



# FLORIDA INTERNATIONAL UNIVERSITY

## BOARD OF TRUSTEES

### FINANCE AND FACILITIES COMMITTEE

Wednesday, June 6, 2018  
8:30 am  
Florida International University  
Modesto A. Maidique Campus  
Graham Center Ballrooms

#### **Committee Membership:**

Leonard Boord, *Chair*; Justo L. Pozo, *Vice Chair*; Cesar L. Alvarez; Dean C. Colson; Natasha Lowell; Marc D. Sarnoff; Kathleen L. Wilson

## AGENDA

1. Call to Order and Chair's Remarks Leonard Boord
2. Action Items
  - FF1. Proposed 2018-19 University and DSO Operating Budgets Kenneth A. Jessell
  - FF2. Proposed 2018-19 Fixed Capital Outlay Budget Kenneth A. Jessell
  - FF3. Request for Approval of Florida International University's 2019-20 Fixed Capital Outlay Legislative Budget Request, Consisting of the five-year Capital Improvement Plan Kenneth A. Jessell
3. Reports *(For Information Only)*
  - 3.1 Athletics Update Pete Garcia
  - 3.2 Business Services Report Aime Martinez
  - 3.3 Emergency Management Status Report Ruben D. Almaguer
  - 3.4 Facilities and Construction Update John Cal
  - 3.5 Foundation Report Andre L. Teixeira
  - 3.6 Safety and Environmental Compliance Report Ruben D. Almaguer
  - 3.7 Treasury Report Benjamin Jarrell
4. New Business *(If Any)* Leonard Boord
5. Concluding Remarks and Adjournment Leonard Boord

*The next Finance and Facilities Committee Meeting is scheduled for September 5, 2018*

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**

June 6, 2018

**Subject: Proposed 2018-2019 University and Direct Support Organizations Operating Budget**

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**Proposed Committee Action:**

Recommend that the Florida International University Board of Trustees (the BOT) approve the FIU 2018-2019 University and Direct Support Organizations (DSO) Operating Budgets and authorize the University President to amend the budgets consistent with Legislative, Board of Governors' and BOT directives and guidelines.

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**Background Information:**

The BOT is required to adopt an annual budget for the general operation of the University prior to submission to the Florida Board of Governors. The FY 2018-2019 Proposed Operating Budget for the University is due to the Florida Board of Governors on June 23, 2018.

The DSOs (FIU Athletics Finance Corp., FIU Foundation, Inc., and FIU Research Foundation, Inc.) and the FIU Academic Health Center Health Care Network Faculty Group Practice, Inc. budgets are incorporated into the University's Operating Budget.

The following funding groups are included:

- A. Educational and General (E&G)
- B. Auxiliary Enterprises Proposed Budget Allocation
- C. Intercollegiate Athletics Proposed Budget Allocation
- D. Activity and Service Proposed Budget Allocation
- E. Technology Fee Proposed Budget Allocation
- F. Board Approved Fees Budget Allocation
- G. Contracts and Grants Proposed Budget Allocation
- H. Student Financial Aid Proposed Budget Allocation
- I. Concessions Proposed Budget Allocation
- J. FIU Athletics Finance Corp.
- K. FIU Foundation, Inc.
- L. FIU Health Care Network
- M. FIU Self-Insurance Program
- N. FIU Research Foundation, Inc.
- O. University Support to Direct Support Organizations
- P. University Treasury Operations

Authority for the University President to amend the budgets is necessary to accommodate changes in revenues, expenditures, and statutory budget amendments. The University President shall keep the BOT informed of the status of the operating budgets through

quarterly updates and will notify the BOT of any changes in excess of two percent (2%) made to the total approved 2018-2019 Operating Budget during the operating year.

Florida Statute 1011.40(2) provides that “each university board of trustees shall adopt an operating budget for the operation of the university as prescribed by law and rules of the Board of Governors.” The University has prepared the proposed 2018-2019 Operating Budget in accordance with the requirements set forth in Florida Board of Governors Regulations 9.007 and 9.011.

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**Supporting Documentation:**

Glossary

2018-2019 Proposed University and DSO Operating Budget

**Facilitator/Presenter:**

Kenneth A. Jessell

# Glossary

## **Activity and Service**

The Activity and Service budget consists of funds from the student Activity and Service (A&S) fee to support student government operations, student activities such as clubs and organizations, student centers, and recreational sports for all campuses.

## **Auxiliary Enterprises**

The Auxiliary Enterprises budget consists of university business operations that are self-supporting through user fees, payments and charges; no General Revenue Support. These budgets include: Academic Auxiliary programs, Housing, Parking and Transportation, Student Health Services, and other auxiliaries such as commissions on food services and bookstore sales, rentals, and interdepartmental services.

## **Board Approved Fees (Test Preparation Fee)**

Board Approved Fees are fees specific to the university and have been approved by the Board of Governors. This fee currently consists of the Florida Bar Test Preparation Fee and only students in the College of Law are required to pay the fee. The fee is charged to those students in certain programs where licensing to practice requires successful completion of an examination and where FIU provides this preparation through a third party vendor. Every five years, the Board of Trustees is required to review the fee to determine if the fee has met its intended outcomes.

## **Bonded Projects (Capital Funding)**

Includes FIU housing and parking garage debt, and the Athletics Finance Corporation stadium debt.

## **Building and Capital Improvement Trust Fund Fee (CITF) (Capital Funding)**

Funded by student fees that are remitted to appropriate funds for distribution as required for debt service or used to fund student related projects approved by the Florida Legislature.

## **Carry Forward**

The accumulated ending Education and General (E&G) fund balance. Carry Forward can be used for activities such as, but not limited to, a contingency for unfunded enrollment growth, potential budget reductions, anticipated increases in university operations, and prior year encumbrances. At any time the unencumbered available balance in the E&G fund of the university board of trustees approved operating budget falls below five (5) percent of the approved total, the president shall provide a written notification and explanation to the Board of Governors.

## **Concessions**

The Concessions fund contains all the commission based revenues from beverage and pouring, snack vending as well as student housing laundry machines. The commission revenues are used to support the purchase of food and refreshment items at university-wide events, faculty and staff recruitment, commencements, training, lecture series, board of trustees, student housing socials and convocation events.

## **Contracts and Grants**

The Contracts and Grants (C&G) budget consists of funding from federal agencies, state agencies, foundations, and private sources that enables the university to conduct specific research projects or to provide specific non-research services. The C&G budget also includes direct support organization reimbursements for use of university resources.

Expenditures to support research grants include: a) direct costs such as salaries, wages, and benefits of research personnel, materials, supplies, travel, equipment, and rental of space that are directly attributed to the research project, and b) Indirect Costs such as building and equipment use and depreciation, physical plant and maintenance, hazardous waste disposal, libraries, general administration costs (legal, purchasing, accounting), janitorial services, and utilities.

## **Direct Support Organizations**

Per Florida Statute 1004.28 (1)(a), *“University direct-support organization” means an organization which is:*

- 1. A Florida corporation not for profit incorporated under the provisions of chapter 617 and approved by the Department of State.*
- 2. Organized and operated exclusively to receive, hold, invest, and administer property and to make expenditures to or for the benefit of a state university in Florida or for the benefit of a research and development park or research and development authority affiliated with a state university and organized under part V of chapter 159.”*

FIU has four Direct Support Organizations: FIU Foundation Inc., FIU Research Foundation, Athletics Finance Corporation, and FIU Academic Health Center Health Care Network Faculty Group Practice, Inc.

## **Education and General (E&G)**

The Education and General (E&G) budget consists of State appropriated General Revenue, Educational Enhancement (lottery) Funding, and Student Tuition and Matriculation Payments. Incremental funding is provided by the following primary mechanisms: Performance-based funding, tuition increases, and special legislative appropriations. State appropriated funding is no longer based on enrollments. E&G funds are used for general instruction, research, public service, plant operations and maintenance, student services, libraries, administrative support, and other enrollment-related and stand-alone operations of the university.

## **Gifts (Capital Funding)**

Another source of capital funding is philanthropy and the Courtelis Facility Matching Grant Program.

## **Intercollegiate Athletics**

The Athletics Operating budget supports the university’s student athletics program. Funding is generated from student athletics fees as well as ticket sales to athletics events, game guarantees, NCAA distributions, sponsorships and private support. Intercollegiate Athletics is also supported by Title IX funding, waivers and scholarships, and a statutory tax on ticket sales to support women’s sports.

### **Performance-Based Funding**

Performance-based funding is a mechanism by which the Florida Board of Governors (BOG) allocates state appropriations to the state universities. The BOG Performance Funding Model (PFM) includes 10 metrics that evaluate institutions on a range of issues. Eight of the 10 metrics are common for all universities; one is selected by the BOG for the university and one is selected by the Board of Trustees. The PFM has been in effect since fiscal year 2014-15.

### **Public Education Capital Outlay (PECO) (Capital Funding)**

Funded by the Gross Receipts Tax, which is a 2.5 percent levy on the gross receipts of electric, gas and telecommunications. This tax is devoted entirely to the Public Education Capital Outlay and Debt Service Trust fund (PECO) and is the major state source of revenue dedicated to repair, renovate and expand public schools (K-12), community colleges and state universities.

### **Special Legislative Appropriations**

These are legislative appropriations tied to specific university requested projects. Funding is based upon the university's Legislative Budget Request and may be recurring or non-recurring.

### **Student Financial Aid**

The Student Financial Aid budget consists of funding from student financial aid fees, support from federal and state financial aid awards, institutional programs, and private scholarships. Examples of sources of student financial aid are: Pell Grants, Florida Bright Futures Scholarship Program, FIU university-wide and College scholarships, Florida Student Assistance Grant, Federal Work Study, and First Generation Scholarships.

### **Student Loans**

The Student Loans Budget is comprised of loans from federal and private sources. Federal sources include Stafford and Plus, and private sources include Sallie Mae, Discover, and the PNC Financial Services Group Inc. The university acts as an agent with respect to these funds.

### **Technology Fee**

The Technology Fee budget consists of funding from the technology fee which is assessed at 5 percent of resident base tuition. The fee revenues are used to enhance instructional technology resources for students and faculty.

### **Tuition Increase Funding**

The Florida Legislature establishes undergraduate, graduate, and professional tuition as well as non-Florida resident tuition. Tuition differential beyond the base tuition for undergraduate Florida residents, up to 15 percent, was eliminated in fiscal year 2014-15 with the exception of FSU and UF (up to 6 percent) due to their pre-eminent status. The Board of Governors approves tuition for continuing education and market rate programs subject to parameters established by the Florida Legislature.

### **University Treasury Operations**

Treasury operations revenue consists of earnings from the university's investment portfolio. Earnings include interest income, realized gains and unrealized gains or losses.

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**Florida International University**  
**Board of Trustees Financial Summary**  
**FY 2018-19 Budget**

**Overview<sup>1</sup>**

	<b>Final Budget</b>	<b>Forecast</b>	<b>Forecast vs.</b>	<b>Requested Budget</b>	<b>Requested</b>
<i>(In millions of dollars)</i>	<b>2017-18</b>	<b>2017-18</b>	<b>Final Budget</b>	<b>2018-19</b>	<b>Budget</b>
					<b>vs. Forecast</b>
<b><u>Revenue / Receipts</u></b>					
<b>University</b>					
Educational and General (net) <sup>2</sup>	\$ 532.2	\$ 533.1	\$ 0.9	\$ 562.8	\$ 29.7
University	481.9	482.8	0.9	512.2	29.4
College of Medicine	50.3	50.3	-	50.6	0.3
FIU Self-Insurance Program	0.5	0.3	(0.2)	0.5	0.2
Auxiliary Enterprises	220.4	221.6	1.2	238.7	17.1
Intercollegiate Athletics	27.2	27.5	0.3	27.0	(0.5)
Activities and Service	20.3	20.6	0.3	20.8	0.2
Technology Fee	10.3	10.7	0.4	10.6	(0.1)
Board Approved Fees	0.4	0.4	-	0.40	-
Contracts and Grants	127.3	147.9	20.6	159.3	11.4
Student Financial Aid	163.4	203.1	39.7	211.7	8.6
Concessions	0.9	0.8	(0.1)	0.9	0.1
<b>Direct Support Organizations / Component Units</b>					
FIU Athletics Finance Corp	3.9	3.6	(0.3)	3.8	0.2
FIU Foundation Inc.	32.4	31.8	(0.6)	32.9	1.1
FIU Health Care Network	7.2	8.1	0.9	8.1	-
FIU Research Foundation Inc.	-	-	-	-	-
Interfund Adjustments <sup>3</sup>	(5.8)	(5.8)	-	(8.3)	(2.5)
<b>Total Operating Revenues</b>	<b>1,140.6</b>	<b>1,203.7</b>	<b>63.1</b>	<b>1,269.2</b>	<b>65.5</b>
University (net)	3.2	8.8	5.6	10.1	1.3
FIU Foundation Inc.	12.0	17.7	5.7	16.9	(0.8)
<b>Total Investment Revenues</b>	<b>15.2</b>	<b>26.5</b>	<b>11.3</b>	<b>27.0</b>	<b>0.5</b>
Student Loans <sup>4</sup>	284.2	265.0	(19.2)	267.4	2.4
<b>Total Revenues / Receipts</b>	<b>1,440.0</b>	<b>1,495.2</b>	<b>55.2</b>	<b>1,563.6</b>	<b>68.4</b>
<b><u>Expenses</u></b>					
<b>University</b>					
Educational and General	\$ 532.2	496.2	(36.0)	562.8	66.6
University	481.9	450.6	(31.3)	512.2	61.6
College of Medicine	50.3	45.6	(4.7)	50.6	5.0
FIU Self-Insurance Program	0.5	0.1	(0.4)	0.5	0.4
Auxiliary Enterprises	198.0	196.5	(1.5)	219.0	22.5
Intercollegiate Athletics	25.9	26.3	0.4	25.5	(0.8)
Activities and Service	20.6	19.2	(1.4)	21.0	1.8
Technology Fee	10.5	10.4	(0.1)	11.1	0.7
Board Approved Fees	0.4	0.4	-	0.4	-
Contracts and Grants	122.8	141.8	19.0	150.6	8.8
Student Financial Aid	163.6	203.4	39.8	212.4	9.0
Concessions	0.9	0.7	(0.2)	0.9	0.2
<b>Direct Support Organizations / Component Units</b>					
FIU Athletics Finance Corp	2.1	1.4	(0.7)	1.4	-
FIU Foundation Inc.	33.4	34.9	1.5	37.1	2.2
FIU Health Care Network	5.4	5.5	0.1	5.8	0.3
FIU Research Foundation Inc.	-	-	-	-	-
Interfund Adjustments <sup>3</sup>	(5.8)	(5.8)	-	(8.3)	(2.5)
<b>Total Operating Expenses</b>	<b>1,110.5</b>	<b>1,131.0</b>	<b>20.5</b>	<b>1,240.2</b>	<b>109.2</b>
Principal Payment of Debt <sup>5</sup>	8.3	8.6	0.3	9.8	1.2
Student Loans <sup>4</sup>	284.2	265.0	(19.2)	267.4	2.4
<b>Total Expenses</b>	<b>1,403.0</b>	<b>1,404.6</b>	<b>1.6</b>	<b>1,517.4</b>	<b>112.8</b>
<b>Change in Net Assets (incl. Investments)</b>	<b>\$ 37.0</b>	<b>\$ 90.6</b>	<b>\$ 53.6</b>	<b>\$ 46.2</b>	<b>\$ (44.4)</b>
<b>Change in Net Assets (excl. Investments)</b>	<b>\$ 21.8</b>	<b>\$ 64.1</b>	<b>\$ 42.3</b>	<b>\$ 19.2</b>	<b>\$ (44.9)</b>

**Florida International University  
Board of Trustees Financial Summary  
FY 2018-19 Budget  
Overview<sup>1</sup>**

**Notes:**

<sup>1</sup> *The financials presented above reflects the state budgeting methodology which differs from full accrual Financial Statements. The following have the most significant impact:*

- *Depreciation of Assets: For budgeting purposes equipment purchases are fully expensed in their acquisition year, therefore depreciation is not included in the budget.*
- *Unrealized gains and losses: The investment results are recognized as revenues in the budget however GASB accounting principles require that it be recorded as a non-operating revenue / expense.*

<sup>2</sup> *Educational and General (E&G) revenues include State Funding and Tuition and are net of waivers, uncollectible amounts, credit card surcharge, and 30% financial aid need-based amounts per Florida statute 1009.24 (16)(a). State Appropriations include an estimated \$73.7M associated with FY 2018-19 performance funding, which is contingent upon approval by the Board of Governors.*

<sup>3</sup> *Interfund transactions have been included in the individual funds to allow for individual fund performance analysis. This has resulted in higher revenues and expenses by fund. The Interfund Adjustments eliminate this double counting of revenues and expenses with the exception of interfund transactions for auxiliary services provided to other units and Direct Support Organizations which have not been eliminated.*

<sup>4</sup> *Student loans represent a pass through for the university.*

<sup>5</sup> *Principal payment of debt is reflected as an expense above per Florida Board of Governors requirement that debt service payments be shown on a cash basis.*

Florida International University  
Financial Summary  
2018-19 E&G Revenue Growth

<i>(In thousands of dollars)</i>	General Revenue	Educational Enhancement (Lottery)	Total State Funding	Student Fee (net) <sup>1</sup>	Total
<b><u>I. University (ex-Legislative Items: Risk Management &amp; Financial Aid)</u></b>					
<b>2017 - 18 Base Budget</b>	<b>\$ 228,698</b>	<b>\$ 27,579</b>	<b>\$ 256,277</b>	<b>\$ 222,015</b>	<b>\$ 478,292</b>
Deduct Prior Year Non-Recurring	-	-	-	-	-
Plant Operations & Maintenance Annualization	-	-	-	-	-
<b>2017 - 18 Adjusted Base Budget</b>	<b>\$ 228,698</b>	<b>\$ 27,579</b>	<b>\$ 256,277</b>	<b>\$ 222,015</b>	<b>\$ 478,292</b>
<b>2018 - 19 Incremental Changes</b>					
<b>Tuition</b>				3,626	3,626
<b>Performance Based Funding<sup>2</sup></b>					
Reduction Prior Year State Investment	(27,468)		(27,468)		(27,468)
Current Year - State Investment	39,996		39,996		39,996
Transfer Base Funding to Performance	(33,731)		(33,731)		(33,731)
Current Year - Institutional Investment	33,731		33,731		33,731
<b>New Legislative Appropriations</b>					
FIU - Washington Center Scholarship Program	300		300		300
FIU - Targeted STEM Initiatives	3,500		3,500		3,500
FIU - University-Industry Research and Development Lab	500		500		500
FIU - Operational Support	4,700		4,700		4,700
World Class Faculty and Scholar Program	2,094		2,094		2,094
SUS Professional and Graduate Degree Excellence Program	1,933		1,933		1,933
<b>Plant Operations &amp; Maintenance (PO&amp;M) - New Space</b>	-		-		-
<b>Florida Retirement System Adjustment</b>	909		909		909
<b>Health Insurance Increases</b>	-		-		-
<b>Educational Enhancement Trust Fund adj.</b>	(5,404)	5,404	-		-
<b>Total Incremental Changes</b>	<b>21,061</b>	<b>5,404</b>	<b>26,465</b>	<b>3,626</b>	<b>30,091</b>
<b>2018 - 19 Base Budget</b>	<b>\$ 249,759</b>	<b>\$ 32,983</b>	<b>\$ 282,742</b>	<b>\$ 225,641</b>	<b>\$ 508,383</b>

**II. University (Legislative Items: Risk Management & Financial Aid)**

<b>2017 - 18 Base Budget</b>	<b>\$ 3,645</b>		<b>\$ 3,645</b>		<b>\$ 3,645</b>
Adjustment to Risk Management Insurance Base	148		148		148
<b>2017 - 18 Adjusted Base Budget</b>	<b>\$ 3,793</b>	<b>\$ -</b>	<b>\$ 3,793</b>	<b>\$ -</b>	<b>\$ 3,793</b>
<b>2018 - 19 Base Budget</b>	<b>\$ 3,793</b>	<b>\$ -</b>	<b>\$ 3,793</b>	<b>\$ -</b>	<b>\$ 3,793</b>

<b><u>I. &amp; II. University</u></b>					
<b>2017 - 18 Base Budget</b>	<b>\$ 232,343</b>	<b>\$ 27,579</b>	<b>\$ 259,922</b>	<b>\$ 222,015</b>	<b>\$ 481,937</b>
Adjustments to Base Budget	148	-	148	-	148
<b>2017 - 18 Adjusted Base Budget</b>	<b>\$ 232,490</b>	<b>\$ 27,579</b>	<b>\$ 260,070</b>	<b>\$ 222,015</b>	<b>\$ 482,085</b>
Total Incremental Changes	21,061	5,404	26,465	3,626	30,091
<b>2018 - 19 Base Budget</b>	<b>\$ 253,551</b>	<b>\$ 32,983</b>	<b>\$ 286,535</b>	<b>\$ 225,641</b>	<b>\$ 512,175</b>

<sup>1</sup> Tuition revenues are net of waivers, uncollectible amounts, credit card surcharge, and 30% financial aid need-based amounts per Florida statute 1009.24 (16)(a).

<sup>2</sup> Performance based funding is an estimate of the allocation to FIU of the State Investment of \$265M (\$20M new funds and \$245M prior year allocation) and \$295M Institutional Investment (reallocation of base funds). Performance funds allocations to institutions are subject to approval by the Florida Board of Governors in the June 2018 meeting.

Florida International University  
Financial Summary  
2018-19 E&G Revenue Growth

	General Revenue	Educational Enhancement (Lottery)	Total State Funding	Student Fee (net) <sup>1</sup>	Total
<i>(In thousands of dollars)</i>					
<b><u>III. College of Medicine (ex-Legislative Items: Risk Management)</u></b>					
2017 - 18 Base Budget	\$ 31,934		\$ 31,934	\$ 18,238	\$ 50,172
Deduct Prior Year Non-Recurring	200	-	200		200
2017 - 18 Adjusted Base Budget	\$ 32,134	\$ -	\$ 32,134	\$ 18,238	\$ 50,372
2018 - 19 Incremental Changes					
Tuition			-	(0)	(0)
Florida Retirement System Adjustment	115		115		115
Health Insurance Increases	-		-		-
Total Incremental Changes	115	-	115	(0)	114
2018 - 19 Base Budget	\$ 32,249	\$ -	\$ 32,249	\$ 18,238	\$ 50,486

**IV. College of Medicine (Legislative Items: Risk Management)**

2017 - 18 Base Budget	\$ 80		\$ 80		\$ 80
Adjustment to Risk Management Base	0		0		0
2017 - 18 Adjusted Base Budget	\$ 80	\$ -	\$ 80	\$ -	\$ 80

**III. & IV. College of Medicine**

2017 - 18 Base Budget	\$ 32,014	\$ -	\$ 32,014	\$ 18,238	\$ 50,252
Adjustments to Base Budget	200	-	200	-	200
2017 - 18 Adjusted Base Budget	\$ 32,214	\$ -	\$ 32,214	\$ 18,238	\$ 50,452
Total Incremental Changes	115	-	115	(0)	114
2018 - 19 Base Budget	\$ 32,329	\$ -	\$ 32,329	\$ 18,238	\$ 50,567

<sup>1</sup> Tuition revenues are net of waivers, uncollectible amounts, and credit card surcharge.

**Florida International University**  
**Financial Summary**  
**E&G Summary**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget <sup>1</sup> 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b><u>I. University:</u></b>					
<b>Revenues</b>					
General Revenues <sup>1</sup>	\$ 231,793	\$ 231,991	\$ 198	\$ 249,251	\$ 17,261
General Revenues - Legislative Line Item	550	550	-	4,300	3,750
Educational Enhancement (Lottery) <sup>1</sup>	27,579	27,579	-	32,983	5,404
Total State Appropriations	259,922	260,120	198	286,535	26,415
Gross Tuition	274,633	278,565	3,931	284,069	5,504
Waivers	(33,242)	(36,229)	(2,987)	(38,586)	(2,357)
Financial Aid (30%)	(19,376)	(19,609)	(233)	(19,842)	(234)
Net Tuition <sup>2</sup>	222,015	222,727	712	225,641	2,913
<b>Total Revenues</b>	<b>\$ 481,937</b>	<b>\$ 482,847</b>	<b>\$ 910</b>	<b>\$ 512,175</b>	<b>\$ 29,328</b>
<b>Expenses</b>					
Salaries and Benefits	337,164	322,632	(14,532)	355,529	32,897
Other Personal Services (OPS)	33,215	38,051	4,837	35,599	(2,452)
Other Expenses	104,251	81,232	(23,019)	113,149	31,917
Operating Capital Outlay (OCO)	7,308	8,641	1,333	7,898	(742)
<b>Total Operating Expenses</b>	<b>\$ 481,937</b>	<b>\$ 450,556</b>	<b>\$ (31,381)</b>	<b>\$ 512,175</b>	<b>\$ 61,619</b>
<b>Change in Net Assets</b>	<b>\$ -</b>	<b>\$ 32,291</b>	<b>\$ 32,291</b>	<b>\$ -</b>	<b>\$ (32,291)</b>

**II. College of Medicine:**

<b>Revenues</b>					
General Revenues	\$ 32,014	\$ 32,022	\$ 8	\$ 32,329	\$ 307
General Revenues - Legislative Line Item	-	-	-	-	-
Total State Appropriations	32,014	32,022	8	32,329	307
Gross Tuition	18,405	18,377	(28)	18,405	28
Waivers	(167)	(60)	107	(167)	(107)
Net Tuition <sup>2</sup>	18,238	18,316	79	18,238	(79)
<b>Total Revenue Available</b>	<b>\$ 50,252</b>	<b>\$ 50,339</b>	<b>\$ 87</b>	<b>\$ 50,567</b>	<b>\$ 228</b>
<b>Expenses</b>					
Salaries and Benefits	41,392	37,321	(4,071)	42,134	4,812
Other Personal Services (OPS)	2,493	2,176	(317)	2,338	162
Other Expenses	6,366	6,079	(287)	6,095	16
Operating Capital Outlay (OCO)	-	22	22	-	(22)
<b>Total Operating Expenses</b>	<b>\$ 50,252</b>	<b>\$ 45,599</b>	<b>\$ (4,653)</b>	<b>\$ 50,567</b>	<b>\$ 4,968</b>
<b>Change in Net Assets</b>	<b>\$ -</b>	<b>\$ 4,740</b>	<b>\$ 4,740</b>	<b>\$ -</b>	<b>\$ (4,740)</b>

**Notes:**

<sup>1</sup> The amounts reported as state appropriations are based on the appropriations bill approved by the Legislature (HB 5001). FY 2018-19 state appropriations for the University include an estimated \$73.7M of performance funding, which is contingent upon approval by the Florida Board of Governors at the June 2018 meeting.

<sup>2</sup> Net tuition revenues are gross tuition revenues net of waivers, uncollectible amounts, credit card surcharge, and 30% financial aid need-based amounts per Florida statute 1009.24 (16)(a).

Florida International University  
Financial Summary  
E&G Summary

(In millions of dollars)

**I. University Carry Forward:**

<b>FY 2017-18 Beginning Balance</b>	<b>\$ 69.8</b>
<b>Carry Forward Expenditure Forecast FY 2017-18</b>	<b>(41.4)</b>
<b>Estimated Unused FY 2017-18 Current Year Funds</b>	<b>32.3</b>
<b>FY 2018-19 Estimated Beginning Balance</b>	<b>\$ 60.7</b>
<b>FY 2018-19 Expenses</b>	<b>(21.8)</b>
• Restricted by Appropriations	(0.9)
• College and Area Commitments	(6.5)
• Minor Projects and PO&M	(5.0)
• Campus Security and Safety, including emergency infrastructure hardening and hurricane preparedness and	(5.7)
• Capital Campaign	(3.7)
<b>Estimated Available Balance</b>	<b>\$ 38.9</b>
<b>Minimum Statutory Reserve</b>	<b>\$ 25.7</b>

**II. College of Medicine Carry Forward:**

<b>FY 2017-18 Beginning Balance</b>	<b>\$ 8.9</b>
<b>Carry Forward Expenditure Forecast FY 2017-18</b>	<b>(3.5)</b>
<b>Estimated Unused FY 2017-18 Current Year Funds</b>	<b>4.7</b>
<b>FY 2018-19 Estimated Beginning Balance</b>	<b>\$ 10.2</b>
<b>FY 2018-19 Expenses</b>	<b>(10.2)</b>
• Legislative Earmarked Funds	(3.0)
• Tuition Remission	(1.9)
• Contractual Commitments	(3.0)
• Operational Investments	(2.3)
<b>Estimated Available Balance</b>	<b>\$ (0.0)</b>
<b>Minimum Statutory Reserve</b>	<b>\$ 2.5</b>

**Florida International University  
Financial Summary  
Total Auxiliary Enterprises**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 220,400</b>	<b>\$ 221,641</b>	<b>\$ 1,241</b>	<b>\$ 238,737</b>	<b>\$ 17,096</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	83,791	76,603	(7,188)	89,990	13,387
Other Personal Services (OPS)	16,793	16,118	(676)	17,728	1,610
Other Expenses	88,357	95,314	6,958	101,384	6,070
Operating Capital Outlay (OCO)	1,956	1,862	(94)	3,614	1,753
Debt Service Interest	7,140	6,595	(545)	6,235	(360)
<b>Total Operating Expenses</b>	<b>198,037</b>	<b>196,491</b>	<b>(1,545)</b>	<b>218,952</b>	<b>22,461</b>
<b>Net Operating Income</b>	<b>22,363</b>	<b>25,150</b>	<b>2,786</b>	<b>19,785</b>	<b>(5,364)</b>
Investment Revenues	1,335	1,523	188	2,414	891
Principal Payment of Debt	(7,195)	(7,195)	-	(7,530)	(335)
Operational Transfers	-	-	-	-	(1)
Capital Expenditures	(8,365)	(11,362)	(2,997)	(30,070)	(18,709)
Third Party Transfers	-	-	-	-	(1)
Institutional Transfers	457	(444)	(900)	252	694
<b>Change in Net Assets</b>	<b>8,596</b>	<b>7,672</b>	<b>(922)</b>	<b>(15,149)</b>	<b>(22,825)</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	153,600	147,907		155,579	
Change in Net Assets	8,596	7,672		(15,149)	
<b>Ending Fund Balance</b>	<b>\$ 162,196</b>	<b>\$ 155,579</b>		<b>\$ 140,430</b>	

Total Auxiliary Enterprises includes activities under Academic Auxiliaries, Housing, Parking and Transportation, Student Health Services, and Other Auxiliaries such as commissions, rentals, interdepartmental services, marketing and sponsorship activities, and other university-wide initiatives.

*Notes: Budget figures represent total revenues and expenses for all Auxiliary activities, hence interdepartmental transactions have not been eliminated.*

**Financial Highlights**

FY 2017-18 revenue is \$1.2M greater than plan mostly due to Other Auxiliaries and Housing offset by Academic Auxiliaries. In Other Auxiliaries, the Division of Information Technology's Panther Tech computer store, network, and media operations, and the South Beach Wine and Food Festival (SoBEWFF) outperformed as compared to plan. Greater student housing revenue is driven by higher average occupancy across the housing system and higher than anticipated summer conference revenue resulting from increased marketing and partnership efforts to increase conference and meeting space revenue. In contrast, revenues are below plan in the Academic Auxiliaries, mainly in the market rate programs offered by the College of Business; enrollment in these graduate level programs is closely tied to the economy as there is less demand for graduate programs in a strong economy. The College of Business is exploring new marketing efforts including the creation of an in-house marketing group (currently outsourced) and a call center to bolster enrollment in these programs.

Total operating expenses in FY 2017-18 are \$1.5M below budget. The majority of the savings is in Parking and Transportation, Academic Auxiliaries, and Student Health Services offset by higher expenses in Other Auxiliaries. Savings in Parking and Transportation are due to postponed, planned maintenance and infrastructure projects which were replaced by capital outlays for new surface parking at the Biscayne Bay Campus (BBC). Academic Auxiliary expenses are lower than budget across various colleges, but driven mainly by the College of Business efforts to reduce operating costs across multiple academic programs and central office functions, and lower program costs due to lower enrollment across various market rate academic programs. Savings in Student Health Services are mainly due to vacancies across both fee for service and clinical operations, delays in infrastructure projects, and operating savings in the Pharmacy due to lower demand. Additional savings in Housing are due to vacancies and less temporary staffing requirements for the mail room. These savings are in part offset by overages in Other Auxiliary operations like the Division of IT Panther Tech computer store commensurate with greater sales, network and media services due to unplanned purchases of software and hardware and greater need for classroom and conference room technology refreshes, and greater costs associated with the South Beach Wine and Food Festival (SoBEWFF) commensurate with greater revenues and more events.

**Florida International University**  
**Financial Summary**  
**Total Auxiliary Enterprises**

Capital expenditures in FY 2017-18 are \$2.9M greater than budget due to unbudgeted transfers for the future student housing facility, Parkview II, which is in the planning and design phase, in addition to a new surface parking lot located at the Biscayne Bay Campus (BBC) adjacent to the Bayview student housing facility.

Operating revenue for FY 2018-19 is \$17.1M higher than FY 2017-18 forecast and is mostly attributable to growth in Academic Auxiliaries, Other Auxiliaries, and Student Health Services. The College of Business plans to offer new programs, grow enrollment in existing market rate programs, and promote their executive and continuing education programs in an effort to increase enrollments. Several other colleges are also expanding their existing programs and offering new programs. In other auxiliaries, the recently acquired National Forensic Science and Technology Center (NFSTC), Business Services food and retail operations, and anticipated Hurricane Irma damage reimbursements, also contribute to the revenue growth. Lastly, student health fee collections are higher than forecast resulting from the assessment of the student health fee to fully online students. Telehealth options and services will be available for those students who are not all on campus.

Total operating expenses for FY 2018-19 are \$22.5M greater than FY 2017-18 forecast. The largest increase is in Academic Auxiliaries and is tied to an investment by FIU Online in instructional designers to support the growth in online courses and programs, additional cost of supporting and obtaining higher enrollments due to new programs or growth in existing market rate and self-supporting programs, including the new Wolfsonian-FIU emerging preeminent humanities program. In Other Auxiliary activities, the Shared Services Fee is providing greater support to the Police Department and the Central Reservation Office (CRO), lease expenses associated with the newly acquired National Forensic Science and Technology Center (NFSTC), and the reversion back to auxiliaries for construction management services (alternative funding identified in FY 2017-18). Student Health Services is adding new positions to support mental health and wellness services funded by greater health fee revenues. Finally, Housing is budgeting to fill vacant positions in addition to planning several in-house maintenance, renovation, and facilities related projects, and Parking and Transportation plans to complete maintenance projects that were postponed in FY 2017-18.

In FY 2018-19, capital expenditures are greater than FY 2017-18 forecast due to Housing's commitment to fund up to \$16.4M of the total construction cost for the new, planned housing facility, Parkview II. Additionally, the university has planned capital expenditures for the three-year emergency infrastructure hardening project and Hurricane Irma related repairs.



**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Academic Auxiliaries**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 103,683</b>	<b>\$ 101,101</b>	<b>\$ (2,582)</b>	<b>\$ 107,126</b>	<b>\$ 6,025</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	49,310	46,151	(3,159)	51,628	5,477
Other Personal Services (OPS)	11,798	11,791	(6)	13,327	1,536
Other Expenses	40,996	42,386	1,390	46,039	3,654
Operating Capital Outlay (OCO)	238	448	210	336	(111)
Debt Service Interest	22	22	-	16	(6)
<b>Total Operating Expenses</b>	<b>102,364</b>	<b>100,798</b>	<b>(1,566)</b>	<b>111,347</b>	<b>10,549</b>
<b>Net Operating Income</b>	<b>1,319</b>	<b>303</b>	<b>(1,016)</b>	<b>(4,221)</b>	<b>(4,524)</b>
Investment Revenues	342	402	61	744	341
Principal Payment of Debt	-	-	-	-	-
Operational Transfers	762	158	(604)	413	255
Capital Expenditures	-	(498)	(498)	-	498
Third Party Transfers	-	-	-	-	-
Institutional Transfers	457	(583)	(1,039)	264	847
<b>Change in Net Assets</b>	<b>2,879</b>	<b>(217)</b>	<b>(3,095)</b>	<b>(2,800)</b>	<b>(2,583)</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	39,675	42,145		41,928	
Change in Net Assets	2,879	(217)		(2,800)	
<b>Ending Fund Balance</b>	<b>\$ 42,554</b>	<b>\$ 41,928</b>		<b>\$ 39,127</b>	

Academic Auxiliary programs are comprised primarily of market rate and self-supporting programs, web based courses, conferences, labs, recharge centers, and distance learning programs. The revenues generated serve to support the actual programs and their growth.

**Financial Highlights**

FY 2017-18 operating revenues are \$2.6M less than budgeted primarily due to lower than anticipated enrollment in market rate academic programs across several colleges. The largest drivers of this decline are in the College of Business (COB) and include various MBA programs like the Professional MBA Flex, Executive MBA, Professional MBA downtown, Corporate (online) MBA, Healthcare MBA (both on premise and online), specialized masters like Masters of International Business (MIB), Masters of Accountancy (MACC), and Masters of International Real Estate (MSIRE), in addition to other market rate programs in the Green School of International and Public Affairs (SIPA) like the Master of Arts in Global Governance (MAGG), and College of Engineering MS in Engineering Management and MS in Computer Engineering. For the most part, College of Business is driving this decline as demand for MBA's is generally inversely related to the strength of the U.S. economy and, as such, the College of Business is looking towards improving these market rate programs with a focus on marketing and content improvements.

Altogether, these market rate program shortfalls are offset in small part by greater revenue in self-supporting programs like the College of Business MS in Marketing and MS in Human Resource Management, study abroad programs in College of Communication, Architecture, and the Arts (CARTA), Green School of International and Public Affairs (SIPA), and College of Arts, Science, and Education (CASE), and other Academic Affairs programs like the Chaplin School of Hospitality and Tourism Management China undergraduate program.

FY 2017-18 overall academic auxiliary operating expenses are under budget by \$1.6M. These savings are driven by College of Business efforts to reduce operating costs across multiple academic programs and central office functions, in addition to savings as a result of lower enrollment in market rate programs and other programs like the College of Engineering MS in Computer Engineering and MS in Engineering Management, savings at the Kovens Center as efforts to improve operations and revenue generation continue, the Center for Imaging Science, and lower costs at the English Language Institute. Altogether, these savings are partially offset by additional expenses supported by the Academic Affairs overhead, study abroad programs across multiple colleges, and the Center for Leadership.

**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Academic Auxiliaries**

Unbudgeted capital expenditures in FY 2017-18 represent renovations in various offices across campus and HVAC improvements at Biscayne Bay Campus (BBC) Academic Center II building.

Operating revenues for FY 2018-19 are projected to increase by \$6.0M as compared to FY 2017-18 forecast. This revenue increase is driven primarily by new self-supporting programs, overall growth in existing market rate and self-supporting programs across several colleges, and greater distance learning fee revenue tied to growth in online courses and programs.

The College of Business, the largest contributor to academic auxiliary revenue, is anticipating growth in Executive and Professional education offerings and other existing programs like the MS in Human Resource Management, MS in International Real Estate, Masters of Accountancy (MACC), and Masters of International Business (online), in addition to new programs such as the Doctor of Business Administration (DBA), MS in Healthcare Informatics and Analytics, MS in Logistics, and MS in Marketing online. These programs are offsetting continued enrollment declines in the college in MBA and specialized graduate programs.

Academic programs in other colleges are projecting increased enrollment, for instance, the Herbert Wertheim College of Medicine (COM) Physician Assistant Program, Green School of International and Public Affairs (SIPA) Master of Arts in Global Governance, Robert Stempel College of Public Health and Social Work Master of Arts in Disaster Management, College of Law Juris Master's program and LLM program with a new track, and Nicole Wertheim College of Nursing and Health Sciences (CNHS) Masters of Health Sciences Administration (online and on premise), in addition to new CNHS Doctor of Athletics Training, and Robert Stempel College of Public Health and Social Work Masters of Public Health value added component.

Altogether, the growth in existing programs plus new offerings coming online in FY 2018-19, are partially offset by less revenue from Chaplin School of Hospitality and Tourism Management China undergraduate program and College of Arts, Science, and Education (CASE) Masters in Curriculum and Instruction and Masters of Special Education as one less cohort is expected for each of these programs. The College of Arts, Science, and Education plans to implement more targeted marketing efforts to local teachers to increase enrollment beyond FY 2018-19.

Operating expenses for FY 2018-19 are projected to increase by \$10.6M as compared to FY 2017-18 forecast. The majority of the expense increase is driven by FIU Online, which is investing in instructional designers to support growth in online courses and programs (FIU Online is projected to recoup this investment over three years), and higher expenses associated with the new programs and enrollment growth in existing programs as described above. Additionally, the recently acquired National Forensic Science Technology Center (NFSTC) will incur expenses associated with non-credit courses along with other academic auxiliaries like the English Language Institute and the Wolfsonian-FIU museum's new emerging pre-eminent humanities program. Lastly, as part of the plan to rebound the market rate and self-supporting programs in the College of Business, the college will incur additional expenses in the transition of marketing and call center efforts to a new, in-house model.

Florida International University  
Financial Summary  
Auxiliary Enterprises - Housing

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>	<b>Preliminary Budget 2019-20</b>
<b>Operating Revenues</b>	<b>\$ 30,210</b>	<b>\$ 30,637</b>	<b>\$ 427</b>	<b>\$ 30,613</b>	<b>\$ (24)</b>	<b>\$ 31,181</b>
<b>Expenses</b>						
Salaries and Benefits	4,394	4,130	(264)	4,860	731	4,947
Other Personal Services (OPS)	1,528	1,290	(238)	1,302	12	1,319
Other Expenses	12,006	12,079	74	12,564	485	12,387
Operating Capital Outlay (OCO)	46	40	(5)	42	2	43
Debt Service Interest	3,503	3,501	(2)	3,319	(182)	3,138
<b>Total Operating Expenses</b>	<b>21,476</b>	<b>21,041</b>	<b>(436)</b>	<b>22,087</b>	<b>1,046</b>	<b>21,835</b>
<b>Net Operating Income</b>	<b>8,734</b>	<b>9,596</b>	<b>862</b>	<b>8,526</b>	<b>(1,071)</b>	<b>9,346</b>
Investment Revenues	262	296	33	434	139	200
Principal Payment of Debt	(3,915)	(3,915)	-	(4,100)	(185)	(4,275)
Operational Transfers	14	154	140	55	(99)	
Capital Expenditures	(2,805)	(8,762)	(5,957)	(16,752)	(7,990)	(3,500)
Third Party Transfers	-	-	-	-	-	
Institutional Transfers	-	-	-	-	-	
<b>Change in Net Assets</b>	<b>2,290</b>	<b>(2,631)</b>	<b>(4,922)</b>	<b>(11,837)</b>	<b>(9,206)</b>	<b>1,772</b>
<b>Fund Balance</b>						
Beginning Fund Balance	27,685	26,120		23,489		11,652
Change in Net Assets	2,290	(2,631)		(11,837)		1,772
<b>Ending Fund Balance</b>	<b>\$ 29,975</b>	<b>\$ 23,489</b>		<b>\$ 11,652</b>		<b>\$ 13,424</b>

The Housing Auxiliary generates revenues in the form of rental income from students seeking housing accommodations on campus and from summer conference housing.

**Financial Highlights**

The average Housing occupancy in FY 2017-18 at the Modesto A. Maidique Campus (MMC) was 99.62% as compared to plan at 99.52% for the fall and spring semesters. Housing revenue in FY 2017-18 is forecasted to be \$0.4M greater than plan driven by greater average occupancy across the system and greater than anticipated summer conference revenue. The higher conference revenue is as a result of increased marketing and partnership efforts to increase conference and meeting space revenue.

Operating expenses in FY 2017-18 are \$0.4M less than budget and driven by salary savings due to vacancies, less than anticipated need for temporary staffing in support of areas like the mail room, technology, custodial and maintenance, offset in part by Other Expenses driven by additional costs associated with planned infrastructure projects.

Capital Expenditures in FY 2017-18 are \$6.0M greater than budget and driven by the timing of capital contributions to the future student housing facility, tentatively called Parkview II, currently underway. FIU Housing has committed to funding up to \$16.4M of the construction cost of the new facility, with most of this funding being drawn down in FY 2018-19. In addition, FIU Housing completed several projects in FY 2017-18 including 10 new community kitchens in Lakeview North and South, new flooring, lights, painting, lounges and furniture in Everglades, and the installation of card swipe access in University Towers and Everglades.

FIU Housing processes over 5,200 applications for student housing per year and over 2,000 current student residents have applied to return in FY 2018-19. Expected average occupancy in FY 2018-19 is projected to be in line with the average actual occupancy in FY 2017-18 at 99.10%. Housing rates are flat as compared to FY 2017-18. Overall revenue is flat as compared to FY 2017-18 forecast.

**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Housing**

FY 2018-19 operating expenses are \$1.0M greater than FY 2017-18 forecast and is due to budgeting for vacant positions, planned salary increases, and reorganization of FIU Housing staff, in addition to typical in-house maintenance, renovation, and facilities related projects not completed in FY 2017-18 or planned for FY 2018-19 such as card access installation, boiler replacements, and flooring and kitchen improvements.

Capital Expenditures in FY 2018-19 represent the planned funding, up to \$16.4M, towards the future student housing facility, in addition to both interior and exterior renovations at University Apartments, replacement of showers at Lakeview, installation of artificial turf in common outdoor space near Parkview, and other smaller projects across the housing system.

Housing continues to have sufficient operating revenues to cover the debt service payment and meet required debt service ratios. The fund balance is held in reserves as part of the bond indenture for major repairs and capital replacements.

**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Parking and Transportation**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>	<b>Preliminary Budget 2019-20</b>
<b>Operating Revenues</b>	<b>\$ 15,772</b>	<b>\$ 15,101</b>	<b>\$ (671)</b>	<b>\$ 15,503</b>	<b>\$ 402</b>	<b>\$ 16,417</b>
<b>Expenses</b>						
Salaries and Benefits	2,620	2,400	(220)	2,748	348	2,775
Other Personal Services (OPS)	722	466	(256)	575	109	557
Other Expenses	5,324	4,789	(534)	5,360	571	5,300
Operating Capital Outlay (OCO)	140	83	(57)	130	47	168
Debt Service Interest	3,614	3,072	(543)	2,900	(172)	2,725
<b>Total Operating Expenses</b>	<b>12,421</b>	<b>10,810</b>	<b>(1,611)</b>	<b>11,713</b>	<b>903</b>	<b>11,525</b>
<b>Net Operating Income</b>	<b>3,351</b>	<b>4,291</b>	<b>940</b>	<b>3,790</b>	<b>(501)</b>	<b>4,892</b>
Investment Revenues	99	106	7	156	50	103
Principal Payment of Debt	(3,280)	(3,280)	-	(3,430)	(150)	(3,005)
Operational Transfers	46	(32)	(77)	46	77	
Capital Expenditures	-	(1,298)	(1,298)	(740)	558	
Third Party Transfers	-	-	-	-	-	
Institutional Transfers	-	(23)	(23)	-	23	
<b>Change in Net Assets</b>	<b>216</b>	<b>(235)</b>	<b>(452)</b>	<b>(177)</b>	<b>58</b>	<b>1,990</b>
<b>Fund Balance</b>						
Beginning Fund Balance	8,569	8,839		8,603		8,426
Change in Net Assets	216	(235)		(177)		1,990
<b>Ending Fund Balance</b>	<b>\$ 8,786</b>	<b>\$ 8,603</b>		<b>\$ 8,426</b>		<b>\$ 10,416</b>

The Parking and Transportation auxiliary operating revenues are primarily generated from parking access fees charged to students, faculty, staff, and visitors. There are currently 6 garages and 52 parking lots in operation totaling 17,415 parking spaces.

**Financial Highlights**

Unfavorable revenue variance in FY 2017-18 of \$0.7M is mostly attributable to delays in collections efforts and less than anticipated citations, events, and other miscellaneous revenue sources due to Hurricane Irma and the resulting university closure.

FY 2017-18 operating expenses are forecast to be below budget by \$1.6M and mostly due to vacancies, less on-campus events requiring temporary staffing, planned but deferred maintenance projects to offset unplanned Capital Expenditures for a new surface parking lot adjacent to Bayview Student Housing at the Biscayne Bay Campus (BBC), and the unbudgeted Build America Bonds subsidy reducing debt service costs.

In FY 2012-13, the Board of Governors approved the issuance of a fixed rate revenue bond not to exceed \$33.5M for the purpose of financing Parking Garage 6 on the Modesto A. Maidique Campus and with the restriction that student parking access fees will not increase for six fiscal years; FY 2018-19 is the final year of the 6-year restriction.

Capital expenditures in FY 2017-18 were greater than budget due to unplanned infrastructure projects at BBC.

Operating revenues in FY 2018-19 are projected to be \$0.4M greater than FY 2017-18 forecast. This increase is more the result of the absence of Hurricane Irma's impact on parking operations in FY 2017-18 rather than new revenue opportunities for FY 2018-19. There are no planned increases in rates and therefore the Student Parking Access fee revenue for FY 2018-19 is in line compared to FY 2017-18 forecast.

Operating expenses in FY 2018-19 are \$0.9M greater than FY 2017-18 forecast due to the planned filling of vacant positions, added staffing to support more events on campus, and the completion of maintenance projects which were deferred in FY 2017-18 due to the surface parking construction at BBC.

**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Parking and Transportation**

No capital expenditures are planned for FY 2018-19.

Parking continues to have sufficient operating revenues to cover the debt service payment and meet required debt service ratios. The fund balance is held as a reserve as required by the terms in the bond indenture for major repairs and capital replacement, and for future expansion of parking facilities.

**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Student Health Services**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 12,053</b>	<b>\$ 11,840</b>	<b>\$ (213)</b>	<b>\$ 13,115</b>	<b>\$ 1,275</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	8,253	7,845	(408)	9,260	1,415
Other Personal Services (OPS)	536	733	198	574	(159)
Other Expenses	3,291	2,718	(573)	3,268	549
Operating Capital Outlay (OCO)	-	-	-	-	1
Debt Service Interest	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>12,080</b>	<b>11,296</b>	<b>(783)</b>	<b>13,101</b>	<b>1,805</b>
<b>Net Operating Income</b>	<b>(26)</b>	<b>544</b>	<b>570</b>	<b>14</b>	<b>(530)</b>
Investment Revenues	-	-	-	-	-
Principal Payment of Debt	-	-	-	-	-
Operational Transfers	-	6	6	14	8
Capital Expenditures	-	(2)	(2)	-	2
Third Party Transfers	-	-	-	-	-
Institutional Transfers	-	-	-	-	-
<b>Change in Net Assets</b>	<b>(26)</b>	<b>548</b>	<b>574</b>	<b>28</b>	<b>(520)</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	7,591	7,907		8,455	
Change in Net Assets	(26)	548		28	
<b>Ending Fund Balance</b>	<b>\$ 7,565</b>	<b>\$ 8,455</b>		<b>\$ 8,483</b>	

The Student Health Services at the Modesto A. Maidique Campus (MMC) and Biscayne Bay Campus (BBC) provide health, wellness, and mental health care services to students, who fund the operations through a health fee paid each semester. Services provided at no additional cost include routine medical exams, certain screenings, medical education, and counseling and disability services. Other clinical services, such as laboratory tests, immunization and pharmacy services, are available for a nominal fee. In FY 2015-16, clinical operations of Student Health Services transitioned to the FIU Health Care Network as part of a management agreement with Student Affairs.

**Financial Highlights**

FY 2017-18 operating revenues are \$0.2M less than projected due to lower than expected revenue from pharmacy operations at the Modesto A. Maidique Campus (MMC).

Forecasted operating expenses for FY 2017-18 are down by \$0.8M compared to budget due to multiple unfilled positions across both fee for service and clinical operations of Student Health, delays in planned infrastructure projects, and lower than expected expenses for Pharmacy operations.

The student health fee remains unchanged in FY 2018-19 at \$93.69 per semester. However, fully online students, regardless of Florida residency, are now assessed the student health fee. As a result, FY 2018-19 operating revenues are planned to increase by \$1.3M as compared to FY 2017-18 forecast. Telehealth options and services will be available for students who are not attending typical on premise courses.

FY 2018-19 operating expenses are higher by \$1.8M than FY 2017-18 forecast due to budgeting of currently vacant positions plus new positions and associated expenses to support mental health and wellness services funded by the additional revenue generated by assessing the student health fee against fully online students.

**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Other Auxiliaries**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 58,681</b>	<b>\$ 62,961</b>	<b>\$ 4,280</b>	<b>\$ 72,381</b>	<b>\$ 9,419</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	19,214	16,077	(3,136)	21,494	5,417
Other Personal Services (OPS)	2,211	1,837	(373)	1,951	114
Other Expenses	26,740	33,341	6,601	34,153	812
Operating Capital Outlay (OCO)	1,532	1,291	(242)	3,106	1,815
Debt Service Interest	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>49,696</b>	<b>52,546</b>	<b>2,850</b>	<b>60,704</b>	<b>8,158</b>
<b>Net Operating Income</b>	<b>8,985</b>	<b>10,415</b>	<b>1,430</b>	<b>11,677</b>	<b>1,262</b>
Investment Revenues	632	719	87	1,079	360
Principal Payment of Debt	-	-	-	-	-
Operational Transfers	(822)	(286)	536	(527)	(242)
Capital Expenditures	(5,560)	(802)	4,758	(12,578)	(11,777)
Third Party Transfers	-	-	-	-	(1)
Institutional Transfers	-	162	162	(13)	(175)
<b>Change in Net Assets</b>	<b>3,235</b>	<b>10,208</b>	<b>6,972</b>	<b>(362)</b>	<b>(10,574)</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	70,081	62,896		73,104	
Change in Net Assets	3,235	10,208		(362)	
<b>Ending Fund Balance</b>	<b>\$ 73,316</b>	<b>\$ 73,104</b>		<b>\$ 72,742</b>	

Other auxiliaries include activities which have the following revenue streams:

- Commission and rental earnings from food service, bookstore and retail operations managed by the Office of Business Services.
- Interdepartmental services such as publications, information technology and telecom, construction service reimbursement charges (CSR), and the auxiliary shared services fee. The shared services fee funds the pro-rata share of university-wide services indirectly benefitting auxiliary businesses (such as functions performed by legal, finance, human resources, police, etc.) along with funding special projects.
- Other auxiliary enterprises support marketing and sponsorship activities, such as the operations of the PantherTech computer store, South Beach Wine and Food Festival, alumni activities and miscellaneous university-wide initiatives.

**Financial Highlights**

FY 2017-18 forecasted favorable revenue variance of \$4.3M is driven mainly by greater sales at the Panther Tech computer store, higher than expected Division of Information Technology network and media services, greater than expected revenue from the South Beach Wine and Food Festival (SoBEWFF), and unbudgeted revenue generated by the Chaplin School of Hospitality and Tourism Management North Miami Brew Fest. These gains are partially offset by lower shared services fee collections because of lower forecasted auxiliary expenses, the lack of revenue share from the Bayview student housing public private partnership, and less than expected revenues generated from Business Services operations including food service, the bookstore, and vehicle services due to Hurricane Irma closures.

FY 2017-18 operating expenses are over budget by \$2.9M, mainly attributable to higher expenses in the Panther Tech computer store due to greater than anticipated sales, Division of Information Technology network and media services due to the unplanned purchase of software and hardware tied to classroom and conference room refreshes and network infrastructure improvements, Controller's unbudgeted technology and service improvement projects, and greater costs at South Beach Wine and Food Festival commensurate with greater revenues and more events. These overages are reduced, in part, by savings generated by Facilities and Construction Management due to a change in funding source, and Business Services related to food services and retail operations.

Capital expenditures for FY 2017-18 relate mainly to Graham Center renovations and maintenance, work by Business Services to food venues like the Tropical Smoothie Café, a new roadway at the Biscayne Bay Campus to the new surface parking lot being constructed by FIU Parking, and work on the Athletics softball and golf complex. Several planned projects did not occur in FY 2017-18, mainly in Business Services, resulting in a savings of \$4.8M as compared to budget.



**Florida International University**  
**Financial Summary**  
**Auxiliary Enterprises - Other Auxiliaries**

Projected revenues in FY 2018-19 increase by \$9.4M as compared to FY 2017-18 forecast. This increase is driven by anticipated Hurricane Irma reimbursements (partially offsetting capital expenditures), new auxiliary revenue from the recently acquired National Forensic Science and Technology Center (NFSTC), greater retail and food services revenue flowing through Business Services, greater auxiliary funded construction expenditures resulting in greater construction services fee revenue (CSR), and shared services fee collections corresponding with higher auxiliary expenses. These gains are offset, in part, by Vehicle Services and Division of Information Technology media and network services revenue.

FY 2018-19 operating expenses are up by \$8.1M as compared to the FY 2017-18 forecast. This increase is driven by several factors such as greater support from the shared services fee for Police Department and the Central Reservation Office, lease expenses associated with the recently acquired National Forensic Science and Technology Center (NFSTC), the reversion back to auxiliaries for construction management services, new initiatives with Controller's office like Procure to Pay, and greater costs in the Panther Tech computer store. These increases are offset by savings in Division of Information Technology media and network services auxiliaries as a result of purchases made in FY 2017-18 for hardware, maintenance projects, in addition to clients being billed directly for media technology hardware.

Capital expenditures in FY 2018-19 are related to the three-year emergency infrastructure hardening project and Hurricane Irma related damages which will be partially reimbursed.

**Florida International University  
Financial Summary  
Intercollegiate Athletics**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 27,213</b>	<b>\$ 27,522</b>	<b>\$ 309</b>	<b>\$ 26,971</b>	<b>\$ (551)</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	11,021	10,677	(344)	10,908	231
Other Personal Services (OPS)	916	853	(63)	934	81
Other Expenses	13,996	14,474	478	13,623	(851)
Operating Capital Outlay (OCO)	-	320	320	-	(320)
<b>Total Operating Expenses</b>	<b>25,933</b>	<b>26,325</b>	<b>392</b>	<b>25,466</b>	<b>(859)</b>
<b>Net Operating Income</b>	<b>1,280</b>	<b>1,197</b>	<b>(83)</b>	<b>1,505</b>	<b>308</b>
Investment Revenues	20	5	(15)	9	3
Operational Transfers	-	-	-	-	-
Capital Expenditures	-	(127)	(127)	-	127
Institutional Transfers	(1,864)	(1,865)	(1)	(1,825)	40
<b>Change in Net Assets</b>	<b>(564)</b>	<b>(790)</b>	<b>(227)</b>	<b>(311)</b>	<b>480</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	1,815	1,860		1,070	
Change in Net Assets	(564)	(790)		(311)	
<b>Ending Fund Balance</b>	<b>\$ 1,251</b>	<b>\$ 1,070</b>		<b>\$ 759</b>	

Intercollegiate Athletics is the functional area of the University responsible for team sports and their support activities. The principle revenue sources for this fund are a per credit hour and a per semester athletics fee charged to students excluding those admitted to fully online programs. The Athletics Stadium operations and its associated bonds are reflected in the Athletics Finance Corp., a Direct Support Organization (DSO).

**Financial Highlights**

FY 2017-18 revenues are \$0.3M greater than budget primarily due to greater than anticipated NCAA and conference revenue, greater ticket sales driven by FIU's successful football season and bowl game, and additional transfers of funding from the FIU Foundation, which are offsetting the loss of game guarantee revenue anticipated from FIU hosting Indiana University due to Hurricane Irma.

FY 2017-18 expenses are \$0.4M greater than budget. The unfavorable variance is due to Hurricane Irma related damages, which are pending reimbursement from FEMA or insurance proceeds, in addition to cost associated with relocating various FIU sports teams during the hurricane as well as unanticipated game guarantee payments as a result of replacing the cancelled Indiana University game with University of Massachusetts (UMASS).

Institutional transfers in FY 2017-18 consist primarily of payments to the FIU Athletics Finance Corp. of pledged revenues applied towards the payment of Stadium debt service payments and funding of the FIU marching band, offset by a transfer in from the School of Hospitality and Tourism Management for scholarships.

In FY 2018-19, revenues are projected to decrease by \$0.6M compared to FY 2017-18 forecast, driven by less transfers from the FIU Foundation to support capital projects. This decrease is partially offset by additional Athletics fee revenue associated with growth in student credit hour enrollment. Athletics Fees remain unchanged in FY 2018-19 at \$16.10 per credit hour and \$10 per semester.

Expenses in FY 2018-19 are decreasing by \$0.9M versus FY 2017-18 forecast as the result of less game guarantee payouts and the absence of Hurricane Irma one-time expenditures and planned infrastructure improvements projects.

Institutional transfers in FY 2018-19 consist primarily of payments to the FIU Athletics Finance Corp. of pledged revenues applied towards the payment of Stadium debt service payments and funding of the FIU marching band.

**Florida International University  
Financial Summary  
Activity and Service**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Forecast vs. Requested Budget</b>
<b>Operating Revenues</b>	<b>\$ 20,305</b>	<b>\$ 20,569</b>	<b>\$ 264</b>	<b>\$ 20,788</b>	<b>\$ 219</b>
<b>Expenses</b>					
Salaries and Benefits	8,699	7,811	(887)	9,230	1,419
Other Personal Services (OPS)	2,567	2,676	109	3,342	666
Other Expenses	9,304	8,676	(628)	8,462	(214)
Operating Capital Outlay (OCO)	-	56	56	7	(49)
<b>Total Operating Expenses</b>	<b>20,570</b>	<b>19,220</b>	<b>(1,350)</b>	<b>21,041</b>	<b>1,821</b>
<b>Net Operating Income</b>	<b>(265)</b>	<b>1,349</b>	<b>1,614</b>	<b>(253)</b>	<b>(1,602)</b>
Investment Revenues	-	-	-	-	-
Capital Expenditures	(1,455)	(1,522)	(67)	(555)	966
Institutional Transfers	168	173	5	167	(6)
<b>Change in Net Assets</b>	<b>(1,551)</b>	<b>0</b>	<b>1,552</b>	<b>(642)</b>	<b>(642)</b>
<b>Fund Balance</b>					
Beginning Fund Balance	7,076	7,073		7,073	
Change in Net Assets	(1,551)	0		(642)	
<b>Ending Fund Balance</b>	<b>\$ 5,524</b>	<b>\$ 7,073</b>		<b>\$ 6,431</b>	

The Activity and Service Fee fund is the student life component of the University which supports clubs, organizations, student centers and recreational sports for all campuses. The purpose of this activity is to provide students with the opportunity to enhance learning through co-curricular activities. The principle revenue source for this fund is a per credit hour activity and service fee charged to all students.

**Financial Highlights**

Forecast revenues in FY 2017-18 are above budget due to higher than anticipated activity and service fees due to higher student credit hour enrollment, \$0.2M, and higher Campus Life concert ticket sales revenues, \$0.1M.

FY 2017-18 forecasted expenses are \$1.4M lower than budget due to vacant positions, mainly in the student centers and Campus Life, delays in Student Government approved projects, and projects budgeted as other expenses but recorded under capital expenditures.

FY 2017-18 capital expenditures include the third and final installment for the indoor track at the Modesto A. Maidique campus Recreation Center, student government commitment for the intramural practice fields, and student center renovations including Graham Center renovation expenses budgeted as other expenses. The Biscayne Bay Campus outdoor recreation storage building renovation project was postponed until FY 2018-19.

The Activity and Service Fee remains unchanged at \$14.85 per credit hour for FY 2018-19. Revenues in FY 2018-19 are \$0.2M higher than FY 2017-18 forecast mainly due to increased student credit hour enrollment for undergraduate students.

Expenses in FY 2018-19 are \$1.8M higher than FY 2017-18 forecast due to the inclusion of currently vacant positions, mainly in the student centers and Campus Life, and the creation of several new positions (permanent and temporary) for the newly expanded Recreation Center at Modesto A. Maidique campus and to support student success.

Planned capital expenditures in FY 2018-19 decreased vs. forecast due to the completion of the Modesto A. Maidique campus Recreation Center indoor track and Graham Center renovation projects. Planned projects approved by Student Government include renovations to the Biscayne Bay outdoor recreation storage building, purchase and installation of Roary benches, and other smaller projects.

The fund balance is held as a reserve to cover unexpected repairs and building maintenance at the Wolfe University Center, Graham Center and both Modesto A. Maidique Campus and Biscayne Bay Campus Wellness and Recreation Centers.

**Florida International University  
Financial Summary  
Technology Fee**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 10,348</b>	<b>\$ 10,701</b>	<b>\$ 354</b>	<b>\$ 10,577</b>	<b>\$ (124)</b>
<b>Expenses</b>					
Salaries and Benefits	933	737	(196)	1,002	265
Other Personal Services (OPS)	308	342	35	633	291
Other Expenses	8,683	8,180	(503)	8,436	256
Operating Capital Outlay (OCO)	563	1,117	554	1,020	(97)
<b>Total Operating Expenses</b>	<b>10,486</b>	<b>10,376</b>	<b>(110)</b>	<b>11,091</b>	<b>715</b>
<b>Net Operating Income</b>	<b>(138)</b>	<b>325</b>	<b>463</b>	<b>(514)</b>	<b>(839)</b>
Investment Revenues	-	-	-	-	-
Capital Expenditures	-	(158)	(158)	(100)	58
Institutional Transfers	-	-	-	-	-
<b>Change in Net Assets</b>	<b>(138)</b>	<b>167</b>	<b>305</b>	<b>(614)</b>	<b>(781)</b>
<b>Fund Balance</b>					
Beginning Fund Balance	2,513	2,118		2,284	
Change in Net Assets	(138)	167		(614)	
<b>Ending Fund Balance</b>	<b>\$ 2,375</b>	<b>\$ 2,284</b>		<b>\$ 1,670</b>	

Technology fee revenues are 5% of resident base tuition. The fee revenues are used to enhance instructional technology resources for students and faculty. Project proposals are reviewed by the Technology Fee Committee which makes investment recommendations to the Provost for final approval. The Committee is composed of 12 members (6 students & 6 Faculty / Staff) from across the University.

**Financial Highlights**

Current projects include the renovation of classrooms and computer labs with state-of-the art technology, VIVO@FIU: A Student & Faculty Scholarly Networking and Discovery Platform, a Media Operations Center, upgrades to audio visual equipment, and wireless connection enhancements.

FY 2017-18 forecast revenues are above budget due to higher than anticipated student credit hour enrollment.

Operating expenditures for FY 2017-18 are \$0.1M lower than budgeted driven by unfilled positions offset by higher operating capital outlay (OCO). Expenditures budgeted in Other Expenses were actually incurred under OCO.

FY 2017-18 unbudgeted capital expenditures reflect the cost of technology infrastructure buildouts mostly associated with a Manufacturing Lab in the College of Engineering and Computer Science, an Integrated Communication and Journalism Newsroom, and the Digital Scholar Studio.

The Technology Fee remains unchanged at 5% of tuition per credit hour, however, the FY 2018-19 revenues are down as compared to FY 2017-18 forecast due to lower anticipated student credit hour enrollment.

Operating expenses in FY 2018-19 are \$0.7M greater than FY 2017-18 forecast due to a greater number of new and multi-year projects that are already underway or will be commencing in FY 2018-19.

**Florida International University  
Financial Summary  
Board Approved Fees**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 409</b>	<b>\$ 373</b>	<b>\$ (36)</b>	<b>\$ 420</b>	<b>\$ 46</b>
<b>Expenses</b>					
Salaries and Benefits	-	-	-	-	-
Other Personal Services (OPS)	-	-	-	-	-
Other Expenses	402	373	29	414	(41)
Operating Capital Outlay (OCO)	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>402</b>	<b>373</b>	<b>29</b>	<b>414</b>	<b>(41)</b>
<b>Net Operating Income</b>	<b>7</b>	<b>-</b>	<b>7</b>	<b>6</b>	<b>6</b>
Investment Revenues	-	-	-	-	-
Capital Expenditures	-	-	-	-	-
Institutional Transfers	-	-	-	-	-
<b>Change in Net Assets</b>	<b>7</b>	<b>-</b>	<b>(7)</b>	<b>6</b>	<b>6</b>
<b>Fund Balance</b>					
Beginning Fund Balance	31	30		30	
Change in Net Assets	7	-		6	
<b>Ending Fund Balance</b>	<b>\$ 37</b>	<b>\$ 30</b>		<b>\$ 36</b>	

Board Approved Fees are fees specific to the University and have been approved by the Board of Governors. This fee currently consists of the Florida Bar Test Preparation Fee.

Only those students in certain programs where licensing to practice requires successful completion of an examination and where FIU provides this preparation through a third party vendor are charged the fee. Only students in the College of Law are required to pay the fee.

The purpose of the test preparation fee is to increase accessibility to test preparation courses in programs where students are expected to obtain specific preparation for a practice-based examination. By making the test preparation a required activity in the final semester of the program, the fee will be part of the cost of attendance and thus eligible for financial aid.

**Financial Highlights**

FY 2017-18 revenue is less than budget due to the timing of law students reaching 3L (third-year law student) status. Revenue for FY 2018-19 is greater than forecast due to more law students reaching 3L status, including those that did not reach 3L status as planned in FY 2017-18.

FY 2017-18 expenses (pass-thru payments to third-party vendors only incurred when students register for bar prep courses after graduation) are lower than budget due to timing of payments to the bar prep course vendors. FY 2018-19 expenses are greater than FY 2017-18 forecast and reflect an increase in projected number of students taking bar prep courses.

**Florida International University  
Financial Summary  
Contracts & Grants**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 127,346</b>	<b>\$ 147,935</b>	<b>\$ 20,589</b>	<b>\$ 159,342</b>	<b>\$ 11,407</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	64,780	73,314	8,535	81,290	7,976
Other Personal Services (OPS)	15,581	17,817	2,236	17,345	(471)
Other Expenses	40,287	47,741	7,454	49,423	1,682
Operating Capital Outlay (OCO)	2,138	2,970	832	2,590	(380)
Debt Service Interest	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>122,785</b>	<b>141,842</b>	<b>19,057</b>	<b>150,648</b>	<b>8,806</b>
<b>Net Operating Income</b>	<b>4,561</b>	<b>6,093</b>	<b>1,533</b>	<b>8,695</b>	<b>2,602</b>
Investment Revenues	-	306	306	-	(306)
Principal Payment of Debt	-	(238)	(238)	(484)	(246)
Capital Expenditures	-	479	479	(750)	(1,229)
Third Party Transfers	-	-	-	-	-
Institutional Transfers	(461)	410	870	456	46
<b>Change in Net Assets</b>	<b>4,100</b>	<b>7,050</b>	<b>2,950</b>	<b>7,917</b>	<b>868</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	8,527	7,629		14,679	
Change in Net Assets	4,100	7,050		7,917	
<b>Ending Fund Balance</b>	<b>\$ 12,627</b>	<b>\$ 14,679</b>		<b>\$ 22,596</b>	

Contracts and grants include sponsored research, public service and training activities, incidental non-research initiatives, and direct support organization (DSO) reimbursements.

Sponsored research revenues are derived from federal, state, local and private sources in support of the sponsored programs of the University. The use of these funds is restricted to the specific purpose for which they are awarded. Sponsored research awards are comprised of direct costs and facilities & administrative (F&A) costs. Direct costs are those costs directly related to research projects such as the salaries and benefits of researchers and supplies, while F&A costs represent the University's overhead costs, which are not directly allocable to a specific project such as administrative functions, utilities, etc.

Expenditure levels of the Office of Research and Economic Development (ORED) administration are driven by the University's direct research expenditures and the associated F&A cost recovery. F&A cost recovery derived from sponsored research projects supports the administrative costs of sponsored research and provides funding to deans, department chairs, and faculty in support of research.

Incidental non-research activities receive revenue from external sources in exchange for goods or services.

DSO Reimbursements are revenues received from the University's 501c3 Direct Support Organizations and the FIU Health Care Network, which exist solely to support the University's mission.

**Financial Highlights**

The federally negotiated F&A cost reimbursement rate for on-campus research has increased to 46.5%.

Since state and other private sponsors often reimburse for FIU overhead at a lower rate than the federally negotiated rate, the FY 2017-18 forecasted actual recovery rate is 19.9%. The projected FY 2018-19 effective F&A return on sponsored projects is \$21.8M, which is equivalent to a blended rate of 20.3%.

**Florida International University**  
**Financial Summary**  
**Contracts & Grants**

FY 2017-18 favorable revenue variance of \$20.6M to FY 2017-18 plan is primarily driven by greater sponsored research revenue and by incidental revenues from the College of Medicine clinical services due to a higher demand for services. Sponsored Research revenues are higher than budget due to greater federal and state sponsored activity in addition to the recent acquisition of the National Forensic Science Technology Center (NFSTC). Overall, the favorable variance in incidental external contracts and sponsored research is partially offset by less than expected DSO reimbursements, mainly delays in hiring for the capital campaign, and lower revenue generated from College of Medicine executive medical administration contract.

FY 2017-18 expenditures are \$19.1M greater than budget mainly due to greater spending on sponsored research projects commensurate with greater federal and state sponsored revenues in addition to the recent acquisition of the National Forensic Science Technology Center (NFSTC). These overages are offset, in part, by less DSO Reimbursement spending related to the capital campaign, less expenses related to the College of Medicine Neighborhood Help program, Leon Geriatrics, and the Wertheim Education Endowment.

FY 2018-19 revenue is \$11.4M greater than FY 2017-18 forecast. This increase is mainly driven by the impact of the National Forensic Science and Technology Center driving higher research revenue from federal and state sponsored projects, additional DSO reimbursement revenue driven by the NTA Conference grant to the Athletics Opportunity Fund to support FIU athletes in need of emergency travel, summer school, and medical bills, and a shift in funding for staffing for the capital campaign. This positive variance is offset by a decline in DSO reimbursements for the Police Department due to a fluctuation in non-FIU events, lower incidental revenue for the College of Medicine Neighborhood Help Program Collaboration, and a decrease in faculty for the Baptist Surgery and West Kendall Baptist rotation programs, among other clinical operations.

FY 2018-19 expenditures are \$8.8M greater than FY 2017-18 forecast. This increase is mainly due to increased federal and state sponsored research expenditures and greater DSO and incidental contract reimbursements costs driven by planned increases of faculty and staff in various College of Medicine external contracts, such as the Executive Medical Administration and the Citrus Health Network, among other professional services and clinical operating expenses. In addition, a shift in funding for staffing in support of the capital campaign, and a growth of operating expenses and professional services for the Center for Internet Augmented Research and Assessment (CIARA) have also contributed to the greater expenses as compared to forecast. These expenses are offset, in part, by a decrease in operating expenses of the Wolfsonian Museum and the Jewish Museum of Florida.

ORED will apply 46.6% of F&A collected to directly support research at the University, which includes areas outside of ORED that directly support research activity such as the Controller's office, Environmental Health and Safety (EH&S), Internal Audit, and the Applied Research Center (ARC), as well as returning F&A to colleges, centers, and Principal Investigators (PI's). The remaining 53.4% of the \$21.8M in F&A projected to be generated in FY 2018-19 will support ORED internal operations including the Innovation and Economic Development Unit.

FY 2018-19 capital expenditures represent a transfer to Facilities for renovations to the fourth floor of the Management and Advanced Research Center (MARC) building.

**Florida International University  
Financial Summary  
Student Financial Aid**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>\$ 163,425</b>	<b>\$ 203,069</b>	<b>\$ 39,644</b>	<b>\$ 211,666</b>	<b>\$ 8,597</b>
<b>Expenses</b>					
Salaries and Benefits	2,177	2,006	(172)	2,376	371
Other Personal Services (OPS)	2,079	2,162	83	2,819	657
Other Expenses	159,374	199,183	39,809	207,238	8,055
Operating Capital Outlay (OCO)	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>163,630</b>	<b>203,351</b>	<b>39,720</b>	<b>212,433</b>	<b>9,083</b>
<b>Net Operating Income</b>	<b>(206)</b>	<b>(282)</b>	<b>(77)</b>	<b>(767)</b>	<b>(485)</b>
Investment Revenues	129	120	(9)	182	61
Institutional Transfers	-	9	9	-	(9)
<b>Change in Net Assets</b>	<b>(76)</b>	<b>(153)</b>	<b>(78)</b>	<b>(586)</b>	<b>(432)</b>
<b>Fund Balance</b>					
Beginning Fund Balance	6,421	4,482		4,329	
Change in Net Assets	(76)	(153)		(586)	
<b>Ending Fund Balance</b>	<b>\$ 6,345</b>	<b>\$ 4,329</b>		<b>\$ 3,743</b>	

Student Financial Aid is the area of the University responsible for administering Financial Aid to students. It is comprised of funding from student financial aid fees (5% of base tuition and out-of-state fee), support from federal and state financial aid awards, institutional programs, as well as numerous donor-related and private scholarships.

**Financial Highlights**

The increase of \$39.6M in FY 2017-18 revenues vs. plan is primarily due to a higher than anticipated allocations from the state, Florida Student Assistance Grant (FSAG), \$12.8M, Bright Futures, \$6.8M, and First Generation Matching Grant (FGMG), \$2.4M, and from the federal government for Pell awards, \$15.4M. The increase in FSAG and FGMG allocations represents the recently determined FIU share of the higher appropriation and 2:1 matching approved by the 2017 legislature, respectively. More students are receiving Pell and Bright Futures awards and Bright Futures disbursements per student are higher than projected as not all cohorts were budgeted at the new, higher Bright Futures Florida Academic Scholar amount approved by the 2017 legislature. Additionally, private and donor-related scholarships increased by \$2.0M. The \$39.7M increase in FY 2017-18 forecast expenses vs. budget is driven by the same factors as revenues.

Revenue projections for FY 2018-19 are \$8.6M higher than FY 2017-18 forecast. An increase in the maximum Pell Grant award of \$175 to \$6,095 and year-round awards (Fall, Spring, and Summer) result in an additional \$4.6M of revenue. Bright Futures Scholarships revenues are \$6.3M greater than FY 2017-18 forecast as the 2018 legislature changed the coverage for Medallion Scholars from \$77 per credit (approximately 37%) to 75% of tuition and fees and also includes funding for summer semesters. These are offset by lower institutional scholarships, (\$2.6M) aligned with a shift in enrollment strategy, and the absence of one-time donor-related scholarships received in FY 2017-18, (\$0.4M). FY 2018-19 expenses are \$9.1M higher than FY 2017-18 forecast and reflect the changes described above for revenues; additionally, \$0.6M of investment earnings and financial aid administration fund balances are being utilized for scholarships and financial aid administrative expenses, respectively.

OPS expenses include Federal Work Study. The department match of 25% of the award, using departmental funding sources, continues into FY 2017-18; the match offsets award obligations after federal funding cuts in a prior year.

Student Financial Aid includes institutional aid revenues, which are derived from financial aid fees to students (net of administrative costs), 30% allocation of tuition differential fees collected by Florida statute, University strategic allocations, and E&G tuition allocations. FY 2018-19 budgeted institutional aid revenue of \$41.1M is projected to decrease by \$2.6M vs. FY 2017-18 budget, mainly due to a shift in enrollment strategy.



**Florida International University  
Financial Summary  
Concessions**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Operating Revenues</b>	<b>940</b>	<b>837</b>	<b>(103)</b>	<b>883</b>	<b>46</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	-	-	-	-	-
Other Personal Services (OPS)	-	0	0	-	(0)
Other Expenses	940	663	(277)	883	220
Operating Capital Outlay (OCO)	-	-	-	-	-
<b>Total Operating Expenses</b>	<b>940</b>	<b>663</b>	<b>(277)</b>	<b>883</b>	<b>220</b>
<b>Net Operating Income</b>	<b>-</b>	<b>174</b>	<b>174</b>	<b>-</b>	<b>(174)</b>
Investment Revenues	-	-	-	-	-
Institutional Transfers	-	-	-	-	-
<b>Change in Net Assets</b>	<b>-</b>	<b>174</b>	<b>174</b>	<b>-</b>	<b>(174)</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	1,365	1,329		1,503	
Change in Net Assets	-	174		-	
<b>Ending Fund Balance</b>	<b>\$ 1,365</b>	<b>\$ 1,503</b>		<b>\$ 1,503</b>	

The Concessions fund contains all the commission based revenues from beverage and pouring, snack vending as well as student housing laundry machines. The commission revenues are used to support the purchase of food and refreshment items at university-wide events, faculty and staff recruitment, commencements, training, lecture series, board of trustees, student housing socials and convocation events.

**Financial Highlights**

The beverage pouring and vending contract with Pepsi provides an annual amount for sponsorship in addition to commissions on product sales. Pepsi provides an annual sponsorship for exclusive pouring rights over the life of the contract. The Concessions fund will receive \$328K of Pepsi sponsorship revenue in FY 2018-19.

The decrease in forecast revenues for FY 2017-18 represents a decline in beverage (22%) and snack sales (15%) against projections due to lower demand for vending products coupled with lost sales due to credit card reader issues and the university closure due to Hurricane Irma. The favorable variance in expenses represents unspent vending contingencies, savings in utilities, repairs and maintenance in vending operations, and unallocated revenues.

The modest increase in revenues for FY 2018-19 vs. FY 2017-18 forecast is driven by 8% higher projected vending sales, prior year card reader issues resolved, and 16% higher laundry commissions due to anticipated higher demand. FY 2018-19 expenses are expected to increase vs. FY 2017-18 forecast as incremental revenues and prior year savings are allocated in support of university-wide events and vending operations.

**Florida International University  
Financial Summary  
FIU Athletics Finance Corp.**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Total Revenues</b>	<b>\$ 3,885</b>	<b>\$ 3,641</b>	<b>\$ (244)</b>	<b>\$ 3,760</b>	<b>\$ 119</b>
<b>Expenses</b>					
Salaries and Benefits	-	-	-	-	-
Other Personal Services (OPS)	-	-	-	-	-
Other Expenses	825	844	19	820	(24)
Operating Capital Outlay (OCO)	-	-	-	-	-
Net Unrealized Investment Loss	-	(20)	(20)	-	20
Debt Service Interest	1,307	548	(760)	616	68
<b>Total Operating Expenses</b>	<b>2,132</b>	<b>1,372</b>	<b>(760)</b>	<b>1,436</b>	<b>64</b>
<b>Net Operating Income</b>	<b>1,753</b>	<b>2,269</b>	<b>516</b>	<b>2,324</b>	<b>55</b>
Principal Payment of Debt	(1,150)	(1,150)	-	(1,825)	(674)
Operational Transfers	(700)	(460)	240	(499)	(38)
<b>Change in Net Assets</b>	<b>(97)</b>	<b>659</b>	<b>756</b>	<b>-</b>	<b>(659)</b>
<b>Net Assets</b>					
Beginning Net Assets	5,730	6,114		6,774	
Change in Net Assets	(97)	659		-	
<b>Total Net Assets</b>	<b>\$ 5,633</b>	<b>\$ 6,774</b>		<b>\$ 6,774</b>	

The Athletics Finance Corp serves as the entity to finance and operate the FIU Football Stadium. Primary sources of revenues are transferred into the AFC from the University's Athletics Department and include beverage vending and pouring contract support, naming rights, premium suite and ticket revenues and a percentage of athletic student fees (per statute 1010.62). These revenue streams are pledged for the annual debt service associated with the Stadium's construction costs.

**Financial Highlights**

FY 2017-18 revenue is forecasted to be \$0.2M less than budget mainly due to less than anticipated sales of season tickets and concessions sales and the loss of rental income from Miami FC soccer team not having a spring season this year.

FY 2017-18 operating expenses are less than budget by \$0.8M mainly driven by lower than budgeted debt service interest payment which is based on the new amortization schedule as a result of refinancing. Increased football game security costs and other game day related expenses partially offset the favorable variance.

FY 2017-18 operational transfers represent conference revenue reserves transferred to the University to support athletics operations; they are lower than budget by \$0.2M due to the lower revenue forecast in FY 2017-18.

FY 2018-19 revenues are projected to be \$0.1M greater than current year forecast due to an overall increase in football ticket sales and corresponding increase in demand for concessions as a result of one more home game this upcoming football season. Lower rental income, due to the absence of Miami FC soccer team games this coming Fall, partially offsets this favorable variance.

FY 2018-19 expenses are slightly higher than forecast due to a higher debt service interest payment as a result of a remodification of the existing debt.

FY 2018-19 operational transfers of \$0.5M represent the return of conference revenue reserves to the University from the Athletics Finance Corp. to support athletics operations.

Florida International University  
Financial Summary  
FIU Foundation Inc.

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>REVENUES:</b>					
<u>Contributions:</u>					
Endowments	\$ 5,713	\$ 5,004	\$ (709)	\$ 6,266	\$ 1,262
Scholarships & Programs (Non-Endowed)	19,480	17,825	(1,655)	21,294	3,469
Building Funds	4,151	6,132	1,980	2,168	(3,964)
Annual Fund	1,063	842	(221)	1,256	414
Pledged Revenue	-	-	-	-	-
Total Contributions	30,407	29,803	(604)	30,985	1,182
<u>Other Revenues:</u>					
MARC Building - Rental Income	1,687	1,731	45	1,673	(58)
Foundation Enterprise Holdings I	205	222	18	211	(12)
Foundation Enterprise Holdings II	69	14	(56)	7	(6)
Foundation Enterprise Holdings III	-	-	-	-	-
Foundation Enterprise Holdings IV	20	-	-	-	-
Foundation Enterprise Holdings V	-	-	(20)	-	-
Estimated Investment Returns	11,968	17,704	5,737	16,886	(817)
Total Other revenues	13,948	19,672	5,723	18,777	(895)
<b>Total Revenues</b>	<b>44,355</b>	<b>49,475</b>	<b>5,121</b>	<b>49,762</b>	<b>287</b>
<b>EXPENSES:</b>					
<u>University Programs:</u>					
Scholarships & Programs	21,611	25,237	3,626	23,000	(2,237)
Building Funds	1,750	368	(1,382)	2,000	1,632
Annual Fund	-	-	-	-	-
Total University programs	23,361	25,605	2,244	25,000	(605)
<u>Operational:</u>					
MARC Building	471	502	30	506	5
Foundation Enterprise Holdings I	188	175	(12)	189	14
Foundation Enterprise Holdings II	60	65	5	60	(5)
Foundation Enterprise Holdings III	0	1	0	-	(1)
Foundation Enterprise Holdings IV	18	22	3	-	(21)
Foundation Enterprise Holdings V	-	3	3	1,388	1,386
Administrative Reserve	-	-	-	-	-
General Reserve	-	-	-	-	-
Administrative & Fund-Raising	9,272	8,558	-	9,954	682
Total Operational Expenditures	10,008	9,325	(684)	12,097	2,772
<b>Total Operating Expenses</b>	<b>33,369</b>	<b>34,930</b>	<b>1,561</b>	<b>37,097</b>	<b>2,168</b>
<b>Net Operating Income</b>	<b>\$ 10,984</b>	<b>\$ 14,545</b>	<b>\$ 3,560</b>	<b>\$ 12,664</b>	<b>\$ (1,880)</b>

Notes: Pending Foundation Board of Directors approval.

**Financial Highlights**

**Revenues:**

**Cash contributions** for FY 2018-19 budget is comprised of pledge payments on existing receivables, cash installments on expected new pledges, and outright cash gifts to the Foundation. The breakdown of the \$31.1M in expected cash contributions are as follows: 20% endowed, 69% non-endowed, 7% for buildings, and 4% unrestricted is annual revenues.

Florida International University  
Financial Summary  
FIU Foundation Inc.

**MARC building rental income** is projected to be \$1.7M (\$24.89/square foot) for FY 2018-19, which is a less than a 1% decrease over prior year. Tenants of the MARC building include the Office of Research & Economic Development, FIU Online, University Graduate School, Office of the Treasurer, University Advancement, FIU Foundation, and Florida Power & Light. The revenue budget includes a 10% vacancy rate.

**Foundation Subsidiaries** represent the operating budgets of several properties acquired since 2011, and which are included in the Foundation budget.

*Foundation Enterprise Holdings I* is a wholly-owned subsidiary of the Foundation consisting of 5,353 square feet of commercial real-estate on Washington Avenue on Miami Beach. Budgeted revenues for FY 2018-19 include rental income from three building tenants, common area maintenance (CAM); a vacancy rate of 10% has been built into the budget.

*Foundation Enterprise Holdings II* is a single member LLC currently holding the Jewish Museum of Florida-FIU (JMOF). Budgeted revenues in FY 2018-19 of \$7K are derived from plant operations and maintenance and transfers made from the JMOF projects in the FIU Foundation to support building expenses.

*Foundation Enterprise Holding III* is a single member LLC currently holding real property located on 100 East Flagler Street. In January 2016, the Foundation Board of Directors authorized the sale of the asset, with the proceeds to be used for the Wolfsonian capital expansion plan. The property was sold in October 2016. There is no activity planned for FY 2018-19.

*Foundation Enterprise Holdings IV* (FEH IV) is a single member LLC currently holding real property in Islamorada that supports the Aquarius Reef Base project.

*Foundation Enterprise Holdings V* (FEH V) is a single member LLC currently holding real property which was gifted in October 2017 and located at 11800 N.W. 41 Street, Doral, Florida. The property was transferred to Foundation Enterprise Holdings V, a single member LLC with the FIU Foundation as its sole member.

**Investment returns** for FY 2018-19 are projected at 6.0% or \$16.9M (net of fees) and assume a \$282M beginning market value and net cash flows into the portfolio consistent with budgeted cash receipts and expenses. The Foundation is forecasting a 6.2% or \$16.8M based on fiscal year to date investments as of April 30, 2018.

**Expenses:**

**Scholarships and Programs** expenses for FY 2018-19 are increasing by 6.4% over FY 2017-18 budget and are budgeted at \$23.0M. Scholarships and programs in the Herbert Wertheim College of Medicine, College of Business, College of Engineering & Computing, Chaplin School of Hospitality & Tourism Management, The Wolfsonian-FIU, and Nicole Wertheim College of Nursing and Health Sciences account for 54% of the total Scholarships and Programs expense budget.

**Donated building funds** proceeds of \$2.0M, which is 15% more than the current year budget, have been requested to cover \$1.0M for the World of Tropical Botany Building (also known as the Kampong Building) and \$1.0M for the Steven J. Green School of International & Public Affairs.

**MARC building** expenses are expected to total approximately \$0.5M in FY 2018-19, which represents a 7.5% increase relative to the current year budget. Budgeted expenses for the MARC building include utilities, repairs and maintenance, custodial services, interest on loan, insurance for the building, overhead and bank fees. It should be noted that the budget does not include the payment for the principal portion of the note payable due in FY 2018-19 of \$865K.

**Foundation Enterprise Holdings** expenses reflect customary costs related to owning commercial real estate including management fees, replacement reserve, bank fees, repairs and maintenance, other building costs, and real estate taxes. In FY 2018-19, expenses related to the Washington Avenue Properties have been budgeted at \$189K, Jewish Museum of Florida-FIU at \$60K, and recently created Doral Property (FEH V) at \$1.4M primarily for environmental remediation.

**Florida International University  
Financial Summary  
FIU Health Care Network**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Total Revenues</b>	<b>\$ 7,247</b>	<b>\$ 8,097</b>	<b>\$ 850</b>	<b>\$ 8,122</b>	<b>\$ 25</b>
<b>Expenses</b>					
Salaries and Benefits	2,201	2,236	35	2,437	200
Other Personal Services (OPS)	-	-	-	-	-
Other Expenses	3,002	3,151	148	3,162	12
Operating Capital Outlay (OCO)	-	-	-	-	-
Debt Service Interest	161	161	(0)	154	(6)
<b>Total Operating Expenses</b>	<b>5,364</b>	<b>5,548</b>	<b>183</b>	<b>5,753</b>	<b>206</b>
<b>Net Operating Income</b>	<b>1,882</b>	<b>2,549</b>	<b>667</b>	<b>2,369</b>	<b>(180)</b>
Institutional Transfers	(774)	(1,257)	(484)	(1,220)	38
<b>Change in Net Assets</b>	<b>1,109</b>	<b>1,292</b>	<b>184</b>	<b>1,149</b>	<b>(143)</b>
<b>Net Assets</b>					
Beginning Net Assets	2,828	2,975		4,267	
Change in Net Assets	1,109	1,292		1,149	
<b>Total Net Assets</b>	<b>\$ 3,936</b>	<b>\$ 4,267</b>		<b>\$ 5,416</b>	

The FIU Health Care Network (HCN) serves as the entity for the collection and administration of income generated from the University's clinical operations. Pursuant to Florida Board of Governors regulation 9.017 governing SUS Faculty Practices, the distribution of all faculty practice funds will be for the improvement and support of the mission of FIU.

HCN provides management and staffing (non-clinical staff only) services to support clinical operations, including Student Health Services, throughout the University. The budget reflects the management services portion provided by HCN and does not include clinical services.

**Financial Highlights**

FY 2017-18 forecast revenue is higher than expected by \$0.9M. It is mainly driven by increased enrollment in the College of Medicine international student (OIA) educational programs and additional program related fees. Unbudgeted revenue from IMAMU international conference also contributes to the favorable variance.

FY 2017-18 forecast operating expenses are \$0.2M greater than budget. The increased enrollment in the international student programs has given rise to higher contracted services for preceptors and affiliates.

HCN revenue in FY 2018-19 is in line with FY 2017-18 forecast. The expected enrollment for the OIA programs is estimated to be the same as current fiscal year to reflect the possible impact of changes in the visa policy for international students.

FY 2018-19 operating expenses are \$0.2M greater than FY 2017-18 forecast driven mainly due to vacancies in FY 2017-18 anticipated to be filled in FY 2018-19, university-wide salary and benefit increases, and higher rent and WiFi costs for Broward clinics.

Institutional transfers represent cash transfers, generated by HCN's positive change in net assets from the OIA educational programs, to the University in support of clinical operations in the Faculty Group Practice.

**Florida International University  
Financial Summary  
FIU Self-Insurance Program**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Total Revenues</b>	<b>\$ 500</b>	<b>\$ 303</b>	<b>\$ (198)</b>	<b>\$ 500</b>	<b>\$ 198</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	-	-	-	-	-
Other Personal Services (OPS)	-	-	-	-	-
Expense (Admin. & Overhead)	-	-	-	-	-
Operating Capital Outlay (OCO)	-	-	-	-	-
Incurred But Not Reported	500	124	(376)	500	376
Contingent Liability Expense					
<b>Total Operating Expenses</b>	<b>500</b>	<b>124</b>	<b>(376)</b>	<b>500</b>	<b>375</b>
<b>Net Operating Income</b>	<b>-</b>	<b>179</b>	<b>179</b>	<b>-</b>	<b>(177)</b>
Investment Earnings	-	-	-	-	(0)
Institutional Transfer	-	-	-	-	(0)
<b>Change in Net Assets</b>	<b>-</b>	<b>179</b>	<b>179</b>	<b>-</b>	<b>(177)</b>
<b><u>Fund Balance</u></b>					
Beginning Fund Balance	192	-		179	
Change in Net Assets	-	179		-	
<b>Ending Fund Balance</b>	<b>\$ 192</b>	<b>\$ 179</b>		<b>\$ 179</b>	

The Self-Insurance Program has been established by the Florida Board of Governors regulation 10.001 to provide professional liability protection to the Florida Board of Governors, the FIU Board of Trustees, and other authorized entities and individuals. The Self-Insurance Program (SIP) entity serves to record the activities associated with the Self-Insurance Program and is subject to oversight by the SIP Council.

The SIP includes coverage for the clinical activities of the Colleges of Medicine, Nursing, and University Health Services. Revenues include funding for premium contributions, claims, and insurance premiums directly associated with the SIP. In addition, provisions are made for administrative expenses primarily for the University of Florida as the SIP administrator.

**Financial Highlights**

FY 2017-18 revenue is \$0.2M less than budget due to less investment earnings and transfers required to cover anticipated premium costs.

FY 2017-18 forecast operating expenses are \$0.4M less compared to budget due to lower than expected payouts, premiums, and management costs.

FY 2018-19 budgeted revenues mirror operating expenses.

FY 2018-19 operating expenses are based on current estimates since the SIP Council has not approved premiums for FY 2018-19.

Florida International University  
Financial Summary  
FIU Research Foundation, Inc.

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
<b>Total Revenues</b>	<b>\$ 30</b>	<b>\$ 10</b>	<b>\$ (20)</b>	<b>\$ 25</b>	<b>\$ 15</b>
<b><u>Expenses</u></b>					
Salaries and Benefits	-	-	-	-	-
Expense	24	22	(2)	21	(1)
Debt Service Interest	-	-	-	-	-
<b>Total Expenditures</b>	<b>24</b>	<b>22</b>	<b>(2)</b>	<b>21</b>	<b>(1)</b>
<b>Net Operating Income</b>	<b>6</b>	<b>(12)</b>	<b>(18)</b>	<b>4</b>	<b>16</b>
Principal Payment of Debt	-	-	-	-	-
Unrealized Gains & Losses	-	-	-	-	-
Institutional Transfers	-	-	-	-	-
<b>Change in Net Assets</b>	<b>6</b>	<b>(12)</b>	<b>(18)</b>	<b>4</b>	<b>16</b>
<b><u>Net Assets</u></b>					
Beginning Net Assets	149	132		120	
Change in Net Assets	6	(12)		4	
<b>Total Net Assets</b>	<b>\$ 155</b>	<b>\$ 120</b>		<b>\$ 123</b>	

The FIU Research Foundation serves as an agent with respect to special grants awarded to the University. These activities and the entire amount of the grant is recognized by FIU in the Sponsored Research Development Trust Fund and is not in the budget above.

**Financial Highlights**

FY 2017-18 revenue funding comes from royalty income, which was lower than anticipated and entirely from the Triangle Transit Agreement.

FY 2017-18 operating expenses include audit and accounting fees and professional services related to research development, technology management, and commercialization.

FY 2018-19 projected revenues are expected to come from royalty income for technology management, commercialization, and research development efforts and are higher than FY 2017-18 forecast due to new agreements in addition to the existing Triangle Transit Agreement.

FY 2018-19 projected operating expenses are for audit and accounting fees, foreign country ventures, and professional services related to research development, technology management, and commercialization activities and are declining slightly versus FY 2017-18 forecast as less international grants are flowing through the FIU Research Foundation.

**Florida International University**  
**Financial Summary**  
**University Support to Direct Support Organizations**

	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
University Employees providing Personal Services to DSO's, <i>FTE</i>		-		137.3	-
<b><u>Personal Services Expenses*</u></b>					
University Support		-		8,315	-
Reimbursed by DSO's		-		6,870	-
<b>Total Personal Services Expenses</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,184</b>	<b>\$ -</b>
Square feet of Space*		-		15.1	-
* (in thousands)					

Under Florida Statute 1004.28(3)(b), the University Board of Trustees (BOT) is authorized to permit the use of university property, facilities, and personal services by a university direct support organization (DSO). Additionally, the BOT must set by rule any conditions with which a DSO must comply in order to use property, facilities, and personal services of the university. The rules provide for budget and audit review and oversight by the BOT.

The schedule above reflects the anticipated use of university property, facilities, and personal resources by the DSO's. The cost of personal services provided by the university is partially reimbursed by the DSO's and includes full-time and part-time personnel.

**Financial Highlights**

In FY 2018-19, the university plans to provide \$15.2M or 137.3 FTE of personal services, \$6.9M of which will be reimbursed by DSO's. These resources will utilize approximately 15,100 square feet of space, valued at \$375K.



**Florida International University**  
**Financial Summary**  
**University Support to Direct Support Organizations (Continued)**

**FY 2018-19 - University Employees providing Personal Services to DSO's**

<b><u>Position Title</u></b>	<b><u>FTE</u></b>	<b><u>Position Title</u></b>	<b><u>FTE</u></b>
<b>Administrative</b>		<b>Administrative (continued)</b>	
Account Manager	1.0	Professional Accountant 2	3.0
Accounting Specialist	1.0	Program Director	1.0
Alumni Relations Coordinator	2.0	Prospect Researcher	3.0
Annual Giving Coordinator	1.0	Senior Account Manager	1.0
Annual Giving Manager	1.0	Senior Development Officer	3.0
Annual Giving Officer	2.0	Senior Project Manager	1.0
Assistant Controller	1.0	Special Assistant To	1.0
Assistant Director of Finance	1.0	Sr Content Managing Editor	1.0
Assoc Director Alumni Rel	3.0	Sr Coordinator Admin Services	5.0
Assoc Director Annual Giving	1.0	Sr Dir Administrative Svcs	1.0
Assoc Director of Development	1.0	Sr Director Alumni Relations	1.0
Assoc. VP Adv./Alumni Affairs	4.0	Sr Director of Development	2.0
Associate Controller	1.0	Sr Prospect Mgmt Analyst	2.0
Associate General Counsel	0.3	Sr. VP Advancement	1.0
Asst Director Alumni Rel	1.0		
Asst Director Annual Giving	1.0	<b>Faculty</b>	
Asst. VP Advance./Alumni Aff.	2.0	Faculty Administrator	0.2
BI Data Warehouse Arch III	1.0		
Business Intelligence Dev II	1.0	<b>Staff</b>	
College Department IT Director	1.0	Accounting Specialist	2.0
Content Strategist	1.0	Administrative Assistant	1.0
Coordinator Admin. Services	9.5	Coordinator Admin. Services	1.0
Data Management I	1.0	Gift Services Specialist	3.0
Data Management II	1.0	Sr. Administrative Assistant	1.0
Development Officer	1.0		
Dir Alumni Relations Central	1.0	<b>Temporary Employees</b>	
Dir Alumni Relations Unit	2.0	Temporary Employees - Non Student	3.8
Dir Donor Stewardship Central	1.0	Graduate & Student Assistants	8.5
Dir Estate and Planned Giving	1.0		
Dir Marketing & Communications	1.0		
Dir of Development Central	2.0		
Dir of Development CFR	3.0		
Dir of Development Unit	8.0		
Dir Research Prospect Mgmt	1.0		
Director Administrative Svcs	1.0		
Director Annual Giving Central	1.0		
Director Gift Services	1.0		
Donor Events Officer II	1.0		
Donor Stewardship Officer I	1.0		
Donor Stewardship Officer II	1.0		
Editor	2.0		
Exec Dir Development	10.0		
Exec Dir Estate Planned Giving	1.0		
Executive Assistant	2.0		
Financial Analyst 1	1.0		
Financial Analyst 4	1.0		
Gift Services Manager	1.0		
IT Generalist II	1.0		
Junior Account Manager	1.0		
Junior Special Events Manager	1.0		
Manager Administrative Svcs	2.0		
Professional Accountant 1	1.0		

**Total FY 2018-19 - University Employees providing Personal Services to DSO's, FTE**

**137.3**

**Florida International University  
Financial Summary  
University Treasury Operations**

<i>(In thousands of dollars)</i>	<b>Final Budget 2017-18</b>	<b>Forecast 2017-18</b>	<b>Forecast vs. Final Budget</b>	<b>Requested Budget 2018-19</b>	<b>Requested Budget vs. Forecast</b>
Investment Revenues	\$ 11,476	\$ 16,743	\$ 5,267	\$ 12,822	\$ (3,922)
Operating Expenses	\$ (8,317)	\$ (7,945)	\$ 372	\$ (2,716)	\$ 5,229
<b>Net Revenues</b>	<b>\$ 3,159</b>	<b>\$ 8,798</b>	<b>\$ 5,639</b>	<b>\$ 10,106</b>	<b>\$ 1,308</b>
<b>Net Operating Income</b>	<b>3,159</b>	<b>8,798</b>	<b>5,639</b>	<b>10,106</b>	<b>1,308</b>
Investment Earnings Distribution	(1,836)	(2,242)	(406)	(3,208)	(965)
Operational Transfers	(2,100)	-	2,100	-	-
Capital Expenditures	-	(7,533)	(7,533)	(4,200)	3,333
Institutional Transfers	-	-	-	-	-
<b>Change in Net Assets</b>	<b>\$ (778)</b>	<b>\$ (977)</b>	<b>\$ (199)</b>	<b>\$ 2,699</b>	<b>\$ 3,676</b>
<b>Fund Balance</b>					
Beginning Fund Balance	76,331	79,907		78,930	
Change in Net Assets	2,699	(977)		2,699	
<b>Total Fund Balance</b>	<b>79,029</b>	<b>\$ 78,930</b>		<b>\$ 81,629</b>	

Treasury operations revenue consists of earnings from the University's investment portfolio. Earnings include interest income, realized gains (which are reinvested each month) and unrealized gains or losses.

**Financial Highlights**

Investment revenues in FY 2017-18 are expected to be \$5.3M greater than budget with higher than expected interest earnings, gains by the Strategic Capital and Reserve Pool investment managers. Overall, net investment returns are projected at 4.3%. FY 2017-18 forecasted expenses are expected to be lower than budget mostly due to vacancies.

Investment earnings are projected to be 3.2%, net of fees, in FY 2018-19. This decline is mostly due to adjustments to investment allocations in the portfolio to reduce risk exposure. FY 2018-19 expenses are \$5.2M less than FY 2017-18 forecast and mostly due to less institutional financial aid support for the merit-based scholarship program.

Investments earnings are distributed to Educational and General (E&G) carry forward, Auxiliary Enterprises and Financial Aid funds. E&G funds receive the State Treasury Special Purpose Investment Account (SPIA) rate and the non-E&G funds receive the risk-free rate (30-Day T-Bill). FY 2017-18 distributions are forecasted to be higher than planned due to higher projected T-Bill and SPIA rates and lower operating expenses. FY 2018-19 distributions are projected to be higher than FY 2017-18 forecast due to an anticipated federal fund rate increase.

In FY 2017-18, it was anticipated that Treasury would complete Operational Transfers of \$2.1M to Facilities to fund a portion of the practice fields constructed on the southwest side of the Modesto A. Maidique Campus. This transfer would be funded by Treasury's unrestricted fund balance. However, due to timing, the planned transfers for FY 2016-17 were completed in FY 2017-18 as a Capital Expenditure. In FY 2018-19, Treasury has committed \$4.2M to capital expenditures, \$3.9M of which will be transferred to Facilities for the three-year emergency infrastructure hardening project with the remaining \$0.3M for miscellaneous projects.

In FY 2010-11, Treasury Operations entered into a working capital agreement with Athletics, in which four annual disbursements were made totaling \$5.0M. These disbursements were reflected as operational transfers.

In FY 2013-14, Treasury Operations agreed to support Financial Aid merit-based scholarship initiatives from FY 2015-16 through FY 2017-18 with maximum annual funding of \$5.0M. Additionally, in FY 2017-18, Treasury agreed to provide \$0.8M in additional support for the expanded merit-based scholarship program. Consistent with new enrollment strategies, Treasury Operations continues to support Financial Aid merit-based scholarship programs in FY 2018-19, in the amount of \$1.5M. The funding from Treasury is dependent on available returns as determined by investment market conditions.

**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**

June 6, 2018

**Subject: Proposed 2018-2019 Fixed Capital Outlay Budget**

---

**Proposed Committee Action:**

Recommend to the Florida International University Board of Trustees (the BOT) approval of FIU's 2018-2019 Fixed Capital Outlay Budget and authorize the University President to amend the budget as necessary, consistent with Legislative, Florida Board of Governors' and BOT directives and guidelines.

---

**Background Information:**

Section 1013.61, Florida Statutes, requires that the BOT adopt a capital outlay budget for the ensuing year in order that the capital outlay needs of the BOT for the entire year may be well understood by the public.

Florida Board of Governors Regulation 1.001(6)(a) provides, in relevant part, that each board of trustees shall submit an institutional budget request, including a request for fixed capital outlay, to the Board of Governors for approval in accordance with the guidelines established by the Board of Governors.

The capital outlay budget is part of the annual budget and shall be based upon and in harmony with the BOT's capital outlay plan. The budget shall designate the proposed capital outlay expenditures by project for 2018-2019 from all fund sources, as amended.

The Capital Outlay Budget governs the University's capital expenditures during the year.

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<b>Supporting Documentation:</b>	2018-2019 Capital Outlay Budget Request for Florida International University
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<b>Facilitator/Presenter:</b>	Kenneth A. Jessell
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**THE FLORIDA INTERNATIONAL UNIVERSITY  
BOARD OF TRUSTEES  
Finance and Facilities Committee**

**PUBLIC EDUCATION CAPITAL OUTLAY PROJECTS (PECO) / CAPITAL IMPROVEMENT**

Maintenance/Repair/Renovation and Remodeling	\$4,048,255
Engineering Building Phase I and II	\$20,641,537

TOTAL 2018-19 CAPITAL OUTLAY BUDGET (PECO)/ CAPITAL IMPROVEMENT	<b>\$24,689,792</b>
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**CAPITAL IMPROVEMENT TRUST FUND PROJECTS (CITF)**

Graham Center Expansion	\$5,906,644
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TOTAL CITF	<b>\$5,906,644</b>
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<b>TOTAL 2018-19 CAPITAL OUTLAY BUDGET</b>	<b>\$30,596,436</b>
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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**

June 6, 2018

**Subject: Request for Approval of Florida International University's 2019-2020  
Fixed Capital Outlay Legislative Budget Request, consisting of the five-year  
Capital Improvement Plan**

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**Proposed Committee Action:**

Recommend to the Florida International University Board of Trustees (the BOT) approval of FIU's 2019-2020 Fixed Capital Outlay Legislative Budget Request, consisting of the five- year Capital Improvement Plan (CIP) and authorize the University President to amend the Legislative Budget Request as necessary, consistent with Florida Board of Governors and BOT directives and guidelines.

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**Background Information:**

Section 1013.64(4)(a), Florida Statutes, requires the BOT to update annually its fixed capital outlay budget request. In addition to Public Education Capital Outlay (PECO) projects, the capital request will include Capital Improvement Trust Fund (CITF) projects, projects from other state sources and projects from non-state sources including debt.

The Fixed Capital Outlay Budget Request governs the University's proposed capital expenditures during the next five years. The Fixed Capital Outlay Budget Request must be approved annually by the BOT.

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**Supporting Documentation:** Florida Board of Governors 2019-2020 Fixed Capital Outlay Budget Request

**Facilitator/Presenter:** Kenneth A. Jessell

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# **Florida International University**

## **Board of Trustees**



## **Florida Board of Governors**

### **2019-2020 FIXED CAPITAL OUTLAY BUDGET REQUEST**

#### **FIVE – YEAR CAPITAL IMPROVEMENT PLAN**

**June 6, 2018**

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**FLORIDA INTERNATIONAL UNIVERSITY  
AGENCY CAPITAL IMPROVEMENTS PROGRAM  
2019-2020 through 2023-2024**

**TABLE OF CONTENTS**

	<b>Page</b>
Overview of Agency, CIP-1 <i>(not required)</i>	
Projects Summary, CIP-2 (PECO Projects in Priority Order)	5
Short-Term Project Explanation, CIP-3, A-D	
1. FACILITIES INFRASTRUCTURE/CAPITAL RENEWAL – UW	7
2. ENGINEERING BUILDING – PHASE I & II - MMC	11
3. HONORS COLLEGE – MMC	20
4. SCIENCE LABORATORY COMPLEX – MMC	24
5. ACADEMIC HEALTH CENTER STUDY COMPLEX - MMC	30
6. REMODEL. /RENOV. OF DM Building – MMC	32
7. GREEN LIBRARY ADDITION FOR STUDY, HUB AND STUDENT SUCCESS SPACE - MMC	36
8. SCIENCE & HUMANITIES CTR., (SCIENCE, TECHNOLOGY, ENGINEERING, ARTS, & MATHEMATICS) - MMC	38
9. REMODEL. /RENOV. OF ACADEMIC DATA CENTER - MMC	40
10. REMODEL. /RENOV. OF OE BUILDING - MMC	42

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STATE UNIVERSITY SYSTEM

Five-Year Capital Improvement Plan (CIP-2) and Legislative Budget Request

Fiscal Years 2019-20 through 2023-24

Florida International University

PECO-ELIGIBLE PROJECT REQUESTS

Priority No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24
1	* FACILITIES INFRASTRUCTURE /CAPITAL RENEWAL - UW (P,C,E)	\$11,100,000	\$16,900,000	\$10,500,000	\$10,500,000	\$10,500,000
2	** ENGINEERING BUILDING, Phase I & II - MMC (P,C,E)(C,E)	\$35,500,000	\$38,858,463			
3	***HONORS COLLEGE - MMC (P,C,E)	\$2,000,000				
4	SCIENCE LABORATORY COMPLEX - MMC (P,C)(C )(C,E)	\$15,000,000	\$20,000,000	\$42,000,000		
5	***ACADEMIC HEALTH CENTER STUDY COMPLEX - MMC (P,C)(C,E)		\$5,000,000	\$12,500,000		
6	REMODEL./RENOV. OF DM BUILDING - MMC (P,C,E)(P,C,E)			\$7,000,000	\$6,800,000	
7	GREEN LIBRARY ADDITION FOR STUDY , HUB AND STUDENT SUCCESS SPACE- MMC (P,C)(C)(C,E)			\$15,000,000	\$25,000,000	\$25,000,000
8	SCIENCE & HUMANITIES CTR., (SCIENCE, TECH., ENG., ARTS & MATH.) - MMC (P,C)(C,E)				\$24,500,000	\$22,500,000
9	REMODEL./RENOV. OF ACADEMIC DATA CENTER - MMC (P,C,E)(P,C,E)				\$12,775,000	\$6,725,000
10	REMODEL./RENOV. OF OE BUILDING - MMC (P,C,E)(P,C,E)				\$10,500,000	\$10,000,000
TOTAL		\$63,600,000	\$80,758,463	\$87,000,000	\$90,075,000	\$74,725,000

CITF PROJECT REQUESTS

Priority No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24
1	GRAHAM UNIVERSITY CENTER - MMC (P,C,E)	\$12,000,000	\$12,000,000			
2	WOLFE UNIVERSITY CENTER RENOVATIONS - BBC (P,C,E)	\$3,000,000	\$3,000,000			
3	WELLNESS AND RECREATION FACILITIES IMPROVEMENTS - BBC (P,C,E)	\$1,000,000	\$1,000,000			
4	WELLNESS AND RECREATION FIELD SUPPORT BUILDING - MMC (P,C,E)	\$1,200,000				
TOTAL		\$17,200,000	\$ 16,000,000	0	0	0

REQUESTS FROM OTHER STATE SOURCES

Priority No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24
1	RESEARCH 1 - MMC, (P,C,E)					
TOTAL		0	0	0	0	0

REQUESTS FROM NON-STATE SOURCES, INCLUDING DEBT

Priority No.	Project Title	2019-20	2020-21	2021-22	2022-23	2023-24
1	MEDICAL ARTS PAVILION - MMC, (P,C E)					
TOTAL		0	0	0	0	0

FIU BOT

6/6/2018

Academic or Other Programs to Benefit from Projects	Net Assignable Square Feet (NASF)	Gross Square Feet (GSF)	Project Cost	Project Cost Per GSF (Proj. Cost/ GSF)	Educational Plant Survey Recommended Date/Rec No.	Approved by Law - Include GAA reference
All	n/a	n/a	\$127,994,982	n/a	1-20-2016/1.3	n/a
Engineering	166,667	266,667	\$150,000,000	\$562.50	1-20-2016/3.6	n/a
Honors	7,991	10,068	\$4,000,000	\$397.28	1-20-2016/3.8	n/a
Sciences	77,789	124,462	\$77,000,000	\$618.66	1-20-2016/3.5	n/a
Academic Health	39,086	62,538	\$35,000,000	\$559.66	1-20-2016/3.10	n/a
All	140,807	140,807	\$13,800,000	\$98.01	1-20-2016/2.2	n/a
All	88,000	123,200	\$65,000,000	\$527.60	1-20-2016/3.3	n/a
Sciences	50,000	80,000	\$47,000,000	\$587.50	1-20-2016/3.9	n/a
All	24,000	24,000	\$19,500,000	\$812.50	1-20-2016/2.11	n/a
All	117,306	117,306	\$20,500,000	\$174.76	1-20-2016/2.4	n/a

Academic or to Benefit from Projects	Net Square Feet (NASF)	Gross Feet (GSF)	Project Cost	Project Cost (Proj. Cost/ GSF)	Committee Date
All					
All					
All					
All					

Academic or to Benefit from Projects	Net Square Feet (NASF)	Gross Feet (GSF)	Project Cost	Project Cost (Proj. Cost/ GSF)
Research				

Academic or to Benefit from Projects	Net Square Feet (NASF)	Gross Feet (GSF)	Project Cost	Project Cost (Proj. Cost/ GSF)	Expected Funding (if known)	Master Plan Date
COM					M-Dade/Private	03/27/14

\* Includes BBC Lift Station and Sewer Line Repair of \$4 million and Engineering And Computer Science Building Envelope of \$3 million.

\*\* Amount reflects 70 percent PECO; remaining 30 percent (\$45 million) private funding. \$30,641,537 PECO funding appropriated to date

\*\*\* Amount reflects 50 percent PECO; remaining 50 percent private funding.

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### CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Facilities IFS/Capital Renewal  
University Wide

AGENCY PRIORITY 1  
DATE BUILDING PROGRAM  
APPROVED N/A

---

#### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

The purpose of this program is to provide funding for the renovation and replacement of critical infrastructure needs and to support capital renewal programs of the educational plant. A broad range of projects encompassing all campuses of the University and all program areas is planned.

In order to continue to support the University's rapid growth, roadway infrastructure is needed to meet the requirements of the University's Master Plan. Funding is needed for new roadways, curb and gutter, signage, catch basins and traffic controls. Also planned are the renovation of existing and the construction of new pedestrian pathways and sidewalks. Funding is also requested for lighting to ensure public safety and appropriate landscape and irrigation.

The existing plumbing systems in some of our older buildings continue to deteriorate. Funding is needed to renovate and replace these aging systems. Renovation and replacement of restroom fixtures with ADA accessible and environmentally appropriate new water saving units is planned.

Infrastructure is needed for a number of buildings on campus that require upgrades to multiple systems. These improvements include fire alarm panels, air handlers, electrical and mechanical systems. ADA retrofits and renovations continue to be a top priority. Replacement and renovation of aging elevators is also planned.

The University also plans to continue the renovation and retrofit of classroom, laboratory and learning areas. These retrofits and renovations will address ADA issues, replace aging infrastructure and support current curriculum needs.

Stormwater flood management also continues to be a priority issue. As pervious land is consumed with new development, existing pedestrian sidewalks and roadways are often impacted adding to costs beyond estimated project constructed costs. Infrastructure funds are needed to increase drainage capacity throughout campus for the safety of both pedestrian and vehicular traffic.

In recognition of the University's commitment to sustainability practices infrastructure projects will be designed and built with the goal of meeting the USGBC's LEED "Silver" certification rating level at a minimum when applicable. All projects shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 1).

### CIP-3 SHORT TERM PROJECT EXPLANATION

**GEOGRAPHIC LOCATION:** Universitywide, Miami, North Miami, and Miami Beach

COUNTY: **Miami-Dade County**

## PROJECT BT No.:

Facility/Space <u>Type</u>	Net Area <u>(NASF)</u>	Net to Gross <u>Conversion</u>	Gross Area <u>(GSF)</u>	Unit Cost <u>(Cost/GSF)*</u>	Construction <u>Cost</u>	Assumed <u>Bid Date</u>	Occupancy <u>Date</u>
Chiller							
Potable Water							
Sewer							
Electrical							
HVAC							
Telecommunications							
Roadways							
Reroofing/Envelope							
Totals	<u>n/a</u>	<u>n/a</u>		<u>See Below</u>			
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation							
Total Construction - New & Rem./Renov.							

BEFORE

Space

Type

Net Area

(NASF)

AFTER

Space

Type

Net Area

(NASF)

Total

0

Total

0

### ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost							
1. a.Construction Cost (from above)		\$8,400,000	\$13,900,000	\$8,400,000	\$8,400,000	\$8,400,000	\$47,500,000
Add'l/Extraordinary Const. Costs							
b.Environmental Impacts/Mitigation							
c.Site Preparation							
d.Landscape/Irrigation							
e.Plaza/Walks							
f.Roadway Improvements							
g.Parking ____ spaces							
h.Telecommunication							
i.Electrical Service							
j.Water Distribution							
k.Sanitary Sewer System							
l.Chilled Water System							
m.Storm Water System							
n.Energy Efficient Equipment							
Total Construction Costs		\$8,400,000	\$13,900,000	\$8,400,000	\$8,400,000	\$8,400,000	\$47,500,000
2. Other Project Costs							
a.Land/existing facility acquisition							
b.Professional Fees		\$1,340,000	\$1,390,000	\$840,000	\$840,000	\$840,000	\$5,250,000
c.Fire Marshall Fees		\$21,000	\$34,750	\$21,000	\$21,000	\$21,000	\$118,750
d.Inspection Services		\$126,000	\$208,500	\$126,000	\$126,000	\$126,000	\$712,500
e.Insurance Consultant							
f.Surveys & Tests		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
g.Permit/Impact/Environmental Fees							
h.Artwork (not applicable)			\$59,750				
i.Moveable Furnishings & Equipment		\$275,000	\$417,000	\$223,000	\$223,000	\$223,000	\$1,361,000
j.Project Contingency		\$555,000	\$525,000	\$525,000	\$525,000	\$525,000	\$2,655,000
k.Construction Service Reimbursement		\$333,000	\$315,000	\$315,000	\$315,000	\$315,000	\$1,593,000
Total - Other Project Costs		\$2,700,000	\$3,000,000	\$2,100,000	\$2,100,000	\$2,100,000	\$12,000,000

ALL COSTS 1+2	\$68,494,982	\$11,100,000	\$16,900,000	\$10,500,000	\$10,500,000	\$10,500,000	\$59,500,000
---------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

Appropriations to Date			Appropriations to Date			Total Project In
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	CIP & Beyond
<b>PECO</b>	<b>1997-1998</b>	<b>\$6,727,713</b>	<b>PECO</b>	<b>2009-2010</b>	<b>\$5,142,603</b>	
	<b>1999-2000</b>	<b>\$1,000,000</b>		<b>2010-2011</b>	<b>\$6,221,914</b>	
	<b>2000-2001</b>	<b>\$2,152,752</b>		<b>2011-2012</b>	<b>\$0</b>	
	<b>2001-2002</b>	<b>\$7,750,000</b>		<b>2012-2013</b>	<b>\$0</b>	
	<b>2003-2004</b>	<b>\$5,000,000</b>		<b>2013-2014</b>	<b>\$0</b>	
	<b>2004-2005</b>	<b>\$5,000,000</b>		<b>2014-2015</b>	<b>\$0</b>	
	<b>2005-2006</b>	<b>\$5,000,000</b>		<b>2015-2016</b>	<b>\$0</b>	
	<b>2006-2007</b>	<b>\$7,000,000</b>		<b>2016-2017</b>	<b>\$0</b>	
	<b>2007-2008</b>	<b>\$7,000,000</b>		<b>2017-2018</b>	<b>\$0</b>	
	<b>2008-2009</b>	<b>\$10,500,000</b>		<b>2018-2019</b>	<b>\$0</b>	
<b>TOTAL</b>		<b>\$57,130,465</b>	<b>TOTAL</b>	<b>\$0</b>	<b>\$11,364,517</b>	<b>\$127,994,982</b>



**CIP-3, D**  
**Higher Educational Facilities**  
**Return on Investment**

This is a tool developed by a collaborative group of stakeholders designed to facilitate the identification of return on investment metrics for higher education facilities. Check any box(es) that apply, provide a quantitative explanation, and identify the term or years in which ROI information is provided.

Institution: Florida International University

Project: Facilities Infrastructure/Capital Renewal

Total Project Cost: \$ 128.0 M

Previous Funding (State): \$ 68.5 M

Current Request: \$ 11.1 M

STEM (Yes or No): YES

Contact Person (Name, Position, Office and Cell Phone No., Email): John M. Cal, AVP, Facilities Management, O: 305-348-4001, C: [REDACTED] e-mail: [John.Cal@fiu.edu](mailto:John.Cal@fiu.edu)

---

Check any box(es) that apply and provide a quantitative explanation. Identify the term or years in which ROI information is projected.

1. ☐ Number of Additional Degrees and Certificates Produced and How Those Degrees are Meeting the Needs of our State (Job Openings, Average Wages of those Job Openings, etc)

Explanation: N/A

2. ☐ Number of Additional Students Served and the Benefits/Efficiencies Created (increase graduation rate, alleviate waitlist, increase academic support, etc)

Explanation: N/A

3. ☐ Amount of Additional Research Funding to be Obtained; Patents Awarded

Explanation: N/A

4. ☐ Project is in an Area of Strategic Emphasis as Determined by the Board of Governors' Gap Analysis or the Department of Economic Opportunity's National Occupational Forecast

Explanation: N/A

5. ☐ Improves the Ranking of a Preeminent Program or Improves on a Performance Funding Model Metric

Explanation: N/A

6. ☐ Increase Business Partnerships Which Will Lead to Guaranteed Internships and Jobs for Students

Explanation: N/A

7. ☒ Project Improves the Use, either Operationally or Academically, of Existing Space

Explanation: The project includes capital renewal of existing facilities which in turn will improve the learning environment with safer more efficient and better control of the indoor teaching environment.

8. ☐ Contribution of Local Funds Through Matching Grants, Property Donations, etc.

Explanation: N/A

9. ☒ Reduces Future Deferred Maintenance Cost and Extends the Life of the Facility by Bringing the Project up to Existing Standards (cost-benefit analysis of renovation or new facility vs. maintenance)

Explanation: Infrastructure and capital renewal investments are essential to continue to reduce energy costs by maintaining aging infrastructure with more efficient replacement systems.

Other Pertinent Information not included above:

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## CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Engineering Building – Phase I & Phase II  
Modesto Maidique Campus

AGENCY PRIORITY 2  
DATE BUILDING PROGRAM  
APPROVED N/A

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### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

This new building will house classrooms, instructional and research laboratories and collaboration space for approximately 75 faculty and 1400 engineering majors as well as other students taking relevant engineering courses. The building will be designed for active learning classrooms and teaching laboratories through which FIU will continue its very successful STEM curricular reforms.

The building will be located on the Modesto A. Maidique campus to facilitate and enhance ongoing and future collaborations between the College of Engineering and Computing and the health sciences colleges of medicine, nursing, and public health. Many of the most significant breakthroughs in health sciences will increasingly be at the interface between these disciplines and engineering and computer science.

The building is needed for at least three reasons: (1) to accommodate the growth in the College of Engineering and Computing in response to the FIU 2020 Strategic Plan, the Department of Defense identified decadal growth needs in engineering disciplines, and the President's Jobs and Competitiveness Council call for an additional 10,000 engineers annually; (2) to allow FIU to fully capitalize on the available research funding and job opportunities for graduates that are occurring at the interface between engineering and health science disciplines; and (3) to allow engineering units with major national funding through NSF Engineering Research Centers and NSF Natural Hazards Engineering Research Infrastructure programs to expand at the Engineering Center.

The project budget includes costs of upgrading and extending existing central campus infrastructure to the project site. Private donation funding will comprise \$45 million of \$150 million total project cost, 30% of the total budget.

In recognition of the University's commitment to sustainability practices this project will be designed and built with the goal of meeting the USGBC's LEED-NC "Silver" certification rating level at a minimum. The Project shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is partially included in the approved 2015-2020 Educational Plant Survey dated 1/20/2016, recommendation 12).

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### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.

# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

## 2. ENGINEERING BUILDING

PROJECT BT No.:

CIP-3, B - PROJECT DESCRIPTION		Net to		Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date	
Facility/Space Type	Net Area (NASF)	Gross Conversion	Gross Area (GSF)					
Classroom	27,211	1.6	43,537	\$368.95	\$16,062,991	1/1/2020	6/1/2021	(Phase I)
Teaching Lab	9,718	1.6	15,549	\$397.64	\$6,182,967	1/1/2021	6/1/2022	(Phase II)
Study	17,493	1.6	27,988	\$357.47	\$10,004,881			
Research Lab	77,745	1.6	124,393	\$473.37	\$58,883,458			
Office/Computer	27,211	1.6	43,537	\$373.90	\$16,278,573			
Instructional Media	7,289	1.6	11,662	\$266.46	\$3,107,402			
Space Detail for Remodeling Projects								
					BEFORE		AFTER	
					Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	166,667		266,667					
*Apply Unit Cost to total GSF based on primary space type								
Remodeling/Renovation								
Total Construction - New & Rem./Renov.					\$110,520,271	Total	0	Total 0

## CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

## ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost							
1. a. Construction Cost (from above)	\$25,641,642	\$57,000,000	\$27,878,629				\$110,520,271
Add'l/Extraordinary Const. Costs							
b. Environmental Impacts/Mitigation		\$50,000					
c. Site Preparation		\$300,000					\$50,000
d. Landscape/Irrigation		\$400,000					\$300,000
e. Plaza/Walks		\$300,000					\$400,000
f. Roadway Improvements		\$500,000					\$300,000
g. Parking ____ spaces		\$450,000					\$500,000
h. Telecommunication		\$300,000					\$450,000
i. Electrical Service		\$200,000					\$300,000
j. Water Distribution		\$300,000					\$200,000
k. Sanitary Sewer System		\$350,000					\$300,000
l. Chilled Water System		\$700,000					\$350,000
m. Storm Water System		\$200,000					\$700,000
n. Energy Efficient Equipment							\$0
Total Construction Costs	\$25,641,642	\$61,050,000	\$27,878,629	\$0	\$0	\$0	\$114,570,271
2. Other Project Costs							
a. Land/existing facility acquisition							
b. Professional Fees	\$2,000,000	\$1,000,000	\$6,165,622				\$9,165,622
CM Fees	\$1,145,703						\$1,145,703
c. Fire Marshall Fees	\$286,426						\$286,426
d. Inspection Services			\$300,000				\$300,000
e. Insurance Consultant		\$57,285	\$57,285				\$114,570
f. Surveys & Tests	\$10,000		\$70,000				\$80,000
g. Permit/Impact/Environmental Fees			\$300,000				\$300,000
h. Artwork			\$572,851				\$572,851
i. Moveable Furnishings & Equipment			\$11,464,558				\$11,464,558
j. Project Contingency	\$1,057,767	\$1,239,088	\$5,203,145				\$7,500,000
k. Construction Service Reimbursement	\$500,000	\$500,000	\$3,500,000				\$4,500,000
Total - Other Project Costs	\$4,999,895	\$2,796,373	\$27,633,460	\$0	\$0	\$0	\$35,429,729
ALL COSTS 1+2	\$30,641,537	\$63,846,373	\$55,512,090	\$0	\$0	\$0	\$150,000,000

Appropriations to Date		
Source	Fiscal Year	Amount
PECO	2017-18	\$10,000,000
Private	2017-18	\$0
PECO	2018-19	\$20,641,537
Private	2018-19	\$0
TOTAL		\$30,641,537

Project Costs Beyond CIP Period		
Source	Fiscal Year	Amount
PECO	2019-20	\$35,500,000
Private	2019-20	\$28,346,373
PECO	2020-21	\$38,858,463
Private	2020-21	\$16,653,627
TOTAL		\$119,358,463

Total Project In  
CIP & Beyond

\$150,000,000

**CIP-3, D**  
**Higher Educational Facilities**  
**Return on Investment**

This is a tool developed by a collaborative group of stakeholders designed to facilitate the identification of return on investment metrics for higher education facilities. Check any box(es) that apply, provide a quantitative explanation, and identify the term or years in which ROI information is provided.

Institution: Florida International University  
Project: Engineering Building – Phase I & Phase II  
Total Project Cost: \$ 150.0 M  
Previous Funding (State): N/A  
Current Request: \$35.5 M  
STEM (Yes or No): YES  
Contact Person (Name, Position, Office and Cell Phone No., Email): Ranu Jung, PhD, Interim Dean,  
College of Engineering and Computing O: 305-348-3722 C: [REDACTED], [rjung@fiu.edu](mailto:rjung@fiu.edu)

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Check any box(es) that apply and provide a quantitative explanation. Identify the term or years in which ROI information is projected.

1. ☒ Number of Additional Degrees and Certificates Produced and How Those Degrees are Meeting the Needs of our State (Job Openings, Average Wages of those Job Openings, etc)

Explanation:

- a. How many degrees is this request currently serving?

The College of Engineering and Computing (CEC) offers 10 bachelor's, 12 master's, 3 professional master's and 6 research doctorate degrees.

In the Academic Year 2015-16, CEC awarded 1,201 degrees (842 bachelor's, 314 master's, and 45 research doctorates). CEC's degree production accounted for 9% of the bachelor's, 10% of the master's and 30% of the research doctorates awarded by FIU during that academic year. CEC awarded 51% of FIU's STEM degrees in 2015-16 (49% of bachelor's STEM, 56% of master's STEM, and 57% of research doctorate STEM degrees).

## 2015-16 Degrees Awarded in CEC Programs

DEGREE CIP DESCRIPTION	DEGREE CIP	BACHELORS DEGREES	MASTERS DEGREES	RESEARCH DOCTORATES
Biomedical Engineering	14.0501	78	7	4
Civil Engineering	14.0801	77	21	11
Computer Engineering	14.0901	63	24	N/A
Computer Science	11.0101	101	42	8
Construction Management	15.1001	33	35	N/A
Engineering Management	14.3501	N/A	97	N/A
Electrical Engineering	14.1001	135	31	15
Environmental Engineering	14.1401	10	4	N/A
Information Technology	11.0103	220	34	N/A
Materials Science Engineering	14.1801	N/A	7	3
Mechanical Engineering	14.1901	125	9	4
Telecommunications	14.1090	N/A	13	N/A
<b>Grand Total</b>		<b>842</b>	<b>324</b>	<b>44</b>

\*N/A indicates that degree is not offered.

**b. How are these degrees meeting the needs of the State of Florida?**

Based on what employers are willing to pay FIU CEC graduates, these graduates are meeting critical needs in Florida business and industry. The average wage for full-time employed 2013-14 CEC bachelor's degree graduates (FETPIP data) was \$50,789. This compares with an overall SUS average bachelor's degree recipient wage of \$38,632 and an overall FIU average bachelor's degree recipient wage of \$41,112 (FETPIP 2013-14 data).

Florida and the US need an increased number of STEM graduates overall but in particular they need an increase in the number of STEM graduates from traditionally underrepresented minorities. African-Americans, American Indians, and Hispanics between 18 and 24 years account for 34% of the total U.S. population but earn only 12% of all undergraduate degrees in engineering. CEC is number 2 in the nation in graduating Hispanic engineering and computer science bachelor's degree recipients (second only to University of Puerto Rico) and is number 5 for graduating African American engineering and computer science bachelor's degree recipients.

2. ☒ Number of Additional Students Served and the Benefits/Efficiencies Created (increase graduation rate, alleviate waitlist, increase academic support, etc)

Explanation:

**a. Additional students served**

Although the question is based on students served, our response will be based on degree awarded. FIU is not focused on enrollment numbers but rather on degrees awarded. The Federal Administration's Jobs and Competitiveness Council has called for graduating an additional 10,000 engineers per year. The Department of Defense, with cooperation from the Departments of Commerce, Education, and Labor projected the percentage increase in demand for specific engineering majors in the decade 2012 to 2022. These numbers were: Biomedical Engineering 27%, Civil Engineering 20%, Computer Engineering 7%, Computer Science 15%, Electrical

Engineering 4%, Environmental Engineering 15%, Information Technology 22%, Mechanical Engineering 5%, Materials Science and Engineering 4.1%.

The FIU Beyond Possible 2020 strategic plan calls for a 20% increase. In determining the growth of CEC and the demand for additional space, we looked to 2025 to achieve both the 20% overall strategic plan growth and the additional Department of Defense degree-specific percentage growth. These calculations lead to an overall growth in degrees of 353 (38%) with the growth by department of: Biomedical Engineering 41 (53%), Civil Engineering 52 (44%), Computer Engineering 25 (28%), Computer Science 43 (39%), Electrical Engineering 42 (25%), Environmental Engineering 4 (36%), Information Technology 114 (47%), and Mechanical Engineering 32 (26%).

Overall 78% of the projected growth in degrees awarded will occur in the disciplines expanding into the new building.

**b. Benefits and efficiencies created**

Engineering and other STEM fields are undergoing a radical pedagogical change in the way students interact in the classroom and in particular in the laboratory. The new design incorporates active learning and inverts the teaching sequence from acquiring information during a lecture to acquiring the information online prior to the lecture and using the face-to-face time with the instructor and classmates to applying that information to structured problems thereby turning information into knowledge and preparing the student for the collaborative problem solving they will be expected to demonstrate to future employers. This approach increases student engagement, enhances retention and reduces time to degree.

This new learning paradigm is conducted in entirely redesigned classrooms and laboratories. FIU has redesigned current space to create such classrooms and laboratories, but for redesigned classrooms and laboratories on the scale we need, it will be much less expensive to design and build in the new space required for the production of the new degrees.

CEC is planning an additional engineering curricular change by creating a Continuum of Design and Problem-based Education. Currently all engineering programs require a senior design project. Our new approach is to incorporate design and problem solving from the beginning of the student's career in engineering. The students will have greater engagement with engineering through learning how it can address real problems and will be better prepared to enter the workforce. Team projects that utilize problem-based learning offer advantages that go beyond pedagogy, to learning organizational skills, time management, and most importantly communication skills. This curricular change will require more laboratory space on a per degree produced basis than we currently have available.

The complexities of such an engineering curriculum will require greater mentoring. Some of the most effective mentoring occurs when postdoctoral fellows mentor graduate students who in turn mentor upper division undergraduate students who then mentor lower division undergraduate students. This chain of mentorship leads to greater understanding of engineering principles for those doing the mentoring and enhances learning for those being mentored. The design of the new building incorporates collaborative learning spaces where interaction between postdoctoral fellows, graduate students, and undergraduates is enhanced.

FIU is also one of 120 universities nationwide and one of four in Florida to commit to implementing an educational program responsive to the National Academy of Engineering Grand Challenges for Engineering in the 21<sup>st</sup> Century. The pedagogical changes required to implement

the National Academy of Engineering's educational plan will require the redesigned classrooms and laboratories envisioned for the new building.

**c. Graduation outcomes**

Engineering typically has a lower 6-yr graduation rate than non-STEM disciplines. The current 6-yr graduation rate is 42%. With the new facilities and the new pedagogical approaches these facilities provide, it is expected that the graduation rate will surpass 70% by 2025. The first year retention is currently 88% and this will surpass 90% by 2020.

3. ☒ Amount of Additional Research Funding to be Obtained; Patents Awarded

Explanation:

**a. Additional research funding**

Based on SUS colleges of engineering data, the growth in degrees will required the addition of 109 faculty members. FIU has committed to this number by 2025. This represents a continuing additional investment of \$17 million and one-time start-up costs of \$42 million by 2025. These faculty along with current faculty will be expected, based on SUS average research expenditures per full-time, tenured/tenure-earning engineering faculty member, to have total annual research expenditures of \$48 million, an increase of \$30 million annually.

**b. Additional jobs created**

Each additional million dollars in research expenditures generates 18.2 jobs thus creating 550 high quality jobs in South Florida.

**c. Additional patents and start-up companies**

Based on national data, the projected increase in research expenditures will generate 27 additional patent applications per year and result in the establishment of one new company based on university intellectual property every other year.

4. ☒ Project is in an Area of Strategic Emphasis as Determined by the Board of Governors' Gap Analysis or the Department of Economic Opportunity's National Occupational Forecast

Explanation:

All CEC degree programs are identified in the STEM area of Strategic Emphasis

5. ☒ Improves the Ranking of a Preeminent Program or Improves on a Performance Funding Model Metric

Explanation:

Performance Funding Metrics:

*Percent bachelor's in graduate school or employed (>\$25,000)* will increase. For CEC graduates this value currently is 81% compared to FIU's overall 75%.

*Median bachelor's wages 1 yr after graduation* will increase. For CEC graduates the average wage is \$9,677 greater than the FIU average hence increases in CEC graduates will increase this university metric.



*Six-year graduation rate full- and part-time FTIC* will increase. CEC is currently (42%) below the FIU overall rate. Hence as CEC improves this metric it will have a major enhancement for the university rate.

*Bachelor's in areas of Strategic Emphasis (includes STEM)* will increase because all CEC degrees are STEM degrees.

*Graduates in areas of Strategic Emphasis (includes STEM)* will increase because all CEC degrees are STEM degrees.

*Bachelor's to minorities* will increase. CEC is a major producer of engineering degrees to underrepresented minorities in the US. The ethnic distribution of future degrees will match the diversity of Florida.

**Preeminence Funding Metrics:**

*Total annual research expenditures, including federal research expenditures, of \$200 million or more, as reported annually by the National Science Foundation (NSF)* will be reached sooner with the increase in external research funding through engineering expansion.

*Total annual research expenditures in diversified nonmedical sciences of \$150 million or more, based on data reported annually by the NSF* will be reached sooner with the increase in external research funding through engineering expansion.

*A top-100 university national ranking for research expenditures in five or more science, technology, engineering, or mathematics fields of study, as reported annually by the NSF* is already achieved, but will be easily sustained with the increase in external research through engineering expansion.

*One hundred or more total patents awarded by the United States Patent and Trademark Office for the most recent 3-year period* will be achieved with engineering expansion which in and of itself is projected to result in 27 additional patent applications per year.

*Four hundred or more doctoral degrees awarded annually, including professional doctoral degrees awarded in medical and health care disciplines, as reported in the Board of Governors Annual Accountability Report* will be easily surpassed with the addition of 109 more engineering faculty.

*Two hundred or more postdoctoral appointees annually, as reported in the TARU annual report* will be easily surpassed with the addition of 109 more engineering faculty.

6. ☒ **Increase Business Partnerships Which Will Lead to Guaranteed Internships and Jobs for Students**

**Explanation:**

Additional space within the College of Engineering and Computing will unequivocally increase business partnerships and lead to guaranteed internships and jobs for students.

Here are three case studies:

- 1) Senior design sponsorship by industry impacts job placement. Additional space within the Department of Biomedical Engineering (BME) will exponentially help grow our senior design program beyond the existing participation. BME actively engages corporate sponsorships for the Senior Design capstone projects. Students solicit partnerships with industry leaders to work with them in collaboration on a year-long project. Since the fall of 2012, 31 different companies, and some multiple times, have sponsored projects through our senior design course. These relationships have resulted in more than 31 students receiving internships or job placement after the completion of their undergraduate degree. Additional design space is needed in order to maintain our current level of success and expand our reach to even more companies. Many of the local biomedical device start-up companies lack the space resources on-site that are required to accommodate our senior design teams. The space would also allow us to expand the design based curriculum to sophomore and junior years thereby preparing more students for industry internships.

- 2) New design and innovation spaces will allow for academic-industry collaboration with student participation, and also give students a place to showcase their work and host design challenges. This fall, Fiat Chrysler Automobiles (FCA) will visit the Engineering Center for an on-campus recruitment event. FCA has requested to conduct a design challenge that will serve as a working interview for the 150 participating students. Due to our limited space, we are unable to house the design challenge in one room. Instead, we are forced to break up the students into three classrooms, making it difficult for recruiters to evaluate student performance.
- 3) Expanded space within the college will allow corporations to conduct on-site interviews and hold focused presentations, therefore, extending recruitment opportunities for our students. For example, The School of Computing and Information Sciences at the MMC maximizes their current space in PG6 Tech Station (acquired in part by Performance funding from the State) to foster relationships with corporate partners while providing their students with an array of internship and job opportunities. Each semester six companies come on campus to provide information sessions that serves as a recruitment tool for the companies, and at the same time, exposes our students to new possibilities in planning for their future careers. Big companies such as Ultimate Software, IBM, and UBER draw large crowds of students looking to learn more about the industry. Companies utilize the space to conduct on-campus interviews for internships and full-time positions. This service caters to the companies and helps to streamline their interview process, making it easier for them to hire SCIS students.

Space for student design and innovation is of utmost importance to our college. Added space will strengthen our partnerships with industry leaders and will better enable us to serve our students in their search for career opportunities.

7. ☒ Project Improves the Use, either Operationally or Academically, of Existing Space

Explanation:

The new building will be built on the Modesto A. Maidique Campus (MMC). Education and research in Biomedical Engineering and areas of Electrical and Computer Engineering, Environmental Engineering and Mechanical and Materials Engineering that have strong ongoing and future collaborations with the colleges of Medicine, Nursing and Health Sciences, Public Health and Social Work, Arts and Sciences, and School of International and Public Affairs will occupy the new building. The Engineering Center is two miles north of the MMC. Greater propinquity will lead to operational and academic efficiencies, cross-fertilization and collaboration.

Program growth at the Engineering Center means that lack of space inhibits capitalizing on exciting areas of research that have received national recognition. These include: Accelerated Bridge Construction University Transportation Center (FIU lead; University of Nevada, Reno and Iowa State University, partners); NSF Engineering Research Center for Advanced Self-Powered Systems of Integrated Sensors and Technologies (ASSIST) (North Carolina State University, lead; FIU and three other universities, partners); and the Wall of Wind Facility designated as one of the nation's major "Experimental Facilities" under the NSF Natural Hazards Engineering Research Infrastructure program. These programs and others at the Engineering Center will grow in the space freed up by the relocation of some research and education to the new building.

8. ☒ Contribution of Local Funds Through Matching Grants, Property Donations, etc.

Explanation:

30% (\$45 million) of the building cost will contributed through local funds.

9. ☐ Reduces Future Deferred Maintenance Cost and Extends the Life of the Facility by Bringing the Project up to Existing Standards (cost-benefit analysis of renovation or new facility vs. maintenance)

Explanation:

Other Pertinent Information not included above:

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### CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Honors College  
Modesto Maidique Campus

AGENCY PRIORITY 3  
DATE BUILDING PROGRAM  
APPROVED N/A

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#### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

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This project is meant both to satisfy university space needs and to facilitate the enrollment growth and programmatic development of Honors consistent with our mandate to become "the centerpiece of undergraduate educational excellence" at Florida International University.

The project is now primarily envisioned as an infill at covered ground-level spaces in the Parkview student housing facility that were planned for eventual build-out.

Main components of the facility will include a Dean's Offices Executive Suite, a Student Services Suite, an IT Suite including specialized student computer laboratory spaces and General Support Spaces.

In recognition of the University's commitment to sustainability practices, remodeling/renovation projects will be designed and built with the goal of meeting the USGBC's LEED-NC "Silver" certification rating level at a minimum. All projects shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 14).

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#### STATISTICAL JUSTIFICATION

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The Statistical Justification portion of the CIP-3 is not required this year.

# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

**3. HONORS COLLEGE**

COUNTY: **Miami-Dade County**

PROJECT BT No.:

## CIP-3, B - PROJECT DESCRIPTION

Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classroom	0	1.6	0	\$304.78	\$0	1/1/2022	6/1/2023
Auditorium	0	1.6	0	\$361.36	\$0		
Teaching Lab	937	1.6	1,499	\$345.78	\$518,328		
Office	3,030	1.5	4,545	\$308.87	\$1,403,871		
Other Assignable	4,024	1	4,024	\$279.67	\$1,125,450		
Space Detail for Remodeling Projects							
				BEFORE		AFTER	
				Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	7,991		10,068		\$3,047,649		
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation							
Total Construction - New & Rem./Renov.					\$3,047,649	Total	0

## CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

## ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost		\$3,047,649					\$3,047,649
1. a.Construction Cost (from above)							
Add'l/Extraordinary Const. Costs							
b.Environmental Impacts/Mitigation							
c.Site Preparation		\$25,000					\$25,000
d.Landscape/Irrigation		\$10,000					\$10,000
e.Plaza/Walks		\$20,000					\$20,000
f.Roadway Improvements							\$0
g.Parking ____ spaces							\$0
h.Telecommunication		\$10,000					\$10,000
i.Electrical Service		\$10,000					\$10,000
j.Water Distribution		\$5,000					\$5,000
k.Sanitary Sewer System		\$10,000					\$10,000
l.Chilled Water System							\$0
m.Storm Water System		\$5,000					\$5,000
n.Energy Efficient Equipment							\$0
Total Construction Costs	\$0	\$3,142,649	\$0	\$0	\$0	\$0	\$3,142,649
2. Other Project Costs							
a.Land/existing facility acquisition							
b.Professional Fees		\$251,412					\$251,412
CM Fees		\$31,426					\$31,426
c.Fire Marshall Fees		\$7,857					\$7,857
d.Inspection Services		\$20,000					\$20,000
e.Insurance Consultant							
f.Surveys & Tests		\$5,000					\$5,000
g.Permit/Impact/Environmental Fees		\$10,000					\$10,000
h.Artwork		\$7,857					\$7,857
i.Moveable Furnishings & Equipment		\$203,799					\$203,799
j.Project Contingency		\$200,000					\$200,000
k.Construction Service Reimbursement		\$120,000					\$120,000
Total - Other Project Costs	\$0	\$857,351	\$0	\$0	\$0		\$857,351
ALL COSTS 1+2	\$0	\$4,000,000	\$0	\$0	\$0		\$4,000,000

Appropriations to Date		
Source	Fiscal Year	Amount
TOTAL		

Project Costs Beyond CIP Period		
Source	Fiscal Year	Amount
Private	2019-20	\$2,000,000
PECO	2019-20	\$2,000,000
TOTAL		\$4,000,000

Total Project In  
CIP & Beyond

\$4,000,000

**CIP-3, D**  
**Higher Educational Facilities**  
**Return on Investment**

This is a tool developed by a collaborative group of stakeholders designed to facilitate the identification of return on investment metrics for higher education facilities. Check any box(es) that apply, provide a quantitative explanation, and identify the term or years in which ROI information is provided.

Institution: Florida International University

Project: Honors College - MMC

Total Project Cost: \$ 4.0 M

Previous Funding (State and Local): \$ 0.0 M

Current Request: \$ 2.0 M

STEM (Yes or No): YES

Contact Person (Name, Position, Office and Cell Phone No., Email): John M. Cal, AVP, Facilities Management, O: 305-348-4001, C: [REDACTED] e-mail: [jcal@fiu.edu](mailto:jcal@fiu.edu)

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Check any box(es) that apply and provide a quantitative explanation. Identify the term or years in which ROI information is projected.

1. ☐ Number of Additional Degrees and Certificates Produced and How Those Degrees are Meeting the Needs of our State (Job Openings, Average Wages of those Job Openings, etc.)

Explanation:

2. ☐ Number of Additional Students Served and the Benefits/Efficiencies Created (increase graduation rate, alleviate waitlist, increase academic support, etc.)

Explanation:

3. ☐ Amount of Additional Research Funding to be Obtained; Patents Awarded

Explanation:

4. ☐ Project is in an Area of Strategic Emphasis as Determined by the Board of Governors' Gap Analysis or the Department of Economic Opportunity's National Occupational Forecast

Explanation:

5. ☐ Improves the Ranking of a Preeminent Program or Improves on a Performance Funding Model Metric

Explanation:

6. ☐ Increase Business Partnerships Which Will Lead to Guaranteed Internships and Jobs for Students

Explanation:

7. ☐ Project Improves the Use, either Operationally or Academically, of Existing Space

Explanation:

8. ☐ Contribution of Local Funds Through Matching Grants, Property Donations, etc.

Explanation:

9. ☐ Reduces Future Deferred Maintenance Cost and Extends the Life of the Facility by Bringing the Project up to Existing Standards (cost-benefit analysis of renovation or new facility vs. maintenance)

Explanation:

Other Pertinent Information not included above:

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### CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3 SHORT-TERM PROJECT EXPLANATION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Science Laboratory Complex  
Modesto Maidique Campus

AGENCY PRIORITY 4  
DATE BUILDING PROGRAM  
APPROVED N/A

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#### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

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To support current and expanding science programs, Florida International University is in need of considerable science specific classrooms, teaching laboratories and offices. Existing facilities are severely inadequate to meet University needs.

This facility will provide critically needed classrooms, laboratories and offices to address existing shortfalls and to meet educational and research needs of the University. The Science Laboratory Complex is an essential element in the FIU/State University System Strategic Plan to meet statewide professional and workforce needs in the science area.

The project budget includes extraordinary costs of upgrading and extending existing central campus infrastructure to the project site.

In recognition of the University's commitment to sustainability practices, this project will be designed and built with the goal of meeting the USGBC's LEED-NC "Silver" certification rating level at a minimum. The Project shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 9).

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#### STATISTICAL JUSTIFICATION

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The Statistical Justification portion of the CIP-3 is not required this year.



# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

## 4. SCIENCE LABORATORY COMPLEX

PROJECT BT No.:

### CIP-3, B - PROJECT DESCRIPTION

Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classrooms	7,339	1.6	11,742	\$378.57	\$4,445,067	1/1/2021	6/1/2022
Teaching Lab	3,914	1.6	6,262	\$408.02	\$2,555,086		
Study	17,613	1.6	28,180	\$366.79	\$10,336,193		
Office/ Computer	19,569	1.6	31,311	\$383.65	\$12,012,598		
Instructional Media	1,957	1.6	3,131	\$273.41	\$856,081		
Research Lab	27,397	1.6	43,836	\$485.72	\$21,291,683		
Space Detail for Remodeling Projects							
				BEFORE		AFTER	
				Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	77,789		124,462		\$51,496,707		
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation							
Total Construction - New & Rem./Renov.					\$51,496,708	Total	0

### CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

#### ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost							
1. a.Construction Cost (from above)		\$11,000,000	\$14,000,000	\$26,496,708			\$51,496,708
Add'l/Extraordinary Const. Costs							
b.Environmental Impacts/Mitigation							
c.Site Preparation			\$300,000				\$300,000
d.Landscape/Irrigation			\$500,000				\$500,000
e.Plaza/Walks			\$250,000				\$250,000
f.Roadway Improvements			\$250,000				\$250,000
g.Parking ____ spaces			\$300,000				\$300,000
h.Telecommunication			\$450,000				\$450,000
i.Electrical Service			\$100,000				\$100,000
j.Water Distribution			\$100,000				\$100,000
k.Sanitary Sewer System			\$200,000				\$200,000
l.Chilled Water System			\$350,000				\$350,000
m.Storm Water System			\$100,000				\$100,000
n.Energy Efficient Equipment			\$25,000				\$25,000
Total Construction Costs	\$0	\$11,000,000	\$16,925,000	\$26,496,708	\$0	\$0	\$54,421,708
2. Other Project Costs							
a.Land/existing facility acquisition							
b.Professional Fees		\$2,000,000	\$750,000	\$1,603,737			\$4,353,737
CM Fees		\$544,217		\$0			\$544,217
c.Fire Marshall Fees		\$136,054		\$0			\$136,054
d.Inspection Services			\$125,000	\$275,000			\$400,000
e.Insurance Consultant			\$27,211	\$27,211			\$54,422
f.Surveys & Tests		\$50,000	\$50,000	\$175,000			\$275,000
g.Permit/Impact/Environmental Fees		\$40,000	\$40,000	\$0			\$80,000
h.Artwork				\$136,054			\$136,054
i.Moveable Furnishings & Equipment				\$10,358,194			\$10,358,194
j.Project Contingency		\$618,020	\$1,471,080	\$1,841,514			\$3,930,614
k.Construction Service Reimbursement		\$611,709	\$611,709	\$1,086,582			\$2,310,000
Total - Other Project Costs	\$0	\$4,000,000	\$3,075,000	\$15,503,292	\$0	\$0	\$22,578,292
ALL COSTS 1+2	\$0	\$15,000,000	\$20,000,000	\$42,000,000	\$0	\$0	\$77,000,000

Appropriations to Date

Source Fiscal Year Amount

Project Costs Beyond CIP Period

Source Fiscal Year Amount

Total Project In

CIP & Beyond

TOTAL

\$0

Page 67 of 112

TOTAL

\$77,000,000

## Higher Educational Facilities

### Return on Investment

Institution: Florida International University  
Project: Science Laboratory Complex  
Total Project Cost: \$ 77.0 M  
Previous Funding (State and Local): \$ 0.0 M  
Current Request: \$ 15.0 M  
Previous Funding (State and Local): N/A  
STEM (Yes or No): Yes  
Contact Person (Name, Position, Phone No.): \_\_\_\_\_

Check any box(es) that apply and provide a quantitative explanation. Identify the term or years in which ROI information is projected.

1. ☒ Number of Additional Degrees and Certificates Produced and How Those Degrees are Meeting the Needs of our State (Job Openings, Average Wages of those Job Openings, etc)

Explanation:

In 2015-16 FIU awarded 2079 degrees in Board of Governors identified STEM programs. This represents an increase of 749 or 56% from 2011-12. A number of factors have contributed to these gains: (1) FIU has placed more science teachers in South Florida high schools thereby improving preparation for STEM degrees; (2) FIU science departments have enhanced their outreach programs attracting more students to STEM disciplines; (3) FIU has developed Math Mastery Labs with adaptive learning to help students succeed in mathematics, a necessary common language for STEM disciplines; (4) FIU has initiated a complete redesign of the way many science courses are taught; and (5) a national dialogue has emphasized the importance for individuals and the nation to excel in STEM disciplines. This national dialogue is reflected in the Board of Governor's Strategic Plan that calls for expanding the number of STEM degrees awarded in the SUS.

According to the National Association of Colleges and Employers, 2017 STEM graduates are expected to continue commanding higher salaries than their non-STEM counterparts. The starting salary differential is expected to be 17.4% in favor of STEM graduates (\$61,342 cf. \$52,230).

FIU is addressing another state and national need though enhancing the diversity of the STEM workforce. African-Americans, American Indians, and Hispanics between 18 and 24 years account for 34% of the total U.S. population but earn only 18.3% of all undergraduate degrees in STEM (latest NSF data). At FIU these underrepresented minorities are awarded 78.8% of the baccalaureates in STEM. A similar contribution of FIU is shown at the Master's level with 44% of the recipients being underrepresented minorities (cf. 13.4% nationally) and at the doctoral level with 13.9% of recipients at FIU compared to 6.6% nationally.

2. ☒ Number of Additional Students Served and the Benefits/Efficiencies Created (increase graduation rate, alleviate waitlist, increase academic support, etc)

Explanation:

STEM fields are undergoing a radical pedagogical change in the way students interact in the classroom and in particular in the laboratory. The new design incorporates active learning and inverts the teaching sequence from acquiring information during a lecture to acquiring the information online prior to the lecture and using the face-to-face time with the instructor and classmates to applying that information to structured problems thereby turning information into knowledge and preparing the student for the collaborative problem solving they will be expected to demonstrate to future employers. This approach increases student engagement, enhances retention and reduces time to degree as evidenced from the 56% increase in STEM degrees awarded over the past four years at FIU.

This new learning paradigm is conducted in entirely redesigned classrooms and laboratories. FIU has redesigned current space to create such classrooms and laboratories, but for redesigned classrooms and laboratories on the scale we need, it will be much less expensive to design and build in the new space required for the production of the new degrees.

STEM majors have shown improved first-year retention from 82.2% in 2011 to 88.1% in 2015. Similarly, 4-yr graduation rates have increased from 17.0% for the 2010 cohort to 25.3% for the 2013 cohort (6-yr graduation increased from 45.5% for the 2007 cohort to 52.0 for the 2011 cohort). With these new facilities and the new pedagogical approaches these facilities allow, it is expected that the 4-yr graduation rate will surpass 40% by 2025.

3. ☒ Amount of Additional Research Funding to be Obtained; Patents Awarded

Explanation:

Based on SUS data, the 28,000 sq. ft. of research laboratory space in this building will provide laboratory space for 26 Tenured/Tenure-track faculty. Again using SUS data, this faculty would be expected to generate \$7 M annually in additional research funding. Based on national data, each additional million dollars in research expenditures generates 18.2 jobs thus creating 127 high quality jobs in South Florida. Based on national data, the projected increase in research expenditures will generate six additional patent applications per year and result in the establishment of one new company based on university intellectual property every eight years.

4. ☒ Project is in an Area of Strategic Emphasis as Determined by the Board of Governors' Gap Analysis or the Department of Economic Opportunity's National Occupational Forecast

Explanation:

All degree programs centered in this building will be in the STEM area of Strategic Emphasis.

5. ☐ Improves the Ranking of a Preeminent Program or Improves on a Performance Funding Model Metric

Explanation:

6. ☒ Increase Business Partnerships Which Will Lead to Guaranteed Internships and Jobs for Students

Explanation:

FIU has long recognized the importance of internships in preparing students for the workforce. The number of students obtaining internships has increased significantly in the last few years to reach 5,565 in 2015-16, an 11.6% increase over the prior year. The new STEM pedagogy that will be emphasized in this facility incorporates teamwork for STEM problem solving. This is exactly the type of experience corporations are interested in and hence more willing to provide internships to our students who have experienced multiple courses taught with the new pedagogy. A few STEM examples are: Maytal Maor who interned at Google and now has a clear career path when she graduates; David Vallejo who interned for Raytheon Missile Systems in Arizona and was offered a full-time job with the company; Alexis Smoot who worked for the Office of Environmental Management in the Department of Energy in Washington, D.C.; Annette Dominguez who interned at blueEnergy, an international organization dedicated to sustainable solutions to complex challenges in Bluefields, Nicaragua, where she helped local residents become energy independent; and Lilian Marrero who interned with NASA's Water Science of Coupled Aquatic Processes and Ecosystems from Space (WaterSCAPES) and with Sullivan International Group, Inc., an applied science, environmental and technology firm, and is now a Department of Energy Fellow in environmental engineering at FIU.

7. ☐ Project Improves the Use, either Operationally or Academically, of Existing Space  
Explanation:

8. ☐ Contribution of Local Funds Through Matching Grants, Property Donations, etc.  
Explanation:

9. ☐ Reduces Future Deferred Maintenance Cost and Extends the Life of the Facility by Bringing the Project up to Existing Standards (cost-benefit analysis of renovation or new facility vs. maintenance)  
Explanation:

Other Pertinent Information not included above:

10. ☒ Projected Facility Utilization Rate

Explanation:

Approximately 700 STEM majors will be taking classes in the new building and approximately 26 faculty will have their offices and research labs in the building. Given the current space needs as defined in the Net Assignable Square Feet Eligible for Fixed Capital Outlay Budgeting (Form B), as described under item 10 below, all aspects of the building will be 100% utilized. The latest Fall classroom utilization percentage available shows FIU at 124%. See Section 10 for how the projected building will address some of the identified space needs.

11. ☒ Current/Projected Campus Utilization Rate

Explanation:

Values in table below are in net assignable square feet from the Net Assignable Square Feet Eligible for Fixed Capital Outlay Budgeting (Form B).

Category	% Need Currently Met	Net Need	Proposed in Projected Facility	Net Need with Projected Facility	% Need Met with Projected Facility
Classrooms	71%	88,552	7,500	81,052	73%
Teaching Labs	69%	165,148	4,000	161,148	70%
Study Space	34%	432,324	18,000	414,324	37%
Offices	88%	119,392	20,000	99,392	90%
Research Labs	48%	375,439	28,000	347,439	52%
Instructional Media	23%	55,308	2,000	53,308	26%

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## CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Academic Health Center Study Complex  
Modesto Maidique Campus

AGENCY PRIORITY 5  
DATE BUILDING PROGRAM  
APPROVED N/A

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### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

The purpose of this project is to consolidate study environments for three colleges, the Herbert Wertheim College of Medicine, the Nicole Wertheim College of Nursing and Health Sciences and the Robert Stempel College of Public Health & Social Work into one facility - consistent with the spirit of an Academic Health Center.

A variety of learning spaces are necessary to provide casual, small group learning and quiet individual study environments. The proposed program anticipates informal gathering environments, open collaborative spaces, quiet reading rooms, small group study rooms, a student lounge with vending area, as well as other support functions. It is anticipated that the facility will have the capacity to serve a population of 560 upper division students from the three colleges. In addition, the program calls for administrative offices for the Academic Health Center.

A beneficial byproduct of this project will be to support the growth in undergraduate enrollment in the university as a whole. Upon its completion, the third floor dedicated HWCOR Library spaces (approximately 6,500 net square feet) will be released back to the Green Library.

The project budget includes extraordinary costs required to integrate new structure and building systems with the two adjacent existing buildings, AHC1 & AHC2.

In recognition of the University's commitment to sustainability practices, this project will be designed and built with the goal of meeting the USGBC's LEED-NC "Silver" certification rating level at a minimum. The Project shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 16).

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### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.

# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

## 5. ACADEMIC HEALTH CENTER STUDY COMPLEX

PROJECT BT No.:

### CIP-3, B - PROJECT DESCRIPTION

Facility/Space	Net Area		Gross Area	Unit Cost	Construction	Assumed	Occupancy
Type	(NASF)	Net to Gross Conversion	(GSF)	(Cost/GSF)*	Cost	Bid Date	Date
Classroom	4,500	1.6	7,200	\$378.57	\$2,725,715	1/1/2021	6/1/2022
Teaching Lab	5,250	1.6	8,400	\$408.02	\$3,427,329		
Study	12,390	1.6	19,824	\$366.79	\$7,271,270	Space Detail for Remodeling Projects	
Office /Computers	15,866	1.6	25,386	\$383.65	\$9,739,245		
Instructional Media	480	1.6	768	\$273.41	\$209,980		
Campus Support Services	600	1.6	960	\$347.37	\$333,479		
Totals	39,086		62,538		\$23,707,017		
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation							
Total Construction - New & Rem./Renov.					\$23,707,017	Total	0

### CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

#### ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost			\$7,500,000	\$16,207,017			\$23,707,017
1. a.Construction Cost (from above)							
Add'l/Extraordinary Const. Costs							
b.Environmental Impacts/Mitigation							
c.Site Preparation (integration with existing AHC1 & AHC2)			\$350,000				\$350,000
d.Landscape/Irrigation				\$100,000			\$100,000
e.Plaza/Walks (covered walkway reconfiguration of AHC1 & AHC2)				\$650,000			\$650,000
f.Roadway Improvements							\$0
g.Parking ____ spaces							\$0
h.Telecommunication				\$400,000			\$400,000
i.Electrical Service				\$100,000			\$100,000
j.Water Distribution				\$75,000			\$75,000
k.Sanitary Sewer System				\$100,000			\$100,000
l.Chilled Water System				\$150,000			\$150,000
m.Storm Water System				\$120,000			\$120,000
n.Energy Efficient Equipment							\$0
Total Construction Costs	\$0	\$0	\$7,850,000	\$17,902,017	\$0	\$0	\$25,752,017
2. Other Project Costs							
a.Land/existing facility acquisition							
b.Professional Fees			\$960,310	\$1,614,892			\$2,575,202
CM Fees			\$257,520				\$257,520
c.Fire Marshall Fees			\$64,380				\$64,380
d.Inspection Services			\$100,000	\$200,000			\$300,000
e.Insurance Consultant			\$12,876	\$12,876			\$25,752
f.Surveys & Tests			\$80,000	\$40,000			\$120,000
g.Permit/Impact/Environmental Fees			\$50,000	\$70,000			\$120,000
h.Artwork				\$128,760			\$128,760
i.Moveable Furnishings & Equipment				\$2,856,369			\$2,856,369
j.Project Contingency			\$477,179	\$1,272,821			\$1,750,000
k.Construction Service Reimbursement			\$147,735	\$902,265			\$1,050,000
Total - Other Project Costs	\$0	\$0	\$2,150,000	\$7,097,983			\$9,247,983
ALL COSTS 1+2	\$0	\$0	\$10,000,000	\$25,000,000	\$0	\$0	\$35,000,000

#### Appropriations to Date

Source Fiscal Year Amount

#### Project Costs Beyond CIP Period

Source Fiscal Year Amount  
Private 2018-19 \$5,000,000  
PECO 2018-19 \$5,000,000  
Private 2018-19 \$12,500,000  
PECO 2018-19 \$12,500,000

Total Project In CIP & Beyond

TOTAL

TOTAL

\$35,000,000

\$35,000,000

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### CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Remodeling/Renovation of the Deuxieme Maison (DM) Building  
Modesto Maidique Campus

AGENCY PRIORITY 6  
DATE BUILDING PROGRAM  
APPROVED N/A

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#### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

This request will accommodate renovations to space vacated in conjunction with construction of new facilities that require no significant changes in space categories. In addition, it will provide much needed renovation to existing classroom space in the DM building, the second oldest building on campus.

Academic reorganizations and university strategic initiatives such as classroom, class lab and open lab refurbishments, media upgrades, renovations and/or remodeling will take place throughout the building. Large scale renovations will include upgrades to life safety systems and replacements of HVAC, electrical and conveying systems that are not possible in smaller room-by-room-type renovations.

Comprehensive renovation is crucial to compliance with Florida Statute 255.251 Energy Conservation and Sustainable Building Act including Sections 255.252 (3) and (4) regarding retrofitting buildings. FIU is a signatory to the ACUP Climate Commitment with a goal of meeting a minimum rating of USGBC LEED Silver.

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 5).

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#### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.



# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

## 6. REMODEL./RENOV. OF DM BUILDING

PROJECT BT No.:

CIP-3, B - PROJECT DESCRIPTION								
Facility/Space	Net Area	Net to Gross	Gross Area	Unit Cost	Construction	Assumed	Occupancy	
Type	(NASF)	Conversion	(GSF)	(Cost/GSF)*	Cost	Bid Date	Date	
Classroom		1.6	0	\$349.70	\$0	1/1/2020	6/1/2022	
Teaching Lab		1.6	0	\$376.90	\$0			
Study		1.6	0	\$338.82	\$0			
Office/Computer		1.6	0	\$354.39	\$0			
Other Assignable		1.6	0	\$320.88	\$0			
Space Detail for Remodeling Projects								
					BEFORE		AFTER	
					Space	Net Area	Space	Net Area
					Type	(NASF)	Type	(NASF)
Totals	0		0					
*Apply Unit Cost to total GSF based on primary space type								
			NSF					
Remodeling/Renovation			140,807	\$75.00	\$10,560,525			
Total Construction - New & Rem./Renov.					\$10,560,525	Total	0	Total 0

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS				ESTIMATED COSTS				
	Funded to							
	Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP	
Basic Construction Cost			\$5,400,000	\$5,160,525			\$10,560,525	
1. a.Construction Cost (from above)								
Add'l/Extraordinary Const. Costs								
b.Environmental Impacts/Mitigation								
c.Site Preparation							\$0	
d.Landscape/Irrigation							\$0	
e.Plaza/Walks							\$0	
f.Roadway Improvements							\$0	
g.Parking ___ spaces							\$0	
h.Telecommunication							\$0	
i.Electrical Service							\$0	
j.Water Distribution							\$0	
k.Sanitary Sewer System							\$0	
l.Chilled Water System							\$0	
m.Storm Water System							\$0	
n.Energy Efficient Equipment							\$0	
Total Construction Costs	\$0	\$0	\$5,400,000	\$5,160,525	\$0	\$0	\$10,560,525	
2. Other Project Costs								
a.Land/existing facility acquisition								
b.Professional Fees			\$510,000	\$546,053			\$1,056,053	
CM Fees			\$55,000	\$50,605			\$105,605	
c.Fire Marshall Fees			\$15,000	\$11,401			\$26,401	
d.Inspection Services			\$100,000	\$100,000			\$200,000	
e.Insurance Consultant								
f.Surveys & Tests			\$130,000	\$120,000			\$250,000	
g.Permit/Impact/Environmental Fees			\$80,000	\$70,000			\$150,000	
h.Artwork (not applicable)								
i.Moveable Furnishings & Equipment			\$150,000	\$197,416			\$347,416	
j.Project Contingency			\$350,000	\$340,000			\$690,000	
j.Construction Service Reimbursement			\$210,000	\$204,000			\$414,000	
Total - Other Project Costs	\$0	\$0	\$1,600,000	\$1,639,475	\$0	\$0	\$3,239,475	
ALL COSTS 1+2	\$0	\$0	\$7,000,000	\$6,800,000	\$0	\$0	\$13,800,000	

Appropriations to Date

Source Fiscal Year Amount

Project Costs Beyond CIP Period

Source Fiscal Year Amount

Total Project In

CIP & Beyond

TOTAL

Page 75 of 112

TOTAL

\$13,800,000

**CIP-3, D**  
**Higher Educational Facilities**  
**Return on Investment**

This is a tool developed by a collaborative group of stakeholders designed to facilitate the identification of return on investment metrics for higher education facilities. Check any box(es) that apply, provide a quantitative explanation, and identify the term or years in which ROI information is provided.

Institution: Florida International University

Project: Remodel./Renov. of the Deuxieme Maison (DM) building - MMC

Total Project Cost: \$ 13.8 M

Previous Funding (State and Local): \$ 0.0 M

Current Request: \$ 0 M

STEM (Yes or No): YES

Contact Person (Name, Position, Office and Cell Phone No., Email): John M. Cal, AVP, Facilities Management, O: 305-348-4001, C: XXXXXXXXXX e-mail: [jcal@fiu.edu](mailto:jcal@fiu.edu)

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Check any box(es) that apply and provide a quantitative explanation. Identify the term or years in which ROI information is projected.

10. ☐ Number of Additional Degrees and Certificates Produced and How Those Degrees are Meeting the Needs of our State (Job Openings, Average Wages of those Job Openings, etc.)

Explanation:

11. ☐ Number of Additional Students Served and the Benefits/Efficiencies Created (increase graduation rate, alleviate waitlist, increase academic support, etc.)

Explanation:

12. ☐ Amount of Additional Research Funding to be Obtained; Patents Awarded

Explanation:

13. ☐ Project is in an Area of Strategic Emphasis as Determined by the Board of Governors' Gap Analysis or the Department of Economic Opportunity's National Occupational Forecast

Explanation:

14. ☐ Improves the Ranking of a Preeminent Program or Improves on a Performance Funding Model Metric

Explanation:

15. ☐ Increase Business Partnerships Which Will Lead to Guaranteed Internships and Jobs for Students

Explanation:

16. ☒ Project Improves the Use, either Operationally or Academically, of Existing Space

Explanation: These projects include multiple renovation and remodeling needed to adapt classrooms, laboratories, support spaces and office areas to meet current and projected requirements.

17. ☐ Contribution of Local Funds Through Matching Grants, Property Donations, etc.

Explanation:

18. ☒ Reduces Future Deferred Maintenance Cost and Extends the Life of the Facility by Bringing the Project up to Existing Standards (cost-benefit analysis of renovation or new facility vs. maintenance)

Explanation: These projects include major renovations of various buildings at the main campus including five that are more than 40-years old. The renovations will result in significantly better indoor environments, lower energy usage and reduced maintenance costs.

Other Pertinent Information not included above:

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## CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 2

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Green Library Addition  
Modesto Maidique Campus

AGENCY PRIORITY 7  
DATE BUILDING PROGRAM  
APPROVED N/A

---

### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

This project includes expansion of the Green Library, by building an addition to the existing structure. The addition will provide space to be allocated for student study spaces, open group collaborative spaces, group study rooms, and designated graduate student study areas.

Standards of the Association for College and Research Libraries recommend allocating seating for 20% of FTE enrollment. Currently we have seating for approximately 1300 students, roughly 4% of the recommended allocation. This addition will add much needed study space.

The project budget includes extraordinary costs of upgrading and extending existing central campus infrastructure to the project site.

In recognition of the University's commitment to sustainability practices, this project will be designed and built with the goal of meeting the USGBC's LEED-NC "Silver" certification rating level at a minimum. The Project shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 6).

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### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.

# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

## 7. GREEN LIBRARY ADDITION

PROJECT BT No.:

CIP-3, B - PROJECT DESCRIPTION							
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classrooms		1.4	0	\$368.95	\$0	1/1/2021	6/1/2022
Teaching Lab		1.4	0	\$397.64	\$0		
Study	88,000	1.4	123,200	\$357.47	\$44,039,820		
Office/ Computer		1.4	0	\$373.90	\$0		
Instructional Media		1.4	0	\$266.46	\$0		
Campus Support Services		1.4	0	\$338.54	\$0		
Research Lab		1.4	0	\$473.37	\$0		
Space Detail for Remodeling Projects							
				BEFORE		AFTER	
				Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	88,000		123,200		\$44,039,820		
*Apply Unit Cost to total GSF based on primary space type							
Demolition/Remodeling/Renovation	8800		12320		\$4,170,842		
Total Construction - New + Rem./Renov.					\$48,210,663	Total 0	Total 0

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS				ESTIMATED COSTS				Funded & In CIP
	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24		
Basic Construction Cost								
1. a.Construction Cost (from above)				\$7,000,000	\$23,000,000	\$18,210,663		\$48,210,663
Add'l/Extraordinary Const. Costs								
b.Environmental Impacts/Mitigation								
c.Site Preparation				\$300,000				\$300,000
d.Landscape/Irrigation				\$100,000				\$500,000
e.Plaza/Walks				\$250,000				\$250,000
f.Roadway Improvements				\$250,000				\$250,000
g.Parking ____ spaces								\$300,000
h.Telecommunication				\$250,000				\$450,000
i.Electrical Service				\$100,000				\$100,000
j.Water Distribution				\$100,000				\$100,000
k.Sanitary Sewer System				\$200,000				\$200,000
l.Chilled Water System				\$350,000				\$350,000
m.Storm Water System				\$100,000				\$100,000
n.Energy Efficient Equipment				\$25,000				\$25,000
Total Construction Costs	\$0	\$0	\$0	\$9,025,000	\$23,000,000	\$18,210,663		\$50,235,663
2. Other Project Costs								
a.Land/existing facility acquisition								
b.Professional Fees				\$4,018,853				\$4,018,853
CM Fees				\$502,357				\$502,357
c.Fire Marshall Fees				\$125,589				\$125,589
d.Inspection Services				\$125,000	\$225,000	\$50,000		\$400,000
e.Insurance Consultant								
f.Surveys & Tests				\$175,000	\$50,000	\$50,000		\$275,000
g.Permit/Impact/Environmental Fees				\$49,061	\$32,598			\$81,659
h.Artwork						\$176,450		\$176,450
i.Moveable Furnishings & Equipment					\$34,870	\$3,949,558		\$3,984,428
j.Project Contingency				\$478,042	\$1,207,532	\$1,564,427		\$3,250,000
k.Construction Service Reimbursement				\$501,098	\$450,000	\$998,902		\$1,950,000
Total - Other Project Costs	\$0	\$0	\$0	\$5,975,000	\$2,000,000	\$6,789,337		\$14,764,336
ALL COSTS 1+2	\$0	\$0	\$0	\$15,000,000	\$25,000,000	\$25,000,000		\$65,000,000

Appropriations to Date			Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	

TOTAL	\$0	TOTAL	\$65,000,000
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## CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Science & Humanities Center (S.T.E.A.M)  
Modesto Maidique Campus

AGENCY PRIORITY 8  
DATE BUILDING PROGRAM  
APPROVED N/A

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### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

This project includes a new Humanities Center for the College of Arts and Sciences. The College of Arts and Sciences is experiencing continued growth and current facilities are not adequate to meet current or projected needs. The College of Arts and Sciences embraces nearly half the student body at FIU and awards close to 40% of all degrees. Arts & Sciences touches almost every student at some point in their education and offers 72 degree programs.

The Humanities Center will be an integral part of the College. The provision of adequate facilities for these core classes is integral to meeting current needs and is an essential element of the University's strategy to retain students and increase graduation rates. The Center will house a range of programs including English, Modern Languages, History, Linguistics, Asian Studies and Philosophy and will work in concert with other programs in the College.

The project budget includes extraordinary costs of upgrading and extending existing central campus infrastructure to the project site.

In recognition of the University's commitment to sustainability practices, remodeling/renovation projects will be designed and built with the goal of meeting the USGBC's LEED-NC "Silver" certification rating level at a minimum. All projects shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 15).

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### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.

# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

**8. SCIENCE & HUMANITIES CENTER (S.T.E.A.M.)**

PROJECT BT No.:

CIP-3, B - PROJECT DESCRIPTION							
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classroom	5,500	1.6	8,800	\$368.95	\$3,246,732	1/1/2022	6/1/2023
Teaching Lab	15,000	1.6	24,000	\$397.64	\$9,543,409		
Study	4,000	1.6	6,400	\$357.47	\$2,287,783		
Research Lab	5,000	1.6	8,000	\$473.37	\$3,786,942		
Office/Computer	15,500	1.6	24,800	\$373.90	\$9,272,682		
Other Assignable	5,000	1.6	8,000	\$338.54	\$2,708,339		
Space Detail for Remodeling Projects							
				BEFORE		AFTER	
				Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	50,000		80,000				
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation							
Total Construction - New & Rem./Renov.				\$30,845,888	Total	0	Total 0

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS		ESTIMATED COSTS						
	<u>Funded to</u>							
Basic Construction Cost	<u>Date</u>	<u>2019-20</u>	<u>2020-21</u>	<u>2021-22</u>	<u>2022-23</u>	<u>2023-24</u>	<u>Funded &amp; In CIP</u>	
1. a.Construction Cost (from above)					\$17,499,115	\$13,346,773	\$30,845,888	
Add'l/Extraordinary Const. Costs								
b.Environmental Impacts/Mitigation							\$0	
c.Site Preparation					\$500,000		\$500,000	
d.Landscape/Irrigaiton						\$200,000	\$200,000	
e.Plaza/Walks					\$150,000		\$150,000	
f.Roadway Improvements							\$0	
g.Parking ____ spaces					\$500,000		\$500,000	
h.Telecommunication					\$100,000		\$100,000	
i.Electrical Service					\$500,000		\$500,000	
j.Water Distribution					\$200,000		\$200,000	
k.Sanitary Sewer System					\$350,000		\$350,000	
l.Chilled Water System					\$100,000		\$100,000	
m.Storm Water System					\$300,000		\$300,000	
n.Energy Efficient Equipment							\$0	
Total Construction Costs	\$0	\$0	\$0	\$0	\$20,199,115	\$13,546,773	\$33,745,888	
2. Other Project Costs								
a.Land/existing facility acquisition								
b.Professional Fees					\$2,518,400	\$350,000	\$2,868,400	
CM Fees					\$337,459		\$337,459	
c.Fire Marshall Fees					\$84,365		\$84,365	
d.Inspection Services					\$250,000		\$250,000	
e.Insurance Consultant					\$16,873	\$16,873	\$33,746	
f.Surveys & Tests					\$50,000	\$50,000	\$0	
g.Permit/Impact/Environmental Fees					\$120,000		\$120,000	
h.Artwork						\$168,729	\$168,729	
i.Moveable Furnishings & Equipment						\$5,531,412	\$5,531,412	
j.Project Contingency					\$514,719	\$1,835,281	\$2,350,000	
k.Construction Service Reimbursement					\$409,068	\$1,000,933	\$1,410,000	
Total - Other Project Costs	\$0	\$0	\$0	\$0	\$4,300,885	\$8,953,227	\$13,254,112	
ALL COSTS 1+2	\$0	\$0	\$0	\$0	\$24,500,000	\$22,500,000	\$47,000,000	

Appropriations to Date

Source Fiscal Year Amount

Project Costs Beyond CIP Period

Source Fiscal Year Amount

Total Project In

CIP & Beyond

TOTAL

TOTAL

\$47,000,000

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### CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Remodeling/Renovation of Academic Data Center  
Modesto Maidique Campus

AGENCY PRIORITY 9  
DATE BUILDING PROGRAM  
APPROVED N/A

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#### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

This request will accommodate renovation and remodeling of space vacated in conjunction with construction of new facilities that require no significant changes in space categories. In addition, it will provide much needed renovation to existing data room spaces in various buildings university wide.

The current Data Center is outdated and at capacity. This proposal for a new Data Center will offer several key benefits, which include increased data center space to implement new technologies that will improve efficiencies. This project will also allow the University to save money on cooling by having an area to consolidate University servers in one location.

The project budget includes extraordinary costs of upgrading and extending existing central campus fiber optic backbone infrastructure to the project site.

In recognition of the University's commitment to sustainability practices, remodeling/renovation projects will be designed and built with the goal of meeting the USGBC's LEED "Silver" certification rating level at a minimum. All projects shall comply with Florida Statutes 255.251 Energy Conservation and Sustainable Buildings Act including 255.252 (3) and (4).

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 11).

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#### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.



# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Modesto Maidique Campus**

COUNTY: **Miami-Dade County**

## 9. REMODEL./RENOV. ACADEMIC DATA CENTER

PROJECT BT No.:

### CIP-3, B - PROJECT DESCRIPTION

Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classroom		1.6	0	\$368.95	\$0	1/1/2021	6/1/2022
Teaching Lab		1.6	0	\$397.64	\$0		
Study		1.6	0	\$357.47	\$0		
Office/Computer		1.6	0	\$373.90	\$0		
Space Detail for Remodeling Projects							
				BEFORE		AFTER	
				Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	0		0		\$0		
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation			24,000	\$475.00	\$11,400,000		
Total Construction - New & Rem./Renov.					\$11,400,000	Total	0

### CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

#### ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost							
1. a.Construction Cost (from above)					\$8,970,800	\$2,429,200	\$11,400,000
Add'l/Extraordinary Const. Costs							
b.Environmental Impacts/Mitigation							
c.Site Preparation							\$0
d.Landscape/Irrigation							\$0
e.Plaza/Walks							\$0
f.Roadway Improvements							\$0
g.Parking ____ spaces							\$0
h.Telecommunication					\$1,500,000		\$1,500,000
i.Electrical Service							\$0
j.Water Distribution							\$0
k.Sanitary Sewer System							\$0
l.Chilled Water System							\$0
m.Storm Water System							\$0
n.Energy Efficient Equipment					\$500,000		\$500,000
Total Construction Costs	\$0	\$0	\$0	\$0	\$10,970,800	\$2,429,200	\$13,400,000
2. Other Project Costs							
a.Land/existing facility acquisition							
b.Professional Fees					\$1,000,000	\$340,000	\$1,340,000
CM Fees					\$114,000	\$20,000	\$134,000
c.Fire Marshall Fees					\$28,500	\$5,000	\$33,500
d.Inspection Services					\$30,000	\$120,000	\$150,000
e.Insurance Consultant					\$6,700	\$6,700	\$13,400
f.Surveys & Tests					\$50,000	\$30,000	\$80,000
g.Permit/Impact/Environmental Fees					\$25,000	\$25,000	\$50,000
h.Artwork (not applicable)						\$0	\$0
i.Moveable Furnishings & Equipment						\$2,739,100	\$2,739,100
j.Project Contingency					\$250,000	\$725,000	\$975,000
k.Construction Service Reimbursement					\$300,000	\$285,000	\$585,000
Total - Other Project Costs	\$0		\$0	\$0	\$1,804,200	\$4,295,800	\$6,100,000
ALL COSTS 1+2	\$0	\$0	\$0	\$0	\$12,775,000	\$6,725,000	\$19,500,000

Appropriations to Date

Source Fiscal Year Amount

Project Costs Beyond CIP Period

Source Fiscal Year Amount

Total Project In

CIP & Beyond

TOTAL

TOTAL

\$19,500,000

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### CIP-3 SHORT-TERM PROJECT EXPLANATION

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CIP-3, A – NARRATIVE DESCRIPTION

Page 1 of 1

AGENCY: Florida International University  
BUDGET ENTITY: State University System  
PROJECT TITLE: Remodeling/Renovation of the Owa Ehan (OE) Building  
Modesto Maidique Campus

AGENCY PRIORITY 10  
DATE BUILDING PROGRAM  
APPROVED N/A

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#### PURPOSE, NEED, SCOPE, RELATIONSHIP OF PROJECT TO AGENCY OBJECTIVES

This request will accommodate renovations to space vacated in conjunction with construction of new facilities that require no significant changes in space categories. In addition, it will provide much needed renovation to existing classroom space in the DM building, the second oldest building on campus.

Academic reorganizations and university strategic initiatives such as classroom, class lab and open lab refurbishments, media upgrades, renovations and/or remodeling will take place throughout the building. Large scale renovations will include upgrades to life safety systems and replacements of HVAC, electrical and conveying systems that are not possible in smaller room-by-room-type renovations.

Comprehensive renovation is crucial to compliance with Florida Statute 255.251 Energy Conservation and Sustainable Building Act including Sections 255.252 (3) and (4) regarding retrofitting buildings. FIU is a signatory to the ACUP Climate Commitment with a goal of meeting a minimum rating of USGBC LEED Silver.

This project is included in the "2015-2020 Educational Plant Survey" dated 1/20/2016, recommendation 5).

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#### STATISTICAL JUSTIFICATION

The Statistical Justification portion of the CIP-3 is not required this year.

# STATE UNIVERSITY SYSTEM

CIP-3 SHORT TERM PROJECT EXPLANATION

Page 1 of 1

GEOGRAPHIC LOCATION: **Biscayne Bay Campus, North Miami**

COUNTY: **Miami-Dade County**

## 10. REMODEL./RENOV OF OE BUILDING

PROJECT BT No.:

### CIP-3, B - PROJECT DESCRIPTION

Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Classroom		1.6	0	\$368.95	\$0	1/1/2020	6/1/2022
Teaching Lab		1.6	0	\$397.64	\$0		
Study		1.6	0	\$357.47	\$0		
Office/Computer		1.6	0	\$373.90	\$0		
Space Detail for Remodeling Projects							
				BEFORE		AFTER	
				Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Totals	0		0		\$0		
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation			ACC II /2 117,306	\$140.00	\$16,422,840		
Total Construction - New & Rem./Renov.					\$16,422,840	Total	0

### CIP-3, C - SCHEDULE OF PROJECT COMPONENTS

#### ESTIMATED COSTS

	Funded to Date	2019-20	2020-21	2021-22	2022-23	2023-24	Funded & In CIP
Basic Construction Cost							
1. a. Construction Cost (from above)					\$8,250,000	\$8,172,840	\$16,422,840
Add'l/Extraordinary Const. Costs							
b. Environmental Impacts/Mitigation							
c. Site Preparation							\$0
d. Landscape/Irrigation							\$0
e. Plaza/Walks							\$0
f. Roadway Improvements							\$0
g. Parking ___ spaces							\$0
h. Telecommunication							\$0
i. Electrical Service							\$0
j. Water Distribution							\$0
k. Sanitary Sewer System							\$0
l. Chilled Water System							\$0
m. Storm Water System							\$0
n. Energy Efficient Equipment							\$0
Total Construction Costs	\$0	\$0	\$0	\$0	\$8,250,000	\$8,172,840	\$16,422,840
2. Other Project Costs							
a. Land/existing facility acquisition							
b. Professional Fees					\$750,000	\$728,056	\$1,478,056
CM Fees					\$108,310	\$55,918	\$164,228
c. Fire Marshall Fees					\$27,077	\$13,980	\$41,057
d. Inspection Services					\$77,498	\$154,995	\$232,493
e. Insurance Consultant							
f. Surveys & Tests					\$83,333	\$166,667	\$250,000
g. Permit/Impact/Environmental Fees					\$50,000	\$100,000	\$150,000
h. Artwork (not applicable)							\$0
i. Moveable Furnishings & Equipment					\$250,000	\$75,184	\$325,184
j. Project Contingency					\$483,782	\$337,360	\$821,142
k. Construction Service Reimbursement					\$420,000	\$195,000	\$615,000
Total - Other Project Costs	\$0	\$0	\$0	\$0	\$2,250,000	\$1,827,160	\$4,077,160
ALL COSTS 1+2	\$0	\$0	\$0	\$0	\$10,500,000	\$10,000,000	\$20,500,000

Appropriations to Date

Source Fiscal Year Amount

Project Costs Beyond CIP Period

Source Fiscal Year Amount

Total Project In

CIP & Beyond

TOTAL

TOTAL

\$20,500,000

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**  
**June 6, 2018**

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**Reports** *(For Information Only – no action required)*

Pete Garcia, *Executive Director of Sports and Entertainment*

**Fundraising Report**

**FIU Foundation, Inc.**  
**Unaudited Preliminary Recap**  
**Through the Period Ended March 31, 2018 (in thousands)**

	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>
Revenues	\$1,212	\$1,062	(\$150)

- Unfavorable to budget due to timing of gift revenue collection.

**Athletics Finance Corporation**

**FIU Athletics Finance Corporation**  
**Unaudited Preliminary Recap**  
**Through the Period Ended March 31, 2017 (in thousands)**

	<b>Budget</b>	<b>Actual</b>	<b>Variance</b>
Revenues	\$3,114	\$3,071	(\$43)
Expenses	\$2,027	\$1,891	\$136

- Year-to-date Net Income including debt service was \$1,180,000 favorable to budgeted \$93,000.
  - Primary drivers include:
    - Revenue variance due to actual football ticket sales being slightly lower than budgeted due to loss of home opener.
    - Expense variance due to lower than budgeted debt service interest payments.
- The debt coverage covenant requirement is forecasted to be met for the period ending June 30, 2018.

**Athletics Update: EngageMint, Inc. Consulting Services**

- In an effort to address the declining college football attendance nationally, in Conference USA and at FIU, the University has hired outside consultants (EngageMint) to review the campus-wide sales, marketing and branding initiatives.
- EngageMint has conducted thousands of surveys, speaking to our alumni, students and fans. This feedback will help shape the recommended course of action.
- EngageMint has conducted sessions with various units on campus. They have also engaged with Fraternity and Sorority Life, campus Resident Assistants, student organizations and others.
- Recommendations, as well as action plans and implementations, will be forthcoming.

## THE FLORIDA INTERNATIONAL UNIVERSITY BOARD OF TRUSTEES Finance and Facilities Committee

June 6, 2018

BUSINESS SERVICES REPORT AS OF MARCH 31, 2018

### NEW SERVICES AND HIGHLIGHTS



**Tropical Smoothie Café**, managed by Aramark, re-opened after a substantial refresh and contributed to the third quarter's success with sales of \$261.8K due to its popularity and convenient location in the newly expanded Recreation Center.



**Sergio's** opened their fast-casual bowl concept in the Graham Center this Fall term. They occupy one of three storefronts previously used by Subway. Their authentic Cuban food menu features a selection of bowls with rice, beans, and traditional dishes as well as healthy menu items catering to paleo and low-sugar diets. Weekly sales average \$16K, placing them on track to exceed \$700K their first year.



**Misha's** opened this Fall in PG-5 in the location of the former Juice Blendz. Their wide assortment of cupcakes has appealed to our community's sweettooth as weekly sales average \$2.6K, placing them on track to exceed \$100K their first year.

### Hurricane Irma

The September 2017 storm negatively impacted operations when compared to the prior year. **Food Services** September commissions of \$239.3K fell 28% (-\$94.9K) from the prior year. **Bookstore and Retail** September commissions fell by \$24.0K and \$4.1K from the prior year. **Vending** commissions fell by \$25.8K.

## FOOD SERVICES RECAP

Through the three quarters ended March 31, 2018, \$18.7M in Food Services sales have generated commissions of \$1.92M, down 5.6% as compared to the same period last year. In the Spring, the Dining Competitive Solicitation kicked-off with a timeline to award and launch operations under a new contract in Fall 2018. Aramark is the current food service provider.



**Aramark** continues to recover from the mandatory closure attributed to Hurricane Irma, and is currently trailing 5% behind plan and 2% from prior year. This is mainly offset by the strong openings of Sergio's Cuban Kitchen, Misha's Cupcakes, and Tropical Smoothie Café.



**Vicky Café** had year-to-date sales of \$798K, translating to \$46K commissions for the three quarters ended March 31, 2018. Vicky's performance contributed to the third quarter's success with sales of \$269K.



**Café at EC** (Engineering Center) continues to outpace both prior year and planned sales, despite the mandatory closure attributed to Hurricane Irma. Weekly sales average \$8K, on track to exceed \$420K this year, a 10% increase from last year, translating into a 11% increase from plan and 12% from prior year. The addition of the LaCarreta on the first floor is a large contributing factor to the Café's success.



## BOOKSTORE RECAP

Through the three quarters ended March 31, 2018, \$7.2M in Bookstore sales have generated commissions of \$1.16M, down \$86K as compared to the same period last year.

**Book Merchandise** sales continue to decline, attributable to competing platforms (e.g. Amazon and Chegg). **General Merchandise, Café/Convenience Store and Other** sales mostly comprised of commencement, school spirit clothing, accessories, dorm furnishings continue to outperform plan.



**Price Match Program** is another way B&N counters sales from discount online retailers. For Spring 2018, B&N matched 697 units, a total discount of \$18.7K and matching funds of \$63.7K. Since its inception in Spring 2016, 3,694 units have been matched, a total discount of \$102K, and matching funds of \$361K. This Spring was 7.7% more successful than the prior year in participation and the average discount per unit remains steady at \$28.

**First Day Program** soft-launched its pilot the first four weeks of the Spring term for two courses: SOP 3004 Introductory Social Psychology (two sections within the course) and MCB 2000 Molecular and Cell Biology. This program is intended to provide course materials at a very low cost to students and specifically designed for courses with digital materials (e.g. e-books). Discounted pricing is achieved because publishers lower their base price and the bookstore lowers its profit margin. "First Day" pricing is only available at the term onset aimed at incentivizing students to buy materials at the beginning of the course and be prepared on the first day of class. A more robust pilot launch in the Summer and Fall 2018 will depend on suggested improvements from the Spring results and technological readiness.

### Results of the First Day Program Pilot:

Publisher	Course	Enrolled	Purchased	No Action	Sell-Thru	BestPrice NationalPrice	Student Savings
McGraw Hill	SOP 3004 U02	150	194	65	66%	\$72.50   112.50*	\$40 or 36%
	SOP 3004 U01	143					
	MCB 2000 U01	250	72	147	29%	\$70.00   \$125*	\$55 or 44%

\* McGraw Hill was offering direct sale to students following the four-week pilot at \$90 for the SOP course and \$85 for the MCB course (this is the publisher-direct price).

- Sell-thru rate refers to the percentage of students of those taking the course who purchase the course materials. The typical sell-thru rate on a course that is not First Day is between 30 and 35%.
- Whether or not the professors utilize the “connect” features offered with the course materials impacts whether or not the students buy the materials. A professor who uses this resource basically requires students to submit e-assignments available only as part of the course materials. A professor who does not use this resource does not have this requirement. Therefore, students with professors that require the “connect” functionality will more likely buy the materials. In this pilot both SOP professors used the “connect” functionality but the MCB professor did not. This is the main driver for the higher sell-thru of one course over the other.

## VENDING

Through the three-quarter period ended March 31, 2018, \$970K in Vending sales have generated commissions of \$318K, down \$78K as compared to the same period last year. Overall year-to-date revenues are down by 20% (Q1 -27%, Q2 -7%, Q3 -24%) compared to the same period in the prior year.

The variance is mainly due to Hurricane Irma's mandatory campus closure and card-reader connectivity issues (post Hurricane Irma) resulting from a down cell-phone tower near the Biscayne Bay Campus (BBC). All vending machine card-readers depend on this signal for credit card transactions. The outage impacted sales far beyond the time of campus closure as the machines were unable to read credit cards until the tower was operational.



**Pepsi Co.** sales for the three quarters ended March 31, 2018 of \$519K represent a 20% decline compared to the same period last year mainly due to mandatory campus closure in the wake and aftermath of Hurricane Irma. There are 137 machines across the Modesto A. Maidique Campus (MMC), BBC, and EC.



**Right Choice Vending** sales for the three quarters ended March 31, 2018 of \$451K represent a 19% decline compared to the same period last year mainly due to mandatory campus closure in the wake and aftermath of Hurricane Irma. There are 101 machines across MMC, BBC and EC serving snack, food, coffee and ice cream. Within this product mix, food and ice cream are outperforming both the prior year and plan.

In a continuous effort to improve performance:

- Machines were reconfigured after a product-mix and sales assessment.
- An upgrade of older snack machines with newer models is underway and expected to be completed by the end of the Spring term.

- We are exploring opportunities to place machines in the Green Library and MMC Recreation Center to expand product availability around-the-clock in different locations.

## RETAIL OPERATIONS RECAP

**COLLEGE OPTICAL**  
EXPRESS @ FIU



**GOLDEN TOUCH**  
HAIRCUTS & SHAVES

**RICOH @ FIU**

Through the three-quarter period ended March 31, 2018, Retail sales have generated commissions of \$111K and \$264K in license fees.

**GT Eco Carwash** applies its mist technology (0.675gal versus 75gal water per wash) to keep its sustainability status in water conservation. Year-to-date's success with sales exceeded \$220K, outpacing the same period prior year by 8% translating in increased commissions of 9% from a tiered commission structure.

**Ricoh @ FIU** located in the Graham Center provides the easiest way for users to access, pay and print in a completely self-serve environment offering enhanced mobile and cloud capabilities. Sales of \$702K represent a 2.5% rise compared to the same period last year. There are 33 machines serving MMC, BBC, EC, Brickell and FIU@I-75 and they have just renewed for another five year term with the University.

**Pharmabox** sales of \$52K from two machines located in the Green Library and the Graham Center generate \$8K in commissions year-to-date. Advil liqui-gels, clear band-aids, and Vicks Dayquil Cold&Flu gel caps are their top-selling items. We are exploring opportunities for expanding to other locations including BBC.

**Santi's Salon** sales of \$312K represent a 19% decline compared to the same period last year mainly due to mandatory campus closure in the wake and aftermath of Hurricane Irma.



**Retail Property Management** through rental agreements with 15 internal and external users have contributed \$264K year-to-date towards rent for retail spaces spanning MMC and BBC campuses. We are exploring opportunities for PG-6 expansion at this time, scheduled to be complete in early 2019.

#### QUICK FACTS

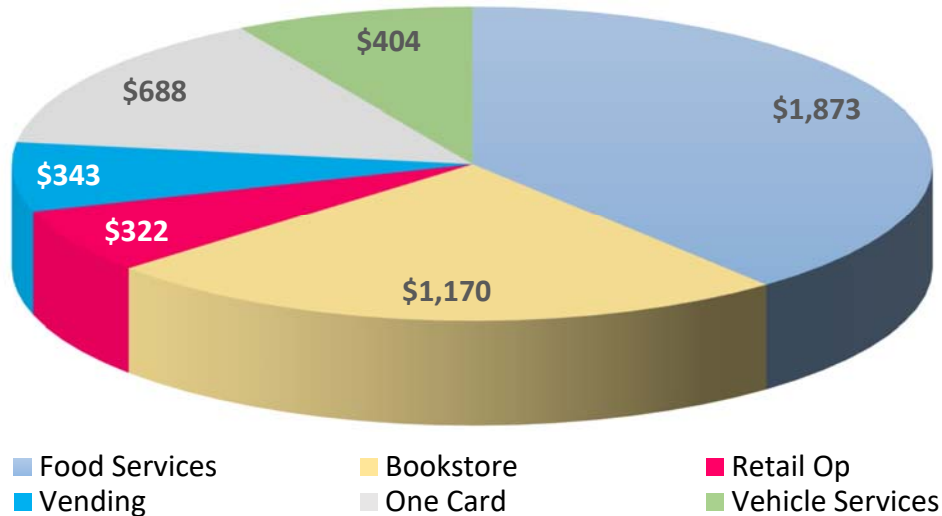
**Scope:** 55 food and retail venues, beverage and snack vending, FIU One Card Program, fleet services, multi-use facilities, property management and advertising. All information on food and retail including hours of operation may be found at [www.shop.fiu.edu](http://www.shop.fiu.edu) and on the FIU Mobile App under the “Places” link.

**Investments:** For FY 17-18, Business Services is committed to invest approximately \$6M to improve and expand existing facilities, expand service offerings and increase indoor and outdoor seating to help foster affinity and retention at FIU. Our commitment also extends to contribute over \$1.7M to fund University initiatives, provide scholarships, underwrite student services and support FIU facilities.

**Revenue:** For the three quarters ended March 31, 2018, Business Services managed sales of \$21M from operations, representing \$5M in revenue to FIU (\$4.2M in Commissions and \$.53M in Grants).

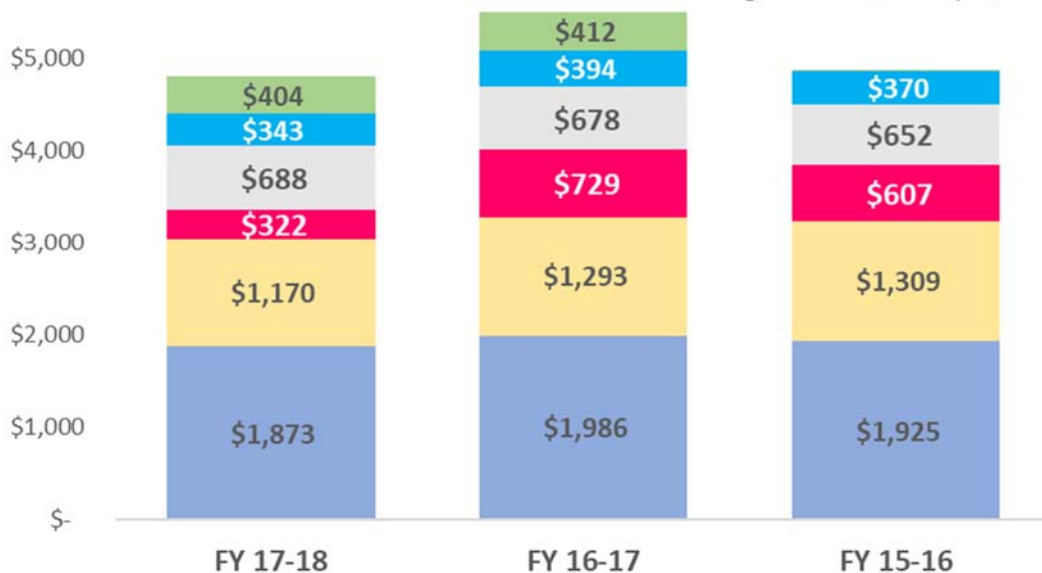
## OPERATING REVENUES

**Year-to-date FIU Operating Revenues by Business Segment**  
For the period ended Mar. 31, 2018 (in \$000s)



**Note:** Vehicle Services was not under Business Services in FY 15-16; therefore, figures available FY 16-17-date.

**3 year Comparison of YTD FIU Revenue**  
through Mar. 31, 2018 (in \$000s)



### Finance and Administration

11200 SW 8<sup>th</sup> Street \* DC 121 \* Miami, FL 33199 \* Tel: (305) 348-2187 \* Fax: (305) 348-2832 \* Web: [obs.fiu.edu](http://obs.fiu.edu)



**THE FLORIDA INTERNATIONAL UNIVERSITY  
BOARD OF TRUSTEES  
Finance and Facilities Committee  
June 6, 2018**

**EMERGENCY MANAGEMENT STATUS REPORT AS APRIL 19, 2018**

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**Report** *(For Information Only – no action required)*

**Training and Exercises**

On March 14, 2018, a tabletop exercise with the University President's executive staff was conducted in the Emergency Operations Center. The scenario addressed recovery issues following an active shooter incident.

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**  
**June 6, 2018**

**FACILITIES AND CONSTRUCTION UPDATE AS OF APRIL 25, 2018**

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**Report** *(For Information Only – no action required)*

**Projects Completed**

- **Satellite Chiller Plant Expansion (BT-834)** - \$7.7M Public Education Capital Outlay (PECO). A/E – SGM; CM – Poole & Kent. The \$7.6M initial phase of construction to complete the building with two chillers and two cooling towers was completed in February 2013. The \$7.7M of additional funding for Phase II added two generators, two additional chillers, two additional cooling towers, and the supporting equipment to complete the original project scope. Space will still be available for a fifth and final chiller/cooling tower set when that capacity is needed. Substantial completion for the project was achieved on March 8, 2018 with punch list and final commissioning scheduled to be complete by the end of the April.

**Projects under Construction**

- **Recreation Center Expansion (BT-903)** - \$26.7M Capital Improvement Trust Fund (CITF), Housing Auxiliary Fund, and Student Government Association (SGA) project budget. A/E – HKS; CM – Moss Construction (67,487 gsf). Funding spans five (5) years of CITF allocations. The project expanded the existing facility into Parking Lot #8 and includes an indoor basketball/volleyball gym, a weight training room, additional locker rooms, exterior basketball courts, sand volleyball courts, and a mezzanine level to include a jogging track. The expansion more than doubled the prior capacity of 50,765 gsf. \$2.6M in additional funding was provided in May 2017 to renovate and expand Tropical Smoothie and refurbish the locker rooms in the existing Rec Center. Tropical Smoothie opened on October 30, 2017 to the public and the ribbon-cutting ceremony celebrating the grand opening of the entire facility was held on December 4, 2017. The Tropical Smoothie exterior canopy, a long-lead item requiring additional design and modification to the existing curtainwall, is scheduled for installation in May 2018.
- **University City Prosperity Project (UCPP) (BT-904)** - \$14.7M TIGER Grant project budget; multiple funding sources. Design/Build Team – MCM+FIGG. The project

consisted of urban design and infrastructure improvements along SW 109th Avenue between SW 6th Street and SW 10th Street, including a new pedestrian bridge over SW 8th Street, complete streets, and other pedestrian-oriented transit access improvements. These infrastructure improvements aimed to support the synergistic integration of FIU and the adjacent City of Sweetwater. Most importantly, the pedestrian bridge intended to provide a safe way to reconcile pedestrian and vehicular traffic. Tragically, early afternoon on Thursday, March 15, 2018, the main bridge section collapsed, only five days after its placement across US 41. The cause for the collapse, which killed six people and injured nine more, is being investigated by the National Transportation Safety Board (NTSB) and others and their work will need to be completed before conclusions can be reached as to what caused the collapse. FIU is a party to the NTSB investigation and has been cooperating fully in this effort. In addition, on March 19, 2018, Florida Governor Rick Scott directed the Florida Department of Transportation Secretary to suspend the payment of all federal funding for the bridge pending the completion of the NTSB investigation.

- **Multi-Purpose Practice Fields (BT-916)** - \$9.4M; multiple funding sources. A/E - Stantec; CM - Moss Construction. The project installed two (2) full-sized practice fields, one natural grass and the other artificial turf, and a 3,500 gsf scalable multi-purpose field support facility. It also includes a faculty-designed wetlands expansion south of the preserve. The artificial turf field was completed and turned-over for use in late July 2017 while the grass field was completed in early July and turned-over for use in late September after successful sod establishment. The baseball stadium batter's eye, practice field kicking nets, play clocks and scoreboards have been installed and the walking track is complete. All work in the Preserve was finished at the end of January 2018. The Field Support Building achieved Temporary Certificate of Occupancy on March 9, 2018. Target delivery date for the additional canopy, exterior lighting elements, decorative eyebrows, and surrounding landscaping is the end of June 2018.

### **Projects in Design**

- **Frost Museum of Science Batchelor Environmental Center at FIU (BT-913) (Phase II)** - \$1.8M privately funded project budget. A/E - MC Harry & Associates; CM - Stobs Brothers Construction. To date, \$200K has been received for Phase II design services. Combined with Phase I funding already received, \$2.4M of the \$5M commitment has been released to FIU. Phase II will be a classroom and lab building (approximately 3,000 gsf), with the remaining animal holding areas to be added at a future date when additional grant funding is received by the Frost Museum. The \$1.3M equipment budget for the project was reduced to increase the Phase II construction budget to \$1.1M for the building only; the budget will require an additional contribution of \$245,719 from the Frost Museum. Transfer of the project funding balance will be necessary once agreement is reached on the GMP to proceed

with construction. 95% Construction Documents have been submitted for review. The project is on hold pending resolution of gift agreement terms and new program requirements. Delivery date: TBD.

- **International Center for Tropical Botany (BT-914) at The Kampong** - \$5.0M privately funded project budget. A/E – MC Harry; CM – Thornton Construction. The project will construct a new approximately 12,000 gsf facility on a site immediately adjacent to the National Tropical Botanical Garden (NTBG) property in Coconut Grove to house educational, lab, and office spaces. Programming was formally approved August 28, 2015 and the project went into design development based on the program criteria at that time. The warrant package submitted in June 2016 was revised and resubmitted on September 29, 2017 addressing all comments from the City of Miami Zoning and Planning Department. The revised submittal was accepted and approval has been placed on hold pending resolution of community concerns raised during several outreach meetings regarding building size, height, parking and site lighting. This effort is required to avoid an appeal of the warrant by the community. Subsequently, one of the neighboring property owners proposed adjustments to the building's aesthetic design as part of a gift agreement to the University. The architect and project team have determined these changes are possible within the current project budget, including the proposed additional gift. The project is back in schematic design to accommodate the changes requested as part of the proposed agreement. Completion of the warrant process, design phase, and construction start is contingent upon finalizing the gift agreement with the donor and a separate agreement with the neighbors addressing their concerns. Negotiations with all parties are ongoing. Target delivery date: TBD.

### **Projects in Planning Stage**

- **Parkview II Housing (BT-892)** - \$66.5M bond proceed and Housing Auxiliary funded project budget. A/E – Perkins+Will; CM – TBD. The project includes construction of a new 656 private bedroom style residence hall on the Modesto A. Maidique campus with a 300-car garage. The planning effort began on April 26, 2017 with a kick-off program committee meeting. Final selection and approval of the site in Parking Lot 6 was granted on July 11, 2017. Underground utility infrastructure and roadway modifications will be assessed to determine additional cost impacts. The program was approved on September 27, 2017. Perkins+Will was selected as the architect pending execution of the agreement. The advertisement for the Construction Manager is scheduled to post by mid-May.
- **Hotel, Conference and Alumni Center** – Public-Private Partnership (P3) project. Developer/Operator - TBD; Architect - TBD; CM -TBD. Award to the successful Invitation to Negotiate respondent is pending Florida Board of Governors, Division of Bond Finance, and Board of Trustees of the Internal Improvement Trust Fund

approval, and the conclusion of negotiations resulting in fully executed Operating and Sublease agreements.

- **School of International and Public Affairs (SIPA) Phase II (BT-887)** - \$30.0M project consisting of \$12,701,439 PECO funding and \$15,000,000 private donation (current shortfall: \$2,298,561). A/E - TBD; CM - TBD. The project includes classrooms, conference facilities, offices, language and technology labs, negotiation and mediation facilities, and experimental teaching space. PECO funding for the project was received in June with the condition that all private funds be expended before any PECO monies. The timing of the private construction donation is still pending. Options to cover the shortfall of \$2,298,561 are being analyzed. Programming began on November 13, 2017 and continues as new requirements to accommodate FIU Online are addressed.
- **Engineering Building (Phase I and II) (BT-919)** - \$150.0M PECO and privately funded project budget. A/E - TBD; CM - TBD. The project to build a new engineering building on the Modesto A. Maidique Campus will include classrooms, teaching labs, study space, research labs, offices, and computer and instructional media spaces. To date, \$10M in FY 17-18 PECO funding has been received with another \$20,641,537 authorized for FY 18-19. Pre-programming efforts are currently taking place.
- **PG-5 Emergency Operations Center Expansion (BT-923)** - \$5.5M Educational and General (E&G)-CF, Auxiliary, and Treasury funded project budget. A/E - TBD; CM - TBD. The proposed expansion will utilize approximately 9,000 square feet of space on the second floor of PG-5 just east of the existing space utilized by Public Safety and Emergency Management to provide a large emergency operations center, food storage and service operations, equipment storage, offices, conference rooms, and meeting breakout rooms. Additionally, approximately 2,500 square feet of the existing space will be reconfigured to provide a locker room, showers, sleeping space, laundry service space, and offices that are needed during emergency events when occupied on a continuous basis, not only by Public Safety and Emergency Management personnel but also FIU essential personnel from Facilities, Information Technology, External Relations, FIU Health, Environmental Health & Safety, Parking and Transportation, Finance and Administration, and Business Services. Programming is complete and the A/E advertisement was posted on April 10, 2018.

**FIU FOUNDATION, INC.**

**FINANCIAL STATEMENTS RECAP  
& INVESTMENT SUMMARIES**

**March 31, 2018**

**FIU FOUNDATION, INC.**  
**Recap of Statement of Activities \***  
**For the Period Ended March 31, 2018**

(In Thousands of Dollars)

	2017-18 9-Month Budget	2017-18 9-Month Actuals	Budget to Actual 9-Month Variance		2017-18 Annual Budget	2016-17 9-Month Actuals	Current Year to Previous Year Variance
<b>REVENUES:</b>							
Cash Contributions	\$ 20,828	\$ 23,124	\$ 2,296	[1]	\$ 30,407	\$ 20,136	\$ 2,988
MARC Building	\$ 1,253	\$ 1,305	\$ 52		\$ 1,687	\$ 1,348	\$ (43)
Foundation Subsidiaries	\$ 221	\$ 255	\$ 34		\$ 294	\$ 1,001	\$ (746)
Estimated Investment Returns, Net of Fees	\$ 8,412	\$ 14,611	\$ 6,199	[2]	\$ 11,968	\$ 19,118	\$ (4,507)
<b>TOTAL REVENUES</b>	<b>\$ 30,714</b>	<b>\$ 39,295</b>	<b>\$ 8,581</b>		<b>\$ 44,356</b>	<b>\$ 41,603</b>	<b>\$ (2,308)</b>
<b>EXPENSES:</b>							
<u>University Programs:</u>							
Scholarships & Programs	\$ 15,445	\$ 20,196	\$ (4,751)	[3]	\$ 21,611	\$ 13,626	\$ (6,570)
Building Funds	\$ 1,063	\$ 368	\$ 695		\$ 1,750	\$ 209	\$ (159)
Unrestricted Annual Expenses	\$ 1,776	\$ 1,334	\$ 442		\$ 2,208	\$ 1,314	\$ (20)
<b>TOTAL UNIVERSITY PROGRAMS EXPENSES</b>	<b>\$ 18,284</b>	<b>\$ 21,898</b>	<b>\$ (3,614)</b>		<b>\$ 25,569</b>	<b>\$ 15,149</b>	<b>\$ (6,749)</b>
<u>Operational:</u>							
MARC Building	\$ 349	\$ 367	\$ (18)		\$ 471	\$ 356	\$ (11)
Foundation Subsidiaries	\$ 226	\$ 238	\$ (12)		\$ 266	\$ 503	\$ 265
Administrative & Fund-Raising	\$ 5,172	\$ 3,804	\$ 1,368	[4]	\$ 7,055	\$ 2,600	\$ (1,204)
<b>TOTAL OPERATIONAL EXPENSES</b>	<b>\$ 5,747</b>	<b>\$ 4,409</b>	<b>\$ 1,338</b>		<b>\$ 7,792</b>	<b>\$ 3,459</b>	<b>\$ (950)</b>
<b>TOTAL EXPENSES</b>	<b>\$ 24,031</b>	<b>\$ 26,307</b>	<b>\$ (2,276)</b>		<b>\$ 33,361</b>	<b>\$ 18,608</b>	<b>\$ (7,699)</b>
<b>EXCESS REVENUES OVER EXPENSES</b>	<b>\$ 6,683</b>	<b>\$ 12,988</b>	<b>\$ 6,305</b>		<b>\$ 10,995</b>	<b>\$ 22,995</b>	<b>\$ (10,007)</b>

\*These financial statements recaps reflect expenses on an accrual basis and receipts on a cash basis, with the exception of investment returns.

\*\*Please refer to Appendix A for detailed variance notes.

Florida International University Foundation Preliminary Performance Summary As of March 31, 2018										
Asset Class/Manager	Market Value (\$000s)	% of Total Managed Assets	Long-Term Policy Target	Long-Term Policy Ranges	Current Month	Calendar Year to Date	Fiscal Year to Date	Ann. Trailing 3-Years	Ann. Trailing 5-Years	Ann. Since Inception
GMO Global Equity Asset Allocation	6,641	2.5%			-1.6	-0.2	11.1	7.7	---	6.7
Indus Markor Master Fund	1,894	0.7%			0.9	5.8	23.6	7.7	---	8.6
Kiltearn Global Equity Fund	11,882	4.4%			-2.3	-3.6	2.9	6.6	---	4.3
Maverick Long Fund, Ltd	10,209	3.8%			0.2	0.9	5.8	5.4	---	8.5
Vanguard Total World Stock Index	7,225	2.7%			-1.3	-0.5	10.7	8.6	---	7.8
<b>Global Public Equity</b>	<b>37,851</b>	<b>14.0%</b>	<b>11.5%</b>	<b>5.0%-25.0%</b>	<b>-1.2</b>	<b>-0.9</b>	<b>7.6</b>	<b>6.7</b>	<b>---</b>	<b>7.4</b>
D.E. Shaw Core Alpha Extension	12,663	4.7%			-1.6	-0.4	13.2	12.3	---	11.9
Sirios Focus Fund	11,010	4.1%			-0.8	-0.0	9.6	7.6	---	8.6
HHR Titan Offshore	6,152	2.3%			-0.7	3.9	8.2	7.6	---	6.1
Vanguard Russell 1000 Value Index ETF	3,239	1.2%			-1.6	-2.8	---	---	---	-3.0
<b>U.S. Public Equity</b>	<b>33,063</b>	<b>12.3%</b>	<b>13.5%</b>	<b>6.0%-35.0%</b>	<b>-1.2</b>	<b>0.2</b>	<b>10.2</b>	<b>9.1</b>	<b>11.8</b>	<b>5.4</b>
Vanguard FTSE Dev. Markets	998	0.4%			-0.4	-1.0	9.0	6.6	---	5.1
AKO European Master Fund	10,069	3.7%			-0.6	-2.0	1.6	7.0	---	10.1
Cevian Capital II	5,142	1.9%			-2.5	-5.0	-1.2	3.2	---	6.1
Buena Vista Asian Opp. Fund	6,658	2.5%			-0.8	3.8	19.4	7.6	---	7.7
Kabouter International Opps. Fund II	6,354	2.4%			0.4	1.1	14.0	15.3	---	13.9
<b>Non-U.S. Developed Public Equity</b>	<b>29,220</b>	<b>10.8%</b>	<b>8.5%</b>	<b>4.0%-25.0%</b>	<b>-0.8</b>	<b>-0.6</b>	<b>7.5</b>	<b>8.2</b>	<b>9.9</b>	<b>3.4</b>
DFA Emerging Markets Value	8,621	3.2%			-1.4	2.2	16.5	10.1	---	6.2
Somerset Emerging Markets	4,495	1.7%			-2.1	0.4	11.9	8.9	---	6.6
Polunin Developing Countries Fund	5,556	2.1%			-2.7	-1.6	12.7	9.5	---	6.2
<b>Emerging Markets Public Equity</b>	<b>18,672</b>	<b>6.9%</b>	<b>4.0%</b>	<b>0.0%-15.0%</b>	<b>-2.0</b>	<b>0.6</b>	<b>14.2</b>	<b>9.6</b>	<b>---</b>	<b>6.8</b>
<b>Total Public Long Equity</b>	<b>118,807</b>	<b>44.1%</b>	<b>37.5%</b>	<b>18.0%-70.0%</b>	<b>-1.2</b>	<b>-0.3</b>	<b>9.3</b>	<b>8.2</b>	<b>10.5</b>	<b>4.8</b>
Global Private Equity	28,186	10.5%	20.0%	0.0%-34.0%	---	---	---	---	---	---
<b>Total Public &amp; Private Equity</b>	<b>146,993</b>	<b>54.5%</b>	<b>57.5%</b>	<b>45.0%-70.0%</b>	<b>-1.0</b>	<b>-0.2</b>	<b>8.4</b>	<b>8.8</b>	<b>11.3</b>	<b>5.1</b>
Valinor Capital Partners	3,137	1.2%			-3.2	-1.2	2.6	-1.8	---	4.2
Blue Harbour Strategic Value	2,383	0.9%			0.2	-4.3	0.9	-0.5	---	1.9
Roystone Master Fund	2,514	0.9%			-1.4	-4.7	-1.9	-1.9	---	2.5
Fir Tree	3,426	1.3%			0.1	-1.2	0.3	-3.4	---	-2.3
Pelham Long/Short Fund Ltd	3,440	1.3%			-0.1	4.6	9.9	---	---	8.3
Highfields Capital	4,049	1.5%			-2.8	-3.6	-5.0	---	---	0.4
Matrix Capital Offshore Fund Ltd	2,808	1.0%			0.4	3.1	7.9	---	---	9.7
<b>Hedge Funds (Growth Objective)</b>	<b>21,757</b>	<b>8.1%</b>	<b>---</b>	<b>0.0%-15.0%</b>	<b>-1.0</b>	<b>-0.8</b>	<b>2.1</b>	<b>0.4</b>	<b>---</b>	<b>3.3</b>
Brahman Capital Partners	1,890	0.7%			1.4	-1.9	-0.8	-5.7	---	-2.9
Naya Offshore Fund	2,970	1.1%			0.9	4.7	13.8	6.8	---	7.6
Janchor Pan-Asian Fund	4,047	1.5%			0.5	1.1	14.4	---	---	14.8
Kensico Offshore II	4,276	1.6%			-0.8	-3.0	1.3	---	---	4.5
Pennant Windward Fund Ltd	0	0.0%			2.2	1.7	---	---	---	1.9
Pennant Windward Fund Ltd - Holdback	147	0.1%			---	---	---	---	---	---
Pennant (Venture Global LNG) illiquid Investment	277	0.1%			---	---	---	---	---	---
Indus Asia Pacific Side Pocket	31	0.0%			0.0	-7.5	-6.7	---	---	-11.5
<b>Hedge Funds (Blended Objective)</b>	<b>13,638</b>	<b>5.1%</b>	<b>---</b>	<b>0.0%-15.0%</b>	<b>0.7</b>	<b>0.3</b>	<b>6.8</b>	<b>2.6</b>	<b>5.1</b>	<b>4.9</b>
Davidson Kempner	4,036	1.5%			-0.5	1.4	3.4	5.0	---	4.9
Scopia PX Funds	3,058	1.1%			-4.1	-4.0	0.2	-2.7	---	0.2
GMO Systematic Global Macro Fund	3,807	1.4%			1.5	4.5	9.4	---	---	7.3
ISAM Systematic Trend	2,034	0.8%			0.8	-7.2	2.7	---	---	-7.7
FORT Global Offshore Fund, SPC	2,031	0.8%			0.8	-2.1	---	---	---	1.6
Luxor - SPV	196	0.1%			-0.3	-3.4	12.1	---	---	12.9
Kynikos Opportunity Fund - Holdback	254	0.1%			---	---	---	---	---	---
Luxor - Holdback	25	0.0%			---	---	---	---	---	---
<b>Hedge Funds (Diversifying Objective)</b>	<b>15,441</b>	<b>5.7%</b>	<b>---</b>	<b>0.0%-15.0%</b>	<b>-0.4</b>	<b>-0.8</b>	<b>4.4</b>	<b>-0.7</b>	<b>---</b>	<b>0.3</b>
<b>Total Hedge Funds</b>	<b>50,837</b>	<b>18.8%</b>	<b>17.5%</b>	<b>10.0%-30.0%</b>	<b>-0.4</b>	<b>-0.5</b>	<b>4.1</b>	<b>0.6</b>	<b>3.6</b>	<b>4.4</b>
Parametric Global Defensive Equity	2,718	1.0%			-0.5	-1.5	4.5	---	---	8.4
Renaissance RIEF	3,941	1.5%			2.6	1.6	8.7	---	---	15.3
<b>Other Diversifying Investments</b>	<b>6,658</b>	<b>2.5%</b>	<b>---</b>	<b>0.0%-30.0%</b>	<b>1.3</b>	<b>0.4</b>	<b>7.1</b>	<b>8.4</b>	<b>7.6</b>	<b>8.2</b>
<b>Total Diversified Growth</b>	<b>57,495</b>	<b>21.3%</b>	<b>17.5%</b>	<b>10.0%-40.0%</b>	<b>-0.2</b>	<b>-0.4</b>	<b>4.4</b>	<b>1.3</b>	<b>3.8</b>	<b>4.5</b>
Van Eck Global Hard Assets	2,163	0.8%			-0.5	-5.4	11.7	-3.8	---	-6.5
SPDR Gold ETF	5,484	2.0%			0.6	1.7	6.6	3.4	---	2.2
Harvest MLP Income Fund	3,409	1.3%			-5.3	-9.4	-11.9	-10.2	---	-4.6
<b>Public Inflation Sensitive</b>	<b>11,056</b>	<b>4.1%</b>	<b>2.0%</b>	<b>0.0%-12.5%</b>	<b>-1.5</b>	<b>-3.4</b>	<b>1.3</b>	<b>-2.6</b>	<b>-2.8</b>	<b>-1.9</b>
Private Inflation Sensitive	7,049	2.6%	8.0%	0.0%-20.0%	---	---	---	---	---	---
<b>Total Inflation Sensitive</b>	<b>18,105</b>	<b>6.7%</b>	<b>10.0%</b>	<b>5.0%-20.0%</b>	<b>-0.9</b>	<b>-2.1</b>	<b>3.9</b>	<b>2.7</b>	<b>0.3</b>	<b>-0.4</b>
Fidelity Intermediate Treasury Bond	35,528	13.2%			0.9	-1.6	-1.6	---	---	-1.5
StoneCastle CJA Managed	5,037	1.9%			0.1	0.3	---	---	---	0.7
Cash in Transition	4,351	1.6%			---	---	---	---	---	---
SunTrust Cash	2,054	0.8%			0.1	0.3	0.8	0.5	---	0.4
<b>Total Deflation Sensitive</b>	<b>46,969</b>	<b>17.4%</b>	<b>15.0%</b>	<b>9.0%-30.0%</b>	<b>0.7</b>	<b>-0.8</b>	<b>-0.7</b>	<b>0.1</b>	<b>0.8</b>	<b>5.1</b>
<b>Total Managed Assets Net of CA Fees</b>	<b>269,562</b>	<b>100.0%</b>	<b>100.0%</b>	<b>---</b>	<b>-0.5</b>	<b>-0.6</b>	<b>5.6</b>	<b>5.2</b>	<b>7.2</b>	<b>4.6</b>
Foundation Enterprise Holdings I	574	---			---	---	---	---	---	---
Foundation Enterprise Holdings V	1,008	---			---	---	---	---	---	---
Student Managed Investment Fund	335	---			-1.7	1.0	12.7	5.8	6.7	5.8
SunTrust Balanced Annuity Account	160	---			-0.2	-0.6	4.0	0.7	-0.4	3.6
StoneCastle	3,276	---			0.1	0.3	0.8	0.6	---	0.5
IR&M Short Fund	3,130	---			0.1	-0.3	-0.1	0.7	---	0.8
Archstone Offshore	286	---			---	-0.6	1.5	0.2	2.9	3.4
State of Florida Treasury Fund	1,245	---			0.0	0.1	0.4	---	---	0.3
IVA Worldwide Fund	2,014	---			-0.9	-0.1	---	---	---	4.7
Foundation Directed Investments - Cash in Transition	0	---			---	---	---	---	---	---
<b>Foundation Directed Investments</b>	<b>12,029</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>-0.1</b>	<b>-0.0</b>	<b>1.1</b>	<b>0.8</b>	<b>1.4</b>	<b>3.4</b>
<b>Total Assets Net of CA Fees</b>	<b>281,591</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>-0.5</b>	<b>-0.5</b>	<b>5.3</b>	<b>5.0</b>	<b>7.0</b>	<b>4.6</b>
<b>Notes:</b>										
1. Funds available for investment in the Wells Fargo operating account have been deployed to the investment portfolio as of December 31, 2013.										
2. Private Investments' trailing performance represents time-weighted quarterly returns. Data represents NAVs and performance through December 31, 2017, updated with cashflows through the most recent period.										

Florida International University Foundation  
Preliminary Performance Summary  
As of March 31, 2018

Asset Class/Composite	Market Value (\$000s)	% of Total Managed Assets	Long-Term Policy Target	Long-Term Policy Ranges	Current Month	Calendar Year to Date	Fiscal Year to Date	Ann. Trailing 3-Years	Ann. Trailing 5-Years	Ann. Since Inception
Global Public Equity	37,851	14.0%	11.5%	5.0%-25.0%	-1.2	-0.9	7.6	6.7	---	7.4
U.S. Public Equity	33,063	12.3%	13.5%	6.0%-35.0%	-1.2	0.2	10.2	9.1	11.8	5.4
Non-U.S. Developed Public Equity	29,220	10.8%	8.5%	4.0%-25.0%	-0.8	-0.6	7.5	8.2	9.9	3.4
Emerging Markets Public Equity	18,672	6.9%	4.0%	0.0%-15.0%	-2.0	0.6	14.2	9.6	---	6.8
<b>Total Public Equity</b>	<b>118,807</b>	<b>44.1%</b>	<b>37.5%</b>	<b>18.0% - 70.0%</b>	<b>-1.2</b>	<b>-0.3</b>	<b>9.3</b>	<b>8.2</b>	<b>10.5</b>	<b>4.8</b>
<i>Global Private Equity</i>	28,186	10.5%	20.0%	0.0%-34.0%	---	---	---	---	---	---
<b>Total Public &amp; Private Equity</b>	<b>146,993</b>	<b>54.5%</b>	<b>57.5%</b>	<b>45.0%-70.0%</b>	<b>-1.0</b>	<b>-0.2</b>	<b>8.4</b>	<b>8.8</b>	<b>11.3</b>	<b>5.1</b>
Total Hedge Funds	50,837	18.9%	17.5%	10.0%-30.0%	-0.4	-0.5	4.1	0.6	3.6	4.4
Other Diversifying Investments	6,658	2.5%	---	0.0%-30.0%	1.3	0.4	7.1	8.4	7.6	8.1
<b>Total Diversified Growth</b>	<b>57,495</b>	<b>21.3%</b>	<b>17.5%</b>	<b>10.0%-40.0%</b>	<b>-0.2</b>	<b>-0.4</b>	<b>4.4</b>	<b>1.3</b>	<b>3.8</b>	<b>4.5</b>
<b>Total Inflation Sensitive</b>	<b>18,105</b>	<b>6.7%</b>	<b>10.0%</b>	<b>5.0%-20.0%</b>	<b>-0.9</b>	<b>-2.1</b>	<b>3.9</b>	<b>2.7</b>	<b>0.3</b>	<b>-0.4</b>
<b>Total Deflation Sensitive</b>	<b>46,969</b>	<b>17.4%</b>	<b>15.0%</b>	<b>9.0%-30.0%</b>	<b>0.7</b>	<b>-0.8</b>	<b>-0.7</b>	<b>0.1</b>	<b>0.8</b>	<b>5.1</b>
<b>Total Managed Assets Net of CA Fees</b>	<b>269,562</b>	<b>100.0%</b>	<b>100.0%</b>	<b>---</b>	<b>-0.5</b>	<b>-0.6</b>	<b>5.6</b>	<b>5.2</b>	<b>7.2</b>	<b>4.6</b>
<b>Total Assets Net of CA Fees</b>	<b>281,591</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>-0.5</b>	<b>-0.5</b>	<b>5.3</b>	<b>5.0</b>	<b>7.0</b>	<b>4.6</b>



Florida International University Foundation Preliminary Performance Summary As of March 31, 2018						
Asset Class/Manager	2/28/2018 Market Value (\$000s)	March Contributions (\$000s)	March Withdrawals (\$000s)	March Net Cash Flow (\$000s)	Net Investment Gain/(Loss) (\$000s)	3/31/2018 Market Value (\$000s)
<b>Global Public Equity</b>						
GMO Global Equity Asset Allocation	6,752	---	---	---	(111)	6,641
Indus Markor Master Fund	1,877	---	---	---	17	1,894
Kiltearn Global Equity Fund	12,160	---	---	---	(278)	11,882
Maverick Long Fund, Ltd	10,187	---	---	---	22	10,209
Vanguard Total World Stock Index	7,345	---	(25)	(25)	(95)	7,225
<b>U.S. Public Equity</b>						
D.E. Shaw Core Alpha Extension	12,869	---	---	---	(206)	12,663
First Eagle U.S. Equity Fund	---	---	---	---	0	---
Sirios Focus Fund	11,100	---	---	---	(90)	11,010
Vanguard Russell 1000 Value Index	3,307	---	(15)	(15)	(53)	3,239
HHR Titan Offshore	6,196	---	---	---	(44)	6,152
<b>Non-U.S. Developed Public Equity</b>						
Vanguard FTSE Dev. Markets	1,006	---	(4)	(4)	(4)	998
AKO European Master Fund	10,130	---	---	---	(61)	10,069
Cevian Capital II	5,274	---	---	---	(133)	5,142
Buena Vista Asian Opp. Fund	6,711	---	---	---	(54)	6,658
Kabouter International Opps. Fund II	6,325	---	---	---	28	6,354
<b>Emerging Markets Public Equity</b>						
DFA Emerging Markets Value	8,740	---	---	---	(119)	8,621
Somerset Emerging Markets	4,593	---	---	---	(98)	4,495
Polunin Developing Countries Fund	5,713	---	---	---	(156)	5,556
<b>Total Global Private Equity</b>	<b>27,778</b>	<b>845</b>	<b>(437)</b>	<b>407</b>	<b>(0)</b>	<b>28,186</b>
<b>Hedge Funds (Growth Objective)</b>						
Valinor Capital Partners	3,241	---	---	---	(104)	3,137
Blue Harbour Strategic Value	2,378	---	---	---	5	2,383
Roystone Master Fund	2,549	---	---	---	(35)	2,514
Fir Tree	3,423	---	---	---	3	3,426
Pelham Long/Short Fund Ltd	4,443	---	(1,000)	(1,000)	(3)	3,440
Highfields Capital	4,165	---	---	---	(117)	4,049
Matrix Capital Offshore Fund Ltd	2,797	---	---	---	11	2,808
<b>Hedge Funds (Blended Objective)</b>						
Brahman Capital Partners	1,863	---	---	---	27	1,890
Naya Offshore Fund	2,942	---	---	---	28	2,970
Janchor Pan-Asian Fund	4,027	---	---	---	20	4,047
Kensico Offshore II	4,310	---	---	---	(34)	4,276
Pennant Windward Fund Ltd	3,194	---	(3,262)	(3,262)	69	---
Pennant Windward Fund Ltd - Holdback	---	147	---	147	0	147
Pennant - Venture Global LNG (liquid investment)	---	277	---	277	0	277
Indus Asia Pacific Sidepocket	114	---	(83)	(83)	0	31
<b>Hedge Funds (Diversifying Objective)</b>						
Davidson Kempner	4,058	---	---	---	(22)	4,036
Kynikos Opportunity Fund	---	---	---	---	0	---
Kynikos Opportunity Fund - Holdback	254	---	---	---	0	254
Scopia PX Funds	3,187	---	---	---	(129)	3,058
GMO Systematic Global Macro Fund	3,752	---	---	---	56	3,807
ISAM Systematic Trend	2,018	---	---	---	16	2,034
FORT Global Offshore Fund, SPC	2,016	---	---	---	16	2,031
Luxor Capital Partners - SPV	197	---	---	---	(1)	196
Luxor - Holdback	25	---	---	---	0	25
<b>Other Diversifying Investments</b>						
Parametric Global Defensive Equity	2,731	---	---	---	(13)	2,718
Renaissance RIEF	3,841	---	---	---	99	3,941
<b>Public Inflation Sensitive</b>						
Van Eck Global Hard Assets	2,174	---	---	---	(11)	2,163
SPDR Gold ETF	5,450	---	---	---	34	5,484
Harvest MLP Income Fund	3,600	---	---	---	(192)	3,409
<b>Private Inflation Sensitive</b>	<b>6,999</b>	<b>53</b>	<b>(3)</b>	<b>50</b>	<b>(0)</b>	<b>7,049</b>
<b>Total Deflation Sensitive</b>						
Fidelity Interim Treasury Bond Index Fund	35,225	---	---	---	303	35,528
SunTrust Cash	167	4,198	(2,313)	1,884	2	2,054
StoneCastle CJA Managed	5,031	---	---	---	6	5,037
Cash Pending	3,151	4,445	(3,246)	1,200	0	4,351
<b>Total Managed Assets</b>	<b>271,384</b>	<b>9,965</b>	<b>(10,387)</b>	<b>(423)</b>	<b>(1,398)</b>	<b>269,562</b>
Foundation Enterprise Holdings I	574	---	---	---	0	574
Foundation Enterprise Holdings V	1,008	---	---	---	0	1,008
Student Managed Investment Fund	341	---	---	---	(6)	335
SunTrust Balanced Annuity Account	162	---	(2)	(2)	(0)	160
StoneCastle FICA Program	3,273	---	---	---	4	3,276
IR&M Short Fund	3,126	---	---	---	4	3,130
Archstone Offshore	286	---	---	---	0	286
State of Florida Treasury Fund	1,243	2	(0)	2	(0)	1,245
IVA Worldwide Fund	2,032	---	---	---	(18)	2,014
Other Alternatives - Cash Pending	1,276	---	(1,276)	(1,276)	0	---
<b>Total Assets</b>	<b>284,704</b>	<b>9,966</b>	<b>(11,665)</b>	<b>(1,699)</b>	<b>(1,414)</b>	<b>281,591</b>

**Variance Notes:**

[1] The favorable variance of \$2.3 million in cash contributions were mainly attributed to gifts from the College of Communication, Architecture + The Arts, University-Wide Scholarships & Programs, Student Access and Success, Academic Affairs, and Building Funds.

[2] The favorable variance of \$6.2 million in investment returns is based on a budgeted return for the fiscal year of 5% and an actual return fiscal year-to-date of 5.3%.

[3] The unfavorable variance of \$4.8 million in scholarship and program expenses is mainly comprised of expenses for Athletic capital improvement projects that were greater than budgeted and unbudgeted expenses on new accounts opened throughout the year.

[4] The favorable variance of \$1.4 million in administrative & fund-raising is primarily due to the timing of budgeted expenses and the salary savings on unfilled positions. The ability to attract promising talent, with a solid understanding of the Advancement profession and a proven track record of results is becoming increasingly challenging for us. It is an extremely competitive field to recruit for, especially with FIU working to remain competitive in the market, with regards to fundraising and leadership roles.



**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**  
June 6, 2018

**SAFETY AND ENVIRONMENTAL COMPLIANCE REPORT AS OF MAY 1, 2018**

**Report** *(For Information Only – no action required)*

**Issue #1: Regulatory Inspection for Industrial Waste Management**

**Agency:** Miami-Dade Regulatory Economic Resources (RER)

**Status:** On April 19, 2018, the Miami-Dade RER performed an inspection of the FIU Industrial Waste Permits (IW5) for the Modesto A. Maidique Campus and the Engineering Center. The inspectors inspected 20 areas (classroom lab, research labs, and the Environmental Health and Safety [EH&S] Hazardous Waste Central Accumulation Areas (CAA) and reviewed the waste manifests and inspection records.

**Findings:** No major violations were observed during the time of the inspection. The inspector noted two minor educational concerns in the W1 Sculpture area and the Housing Refrigerant area. EH&S will continue to work with the occupants to address the concerns as follow up with RER as required.

**Issue #2: Indoor Air Quality Concerns – Academic Health Center 1 and 2 (Ongoing)**

**Agency:** Florida Department of Health, Epidemiology Division

**Status:** A project to conduct 100% inspection of the A/C ducts and Variable Air Volume boxes was completed in collaboration with the Facilities Management Department for AHC1 and AHC2. The remediation plan for AHC2 commenced on April 30, 2018 and it is in progress with a target completion date of June 1, 2018. The remediation plan for AHC1 will be planned and executed when the AHC2 is completed.

**Findings:** As of October 12, 2017, EH&S continues to work with the Herbert Wertheim College of Medicine, the College of Arts, Sciences, and Education, the Division of Human Resources, Facilities Management and the Florida Department of Health to address the identified concerns and issues.

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**Finance and Facilities Committee**  
June 6, 2018

**TREASURY REPORT** (For quarter ending March 31, 2018)

**Report** (For Information Only – no action required)

**OVERVIEW**

The University's total liquidity position of \$367.7 million was 2.4 times the University's debt position of \$155.6 million at the end of FY 2018 3Q. Including direct support organization ("DSO") debt, the liquidity to total debt ratio was 2.0 times. These results are better compared to the end of FY 2017 3Q, where the liquidity to University debt and the liquidity to total debt ratios were 2.1 times and 1.7 times, respectively.

**LIQUIDITY**

**Real Days Payable**

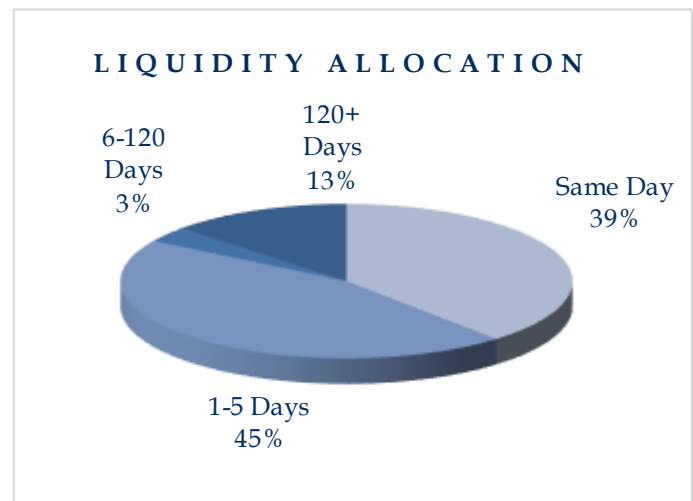
At the end of FY 2018 3Q, \$308.0 million, or 83.7 percent, of the liquidity position was accessible within 5 business days (see *Liquidity Allocation* chart for detail). At the end of FYTD 2018 3Q, the University had 68 real days payable<sup>1</sup> ("RDP") versus 42 RDP at the end of FYTD 2017 3Q. The increase in RDP was due to the re-balancing of the portfolio into lower risk and higher liquidity investments and higher cash inflows.

**Sources**

The University started the fiscal year with \$98.6 million in cash balances<sup>2</sup>. Total FYTD 2018 3Q inflows (state and operational) were \$934.7 million as compared to \$854.1 Million for FYTD 2017 3Q. On average, \$4.8 million flowed into the University each business day in FYTD 2018 3Q and \$4.4 million in FYTD 2017 3Q.

**Uses**

FYTD 2018 3Q, the University used \$881.2 million as compared to \$837.6 million in the same period last fiscal year. The FYTD 2018 3Q velocity cash outflow was \$4.5 million per day and \$4.3 million in FYTD 2017 3Q. The University ended FY 2018 3Q with \$152.0 million in cash balances.



<sup>1</sup> Real Days Payable represents the available balance of liquid funds divided by the average cash outflows of the University. The calculation uses the available balance in the University's bank accounts plus the market value of investments that are accessible within 5 business days as its balance of liquid funds.

<sup>2</sup> Cash includes Working Capital Pool assets and cash balances in the concentration bank account.

## Stress Tests/Performance Simulations

The University Office of the Treasurer (“Treasury”) analyzes the effect of negative market performance on its liquidity position through both value-at-risk (VAR) analysis and Monte Carlo simulation analyses.

VAR analysis completed quarterly, estimates the maximum potential loss during a specific time period at a given level of confidence. VAR uses the historical behavior of each asset class over various time horizons (five years, ten years, full history). Our VAR analysis predicts that there is a five percent probability that the portfolio (as of the FYTD 2018 3Q ending balance) could have unrealized losses of up to \$8.2 million and one percent probability of up to \$17.8 million of unrealized losses within a twelve-month period.

At the end of FY 2018 3Q, the Monte Carlo analysis, generated by a bottom decile performance for fixed income investments, translated into median 1.1 percent, or \$4.1 million, in unrealized losses. Liquidity, as measured by 5-day accessibility, would drop to 72.1 percent, or \$265.2 million, of the total current available cash and investment balances. RDP would fall to 59 days based on current fiscal year outflows.

The scenario with the bottom decile equity performance generates a median 0.9 percent, or \$3.2 million, in unrealized losses. Liquidity, as measured by 5-days accessibility, would drop to \$303.7 million or 82.6 percent of the total current available cash and investment balances. RDP would drop slightly to 67 days based on fiscal year outflows in this stress scenario.

Bottom decile of overall portfolio performance represents a 1.9 percent loss, or \$7.0 million, and a projected drop in liquidity to \$254.2 million or 69.1 percent of the total current available balances. Furthermore, RDP would drop to 56 days.

## Forecast and Budget

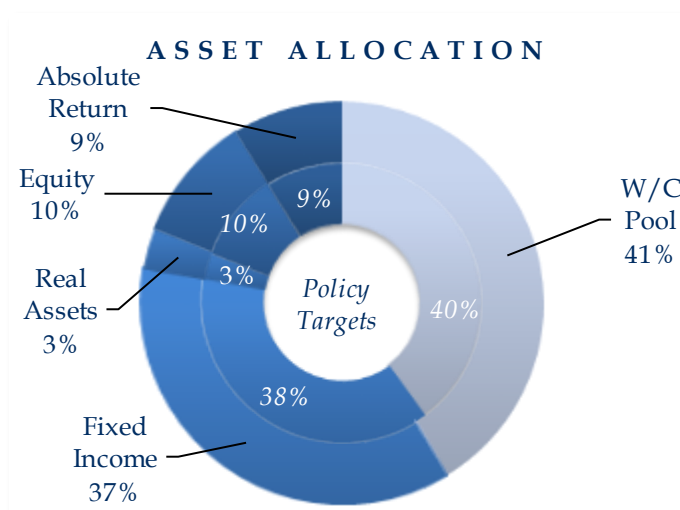
Actual balances at the end of FY 2018 3Q were 14.4 percent higher than the rolling forecast, 14.1 percent higher than the budget, and 9.3 percent higher than prior year. For the next quarter, the University should experience a stable decrease in the cash and investment balances due to the timing of the University’s enrollment periods. The reduction in balances is expected to last through the end of the fourth quarter. Balances will begin to increase as Fall 2018 enrollment progresses.

## INVESTMENTS

### Composition

Asset allocations at the end of FY 2018 3Q remained within policy guidelines (See *Asset Allocation* chart for quarter end detail).

At the end of FY 2018 3Q, the market value of the University’s operating funds portfolio and cash was \$367.7 million. This balance reflects an increase of \$54.4 million or 6.0 percent, from the previous quarter. The increase reflects the quarter-to-quarter seasonal increase in cash flows. The total portfolio market value was \$31.2 million higher than the market value at the end of FY 2017 3Q. The increase was due to strong investment performance and higher net cash flows.

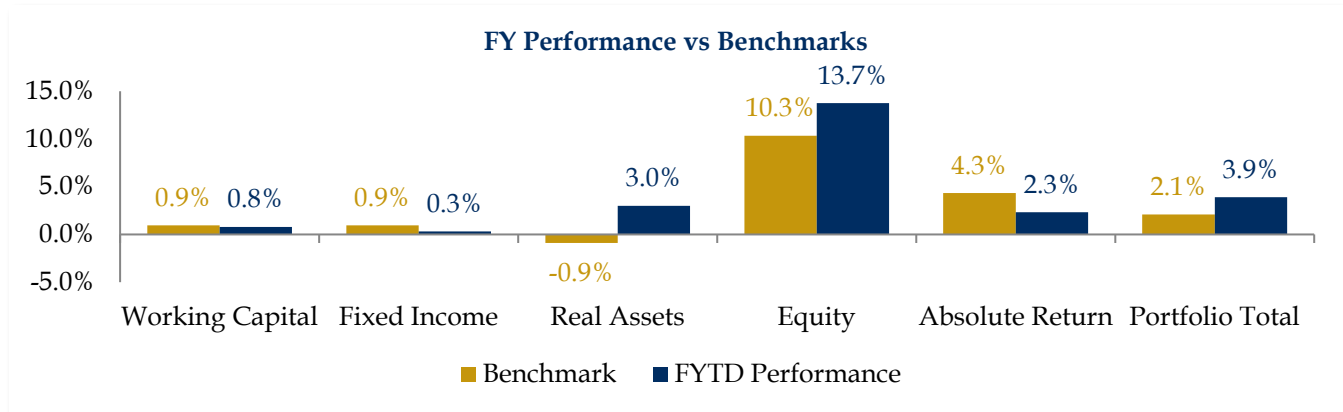


## Performance

FIU’s operating portfolio continues to outperform the State Treasury investment pool (“SPIA”), returning 4.1 percent since inception versus the SPIA’s 2.5 percent for the same period. At the end of FY

2018 3Q, the portfolio returned 3.9 percent. This compares unfavorably to a 4.5 percent return at the end of FY 2017 3Q. The Strategic Capital and Reserve Pools returned 5.2 percent while the Working Capital Pool gained 0.8 percent. Returns from the SPIA totaled 1.3 percent at the end of FY 2018 3Q (see *FY Performance vs. Benchmarks* chart for additional performance detail by asset class).

The Working Capital Pool was flat to the benchmark and the Strategic and Reserve Pool exceeded the benchmark by 2.6 percent. All asset classes met or exceeded their benchmarks with the exception of Absolute Return that had a return of 2.3% (vs 4.3% benchmark) and Fixed Income with a return of 0.3% (vs 0.9% benchmark).



## Portfolio Rebalance

The Operating Portfolio was successfully rebalanced to a significantly lower risk profile in Q3 as measured by the portfolio's Value at Risk (VAR). The current portfolio has a one percent probability of unrealized losses of up to \$17.8 Million as compared to \$37.5 Million (within a 12 month period) at the end of last quarter.

## DEBT

### Total Outstanding

The University and DSOs ended FY 2018 3Q with \$188.2 million in outstanding debt versus \$197.0 million at the end of FY 2017 3Q. The weighted average interest rate for the University and DSO issuances was 4.2 percent.

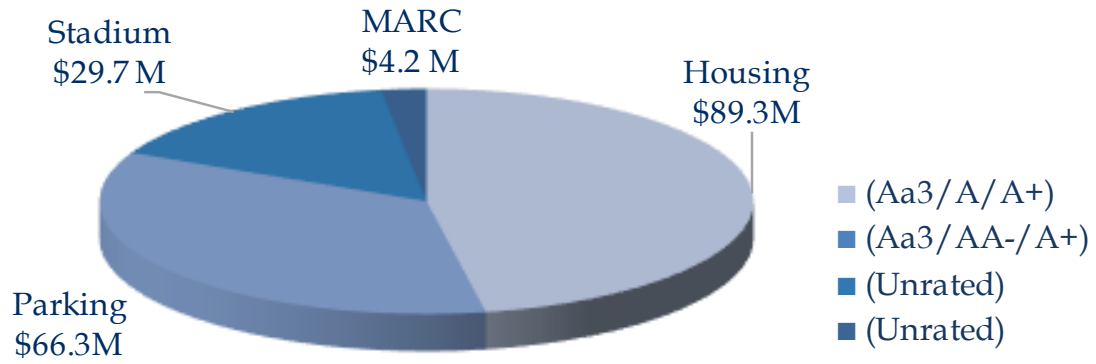
### Bond Refunding

The University and the Athletics Finance Corporation (AFC), has refunded/modified all eligible outstanding bond series. The refundings/modification are projected to save the University and AFC \$10.1 million in interest expense over the term of the issuances. As of March 30, 2018, \$3.1 million of interest savings have been realized from the refunding/modification activities. The University and AFC are expected to save an additional \$0.6 million in interest expense for the balance of Fiscal Year 2018 and \$3.2 million over the next 5 years.

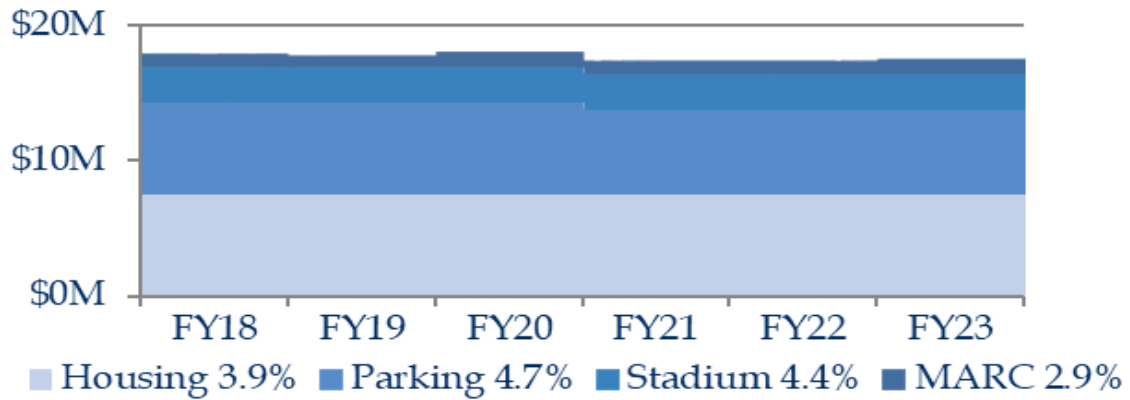
### Rating Agency Reviews

The University held reviews with Fitch, Standard & Poor's and Moody's rating agencies throughout Q3. Fitch reaffirmed the Housing (A+ Stable) and Parking (A+ Stable) ratings. S&P and Moody's are expected to release their final ratings reports by the end of May 2018.

## OUTSTANDING DEBT



## ANNUAL DEBT SERVICE





Period Ending March 31, 2018

(000's)

**OVERVIEW**

Liquidity/University Debt	2.36
Liquidity/Total Debt	1.95

**Liquidity Position**

Cash + W/C Pool	\$ 152,033
Strategic + Reserve Pools	215,711
<b>Total</b>	<b>\$ 367,745</b>

**Debt Position**

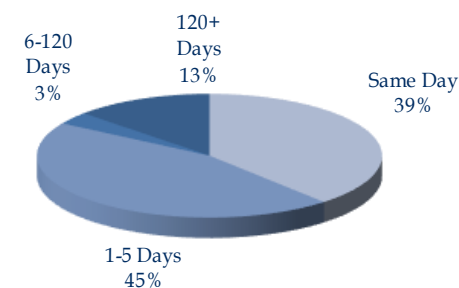
University Debt	\$ 155,590
DSO Debt	32,606
<b>Total</b>	<b>\$ 188,196</b>

**LIQUIDITY**
**Availability**

Same Day	\$ 141,492
1-5 Days	166,476
6-120 Days	12,033
120+ Days	47,743
<b>Total</b>	<b>\$ 367,745</b>

**Real Days Payable (<5 Days)**

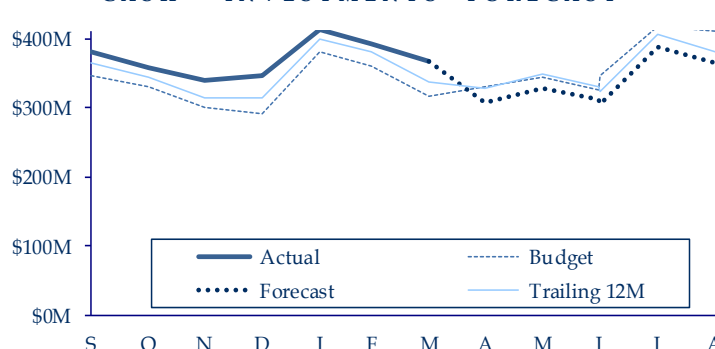
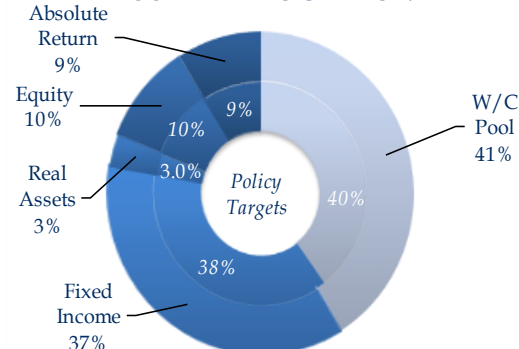
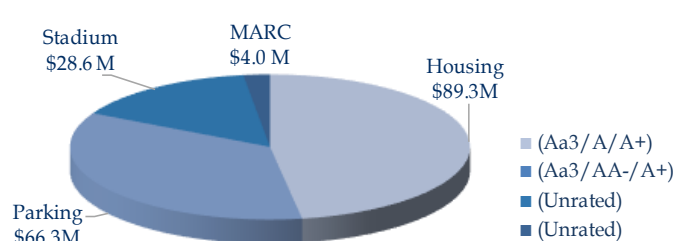
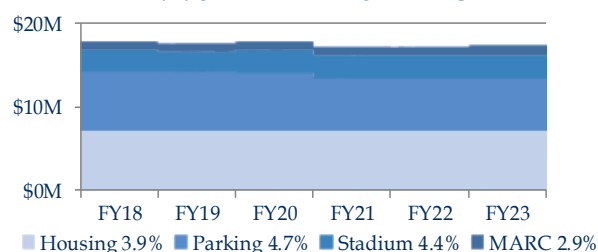
MTD Outflows	68
QTD Outflows	59
YTD Outflow	68

**LIQUIDITY ALLOCATION**

**LIQUIDITY SOURCES AND USES**

Sources	MTD	QTD	YTD
Opening W/C Pool Balance	\$ 176,734	\$ 176,734	\$ 98,050
Opening Cash Balance	913	917	536
From State	30,881	77,702	265,740
From Operations	43,844	228,715	668,953
Uses			
To Payroll	(70,267)	(166,451)	(462,908)
To Operations	(25,556)	(80,037)	(229,858)
To Students	(4,516)	(85,546)	(188,480)
<b>Cash + W/C Pool</b>	<b>\$ 152,033</b>	<b>\$ 152,033</b>	<b>\$ 152,033</b>

**INVESTMENTS**

Cash + W/C Pool	Balance	FYTD	Last 1Y
W/C Pool	\$ 151,480	0.8%	1.1%
Cash	553	0.0%	0.0%
Strategic + Reserve Pools			
Fixed Income	133,789	0.9%	2.8%
Real Assets	12,057	3.0%	0.8%
Equity	37,194	13.7%	18.4%
Absolute Return	32,672	2.3%	4.1%
<b>Total</b>	<b>\$ 367,745</b>	<b>5.2%</b>	<b>6.5%</b>

**CASH + INVESTMENTS FORECAST**

**ASSET ALLOCATION**

**DEBT**
**OUTSTANDING DEBT**

**ANNUAL DEBT SERVICE**


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