ 40,632,061	\$ 41,068,553	\$ 41,510,103
Utilities	\$ 13,581,907	\$ 13,581,907	\$ 13,581,907	\$ 13,989,364	\$ 14,409,045	\$ 14,841,316	\$ 15,286,556	\$ 15,745,153
Non-Personnel Expenses	\$ 33,421,078	\$ 33,421,078	\$ 35,141,920	\$ 38,451,913	\$ 39,220,951	\$ 40,005,370	\$ 40,805,477	\$ 41,621,587
Capital Expense	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000
Other Transfers *	\$ 6,205,515	\$ 6,205,515	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045
Debt Service	\$ 7,449,686	\$ 7,449,686	\$ 7,130,867	\$ 7,117,581	\$ 7,112,037	\$ 7,089,348	\$ 7,090,636	\$ 6,908,077
General Fee Allocation	\$ 49,571,223	\$ 49,571,223	\$ 50,708,633	\$ 52,244,316	\$ 53,453,140	\$ 54,771,971	\$ 55,737,374	\$ 57,087,328
Sub-Total Expense	\$ 377,253,698	\$ 377,253,698	\$ 380,205,156	\$ 393,634,515	\$ 401,978,942	\$ 410,593,642	\$ 419,059,637	\$ 427,911,959
Productivity Savings	\$ (580,941)	\$ (580,941)	\$ (577,990)	\$ -	\$ -	\$ -	\$ -	\$ -
Academic Affairs New Investments from Productivity	\$ 710,038	\$ 710,038	\$ 706,489	\$ -	\$ -	\$ -	\$ -	\$ -
Academic Affairs Other Commitments & Investments	\$ 198,600	\$ 198,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non Academic Affairs Commitments & Investments	\$ 1,968,172	\$ 1,968,172	\$ 3,941,034	\$ -	\$ -	\$ -	\$ -	\$ -
New Investments - Academic Divisional	\$ 603,900	\$ 603,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ 380,153,468	\$ 380,153,468	\$ 384,274,689	\$ 393,634,515	\$ 401,978,942	\$ 410,593,642	\$ 419,059,637	\$ 427,911,959
Surplus / (Deficit)	\$ 6,823,550	\$ 11,655,336	\$ 7,649,433	\$ 6,209,738	\$ 2,282,518	\$ 4,262,450	\$ 1,215,398	\$ (2,720,399)

FY 2020 Pessimistic Scenario

	FY2019 Budget	FY2019 Projection	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Enrollment								
First Time Incoming Class Size	3,907	3,912	3,820	3,820	3,820	3,820	3,820	3,820
Non Residency Incoming Class	39.6%	39.8%	37.5%	37.5%	37.5%	37.5%	37.5%	37.5%
Nursing Cohort Incoming Class Size	59	65	65	65	65	65	65	65
Relocate Incoming Class Size	240	186	175	175	175	175	175	175
Transfer Incoming Class Size	173	197	190	190	190	190	190	190
ACE Incoming Class Size	190	192	180	180	180	180	180	180
Total Undergraduate Enrollment	16,950	17,020	16,818	16,975	16,905	16,960	16,778	16,780
Overall Non Resident Percentage	44.1%	44.6%	42.6%	41.3%	39.7%	39.0%	39.2%	39.2%
First Time Cohort Retention Rates:								
Term 1 to Term 3	90.2%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
Term 1 to Term 5	87.0%	86.8%	86.8%	86.8%	86.8%	86.8%	86.8%	86.8%
Term 1 to Term 7	81.4%	80.6%	80.8%	80.8%	80.8%	80.8%	80.8%	80.8%
Revenue								
UG Tuition Promise New Cohort - Non-Resident	1.41%	1.41%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
UG Tuition Promise New Cohort - Resident	1.47%	1.47%	1.40%	1.40%	1.40%	1.40%	1.40%	1.40%
UG Continuing Students - Non-Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
UG Continuing Students - Resident	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UG Cohort Discount Rate Growth	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Cross Campus Activity	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M	\$5.1M
Cross Campus Nursing Activity	\$200K	\$200K	\$300K	\$900K	\$1.6M	\$1.6M	\$1.6M	\$1.6M
GR Students - Non-Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
GR Students - Resident	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
State Support	0.0%	0.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%	-1.0%
Investment Income	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M	\$1.1M
Other Student Charges & Other Revenue	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Expense								
Salary Increment	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Health Care Trend	0.0%	0.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
Benefit Increment Increase	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Salary Equity & Benefits	1.0%	1.0%	\$1.4M	0.0%	0.0%	0.0%	0.0%	0.0%
University Advancement Campaign Support			\$2.5M	0.0%	0.0%	0.0%	0.0%	0.0%
Budgeted Vacancy to Balance Divisional Budgets	(\$6.1M)	(\$6.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)	(\$8.1M)
Utilities Trend	0.0%	0.0%	0.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Support Expense Inflation	2.0%	2.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Productivity	-0.5%	-0.5%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%

FY 2020 Pessimistic Scenario

	FY19 Budget	FY19 Projection	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Revenue								
Undergraduate Net Instructional Revenue								
UG Total Instructional Fee	\$ 355,081,863	\$ 359,518,263	\$ 356,034,371	\$ 359,729,427	\$ 360,153,351	\$ 365,924,080	\$ 371,033,100	\$ 375,580,940
UG Total Financial Aid	\$ 99,851,192	\$ 99,851,192	\$ 105,142,331	\$ 109,785,079	\$ 114,019,425	\$ 116,052,724	\$ 119,424,862	\$ 122,980,036
UG Total Net Instructional Revenue	\$ 255,230,671	\$ 259,667,071	\$ 250,892,040	\$ 249,944,349	\$ 246,133,927	\$ 249,871,356	\$ 251,608,238	\$ 252,600,904
Graduate Net Instructional Revenue								
GR Total Instructional Fee	\$ 29,470,820	\$ 29,470,820	\$ 29,945,188	\$ 30,544,092	\$ 31,037,624	\$ 31,541,028	\$ 32,171,848	\$ 32,695,589
GR Total Financial Aid	\$ 22,693,542	\$ 22,693,542	\$ 23,093,162	\$ 23,500,774	\$ 23,916,539	\$ 24,340,619	\$ 24,773,181	\$ 25,214,393
GR Total Net Instructional Revenue	\$ 6,777,278	\$ 6,777,278	\$ 6,852,026	\$ 7,043,317	\$ 7,121,085	\$ 7,200,409	\$ 7,398,668	\$ 7,481,196
Total Net Instructional Revenue								
Total Instructional Fee	\$ 384,552,682	\$ 388,989,082	\$ 385,979,559	\$ 390,273,519	\$ 391,190,976	\$ 397,465,108	\$ 403,204,948	\$ 408,276,529
Total Financial Aid	\$ 122,544,734	\$ 122,544,734	\$ 128,235,493	\$ 133,285,853	\$ 137,935,964	\$ 140,393,343	\$ 144,198,042	\$ 148,194,429
Total Net Instructional Revenue	\$ 262,007,948	\$ 266,444,348	\$ 257,744,066	\$ 256,987,666	\$ 253,255,012	\$ 257,071,765	\$ 259,006,906	\$ 260,082,100
Other Student Revenue								
UG General Fees	\$ 46,955,437	\$ 47,350,823	\$ 47,968,012	\$ 49,027,365	\$ 49,675,007	\$ 50,481,417	\$ 50,905,317	\$ 51,618,736
GR General Fees	\$ 3,105,490	\$ 3,105,490	\$ 3,167,600	\$ 3,230,952	\$ 3,295,571	\$ 3,361,483	\$ 3,428,712	\$ 3,497,286
State Support	\$ 64,007,384	\$ 64,007,384	\$ 63,367,310	\$ 62,733,637	\$ 62,106,301	\$ 61,485,238	\$ 60,870,385	\$ 60,261,681
Investment Income	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000	\$ 6,390,000
Other Student Charges	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500	\$ 2,676,500
All other Revenue	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258	\$ 1,834,258
Total Revenue Sources	\$ 386,977,018	\$ 391,808,804	\$ 383,147,746	\$ 382,880,378	\$ 379,232,649	\$ 383,300,660	\$ 385,112,078	\$ 386,360,562
Expense								
Salaries	\$ 190,779,917	\$ 190,779,917	\$ 196,521,903	\$ 202,178,223	\$ 206,490,400	\$ 210,897,614	\$ 215,400,458	\$ 220,000,966
Budgeted Salary & Benefit Vacancy	\$ (6,097,086)	\$ (6,097,086)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)	\$ (8,073,965)
Promotion & Tenure and Market Adjustments	\$ 1,980,220	\$ 1,980,220	\$ 268,260	\$ 273,625	\$ 279,098	\$ 284,680	\$ 290,373	\$ 296,181
Health Care	\$ 27,914,726	\$ 27,914,726	\$ 28,426,810	\$ 30,946,002	\$ 32,802,382	\$ 34,771,155	\$ 36,859,084	\$ 39,073,338
Other Benefits	\$ 37,466,513	\$ 37,466,513	\$ 39,179,740	\$ 39,774,000	\$ 40,200,564	\$ 40,632,061	\$ 41,068,553	\$ 41,510,103
Utilities	\$ 13,581,907	\$ 13,581,907	\$ 13,581,907	\$ 13,989,364	\$ 14,409,045	\$ 14,841,316	\$ 15,286,556	\$ 15,745,153
Non-Personnel Expenses	\$ 33,421,078	\$ 33,421,078	\$ 35,141,920	\$ 38,451,913	\$ 39,220,951	\$ 40,005,370	\$ 40,805,477	\$ 41,621,587
Capital Expense	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000	\$ 14,980,000
Other Transfers *	\$ 6,205,515	\$ 6,205,515	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045	\$ 2,934,045
Debt Service	\$ 7,449,686	\$ 7,449,686	\$ 7,130,867	\$ 7,117,581	\$ 7,112,037	\$ 7,089,348	\$ 7,090,636	\$ 6,908,077
General Fee Allocation	\$ 49,571,223	\$ 49,571,223	\$ 50,250,013	\$ 51,373,226	\$ 52,085,488	\$ 52,957,809	\$ 53,448,938	\$ 54,230,932
Sub-Total Expense	\$ 377,253,698	\$ 377,253,698	\$ 380,341,500	\$ 393,944,014	\$ 402,440,045	\$ 411,319,434	\$ 420,090,156	\$ 429,226,416
Productivity Savings	\$ (580,941)	\$ (580,941)	\$ (577,990)	\$ -	\$ -	\$ -	\$ -	\$ -
Academic Affairs New Investments from Productivity	\$ 710,038	\$ 710,038	\$ 706,489	\$ -	\$ -	\$ -	\$ -	\$ -
Academic Affairs Other Commitments & Investments	\$ 198,600	\$ 198,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non Academic Affairs Commitments & Investments	\$ 1,968,172	\$ 1,968,172	\$ 3,941,034	\$ -	\$ -	\$ -	\$ -	\$ -
New Investments - Academic Divisional	\$ 603,900	\$ 603,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Expense	\$ 380,153,468	\$ 380,153,468	\$ 384,411,032	\$ 393,944,014	\$ 402,440,045	\$ 411,319,434	\$ 420,090,156	\$ 429,226,416
Surplus / (Deficit)	\$ 6,823,550	\$ 11,655,336	\$ (1,263,286)	\$ (11,063,636)	\$ (23,207,396)	\$ (28,018,773)	\$ (34,978,078)	\$ (42,865,855)

Questions?

Quasi-Endowment Resolution R20-

WHEREAS, the Farmer School of Business (FSB) raised gifts from generous donors to fund a portion of the construction of the FSB Building; and

WHEREAS, a portion of the construction costs were provided through the issuance of bonds; and

WHEREAS, the debt service on the bonds has been paid from both donations and budgeted Education & General (E&G) funds; and

WHEREAS, donations to support the construction and debt service of the FSB Building in the amount of \$1,607,438 have been received and are being held, and an additional \$7,000,000 in donations are expected from future bequests; and

WHEREAS, the E&G budgeted amount for this obligation is now available to support future maintenance and improvements for the FSB Building; and

WHEREAS, Resolution R2015-45 established the Miami University Quasi-Endowment Policy; and

WHEREAS, the Dean of FSB desires to apply the newly available funding to create a quasi-endowment for FSB Building maintenance and improvements; and

WHEREAS, the Provost and the Senior Vice President for Finance and Business Services of the University, with the concurrence of the Dean of the FSB and the Finance and Audit Committee, have recommended approval of this plan;

NOW, THEREFORE BE IT RESOLVED that the Board of Trustees approves the creation of the Farmer School of Business Building Fund quasi-endowment with \$1,607,438 in funds currently available, and an additional \$7,000,000 when the bequests mature; and

BE IT FURTHER RESOLVED that the annual distributions of the FSB Building Fund be used as determined annually at the discretion of the FSB Dean for the maintenance and improvements of the FSB building, including technology and equipment used in the building, or FSB student programming.


Investments & Treasury Services Office

 107 Roudebush Hall
 Oxford, OH 45056
 (513) 529-6110
 (513) 529-6124 fax
 MiamiOH.edu

To: Phyllis Callahan and David Creamer
 From: Bruce Guiot *BAG*
 Subject: Farmer School of Business Building Quasi-endowment
 Date: July 26, 2018

The original capital project plan for the new Farmer School of Business (FSB) building included a combination of gifts and debt. Through FY2018, the project is complete with no project fund balance or deficit, all gift pledges (except bequests) have been paid in full, and the remaining debt service through FY 2027, which has been refunded, is budgeted to be covered by E&G.

Gifts received to date have been used for construction costs and debt service. We currently hold a balance of \$1,607,438 of gifts not yet spent. In addition, we expect \$7,000,000 from three bequests at an unknown date in the future.

The gifts were intended to fund construction of named spaces in the building, which includes debt service. While the cost of construction has been covered, there is no funding plan for the ongoing maintenance of the building, and it is reaching a point in its life when it will begin to need work. The recommendation is to apply the remaining gift funds, both the cash on hand and the future bequests, to debt service on the building. The committed E&G funds that the gifts free up would be used to create a quasi-endowment, with the annual distribution being used at the discretion of the FSB dean for maintenance of the FSB building, including technology and equipment used in the building, or FSB student programming.

This recommendation has been reviewed and endorsed by Dean Rubin at FSB.

Approved: *Phyllis Callahan*
 Phyllis Callahan

Date: *8/8/18*

Approved: *David D. Creamer*
 David Creamer

Date: *July 31, 2018*

To: Finance and Audit Committee
From: Barbara K. Jena, Chief Audit Officer
Subject: **Internal Audit & Consulting Services** - FY 2019 Internal Audit Plan
Date: August 24, 2018

Barbara K. Jena

The following presents the Internal Audit and Consulting Services (IACS) annual plan and scope of activities for fiscal year 2019. The attached Internal Audit Plan is based on a risk analysis of key areas across the University. It was shared with John Altman and is now presented to the full Committee for approval and any comments you may have.

The Audit Plan lists the audit projects, time schedule, and the related University division and audit area. The Audit Plan also provides a reference to the Audit Risk Analysis, so you can see the level of risk addressed. For example, the *Health Services Accounting Audit* (top row of the audit plan) addresses risk rankings of 6, 24, and 35 for the Division of Student Life, Student Health Services, and General Accounting, respectively.

Because IT Services is routinely one of the highest audit risks, the Audit Plan includes the following four IT audit areas:

- Compliance with Vulnerability Management Standard;
- Outsourcing a vulnerability assessment, likely targeting parking, housing, purchasing, construction, and camera systems;
- Securing confidential information follow-up audit; and
- IT consulting, including new Finance and Business Services systems.

In addition to IT audits, other highlights of the Audit Plan include:

- IACS quality assurance review – onsite review by IIA September 5-7, 2018;
- Purchasing Card continuous monitoring – using data analytics software; and
- Pearson Hall construction project – audit for compliance with Ohio Revised Code.

I look forward to discussing the proposed Internal Audit Plan with the Committee.

Internal Audit
Internal Audit and Consulting Services
FY 2019 Audit Plan

Reference to Audit Risk Analysis	Division	Audit Area	Audit Project	Lead Auditor	Assisting Auditor	July 1	Aug 2	Sept 3	Oct 4	Nov 5	Dec 6	Jan 7	Feb 8	Mar 9	Apr 10	May 11	June 12
6; 24; 35	Finance & Bus. Svc.	General Accounting	Health Services Accounting Audit	BJ													
9; 38	Finance & Bus. Svc.	Campus Services	Physical Inventory Audit - Campus Services	TM	QZ												
	Finance & Bus. Svc.	IACS	Quality Assurance Review	BJ													
30	Enrollment Mgt & SS	Admissions	Admissions P-Card and Travel Audit	QZ													
4	University-wide	HR and Academic Personnel	Independent Contractor - Follow-up Audit	TM													
6	Student Life	OESCR	VAWA Required Notifications - Agreed-upon Procedures	TM													
29	University-wide	University-wide	P-Card Continuous Monitoring	TM	QZ												
	University-wide	University-wide	LEAN Consulting Services	TM													
1	IT Services	IT Services	Consulting - IT (including new FBS systems)	BJ													
20	University-wide	University-wide	EthicsPoint Reporting System with General Counsel	BJ													
21	Enrollment Mgt & SS	Bursar	Tuition Promise	TM													
15	Enrollment Mgt & SS	Registrar	Academic Record Updates - Follow-up Audit	BJ													
2; 3	Finance & Bus. Svc.	Treasury Services	Pledge Financial Accounting - Follow-up Audit	BJ													
18	Finance & Bus. Svc.	Police	Clery Act Crime Statistics - Agreed-upon Procedures	TM													
22; 36	Academic Affairs	Global Initiatives	Confucius Institute - Follow-up Audit	AZ													
13	Academic Affairs	College of Arts & Science	Psychology Department P-Card Audit	QZ													
29	Finance & Bus. Svc.	Accounts Payable	ACH Fraud - Follow-up Audit	BJ													
8; 36	Enrollment Mgt & SS	Student Financial Assistance	Federal Student Aid Funds Management - Follow-up Audit	BJ													
11	Academic Affairs	Farmer School of Business	Miami Mock Trial Program - Follow-up Audit	TM													
1	IT Services	Information Security	Securing Confidential Information - Follow-up Audit	BJ													
5	Finance & Bus. Svc.	Physical Facilities Dept.	Construction Project Audit - Pearson Hall	TM													
43	Finance & Bus. Svc.	Campus Services	MITech - Verizon Agreement Audit	QZ													
15	Enrollment Mgt & SS	One Stop	Ohio Residency for Tuition Purposes Audit	BJ													
20	University-wide	University-wide	Enterprise Compliance Assessment	BJ	TM												
12	Academic Affairs	College of Creative Arts	Department of Music - Follow-up Audit	BJ	AZ												
1	IT Services	Information Security	Compliance with Vulnerability Management Standard	TM	BJ												
29	Finance & Bus. Svc.	Accounts Payable	Lean Project - Identify Questionable Vendor Payments	TM	QZ												
7	President	Intercollegiate Athletics	Football Attendance - Agreed-upon Procedures	TM													
29	Finance & Bus. Svc.	Accounts Payable	Credit Memos - Follow-up Audit	TM	AZ												
1	IT Services	Information Security	Outsourcing a Vulnerability Assessment	BJ													
20	University-wide	University-wide	Enterprise Risk Assessment	BJ													
2; 52	University Advancement	WCAA	Western College Alumnae Association Financial Audit	QZ													
48	Finance & Bus. Svc.	HDRBS	Box Office Audit	QZ													
35	Finance & Bus. Svc.	General Accounting	Miscellaneous Accounts Receivable Audit	TM													
9; 38	Finance & Bus. Svc.	Campus Services	Physical Inventory Audit - 2019	TM	QZ												

**BOARD OF TRUSTEES
MIAMI UNIVERSITY
Minutes of the Investment Subcommittee Meeting
September 12, 2018
Room 3075, Farmer School of Business**

The Investment Subcommittee met on September 12, 2018 in the Farmer School of Business Building, Room 3075, on the Oxford campus. The meeting was called to order at 3:45 p.m., with members National Trustee John Altman, and Trustee Mark Ridenour in attendance, Trustee David Budig arrived after the meeting's start. Trustees Gunlock and Haines, and National Trustees Coletti, Hershey and Perlmutter, were also in attendance.

In addition to the Trustees, also in attendance were David Creamer, Senior Vice President for Finance and Business Services, and Treasurer; Ted Pickerill, Secretary to the Board of Trustee; Bruce Guiot, Chief Investment Officer; along with representatives from the outsourced chief investment officer (OCIO), Strategic Investment Group, who attended by telephone.

The Committee was provided an update on the progress that has been made on the implementation of the new asset allocation for the non-endowment. The non-endowment will continue to be comprised of three tiers; operating cash, core cash, and long-term capital. The operating and core cash will only be invested in U.S. fixed income assets as in the past. The greatest change in the asset allocation will occur for tier 3 where the asset allocation will include equities and real assets rather than exclusively alternative investment strategies such as hedge funds. .

Strategic Investment Group is still in the process of transitioning the portfolio to the new target allocation. It is expected that the full transition will take about a year to complete, although the majority of the portfolio will be transitioned by early in the new calendar year.

Bruce Guiot informed the Subcommittee of a Trustee resolution from 2005, the Practice Standards Resolution. The resolution was discussed in regard to the expectations for the OCIO and whether it should be continued. The decision of the Subcommittee was to continue this practice and assign this responsibility to the OCIO for the due diligence for the external investment managers.

The Subcommittee was also informed that President Crawford had joined the Centrifuse Board.

With no additional business to come before the subcommittee, following a motion, second and unanimous voice vote, with all in favor and none opposed, the Subcommittee adjourned at 4:45 p.m.



Theodore O. Pickerill II
Secretary to the Board of Trustees

Miami University

Non-Endowment Pool

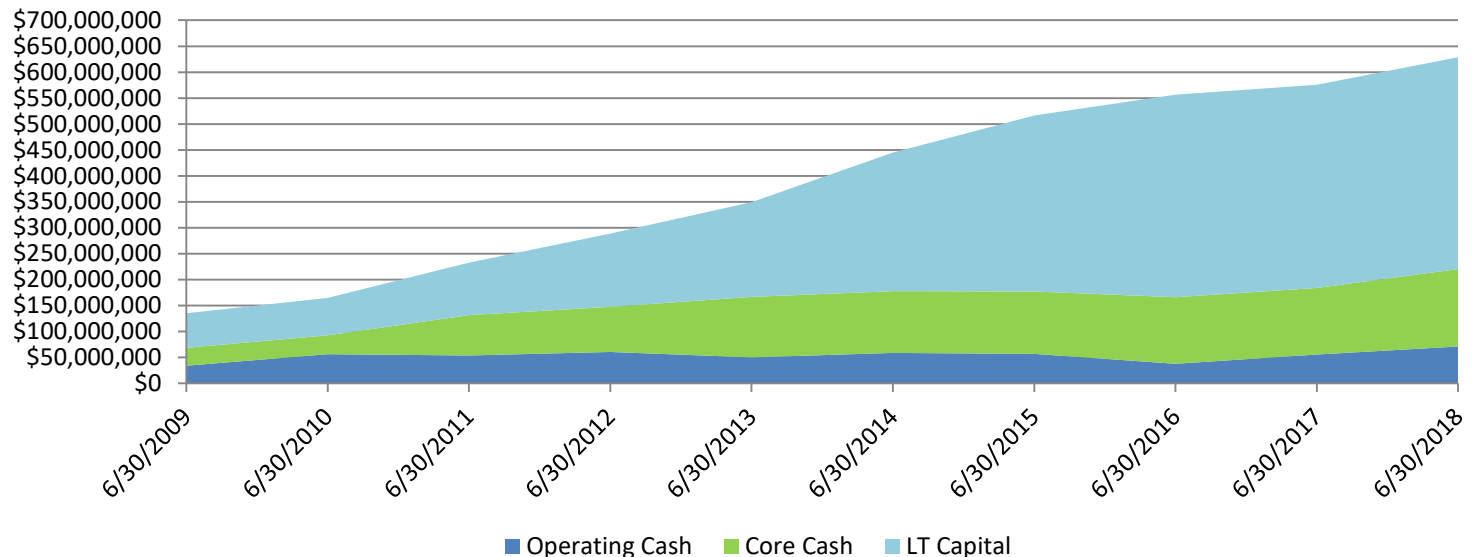
Category	Value	% of Pool
Operating Cash	71,304,373	11.3%
Core Cash	148,867,929	23.7%
Long-Term Capital		
Debt	126,443,945	20.1%
Absolute Return	281,968,125	44.9%
Long-Term Capital	408,412,070	65.0%

Total	628,584,372	100.0%



Miami University Non-Endowment Asset Allocation History

	Operating Cash	% of Total	Core Cash	% of Total	LT Capital	% of Total	Total
6/30/2009	\$34,079,486	25%	\$34,220,706	25%	\$67,056,432	50%	\$135,356,624
6/30/2010	\$56,232,060	34%	\$36,307,329	22%	\$72,216,470	44%	\$164,755,859
6/30/2011	\$53,806,834	23%	\$77,792,835	33%	\$101,106,033	43%	\$232,705,702
6/30/2012	\$60,762,031	21%	\$86,919,652	30%	\$141,271,762	49%	\$288,953,445
6/30/2013	\$50,044,874	14%	\$116,747,875	33%	\$182,693,616	52%	\$349,486,365
6/30/2014	\$58,558,213	13%	\$119,121,007	27%	\$267,200,489	60%	\$444,879,709
6/30/2015	\$56,730,536	11%	\$120,581,646	23%	\$339,179,179	66%	\$516,491,361
6/30/2016	\$37,754,069	7%	\$128,585,013	23%	\$390,285,470	70%	\$556,624,552
6/30/2017	\$55,751,657	10%	\$128,176,144	22%	\$392,050,303	68%	\$575,978,104
6/30/2018	\$71,304,373	11%	\$148,867,929	24%	\$408,412,070	65%	\$628,584,372



Miami University Non-Endowment Performance History

Rates of Return						
	Operating Cash	Core Cash	Long-Term Capital	Total Non-Endowment	Budgeted Earnings	Investment Reserves
FY2009	1.3%	2.3%	-19.7%	-7.2%	\$8,625,000	(\$26,503,194)
FY2010	0.7%	6.4%	9.6%	4.9%	\$4,428,000	(\$20,866,624)
FY2011	0.2%	3.1%	5.8%	2.8%	\$4,428,000	(\$12,892,902)
FY2012	0.1%	4.1%	1.4%	1.9%	\$4,395,000	(\$4,319,908)
FY2013	0.1%	0.3%	8.1%	3.5%	\$4,391,000	\$5,505,327
FY2014	0.1%	2.1%	8.7%	5.2%	\$4,391,000	\$20,844,546
FY2015	0.0%	1.3%	2.4%	1.6%	\$4,325,000	\$23,874,823
FY2016	0.2%	2.5%	-2.4%	-0.9%	\$4,325,000	\$14,879,475
FY2017	0.4%	-0.2%	6.9%	4.5%	\$5,325,000	\$42,180,461
FY2018	1.1%	0.6%	4.1%	3.0%	\$5,425,000	\$60,168,851



Cintrifuse Syndicate Fund II Update

- \$34.25 MM committed by investors
 - target \$50 MM by June 2019
 - Miami closed in June, 2018
- \$17 MM committed to 8 funds
 - as of August 2018
- \$1.4 MM called capital to fund 10 underlying portfolio companies



Miami – Cintrifuse Partnership

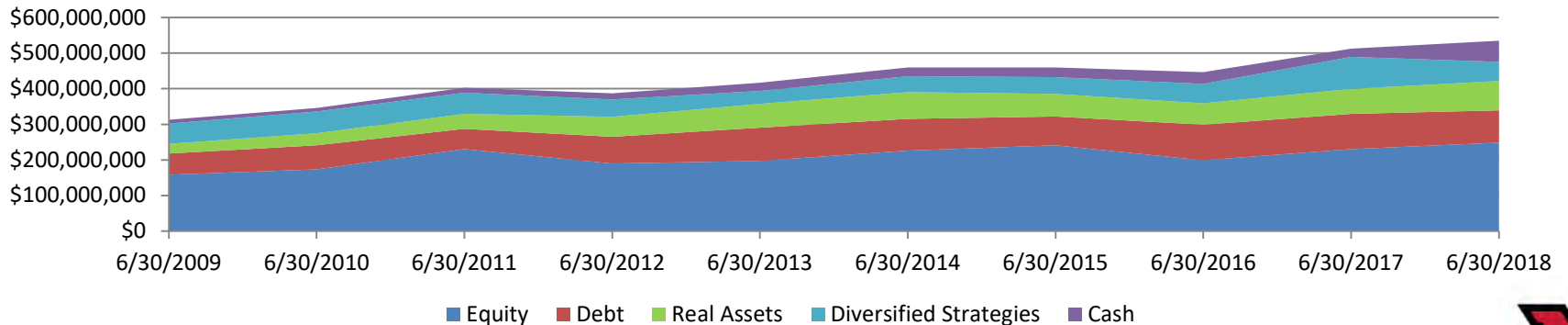
- Dr. Crawford has joined the Board & Executive Committee
- Miami working with Cintrifuse on a roadmap to engage faculty & students
 - Immersion programs, internships, campus speakers, specific projects
- Jim Oris/Lisa Dankovich working toward University-wide MOU with specific metrics



Miami University & Foundation Endowment Asset Allocation History

Miami University Foundation and Endowment Asset Allocation History											
	Equity	% of Total	Debt	% of Total	Real Assets	% of Total	Diversified Strategies	% of Total	Cash	% of Total	Total
6/30/2009	\$ 158,639,290	51%	\$ 58,836,430	19%	\$ 27,571,753	9%	\$ 57,271,632	18%	\$ 10,640,631	3%	\$ 312,959,735
6/30/2010	\$ 173,494,496	50%	\$ 67,366,441	20%	\$ 33,717,767	10%	\$ 61,355,282	18%	\$ 9,534,942	3%	\$ 345,468,929
6/30/2011	\$ 230,273,795	57%	\$ 56,752,232	14%	\$ 42,282,025	10%	\$ 59,210,958	15%	\$ 14,308,979	4%	\$ 403,069,832
6/30/2012	\$ 189,777,259	49%	\$ 75,469,471	19%	\$ 55,914,785	14%	\$ 48,518,854	13%	\$ 17,579,856	5%	\$ 387,221,504
6/30/2013	\$ 197,454,223	47%	\$ 93,289,725	22%	\$ 66,831,942	16%	\$ 35,999,251	9%	\$ 23,124,519	6%	\$ 416,657,994
6/30/2014	\$ 225,972,854	49%	\$ 89,423,642	19%	\$ 75,171,031	16%	\$ 44,642,857	10%	\$ 24,505,296	5%	\$ 459,761,656
6/30/2015	\$ 240,913,635	52%	\$ 80,902,117	18%	\$ 64,078,154	14%	\$ 46,610,652	10%	\$ 27,120,596	6%	\$ 459,671,121
6/30/2016	\$ 198,823,843	45%	\$ 100,082,114	22%	\$ 59,870,551	13%	\$ 54,509,009	12%	\$ 33,062,841	7%	\$ 446,795,153
6/30/2017	\$ 230,043,386	45%	\$ 99,164,746	19%	\$ 70,549,964	14%	\$ 90,147,741	18%	\$ 22,494,243	4%	\$ 512,400,080
6/30/2018	\$ 248,306,281	46%	\$ 90,871,516	17%	\$ 82,339,481	15%	\$ 54,371,438	10%	\$ 58,797,127	11%	\$ 534,685,845

Combined University & Foundation Endowment Allocation History

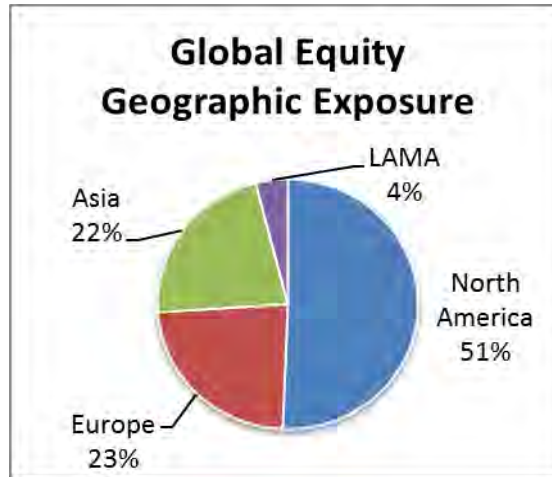
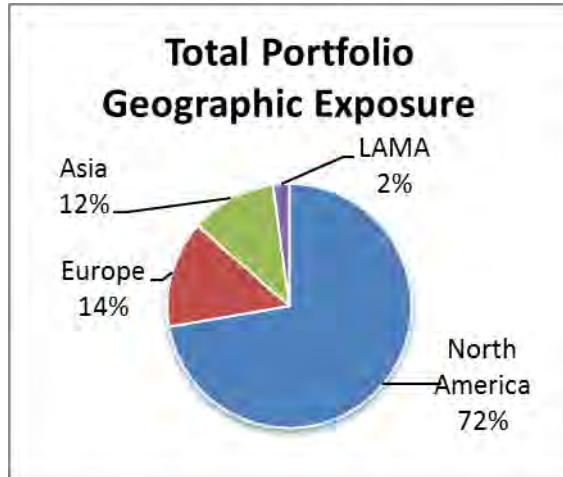


Miami University & Foundation Endowment

ASSET CATEGORY	MARKET VALUE	% OF TOTAL	STRATEGIC RANGE
Long-Only Global Equity	222,077,369	41.5%	20%-40%
Hedged Equity	11,629,025	2.2%	5%-10%
Private Equity	14,599,887	2.7%	5%-10%
Global Equity	248,306,281	46.4%	35% - 55%
Interest Rate Sensitive	55,256,273	10.3%	5%-20%
Credit Sensitive	35,615,243	6.7%	5%-20%
Global Debt	90,871,516	17.0%	10% - 30%
Natural Resources	49,316,165	9.2%	5%-20%
Real Estate	33,023,316	6.2%	5%-10%
Global Real Assets	82,339,481	15.4%	10% - 30%
Diversifying Strategies	54,371,438	10.2%	5% - 25%
Cash	58,797,127	11.0%	0%-10%
Total Portfolio	534,685,845	100%	



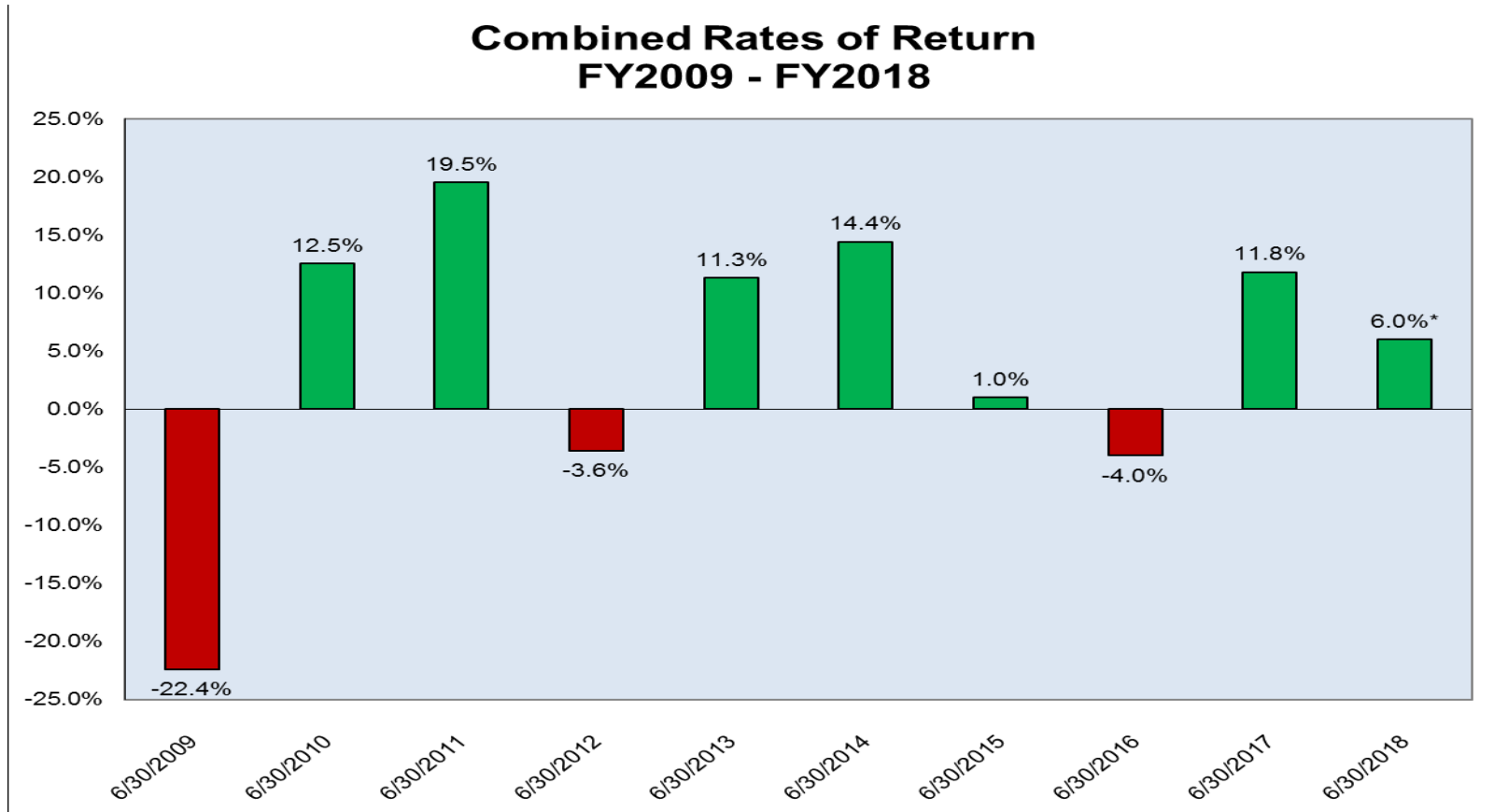
Miami University & Foundation Endowment



LIQUIDITY							
	Global Equity	Global Debt	Real Assets	Diversifying Strategies	Cash	Total by Liquidity	Policy
Liquid (< quarter)	42.6%	16.8%	0.9%	0.0%	4.1%	64.4%	40% min
Semi Liquid (> quarter)	2.2%	3.3%	3.5%	6.1%		15.0%	40% max
Illiquid (> 2 years)	2.7%	3.2%	10.2%	4.5%		20.6%	35% max
Total by Category	47.4%	23.3%	14.6%	10.5%	4.1%	100.0%	



Miami University & Foundation Endowment Performance History

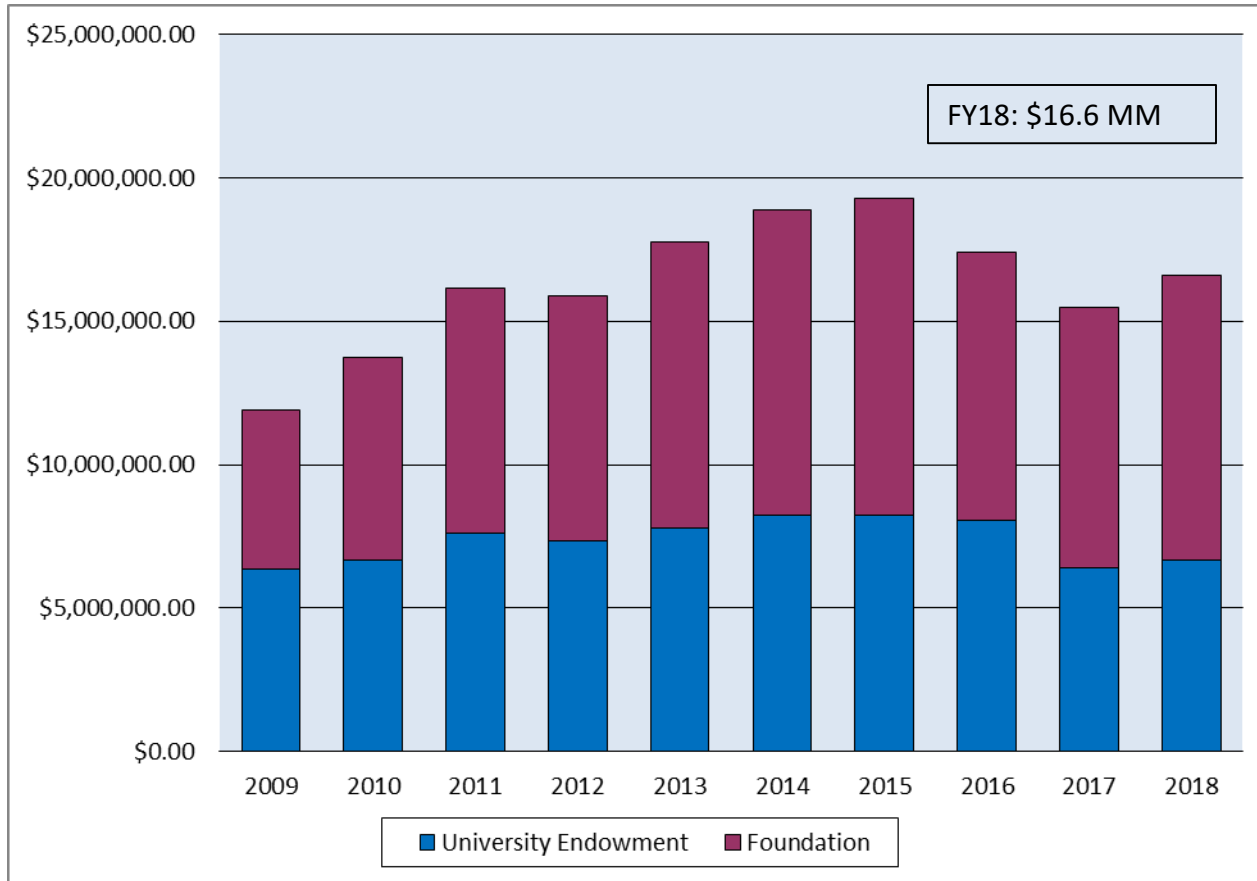


3-year: 4.3%*
5-year: 5.7%*
7-year: 4.8%*
10-year: 4.2%*

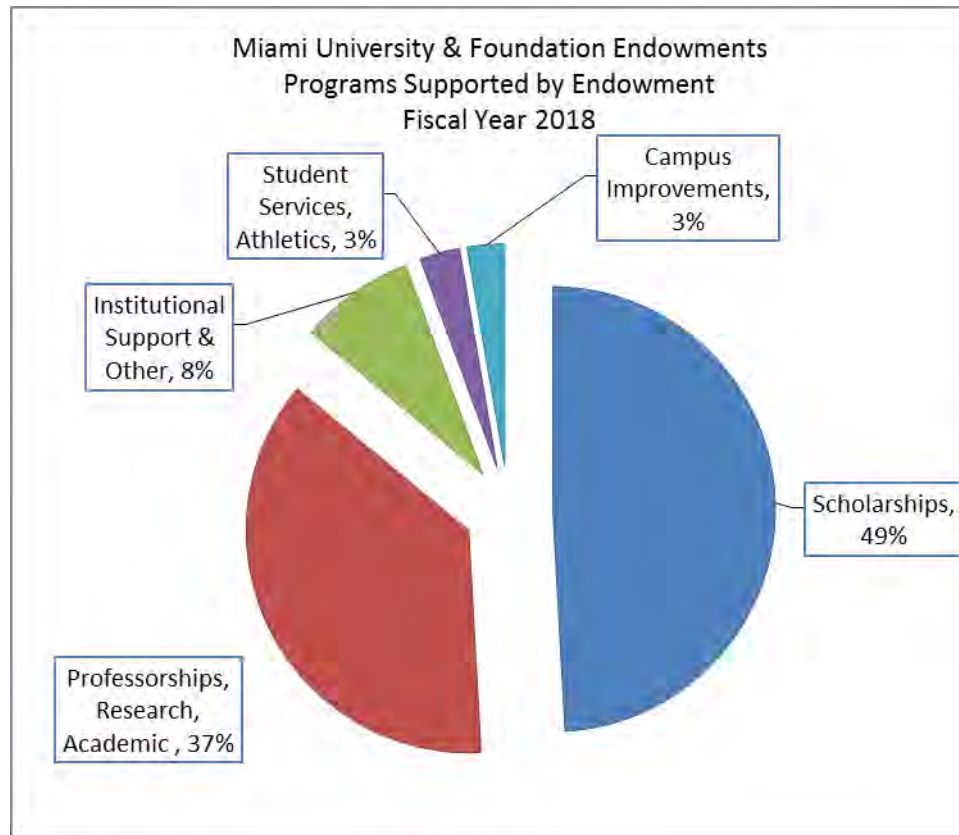
* total portfolio return ex-private capital, due to delayed results



Pooled Investment Fund Annual Spending Distributions



Pooled Investment Fund Program Support



DRAFT					
Forward Twelve Month Agenda					
<u>Agenda Item</u>	<u>September Beginning of Year Meeting</u>	<u>December Fall Meeting</u>	<u>February Winter Meeting</u>	<u>May Spring Meeting</u>	<u>June End of Year Meeting</u>
<u>Committee Structure:</u>					
• Committee Priority Agenda	x	x	x	x	x
• Committee Self-Assessment				x	x
<u>Strategic Matters and Significant Topics Affecting Miami:</u>					
• Annual Comprehensive Campaign Update	x				
• Annual Report on the State of IT				x	
• Health Benefit Strategic Indicators				x	
■ Strategic Initiatives Fund (Boldly Creative)		x			
<u>Regular Agenda Items:</u>					
• Report on Year-to-Date Operating Results		x	x	x	x
• Approval of Minutes of Previous Meeting	x	x	x	x	x
• Annual Report on Operating Results	x				
<u>Finance and Accounting Agenda Items:</u>					
• Budget Planning for New Year			x	x	
• Long-term Budget Plan	x	x			x
• Appropriation Ordinance (Budget)					x
• Tuition and Fee Ordinance					x
• Miscellaneous Fee Ordinance				x	
• Room and Board Ordinance			x		
• Review of Financial Statements	x	x			
• Annual State of Ohio Fiscal Watch Report	x			x	
• PMBA Tuition Proposal		x			
<u>Audit and Compliance Agenda:</u>					
• Planning Meeting with Independent Auditors				x	
• Management Letter and Other Required Communications		x			
• Annual Planning Meeting with Internal Auditor	x				
• Annual Report by Internal Auditor				x	
<u>Investment Agenda:</u>					
• Semi-Annual Review of Investment Performance	x			x	
<u>Facilities Agenda:</u>					
• Approval of Six-Year Capital Plan (every other year)					
• Facilities Condition Report				x	
• Annual Report of Gift-Funded Projects	x				
• Status of Capital Projects	x	x	x	x	x
<u>Routine Reports:</u>					
• University Advancement Update	x	x	x	x	x
• Cash and Investments Report	x	x		x	x
• Lean Project Summary	x	x	x	x	x
• Enrollment Report	x	x	x	x	x

RESOLUTION

WHEREAS, Miami University has been involved in collective bargaining with Fraternal Order of Police Lodge No. 38 (“Union”) for a successor agreement to the collective bargaining agreement between the parties that expired on June 30, 2018;

WHEREAS, after brief and unsuccessful negotiations and a mediation the Union requested Fact Finding on the unresolved issues under Ohio’s Collective Bargaining Law;

WHEREAS, an evidentiary hearing was held on September 5, 2018, at the conclusion of which the Fact Finder mediated a resolution of all remaining issues in dispute between the parties;

WHEREAS, the Union membership must vote to approve all proposed changes to the collective bargaining agreement, after which the new agreement must be approved by Miami’s Board of Trustees;

NOW, THEREFORE, BE IT RESOLVED: that the Board of Trustees delegates to the Senior Vice President for Finance and Business Services the authority to approve the new collective bargaining agreement between the Union and Miami University without any further action by the Board.

September 13, 2018

ENROLLMENT UPDATE

Board of Trustees Meeting

Finance and Audit Committee

September 13, 2018

Enrollment Management & Student Success



MIAMI UNIVERSITY



Key Enrollment Goals

Fall 2018

First-Year Objectives

- » Increase applications for admission to exceed 31,000
- » Enroll a cohort of 3,750 first-year students
- » Increase non-resident enrollment
 - » Increase domestic non-resident enrollment
 - » Maintain international non-resident enrollment of 300
- » Increase diversity
 - » Racial/ethnic
 - » Socioeconomic
 - » College-going status
- » Maintain quality
- » Manage divisional enrollment targets

Other Enrollment Objectives

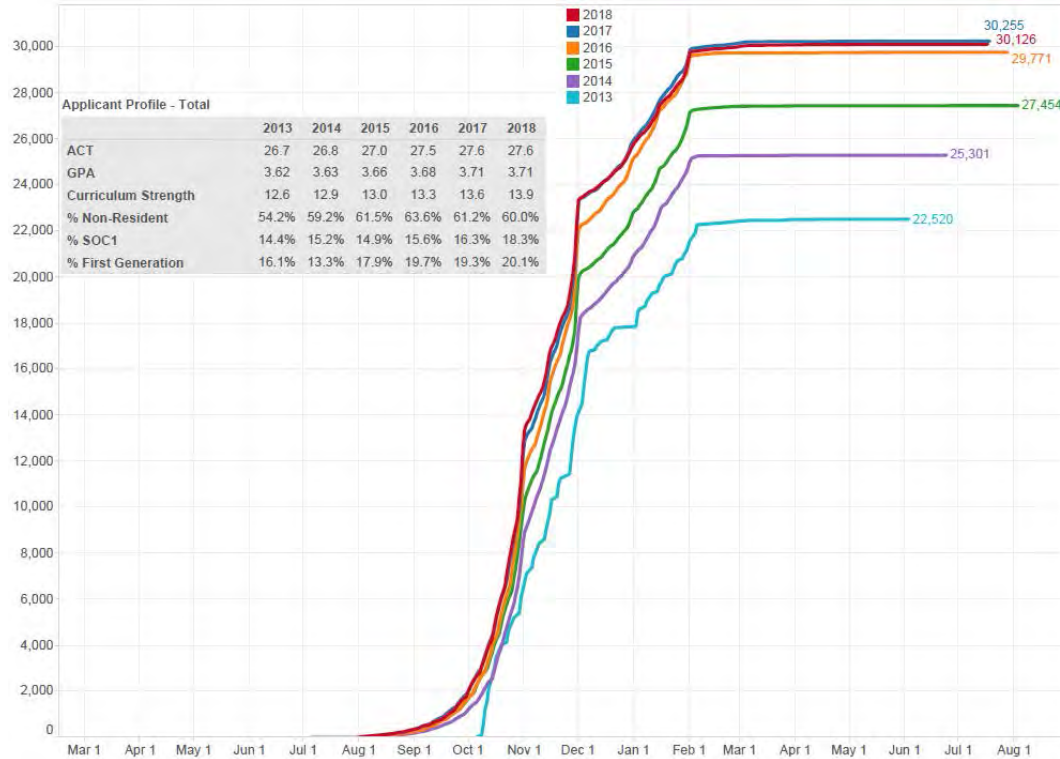
- » Maintain ACE Program enrollment of 200
- » Maintain transfer enrollment of 200
- » Meet Net Tuition Revenue targets



Application and Key Indicator History

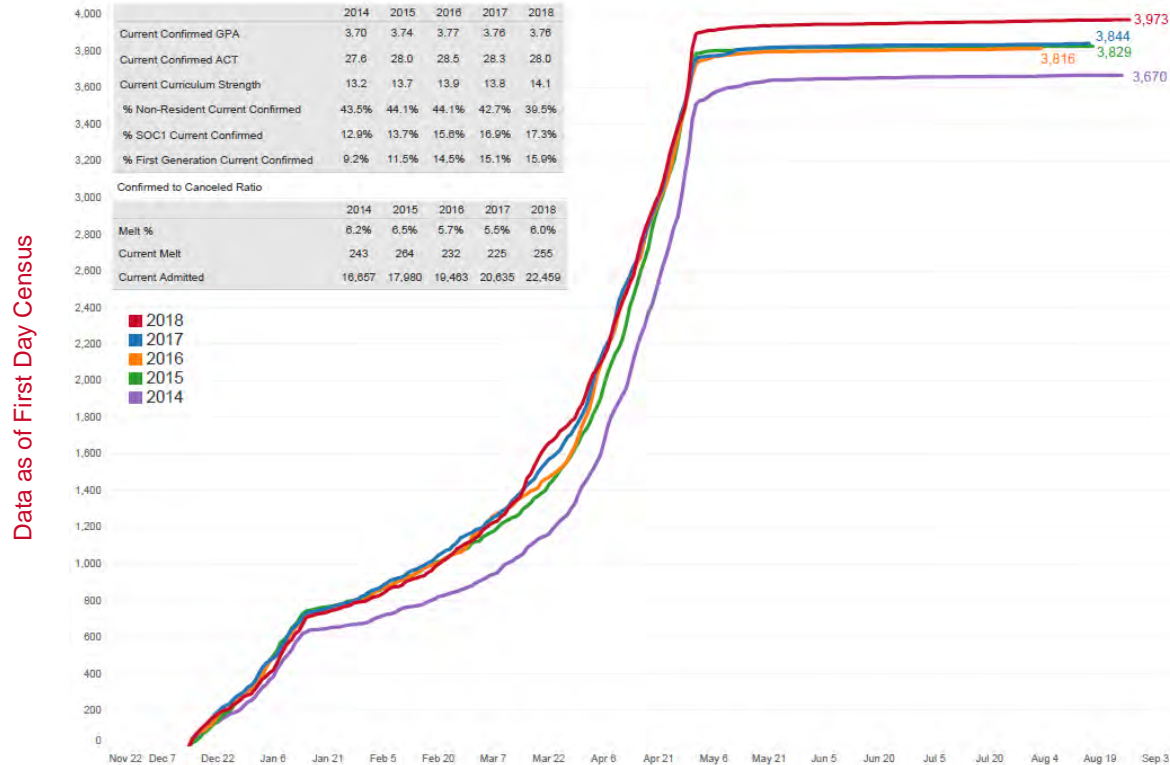
Fall 2018

Data as of 08.27.2018



Confirmation and Key Indicator History

Fall 2018



Fall 2018 Confirmations

Residency

	2015	2016	2017	2018
Non-Resident	1,690	1,682	1,643	1,571
Domestic Non-Resident	1,393	1,394	1,325	1,262
International	297	288	318	309
Ohio Resident	2,139	2,134	2,201	2,402
Grand Total	3,829	3,816	3,844	3,973



Data as of First Day Census

MiamiOH.edu

Fall 2018 Confirmations

Academic Division

	2015	2016	2017	2018
CAS	1,870	1,891	1,835	1,929
FSB	929	904	961	858
CEC	470	452	464	484
EHS	376	402	377	429
CCA	184	167	207	207
CLAAS	0	0	0	66
Total	3,829	3,816	3,844	3,973



Data as of First Day Census

MiamiOH.edu

Fall 2018 Confirmations

Diversity

	2015	2016	2017	2018
Students of Color	524	594	648	688
% Students of Color	13.7%	15.6%	16.9%	17.3%
First Generation	440	555	582	633
% First Generation	11.5%	14.5%	15.1%	15.9%



Data as of First Day Census

MiamiOH.edu

Other Enrollment Goals

Fall 2018

Oxford Pathways Program

- » Spring 2019 enrollment goal is 40 first-year Oxford students
- » 23 confirmed students or a 42.5% YTD decrease versus Fall 2017

American Culture and English (ACE) Program

- » Fall 2018 enrollment goal was 200 students
- » 195 confirmed students or a 15.2% YTD decrease versus Fall 2017

Transfers

- » Fall 2018 enrollment goal was 200 students
- » 214 confirmed students or a 3.9% YTD increase versus Fall 2017



Data as of First Day Census

MiamiOH.edu

Key Enrollment Goals

Fall 2019

First-Year Objectives

- » Increase applications for admission to exceed 31,000
- » Enroll a cohort of 3,900 first-year students
- » Increase non-resident enrollment
 - » Increase domestic non-resident enrollment
 - » Maintain international non-resident enrollment of 300
- » Increase diversity
 - » Racial/ethnic
 - » Socioeconomic
 - » College-going status
- » Increase quality
- » Manage divisional enrollment targets

Other Enrollment Objectives

- » Maintain ACE Program enrollment of 200
- » Maintain transfer enrollment of 200
- » Meet Net Tuition Revenue targets



To: Finance and Audit Committee *Barbara K. Jena*
 From: Barbara K. Jena, Chief Audit Officer
 Subject: **Internal Audit & Consulting Services** - Reporting Update
 Date: August 24, 2018

Significant procedural improvements resulted in closing the following two high-risk issues:

- Creating a standardized withdrawal form (page 5, line 1)
- Hiring independent contractors (page 6, line 2)

To review the remaining five high-risk issues (included in three Internal Audit reports), follow-up audits are in process or scheduled:

- Training regarding Miami's information security practices (page 2, line 1)
- Documenting if a student began attendance in any class (page 2, line 2)
- Accounting for pledges (pages 3-4, lines 3-5)

Please see the attached for details pertaining to each of these issues.

Audit Issue Status

Risk Level	Open audit	Added	Closed	Open audit
	issues			issues
	4/27/2018			8/24/2018
High	7	0	2	5

Attachment

Open Internal Audit Issues

Line	Audit Name And Date	Date Opened	Date Due	Risk Level	Division	Recommendation	Responsible Person	Management Response and Status and Percentage of Completion
1	117.1 - Securing Confidential Information-Procedure Review- 1/2015	1/16/2015	10/15/2018	High	IT Services	<p>It is recommended that IT Services work with Human Resources and Academic Personnel management to:</p> <ol style="list-style-type: none"> 1. require that all new employees (including students) receive appropriate training regarding Miami's information security practices; 2. require that all employees (including students) receive appropriate updates on information security annually; 3. provide appropriate employees with clear documentation detailing the approved mediums for communicating Personally Identifiable Information; and, 4. establish procedures to hold employees who have received training accountable by receiving appropriate disciplinary action for violating Miami's information security practices. 	Joe Bazeley, Assistant VP for Security, Compliance & Risk Management	<p>Management concurred and has purchased the information security awareness training (objectives one and two). In a 8/2018 update, the Assistant VP for Security, Compliance & Risk Management (ISO) stated, "To date 3,429 of 4,916 employees (70%) have completed the training. Additional licenses have been purchased to allow the remaining part-time staff who did not receive the training in FY18 to receive it in FY19, along with all student workers who may come into contact with confidential information. A policy is being drafted to incorporate into MUPIM to require all employees to take annual security awareness training."</p> <p>Objectives three and four were addressed in the MU Confidential Information Guidelines and Technical Standards document, posted on the ITS website. These two points are considered closed.</p>
97%								
2	104.2 - Audit of Academic Record Updates - 7/2015	7/28/2015	8/31/2018	High	Enrollment Management & Student Success	<p>IACS recommends that appropriate policies and procedures be established to document if a student began attendance in any class. In order to obtain and maintain such documentation consistently and timely, the Office of the University Registrar should work with the Office of Student Financial Assistance and the Office of the Provost in designing and enforcing the policies and procedures.</p>	Amanda Euen, Interim University Registrar	<p>This issue is a compliance matter relating to a federal regulation that requires the University to document if a student began attendance in any class.</p> <p>The Registrar's Office stated that this issue was partially resolved 9/10/2015 with a procedure improvement for those withdrawals that occur as a result of a student's last class being dropped via the faculty Photo Roster. In addition, IACS verified that Student Financial Assistance has interim manual measures in place to determine if a student began attendance by contacting faculty in cases where students drop all courses via web or are cancelled by Bursar for non-payment. However, interim manual measures are not in place in cases of official and medical withdrawals and the University Registrar stated that the volume of these is too great to accommodate manual measures.</p> <p>An external contractor was engaged to execute this project (Faculty Confirmation of Attendance). In an 8/22/2018 update, the Interim University Registrar stated, "The application to collect attendance was moved to production yesterday, was tested in production, and will be turned on for faculty use on the first day of Fall semester. This should satisfy the audit finding that requires a process be in place to collect began attendance information. We continue to work through the additional pieces we requested to notify non-compliant faculty, their chairs and deans." IACS plans to review after the start of the Fall semester.</p>
95%								

Open Internal Audit Issues

Line	Audit Name And Date	Date Opened	Date Due	Risk Level	Division	Recommendation	Responsible Person	Management Response and Status and Percentage of Completion
3	150.1 - Audit of Pledge Financial Accounting - 5/2017	5/26/2017	10/31/2018	High	Finance & Business Services	<p>IACS recommends Treasury Services:</p> <p>a. Implement internal control oversight of University Advancement to distinguish exchange transactions from contributions in compliance with both GAAP and CASE standards.</p> <p>b. Work with University Advancement staff to reverse the pledges related to exchange transactions and properly account for revenues generated from these contracts. More specifically, IACS recommends:</p> <ul style="list-style-type: none"> i. Reverse the pledges receivable associated with the IMG contract (pledge number 550054 and 559697) and the Mercy Health contract (pledge number 554657). ii. Recognize the Mercy Health \$833K installment payments annually as earned by MU. Record as Intercollegiate Athletics operating revenue, rather than gift revenue. 	Cyndi Ripberger, Associate Director of Investments and Treasury Services	<p>IACS performed a follow-up review 4/2018. Management implemented IACS audit recommendation point "b.i" effective 6/30/2017. In addition, management implemented point "b.ii" in FY 2017. As such, appropriate action has been taken to close point "b" of this recommendation.</p> <p>In a subsequent 4/2018 status update, the Associate Director of Investments and Treasury Services stated, "Internal control changes discussed jointly with Finance and Advancement are being used. A detailed flowchart designed for major commitments has been formulated and is in use by the Director of Stewardship. Finance and Advancement have staff on a joint committee that regularly reviews gifts/pledges that meet the newly formed Criteria for Mandatory Review and have a "sign-off" policy in place. Discussions include identifying CASE accounting vs GAAP accounting. I would consider this recommendation as completed with the ongoing knowledge that this process can be modified to continually improve as determined by the joint Finance/Advancement committee."</p> <p>Another follow-up audit to review internal controls discussed in point "a" of this recommendation is in process at 8/2018.</p>
99%								
4	150.2 - Audit of Pledge Financial Accounting - 5/2017	5/26/2017	10/31/2018	High	Finance & Business Services	<p>IACS recommends that Treasury Services work with University Advancement and Office of the Controller to:</p> <p>a. Strengthen internal controls and verify information recorded by University Advancement for large gifts. Special attention should be given to:</p> <ul style="list-style-type: none"> i. Entity - Miami University or Miami University Foundation, as specified by the donor ii. Conditional pledges - should be excluded from pledges receivable in published financial reports iii. Fund - Expendable versus endowment, as specified by the donor <p>b. Record correcting entries for errors noted in this audit report related to entity, conditional pledges, and fund. Corrections should consider both gift fund balances and outstanding pledges receivable.</p>	Cyndi Ripberger, Associate Director of Investments and Treasury Services	<p>IACS performed a follow-up review 4/2018 and verified that appropriate action was taken to exclude the conditional portion of the pledge identified in the report. In addition, IACS accepts management's explanation for not recording correcting entries related to entity and fund. As such, point "b" is considered closed.</p> <p>In a subsequent 4/2018 status update, the Associate Director of Investments and Treasury Services stated, "Internal control changes discussed jointly with Finance and Advancement are being used. A detailed flowchart designed for gift commitments has been formulated and is in use by the Director of Stewardship. Finance and Advancement have staff on a joint committee that regularly reviews gifts/pledges that meet the newly formed Criteria for Mandatory Review and have a "sign-off" policy in place. All gift/pledge documentation is presented to the committee for review prior to discussion. Discussions include identifying CASE accounting vs GAAP accounting, entity, fund structure, conditional pledges, and any corporate gift that may need to be reviewed for exchange components. I would consider this recommendation as completed with the ongoing knowledge that this process can be modified to continually improve as determined by the joint Finance/Advancement committee."</p> <p>Another follow-up audit to review internal controls discussed in point "a" of this recommendation is in process at 8/2018.</p>
99%								

Open Internal Audit Issues

Line	Audit Name And Date	Date Opened	Date Due	Risk Level	Division	Recommendation	Responsible Person	Management Response and Status and Percentage of Completion
5	150.3 - Audit of Pledge Financial Accounting - 5/2017	5/26/2017	11/30/2018	High	Finance & Business Services	<p>To increase reporting transparency, IACS recommends that Treasury Services work with University Advancement to prepare annual reconciliations between published financial reports and fundraising totals reported by University Advancement. Reconciliations should be prepared for both MU and MUF and address the following components:</p> <p>a. Revenue - gift revenue in the published financial reports to University Advancement's fundraising attainment (i.e., new pledges plus new outright gifts) in the fiscal year.</p> <p>b. Pledges receivable - pledges receivable in the published financial reports to University Advancement's pledges outstanding balance at fiscal year-end.</p>	<p>Cyndi Ripberger, Associate Director of Investments and Treasury Services</p>	<p>Management concurred and in a 4/2018 status update, the Associate Director of Investments & Treasury Services stated, "I would consider this about 90% complete. Advancement and Finance have complete listings supporting figures both in the financial report and as well as Advancement reported figures. Finance has reviewed the entire Advancement detail and has found nothing that appears unreconcilable. We are jointly in the process of classifying variances into quantifiable categories--the most difficult being the variance between finance computing a net pledge receivable which is subject to a present value calculation over the life of a pledge as well as applying a discount for uncollectibility vs Advancement recording at gross when the pledge is initially received. Other variances such as Advancement reporting bequests as they are identified vs Finance only recording upon actual receipt is a much easier quantifiable total. The updated completion date is 6/30/18."</p> <p>In an 8/2018 update, the Associate Director of Investments & Treasury Services stated that she and the Senior Director Compliance and Gift Processing have not completed the reconciliation. Staffing issues and other work priorities were cited as causes.</p> <p>As such, this issue remains open pending completion of the reconciliation for fiscal year ended 6/30/2017 and an annual reconciliation process going forward.</p>

90%

Closed Internal Audit Issues

Line	Audit Name And Date	Date Opened	Date Closed	Risk Level	Division	Recommendation	Responsible Person	Management Response and Status
1	104.3 - Audit of Academic Record Updates - 7/2015	7/28/2015	8/8/2018	High	Enrollment Management & Student Success	<p>IACS recommends the Office of the University Registrar:</p> <p>a. Standardize and improve withdrawal policies and procedures as follows:</p> <ul style="list-style-type: none"> i. Create a standardized withdrawal form for all campuses and withdrawal scenarios. The form should include information such as reason for withdrawal, last date of attendance or never attended information*, registrar's date of receipt, processor and date posted. This form should be completed by registrar staff if not provided otherwise and supporting documentation attached. ii. Retain all withdrawal documents in a central location either electronically or in paper form. iii. Process withdrawal requests in the timeframe required by departmental procedures. <p>b. Define Withdrawal and Enrollment Status codes and their use to improve input accuracy and consistency.</p> <p>c. Retrain employees who process withdrawals, including the Office of Student Financial Assistance and Global Initiatives, to gain proficiency in the established policies and procedures, and to minimize inaccurate input, incomplete documentation and non-execution of required procedures.</p> <p>*Note: In a 9/18/2017 EMSS meeting, the University Registrar stated that his current plans are to base the student's withdrawal date on the date that "the student began the withdrawal process" rather than last date of attendance; as such, "last date of attendance or never attended information" is not required on the form. IACS concurred, stating that using the date that "the student began the withdrawal process" would comply with Title IV regulation section 668.22 for determining a student's withdrawal date.</p>	Kim Ernsting, Director for Student Success	<p>IACS completed another follow-up review 8/2018. In prior reviews all points were closed except for points "a.i" and "a.ii". Both these points are now also closed as summarized below:</p> <p>A standardized withdrawal form for all campuses and withdrawal scenarios was deployed 6/5/2018. A link to the form is located on a One Stop webpage with related information. The electronic form captures key identifying student information and includes reason for withdrawal. The date submitted documents when the student began the withdrawal process. If the student is unable to submit the form, it can be submitted by an authorized administrator. After the withdrawal is updated in Banner, the processor and date is documented. Comment closed 8/8/2018.</p>

Closed Internal Audit Issues

Line	Audit Name And Date	Date Opened	Date Closed	Risk Level	Division	Recommendation	Responsible Person	Management Response and Status
2	145.1 - Audit of Marching Band Funds - 10/2017	5/16/2133	3/15/2137	High	Finance & Business Services	<p>(This is a University-wide issue extending beyond the Marching Band.)</p> <p>IACS recommends Human Resources management strengthen internal control over hiring independent contractors:</p> <p>a. Enforce the policy whereas Human Resources (or Academic Personnel Services when applicable) must make the determination whether individuals intending to provide services to the University meet the guidelines of an independent contractor.</p> <p>b. Enforce the policy whereas an independent contractor may not begin rendering services until after Human Resources (or Academic Personnel Services when applicable) has provided written authorization to do so.</p> <p>c. Establish a reasonable basis for classifying an individual as an independent contractor by documenting evidence of the degree of control and independence information that was considered. IRS Form SS-8 <https://www.irs.gov/pub/irs-pdf/fss8.pdf> could be used as a guideline for reinstating a checklist for determining worker status.</p>	Theresa Murphy, Director of Employment	<p>IACS completed a follow-up review 8/2018. Management implemented procedural changes May 1, 2018 and this issue was closed 8/6/2018 as further discussed below:</p> <p>a. Changes now enable Human Resources or Academic Personnel to make the determination for administrative and academic departments as to whether individuals intending to provide services to the University meet the guidelines of an independent contractor. The procedural changes were communicated widely to both administrative and academic leadership, and a new centralized web page was developed under Academic Personnel to facilitate the process. The Office of General Counsel is working to implement a process for certain types of student organizations, whereas the Student Activities and Cliff Alexander Office for Fraternity and Sorority Life will be responsible for making the determination.</p> <p>b. Departments are now required to initiate the process for requesting the services of an independent contractor at least four weeks in advance of the desired service date. The procedural changes were communicated widely to both administrative and academic leadership, and a new centralized web page was developed under Academic Personnel to facilitate the process.</p> <p>c. Two online forms were implemented to capture sufficient information to establish a reasonable basis for classifying an individual as an independent contractor. The forms document evidence of the degree of control and independence information that was considered in making the classification.</p>

REPORT ON CASH AND INVESTMENTS
Finance and Audit Committee
Miami University
September 12, 2018

Non-Endowment Fund

For the fourth fiscal quarter ending June 30, 2018, the non-endowment's return was +0.5%. The absolute return strategies were positive during the quarter. However, longer term bonds and international bonds were negative, due to rising interest rates and currency volatility, respectively. Performance for the fiscal year was +3.0%, with the absolute return strategies leading the way, up collectively +5.9%. A summary of performance is attached.

At June 30, the Operating Cash balance was over \$71 million. No rebalancing activity occurred during the quarter as a new investment policy statement was being drafted and subsequently approved by the Board of Trustees. This additional liquidity will be redeployed as the new allocation is implemented in the new fiscal year.

Current Funds	Fair Value	% of Portfolio
Operating Cash:		
Short-term Investments*	\$ 71,304,373	11.3%
Core Cash:		
Intermediate-term Investments	\$148,867,929	23.7%
Long-Term Capital:		
Debt Investments**	\$126,443,945	20.1%
Absolute Return***	<u>\$281,968,125</u>	<u>44.9%</u>
Total Long-Term Capital	\$408,412,070	65.0%
Total Current Fund Investments	\$628,584,373	100.0%

* includes bank account balances not included on performance report

** includes internal loans

*** includes Cintrifuse Syndicate Fund II

Endowment Fund

Preliminary investment returns were +0.9% for the June quarter, excluding the private programs which report on a significant time lag. Investment performance for the recent quarter was challenged by moderate returns in global public equity, a severe pullback in emerging markets equities, and pressure in fixed income due to a continued rise in interest rates. Helping performance was solid returns in public natural resources with a pick-up in global energy prices. Estimated return for the full fiscal year, excluding private capital, is +6.0%.

The Miami University Foundation Investment Committee will meet next on September 12 via teleconference to review fiscal year end performance and activity related to the implementation of its new investment allocation.

Bond Project Funds

Construction activity continued steadily through the late spring and early summer. Approximately \$22.3 million in draws were made during the June quarter. As of June 30, 2018, the balances were as follows:

Plant Funds

Series 2014 Bond Project Fund	\$ 991,602
Series 2017 Bond Project Fund	<u>\$64,211,314</u>
Total Plant Funds	\$65,202,916

Attachments

Non-endowment Performance Summary as of 6/30/2018

MUF Treasurer's Report as of 6/30/2018

Miami University Non-Endowment

Summary of Investment Performance

Report for Periods Ending June 30, 2018

	Annualized							Since Inception	Date	Market Value
	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr			
Total Composite	0.5%	1.2%	3.0%	2.2%	2.7%	2.7%	1.8%	3.3%	6/02	\$583,666,873
Operating Cash	0.4	0.7	1.1	0.6	0.4	0.3	0.4	1.5	6/02	26,433,638
U.S. 91-Day Treasury Bills	0.5	0.8	1.4	0.7	0.4	0.3	0.3	1.2		
BlackRock	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1	10/08	1
U.S. 91-Day Treasury Bills	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3		
Chase Savings	0.1	0.1	0.3	0.2	0.3	0.2	-	0.3	10/08	211,372
U.S. 91-Day Treasury Bills	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3		
Huntington ICS	0.4	0.7	1.2	-	-	-	-	1.0	9/16	20,331,249
U.S. 91-Day Treasury Bills	0.5	0.8	1.4	-	-	-	-	1.1		
Star Ohio	0.5	0.9	1.4	0.9	0.6	0.4	0.4	1.7	6/02	4,710,998
U.S. 91-Day Treasury Bills	0.5	0.8	1.4	0.7	0.4	0.3	0.3	1.2		
STAROhio Plus	0.5	0.9	1.3	0.6	0.4	-	-	0.4	7/12	1,180,018
U.S. 91-Day Treasury Bills	0.5	0.8	1.4	0.7	0.4	-	-	0.4		
Core Cash	0.8	0.4	0.6	1.0	1.3	1.5	2.2	2.7	6/02	148,867,930
Bloomberg Barclays 1-3yr U.S. Govt Index	0.2	0.1	0.0	0.4	0.6	0.6	1.3	2.2		
Bartlett A	0.2	-0.1	-0.1	0.3	0.4	0.5	1.3	2.1	6/02	23,266,525
Bloomberg Barclays 1-3yr U.S. Govt Index	0.2	0.1	0.0	0.4	0.6	0.6	1.3	2.2		
Bartlett B	0.1	-0.8	-0.6	0.9	1.4	1.7	3.0	3.4	6/02	31,014,947
Bloomberg Barclays 1-3yr U.S. Govt Index	0.2	0.1	0.0	0.4	0.6	0.6	1.3	2.2		
Commonfund Intermediate Bond Fund	0.2	0.1	0.3	0.8	0.9	1.4	1.6	2.2	6/02	6,133,899
Bloomberg Barclays 1-5 YR Treasury Index	0.1	-0.3	-0.4	0.5	0.8	0.9	1.8	2.6		
M.D. Sass - 3 Year	1.3	0.7	1.1	1.2	1.7	1.9	-	2.1	1/11	41,206,481
Bloomberg Barclays Interm Govt Bond Index	0.1	-0.7	-0.7	0.6	1.0	1.4	-	1.5		
M.D. Sass - 2 Year	1.3	1.2	1.5	1.1	1.4	-	-	1.2	9/12	47,246,078
Bloomberg Barclays Interm Govt Bond Index	0.1	-0.7	-0.7	0.6	1.0	-	-	0.7		
Long Term Capital	0.4	1.5	4.1	2.8	3.9	4.1	2.0	4.5	6/02	408,365,305
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	8.0	5.8	7.5		
Bloomberg Barclays US Aggregate Index	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	4.2		

Miami University Non-Endowment

Summary of Investment Performance

Report for Periods Ending June 30, 2018

	Annualized							Since Inception	Date	Market Value
	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr			
Public Debt	-0.7%	-0.5%	0.3%	2.2%	2.7%	3.4%	4.8%	4.8%	6/02	\$126,443,945
Bloomberg Barclays US Aggregate Index	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	4.2		
Bartlett C	0.0	-1.5	-0.8	1.2	1.9	2.2	3.7	4.1	6/02	22,924,853
Bloomberg Barclays US Aggregate Index	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	4.2		
Beach Point Loan Fund	0.6	1.3	2.8	3.2	3.7	-	-	3.7	1/13	30,327,007
CS Leveraged Loan Index	0.8	2.4	4.7	4.3	4.2	-	-	4.2		
Commonfund High Quality Bond Fund	0.0	-1.2	0.3	2.4	3.0	3.4	4.9	5.0	6/02	29,031,426
Bloomberg Barclays US Aggregate Index	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	4.2		
Templeton Global Total Return Fund	-3.2	-1.5	-2.0	1.7	2.0	3.0	-	2.9	5/11	34,230,629
Bloomberg Barclays Multiverse TR	-2.8	-1.6	1.3	2.8	1.7	1.3	-	1.3		
Internal Loans	0.9	1.8	3.5	-	-	-	-	3.1	3/16	9,930,030

Miami University Non-Endowment

Summary of Investment Performance

Report for Periods Ending June 30, 2018

	Annualized							Since	Date	Market Value
	Qtr	YTD	1Yr	3Yr	5Yr	7Yr	10Yr	Inception		
Absolute Return	0.9%	2.5%	5.9%	3.1%	4.7%	4.6%	0.6%	3.8%	6/02	\$281,921,360
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	8.0	5.8	7.5		
Bloomberg Barclays US Aggregate Index	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	4.2		
ABS Investment Management	0.4	1.1	6.4	2.9	5.9	5.2	-	5.7	5/09	29,363,339
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	8.0	-	10.5		
HFRI Fund of Funds Index	0.4	0.7	5.1	1.9	3.5	2.8	-	3.4		
Beach Point Total Return Fund	1.4	1.7	4.6	4.6	4.5	-	-	4.7	3/13	26,755,894
ICE BofAML High Yield Bond Index	1.0	0.1	2.5	5.5	5.5	-	-	5.0		
HFRI Event Driven Index	1.9	2.0	5.5	4.5	4.7	-	-	4.9		
Evanston Weatherlow Fund	2.4	4.3	9.0	2.6	4.9	4.8	-	5.9	5/09	28,421,592
HFRI Fund of Funds Index	0.4	0.7	5.1	1.9	3.5	2.8	-	3.4		
S&P 500 Index	3.4	2.7	14.4	11.9	13.4	13.2	-	15.1		
GEM Realty Securities LP	-0.4	2.5	8.5	2.1	-	-	-	1.4	4/15	26,164,812
MSCI U.S. REIT Index	9.7	0.5	2.2	6.6	-	-	-	4.6		
HFRI Equity Hedge Index	0.9	1.2	8.3	4.9	-	-	-	4.6		
Lighthouse Diversified Fund	0.8	1.6	4.7	2.7	5.4	4.6	-	5.1	5/10	28,727,374
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	8.0	-	10.0		
HFRI Fund of Funds Index	0.4	0.7	5.1	1.9	3.5	2.8	-	3.1		
Rimrock High Income PLUS Fund	-0.1	1.3	2.3	1.8	-	-	-	1.8	9/14	26,730,869
Bloomberg Barclays US Corporate HY Index	1.0	0.2	2.6	5.5	-	-	-	4.8		
Bloomberg Barclays US Aggregate Index	-0.2	-1.6	-0.4	1.7	-	-	-	1.8		
Sandler Offshore	1.5	3.4	7.1	4.6	4.6	-	-	4.0	3/13	29,256,207
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	-	-	8.9		
HFRI Equity Hedge Index	0.9	1.2	8.3	4.9	5.9	-	-	5.6		
SCS Opportunities	-0.7	-0.5	2.8	2.7	4.2	3.7	-	4.2	5/09	27,520,719
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	8.0	-	10.5		
HFRI Fund of Funds Index	0.4	0.7	5.1	1.9	3.5	2.8	-	3.4		
SkyBridge Series G	2.2	4.7	5.2	-0.2	3.1	-	-	5.3	4/12	27,047,231
MSCI AC World Index	0.6	-0.4	10.7	8.2	9.4	-	-	9.5		
HFRI Fund of Funds Index	0.4	0.7	5.1	1.9	3.5	-	-	3.6		
Waterfall Eden Master Fund, Ltd.	1.5	4.6	8.3	-	-	-	-	10.6	1/16	31,933,323
HFRI RV: Asset Backed Index	1.0	3.3	6.4	-	-	-	-	7.2		
Bloomberg Barclays Asset Backed Index	0.4	0.0	0.4	-	-	-	-	1.1		

Miami University Non-Endowment
Summary of Investment Performance
Report for Periods Ending June 30, 2018

Footnotes:

* Performance returns are net of investment management fees.

* Calculated returns may differ from the manager's due to differences in security pricing and/or cash flows.

* Manager and index data represent the most current available at the time of report publication.

* Hedge fund and private capital manager market values and rates of return may be based on estimates and may be revised until completion of an annual audit by the manager.

* For managers and indices that report returns on a lag, 0.0% is utilized for the most recent time period until the actual return data are reported.

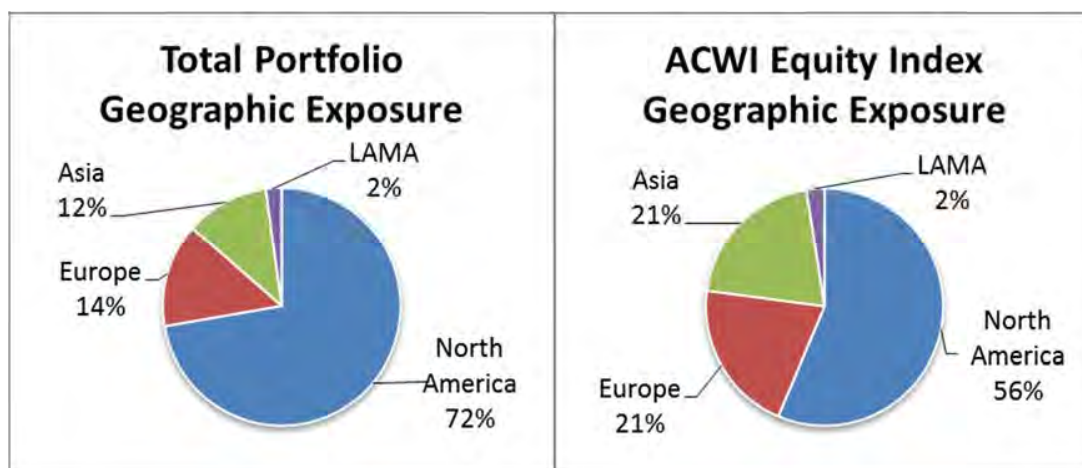
* The fiscal year ends in June.

MIAMI UNIVERSITY FOUNDATION TREASURER'S REPORT June 30, 2018

The preliminary June 30, 2018 market value for the Miami University Foundation totaled \$534,685,845. Most of the private programs have not yet reported June 30 values. The following table summarizes the Foundation's strategic allocation compared with the strategic ranges.

ASSET CATEGORY	MARKET VALUE	% OF TOTAL	STRATEGIC RANGE
Long-Only Global Equity	222,077,369	41.5%	20%-40%
Hedged Equity	11,629,025	2.2%	5%-10%
Private Equity	14,599,887	2.7%	5%-10%
Global Equity	248,306,281	46.4%	35% - 55%
Interest Rate Sensitive	55,256,273	10.3%	5%-20%
Credit Sensitive	35,615,243	6.7%	5%-20%
Global Debt	90,871,516	17.0%	10% - 30%
Natural Resources	49,316,165	9.2%	5%-20%
Real Estate	33,023,316	6.2%	5%-10%
Global Real Assets	82,339,481	15.4%	10% - 30%
Diversifying Strategies	54,371,438	10.2%	5% - 25%
Cash	58,797,127	11.0%	0%-10%
Total Portfolio	534,685,845	100%	

LIQUIDITY							
	Global Equity	Global Debt	Real Assets	Diversifying Strategies	Cash	Total by Liquidity	Policy
Liquid (< quarter)	41.5%	10.3%	1.0%	0.0%	11.0%	63.9%	40% min
Semi Liquid (> quarter)	2.1%	3.1%	3.7%	5.6%		14.5%	40% max
Illiquid (> 2 years)	2.8%	3.6%	10.7%	4.5%		21.6%	35% max
Total by Category	46.4%	17.0%	15.4%	10.2%	11.0%	100.0%	



During the fourth quarter of fiscal year 2018, the value of the combined endowment investment pool increased from \$532.9 million to \$534.7 million. Preliminary investment returns were negative for the quarter. New cash gifts to the Miami University and the Miami University Foundation endowments totaled \$2,904,770 for the quarter bringing the fiscal year total to \$16,121,982.

During the quarter, additional redemption proceeds were received from transition related transactions. These proceeds were reinvested into index funds or held in cash pending a new investment policy which was approved by both the Committee and the full board at the end of June. The result of these transactions has caused temporary weighting changes relative to the capital allocation targets while enhancing liquidity.

The Investment Committee met in April in Chicago, IL and in May in Oxford, OH. These meetings focused on the transition to Strategic Investment Group's oversight of the pooled investments, discussion of the parameters for the new Investment Policy Statement, and planning for how the portfolio will be transitioned to achieve the new policy parameters. The committee will next meet on September 12 via teleconference to review fiscal year end performance and activity.

Preliminary investment returns were 0.9% for the June quarter, excluding the private programs which report on a significant time lag. Investment performance for the recent quarter was challenged by moderate returns in global public equity, a severe pullback in emerging markets equities, and pressure in fixed income due to a continued rise in interest rates. Helping performance was solid returns in public natural resources with a pick-up in global energy prices. Estimated return for the fiscal year, excluding private capital, is +6.0%.

The tables on the following pages report each underlying manager's returns for multiple time periods, including the preliminary third fiscal quarter.

Respectfully submitted,

Ellen Schubert
Treasurer

Miami University Foundation

Summary of Allocation and Performance

Report For Periods Ending June 30, 2018

Current Allocation	Market Value		Qtr.	Cal. YTD	----- Annualized -----					Since Inception	Inception Date
					1 Yr	3 Yr	5 Yr	7 Yr	10 Yr		
100%	\$ 534,685,847	Total Composite	0.7	0.3	6.1	4.2	5.5	5.0	3.9	8.7	4/93
		<i>MUF Custom Index¹</i>	0.7	0.5	7.2	5.5	6.3	5.9	4.5	-	
		<i>Global 60/40²</i>	0.3	-0.8	6.3	5.7	6.6	6.0	5.3	6.7	
		<i>CPI + 5%</i>	1.7	3.5	7.7	6.9	6.5	6.6	6.5	7.2	
83.0%	\$ 443,710,264	Total Composite ex. Private Capital	0.9	-0.3	6.0	4.3	5.7	4.8	4.2	6.1	12/96
		<i>Global 60/40</i>	0.3	-0.8	6.3	5.7	6.6	6.0	5.3	6.1	
46.4%	\$ 248,092,568	Global Equity	0.1	-0.3	9.9	7.2	8.7	6.8	5.4	9.4	4/93
		<i>Global Equity Benchmark³</i>	0.5	0.5	11.0	8.5	10.0	8.5	6.6	9.4	
43.7%	\$ 233,492,680	Global Equity ex. Private Equity	0.1	-0.2	10.3	7.3	8.6	6.3	4.9	6.2	12/96
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	9.4	8.0	5.8	6.3	
41.5%	\$ 222,077,369	Public Equity	-0.1	-0.3	11.2	8.7	9.4	6.6	5.2	6.4	12/96
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	9.4	8.0	5.8	6.3	
		<i>S&P 500 Index</i>	3.4	2.7	14.4	11.9	13.4	13.2	10.2	8.2	
6.3%	\$ 33,849,545	Barings	1.1	1.7	13.0	9.0	10.5	-	-	10.6	12/12
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	9.4	-	-	9.7	
4.4%	\$ 23,755,574	Harris Oakmark Global Fund	-0.3	-2.8	10.1	7.0	-	-	-	6.2	10/13
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	-	-	-	7.4	
1.9%	\$ 10,345,329	Highclere International SMID Fund	-0.6	-1.9	7.2	-	-	-	-	7.2	6/17
		<i>MSCI Small Cap EAFE Index</i>	-1.3	-1.3	12.4	-	-	-	-	12.4	
8.4%	\$ 45,056,430	Northern Trust ACWI IMI Fund	0.8	-0.2	11.0	-	-	-	-	15.9	10/16
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	-	-	-	-	15.5	
7.3%	\$ 39,254,559	PIMCO RAE Fundamental Global Inst'l	-1.9	-2.7	9.1	7.7	-	-	-	7.1	3/15
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	-	-	-	7.6	
3.2%	\$ 17,050,831	Virtus Emerging Opportunities	-7.4	-7.2	1.6	4.9	3.8	-	-	3.8	8/11
		<i>MSCI Emerging Markets Index</i>	-7.8	-6.7	8.2	5.6	5.0	-	-	2.9	
4.4%	\$ 23,329,210	Virtus Global Opportunities	2.3	1.4	10.8	11.7	11.4	-	-	12.0	10/11
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	9.4	-	-	9.8	
5.5%	\$ 29,435,891	William Blair Global Leaders Fund	3.1	6.5	22.1	11.3	-	-	-	10.3	10/13
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	8.2	-	-	-	7.4	

Miami University Foundation
Summary of Allocation and Performance
Report For Periods Ending June 30, 2018

Current Allocation	Market Value		Qtr.	Cal. YTD	----- Annualized -----					Since Inception	Inception Date
					1 Yr	3 Yr	5 Yr	7 Yr	10 Yr		
2.1%	\$ 11,415,311	Hedged Equity	3.9	2.4	5.5	-0.7	3.7	4.1	2.1	2.9	12/01
		<i>MSCI AC World Index</i>	<i>0.6</i>	<i>-0.4</i>	<i>10.7</i>	<i>8.2</i>	<i>9.4</i>	<i>8.0</i>	<i>5.8</i>	<i>6.7</i>	
		<i>HFRI Equity Hedge Index</i>	<i>0.9</i>	<i>1.2</i>	<i>8.3</i>	<i>4.9</i>	<i>5.9</i>	<i>4.5</i>	<i>3.7</i>	<i>5.3</i>	
2.1%	\$ 11,415,311	Marble Arch Offshore Fund	3.9	3.3	6.8	-0.7	-	-	-	4.9	10/14
		<i>HFRI Equity Hedge Index</i>	<i>0.9</i>	<i>1.2</i>	<i>8.3</i>	<i>4.9</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>5.1</i>	
		<i>MSCI AC World Index</i>	<i>0.6</i>	<i>-0.4</i>	<i>10.7</i>	<i>8.2</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>7.3</i>	
2.7%	\$ 14,599,888	Private Equity	-1.1	-1.4	3.9	5.7	9.0	9.3	7.9	13.1	4/93
		<i>Thomson One All Private Equity Index</i>	<i>0.0</i>	<i>0.0</i>	<i>8.6</i>	<i>8.7</i>	<i>11.3</i>	<i>10.3</i>	<i>7.8</i>	<i>14.5</i>	
		<i>MSCI AC World Index</i>	<i>0.6</i>	<i>-0.4</i>	<i>10.7</i>	<i>8.2</i>	<i>9.4</i>	<i>8.0</i>	<i>5.8</i>	<i>7.3</i>	
0.0%	\$ 62,385	Commonfund International Private Equity III	0.0	8.2	25.5	5.0	3.7	3.7	3.6	3.5	6/00
0.0%	\$ 81,595	Commonfund Private Equity IV	0.0	-1.5	13.4	18.2	15.2	17.4	13.9	11.5	6/00
0.0%	\$ 195,047	Commonfund Private Equity V	0.0	6.5	5.3	8.7	13.2	11.4	9.6	-0.4	3/02
0.0%	\$ 173,176	Commonfund Venture Capital IV	0.0	23.3	27.3	6.9	4.7	4.2	5.1	4.0	3/99
0.0%	\$ 149,916	Commonfund Venture Capital V	0.0	-4.1	-1.7	-8.1	-6.2	-3.7	-2.7	-6.2	1/00
0.1%	\$ 396,559	Goldman Sachs Private Equity Offshore 2004	0.0	-5.2	-3.3	0.2	3.7	5.3	4.7	-3.0	11/05
0.7%	\$ 3,509,267	Goldman Sachs Private Equity Partners IX	0.0	1.5	11.6	9.9	12.4	11.6	4.6	2.2	8/07
1.0%	\$ 5,608,175	Hamilton Lane Co-Investment Fund II	0.0	-2.0	-0.2	6.0	11.4	14.1	10.4	3.9	2/08
0.2%	\$ 1,086,333	Hamilton Lane Secondary Fund II	-2.5	1.1	3.0	-6.7	-0.1	2.5	-	4.4	10/08
0.1%	\$ 505,810	Huron Fund V	-	-	-	-	-	-	-	-	4/18
0.1%	\$ 668,797	Pomona Capital VI	0.0	-1.2	-2.8	0.8	2.5	2.5	2.0	-3.8	9/05
0.4%	\$ 2,162,828	Summit Partners GE IX-A	0.0	-1.9	20.5	-	-	-	-	-	3/17

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Current Allocation	Market Value		Qtr.	Cal. YTD	----- Annualized -----					Since Inception	Inception Date
					1 Yr	3 Yr	5 Yr	7 Yr	10 Yr		
17.0%	\$ 90,871,516	Global Debt	-0.4	-0.8	0.9	2.0	4.2	4.7	5.4	6.5	12/96
		<i>Global Debt Benchmark⁴</i>	1.5	1.8	4.8	4.5	4.2	4.5	4.9	7.0	
13.4%	\$ 71,769,434	Global Debt ex-Private Capital	-0.5	-1.6	-0.1	1.9	4.0	4.4	5.8	5.8	12/96
		<i>Barclays U.S. Aggregate Bond Index</i>	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	5.0	
10.3%	\$ 55,256,273	Interest Rate Sensitive	-0.1	-1.6	-0.4	0.8	1.4	2.3	4.3	5.4	12/96
		<i>Barclays U.S. Aggregate Bond Index</i>	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	5.0	
0.8%	\$ 4,153,883	Johnson Investment Institutional Core Bond	-0.5	-2.0	-0.7	-	-	-	-	-0.8	5/17
		<i>Barclays U.S. Aggregate Bond Index</i>	-0.2	-1.6	-0.4	-	-	-	-	-0.5	
9.6%	\$ 51,102,390	Northern Trust U.S. Aggregate Bond	-0.1	-1.6	-0.4	-	-	-	-	1.9	11/16
		<i>Barclays U.S. Aggregate Bond Index</i>	-0.2	-1.6	-0.4	-	-	-	-	1.3	
3.1%	\$ 16,513,161	Public & Hedged Credit	-1.5	-1.1	0.5	2.9	5.8	5.9	8.2	7.5	6/06
		<i>ML High Yield Bond</i>	1.0	0.1	2.5	5.5	5.5	6.2	8.0	7.5	
2.2%	\$ 11,948,653	Beach Point Loan Fund	0.6	1.3	2.8	3.2	3.7	-	-	3.7	1/13
		<i>CS Leveraged Loan Index</i>	0.8	2.4	4.7	4.3	4.2	-	-	4.2	
0.9%	\$ 4,564,508	Golden Tree	-6.5	-8.1	-6.5	0.8	5.3	5.6	8.0	7.3	6/06
		<i>ML High Yield Bond Index</i>	1.0	0.1	2.5	5.5	5.5	6.2	8.0	7.5	
		<i>HFRI Event Driven Index</i>	1.9	2.0	5.5	4.5	4.7	4.5	4.6	4.8	
3.6%	\$ 19,102,082	Private Credit	0.0	2.4	5.6	2.0	4.8	6.0	4.4	13.5	2/01
		<i>Thomson One Distressed Index</i>	0.0	0.7	6.5	7.8	8.7	9.3	8.6	11.7	
0.1%	\$ 275,712	Commonfund Distressed Debt II	0.0	-5.3	0.9	-5.9	-4.4	-1.5	-0.7	3.2	6/03
0.2%	\$ 1,241,355	Commonfund Distressed Debt III	0.0	0.3	4.0	-1.3	1.6	3.2	2.3	0.5	5/06
0.7%	\$ 3,821,508	Falcon Strategic Partners V	0.0	8.2	17.8	-	-	-	-	13.0	6/16
0.4%	\$ 2,220,494	Goldman Sachs Distressed Opportunities	0.0	-1.3	-1.5	0.9	5.7	7.2	4.0	4.0	6/08
1.7%	\$ 8,988,713	Maranon Senior Credit Strategy V	0.0	1.6	4.9	-	-	-	-	-	6/17
0.5%	\$ 2,554,300	Yukon Capital Partners III	0.0	0.5	-	-	-	-	-	-	7/17

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Current Allocation	Market Value		----- Annualized -----							Since Inception	Inception Date
			Qtr.	Cal. YTD	1 Yr	3 Yr	5 Yr	7 Yr	10 Yr		
15.4%	\$ 82,339,482	Global Real Assets	3.6	2.9	5.4	-0.4	0.2	2.1	-1.2	5.1	9/95
		<i>Global Real Assets Benchmark⁵</i>	1.3	1.0	5.9	2.2	2.4	3.6	2.2	-	
4.7%	\$ 25,065,869	Public Real Assets	13.1	0.7	1.5	-6.9	-3.8	-	-	3.2	10/11
		<i>Blended Index⁶</i>	10.9	2.2	6.7	2.5	2.6	-	-	3.4	
		<i>CPI + 5%</i>	1.7	3.5	7.7	6.9	6.5	-	-	6.6	
3.7%	\$ 19,603,939	Eagle Global MLP	15.1	1.3	-2.0	-8.9	-2.4	-	-	4.3	10/11
		<i>Alerian MLP Index</i>	11.8	-0.6	-4.6	-5.9	-4.1	-	-	1.4	
1.0%	\$ 5,461,930	Victory Global Natural Resources	6.5	-1.3	11.0	-0.7	-5.4	-	-	-5.4	6/13
		<i>S&P North America Nat'l Resources Index</i>	12.1	5.3	19.8	3.3	1.7	-	-	1.7	
10.7%	\$ 57,273,613	Private Real Assets	-0.1	3.9	7.1	2.2	1.8	2.5	-0.9	5.2	9/95
		<i>Thomson One Private Real Estate Index</i>	0.0	2.2	8.6	7.8	10.8	10.2	2.7	9.9	
		<i>S&P GSSI Natural Resources Index</i>	12.1	5.3	19.8	3.3	1.7	-0.1	-1.1		
		<i>NCREIF Timberland Index</i>	0.5	1.4	3.6	3.4	6.0	5.8	4.0	7.3	
6.2%	\$ 33,023,317	Private Real Estate Composite	-0.2	4.5	10.1	6.5	7.1	7.0	-3.4	-9.8	5/06
2.0%	\$ 10,830,706	GEM Realty Evergreen	0.0	8.2	15.8	-	-	-	-	10.7	2/16
0.2%	\$ 1,275,263	Metropolitan Real Estate Partners IV	0.0	6.0	2.0	2.1	3.5	4.2	-1.7	-10.0	5/06
0.3%	\$ 1,682,482	Penn Square Global Real Estate	0.0	-0.5	3.5	0.1	1.7	2.3	-1.5	-3.5	1/08
0.2%	\$ 1,117,243	Penn Square Global Real Estate II	0.0	3.6	4.9	6.5	10.8	11.2	-	-59.0	2/10
1.6%	\$ 8,640,147	WCP Real Estate IV	1.4	3.9	9.3	9.4	-	-	-	9.7	3/15
1.8%	\$ 9,477,476	WCP NewCold	-2.0	3.5	10.7	-	-	-	-	8.3	11/16
4.5%	\$ 24,250,296	Private Natural Resources	0.0	3.2	4.0	-0.9	-1.4	-0.1	0.1	6.9	9/95
0.0%	\$ 30,778	Commonfund Energy III	0.0	-3.5	-23.7	-26.3	-15.8	-7.2	-6.8	8.7	9/95
0.1%	\$ 668,761	Commonfund Natural Resources V	0.0	-10.3	-9.2	-7.4	-8.5	-2.2	-1.5	-9.0	9/03
0.1%	\$ 641,722	Commonfund Natural Resources VI	0.0	-5.4	-4.4	-2.5	-0.4	1.9	2.1	4.2	9/05
0.4%	\$ 1,872,640	Commonfund Natural Resources VII	0.0	1.9	4.8	-0.8	6.5	4.6	3.2	2.8	1/07
1.2%	\$ 6,240,340	Commonfund Natural Resources VIII	0.0	-0.9	-1.3	0.5	-0.2	-1.7	-	0.2	11/08
0.3%	\$ 1,373,729	Goldman Sachs Concentrated Energy	0.0	6.1	-10.0	-14.7	-16.5	-11.8	-7.6	-7.5	4/08
0.6%	\$ 3,006,888	Rockland Power Partners III	0.0	19.9	24.3	-	-	-	-	6.1	1/17
0.9%	\$ 4,744,626	Timbervest II	0.0	1.1	4.7	-0.2	1.0	1.0	0.8	1.7	5/07
0.6%	\$ 3,212,741	Timbervest III	0.0	4.2	3.6	1.0	3.6	4.5	-	3.4	12/10
0.5%	\$ 2,458,071	VIA Energy Opportunity III-A	0.0	6.5	20.9	-	-	-	-	15.3	12/16

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Current Allocation	Market Value		Qtr.	Cal. YTD	----- Annualized -----					Since Inception	Inception Date
					1 Yr	3 Yr	5 Yr	7 Yr	10 Yr		
10.2%	\$ 54,371,439	Diversifying Strategies	2.0	2.5	6.2	4.3	5.2	5.3	4.9	6.4	3/04
		<i>HFRI FOF: Conservative Index +1%</i>	1.2	2.0	5.1	2.9	4.0	3.7	2.2	3.5	
		<i>Barclays U.S. Aggregate Bond Index</i>	-0.2	-1.6	-0.4	1.7	2.3	2.6	3.7	3.8	
2.6%	\$ 13,810,843	Beach Point Total Return	1.4	1.7	4.6	4.6	4.5	-	-	5.7	8/12
		<i>ML High Yield Bond Index</i>	1.0	0.1	2.5	5.5	5.5	-	-	5.8	
		<i>HFRI Event Driven Index</i>	1.9	2.0	5.5	4.5	4.7	-	-	5.9	
3.0%	\$ 16,251,377	Canyon	1.5	2.5	8.0	6.3	6.5	7.3	7.8	7.8	6/06
		<i>ML High Yield Bond Index</i>	1.0	0.1	2.5	5.5	5.5	6.2	8.0	7.5	
		<i>HFRI Event Driven Index</i>	1.9	2.0	5.5	4.5	4.7	4.5	4.6	4.8	
1.9%	\$ 9,981,780	Fir Tree International Value Fund	-0.7	-1.9	-0.3	-	-	-	-	4.9	4/16
		<i>HFRI Fund Weighted Composite Index</i>	0.9	0.8	5.7	-	-	-	-	6.7	
		<i>MSCI AC World Index</i>	0.6	-0.4	10.7	-	-	-	-	13.2	
2.7%	\$ 14,327,439	Strategic Value Partners	5.0	6.5	10.2	7.9	7.2	-	-	8.0	2/13
		<i>ML High Yield Bond Index</i>	1.0	0.1	2.5	5.5	5.5	-	-	5.1	
		<i>HFRI ED: Distressed Restructuring Index</i>	2.7	3.0	6.1	4.8	4.1	-	-	4.5	
11.0%	\$ 59,010,842	Cash	0.1	0.2	0.4	0.4	0.3	0.2	-	0.2	6/11
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3	
0.0%	\$ 208,558	Star Ohio MUF	0.5	0.8	1.2	0.7	0.5	0.3	-	0.3	6/11
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3	
0.4%	\$ 2,007,739	Star Ohio University	0.5	0.8	1.3	0.7	0.5	0.4	-	0.4	6/11
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3	
0.0%	\$ 533	Star Ohio Plus	0.5	0.8	1.2	-	-	-	-	0.7	12/15
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	-	-	-	-	0.8	
0.0%	\$ 1	Blackrock Cash	0.1	0.1	0.3	0.2	0.1	0.1	-	0.1	6/11
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3	
0.3%	\$ 1,541,763	Chase University	0.1	0.1	0.2	0.2	0.2	0.2	-	0.2	6/11
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3	
3.1%	\$ 16,555,742	Chase MUF	0.1	0.1	0.2	0.2	0.3	0.2	-	0.2	6/11
		<i>U.S. 91-Day Treasury Bills</i>	0.5	0.8	1.4	0.7	0.4	0.3	-	0.3	
7.2%	\$ 38,482,792	Northern Institutional Treasury Portfolio	-	-	-	-	-	-	-	0.1	5/18
		<i>U.S. 91-Day Treasury Bills</i>	-	-	-	-	-	-	-	0.3	
0.0%	\$ 213,714	Cash (JHL Holdback)									

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Summary of Investment Performance

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Footnotes:

* Performance returns are net of investment management fees.

* Calculated returns may differ from the manager's due to differences in security pricing and/or cash flows.

* Manager and index data represent the most current available at the time of report publication.

* Hedge fund and private capital manager market values and rates of return may be based on estimates and may be revised until completion of an annual audit by the manager.

* For managers and indices that report returns on a lag, 0.0% is utilized for the most recent time period until the actual return data are reported.

* The fiscal year ends in June.

¹ MUJ Custom Index is currently comprised of: 3.5% Thomson One All Private Equity Index, 5.0% Thomson One Mezzanine Index, 6.2% Thomson One Private Natural Resource Index, 5.8% Thomson One Private Real Estate Index, 25.5% MSCI AC World Index, 4.0% MSCI Emerging Markets Index, 10.0% Bloomberg Barclays US Aggregate Index, 8.0% HFRI Equity Hedge Index, 3.1% Alerian MLP Index, 3.1% Bloomberg Commodity Index, 5.0% CS Leveraged Loan Index, 15.0% HFRI FOF: Conservative Index, 4.0% MSCI All Country World Small Cap Index, and 1.8% MSCI U.S. REIT Index. Please see Appendix for benchmark history.

² Global 60/40 Index is comprised of: 60.0% MSCI AC World Index and 40.0% Bloomberg Barclays US Aggregate Index.

³ Global Equity Benchmark is comprised of: 18.0% Thomson One All Private Equity Index, 70.0% MSCI AC World Index, and 12.0% HFRI Equity Hedge Index.

⁴ Global Debt Benchmark is comprised of: 10.0% Thomson One Mezzanine Index, 27.0% Bloomberg Barclays US Aggregate Index, 57.0% HFRI ED: Distressed/Restructuring Index, and 6.0% CS Leveraged Loan Index.

⁵ Global Real Assets Benchmark is comprised of: 50.0% Thomson One Private Natural Resource Index, 27.0% Thomson One Private Real Estate Index, 11.0% Alerian MLP Index, and 12.0% Bloomberg Commodity Index.

⁶ Blended Index is comprised of: 33.3% Alerian MLP Index, 33.4% FTSE NAREIT All Equity Index, and 33.3% S&P North America Nat Resources Index.

MU-Lean Project Status Totals					Completed Projects			
Division	Active	Completed	Future	Total	Cost Avoidance	Cost Reduction	Revenue Generated	Total
Finance and Business Services	107	1254	7	1368	\$20,439,209	\$18,607,295	\$5,470,832	\$44,517,336
Procurement Realized*					\$15,083,717	\$4,695,852	\$2,237,290	\$22,016,859
President+Intercollegiate Athletics+OE	2	6	1	9	\$4,215	\$233,500	\$1,015	\$238,730
Advancement	4	22	0	26	\$146,476	\$226,290	\$223,000	\$595,766
Enrollment	3	42	0	45	\$501,633	\$33,991	\$37,705	\$573,329
Student Affairs	1	5	0	6	\$58,569	\$0	\$0	\$58,569
Information Technology Services	0	18	0	18	\$438,248	\$0	\$4,180	\$442,428
Academic Affairs	12	27	0	39	\$2,514,464	\$0	\$402,116	\$2,916,580
Lean Project Total - MU	129	1374	8	1511	\$39,186,531	\$23,796,928	\$8,376,138	\$71,359,597

*Procurement Realized through June 2018. Procurement increment reported quarterly: April through June 2018.

MU-Lean Project Changes since 06-05-18 report					Newly Completed Projects since 06-05-18 report			
Division	Newly Active	Newly Completed	Newly Future	New Total	New Cost Avoidance	New Cost Reduction	New Revenue Generated	New Total
Finance and Business Services*	-9	22	1	14	\$499,071	\$1,035,244	\$5,691	\$1,540,006
Procurement Realized*				0	\$1,561,755	\$166,360	\$68,671	\$1,796,786
President+Intercollegiate Athletics	0	0	0	0	\$0	\$0	\$0	\$0
Advancement	0	0	0	0	\$0	\$0	\$0	\$0
Enrollment	0	1	0	1	\$0	\$150	\$0	\$150
Student Affairs	-1	1	0	0	\$417	\$0	\$0	\$417
Information Technology Services	0	1	0	1	\$0	\$0	\$0	\$0
Provost (including regionals)	0	2	0	2	\$0	\$0	\$0	\$0
Lean Project Total - MU	-10	27	1	18	\$2,061,243	\$1,201,754	\$74,362	\$3,337,359