



FLORIDA POLYTECHNIC
UNIVERSITY

Governance Committee Meeting

Wednesday, September 5, 2018
9:45 AM - 10:45 AM

Florida Polytechnic University
STUDENT DEVELOPMENT CENTER
4700 Research Way
Lakeland, FL 33805-8531

Rear Admiral Philip Dur, Chair
Cliff Otto

Dr. Louis Saco, Vice Chair
Bob Stork

Frank Martin
Gary Wendt

AGENDA

- | | |
|---|--------------------------------|
| I. Call to Order | Rear Admiral Philip Dur, Chair |
| II. Roll Call | Sherri Pavlik |
| III. Public Comment | Rear Admiral Philip Dur, Chair |
| IV. Approval of the May 16, 2018 Minutes
Action Required | Rear Admiral Philip Dur, Chair |
| V. Governance Committee Charter Review
Action Required | Rear Admiral Philip Dur, Chair |
| VI. 2018-2020 Governance Committee Workplan Review
Action Required | Rear Admiral Philip Dur, Chair |
| VII. 2019 Government Relations Plan
Action Required | Kathy Mizereck |
| VIII. Federal Relations Activity Update | Rick Maxey |
| IX. Discussion of BOT Self Evaluation Results and Goals | Gina DeJulio |
| X. Closing Remarks and Adjournment | Rear Admiral Philip Dur, Chair |

DRAFT

**FLORIDA POLYTECHNIC UNIVERSITY
BOARD OF TRUSTEES
GOVERNANCE COMMITTEE
MEETING MINUTES**

Florida Polytechnic University, Tele-Conference

May 16, 2018 @ 9:00 AM

I. Call to Order

Committee Chair Hallion called the Governance Committee meeting to order at 9:03 a.m.

II. Roll Call

Kris Wharton called the roll: Committee Chair, Dick Hallion, Committee Vice-Chair Philip Dur, Trustee Mark Bostick, and Trustee Cliff Otto were present (Quorum).

Other trustees present: Chair Frank Martin

Staff present: President Randy Avent, Ms. Gina DeJulio, Mr. Rick Maxey, Ms. Kris Wharton and Ms. Maggie Mariucci were present.

III. Public Comment

There were no requests received for public comment.

IV. Approval of Minutes

Trustee Don Wilson made a motion to approve the Governance Committee meeting minutes of February 28, 2018. Trustee Philip Dur seconded the motion; a vote was taken, and the motion passed unanimously.

V. 2016-18 Governance Committee Work Plan Review

The 2016-2018 Work plan remains unchanged and no discussion was necessary.

VI. President's Evaluation 2017-18

Trustee Don Wilson stated he has been pleased with the way the Institution has been led and he is looking forward to the future. Trustee Mark Bostick echoed Trustee Wilson's comments and he is looking forward to the future endeavors. Trustee Dur stated President Avent has done an excellent job in leading the University. Trustee Otto expressed he is very pleased with President Avent's leadership of the University. Trustee Hallion stated the University is very fortunate to have President Avent's leadership and remarkable progress has been made.

Trustee Dur proposed the composite of the President's evaluation include the initials of the Trustees next to the comments.

Trustee Don Wilson made a motion to recommend the approval of the President's evaluation to the Board. The composite will be presented with the Trustees initials next to the comments. Trustee Philip Dur seconded the motion; a vote was taken, and the motion passed unanimously.

VII. Adjustments to President's Compensation

Ms. Gina DeJulio recommended that the Committee review the President's contract compensation in two parts: 1. Adjustment to base salary, which cannot be less than 3½ percent and 2. A performance compensation bonus of up to 20% of the President's annual base salary.

President Avent expressed that he does not want to receive more than the 3½ percent.

Trustee Don Wilson made a motion to recommend approval of the President's increase in base salary at 3 ½ percent to the Board. Trustee Mark Bostick seconded the motion; a vote was taken, and the motion passed unanimously.

Trustee Philip Dur made a motion to recommend approval of the President's bonus of 20% of his base salary to the Board. Trustee Don Wilson seconded the motion; a vote was taken, and the motion passed unanimously.

VIII. President's Goals 2018-19

The President's goals for 2018-19 are based around the Strategic Plan. Focus will revolve around four key areas and will reflect consistency with BOG metrics. Chair Frank Martin requested more information on the Foundation goals listed in 15.3 (Raise \$1.5M in unrestricted funds), and 15.4 (Increase endowment by \$100K).

Trustee Cliff Otto made a motion to recommend approval of the President's 2018-19 Goals to the Board, with the exception 15.3 and 15.4 which require more discussion at the full board meeting. Trustee Don Wilson seconded the motion; a vote was taken, and the motion passed unanimously.

IX. Slate of Officers for 2018-2020

Trustee Cliff Otto nominated Don Wilson as Board Chair for 2018-2020. Trustee Mark Bostick nominated Cliff Otto to serve as Vice Chair for 2018-2020. Both candidates accepted the nominations.

Trustee Cliff Otto made a motion to recommend to the Board approval of Trustee Don Wilson for Board Chair. Trustee Mark Bostick seconded the motion; a vote was taken and the motion passed unanimously.

Trustee Mark Bostick made a motion to recommend to the Board approval of Trustee Cliff Otto for Board Vice Chair. Trustee Don Wilson seconded the motion; a vote was taken and the motion passed unanimously.

X. Closing Remarks and Adjournment

With no further comments, the Governance Committee meeting adjourned at 9:54 a.m.

Florida Polytechnic University
Board of Trustees
Governance Committee
Wednesday, September 5, 2018

Subject: Governance Committee Charter Review

Proposed Committee Action

Recommend changes to the committee's charter to the Board for approval.

Background Information

Governance Committee: (*Staff Liaison: Gina DeIulio*)

Draft

Governance Committee Charter:

This committee is responsible for periodically reviewing the Board's By-laws; initiating board training; ~~recommending individuals to serve on the board~~, facilitating nominations related to the Board Chair and Vice-Chair elections; recommending ~~outcome of President's annual performance evaluation, compensation adjustments and proposed goals; for the President's performance~~, recommending ~~approval of Board-regulations and policies~~ pertaining to the employees of the University; ~~recommending changes to President's employment agreement; approving changes to the President's supplemental retirement plan~~; and overseeing public and governmental relations.

Chairman Rear Admiral Philip Dur

Vice Chairman Dr. Louis Saco

Cliff Otto

Frank Martin

Bob Stork

Gary Wendt

Supporting Documentation: None.

Prepared by: Gina DeIulio, VP and General Counsel

**Florida Polytechnic University
Governance Committee
Work Plan 2018-2020**

February 28, 2018	May 22-23, 2018	September 5, 2018	December 5, 2018
	<ul style="list-style-type: none"> • Make recommendations to Board on President’s proposed goals for 2018-2019, President’s 2017-2018 evaluation outcome and compensation • Consultant report on BOT self-assessment survey 	<ul style="list-style-type: none"> • 2019 Government Relations Plan • Discussion on BOT self-assessment 	<ul style="list-style-type: none"> • Discuss board training needs
February 27, 2019	May 21-22, 2019	September 11, 2019	December 11, 2019
<ul style="list-style-type: none"> • Make recommendation on renewal of President’s employment agreement 	<ul style="list-style-type: none"> • Make recommendations to Board on President’s proposed goals for 2019-2020, President’s 2018-2019 evaluation outcome and compensation 	<ul style="list-style-type: none"> • 2020 Government Relations Plan 	<ul style="list-style-type: none"> • Discuss board training needs
February 2020	May 2020	September 2020	December 2020
<ul style="list-style-type: none"> • Start process of making nominations 	<ul style="list-style-type: none"> • Make recommendations to Board on President’s proposed goals for 2020-2021, President’s 2019-2020 evaluation outcome and compensation 	<ul style="list-style-type: none"> • 2021 Government Relations Plan 	<ul style="list-style-type: none"> • Discuss board training needs

**Florida Polytechnic University
Governance Committee
Board of Trustees
September 5, 2018**

Subject: 2019 Government Relations Plan

Proposed Committee Action

Recommend approval of the 2019 Government Relations Plan to the Board.

Background Information

The Board of Trustees approved five legislative budget requests (capital outlay and operating) for the 2019-20 budget. Those requests were submitted to the Board of Governors. This presentation will review the requests and the advocacy plan to seek funding.

Supporting Documentation:

2019 Government Relations Plan PowerPoint presentation
Legislative budget requests for 2019-20

Prepared by: Gina DeIulio, Vice President and General Counsel



FLORIDA POLYTECHNIC
UNIVERSITY

2019 Government Relations Plan

Kathy Mizereck

September 5, 2018



- **Introduction**
- **2019 Legislative Budget Requests**
- **Advocacy Plan**

Introduction

- **2018 election will bring changes across state government**
- **Probable stability in House and Senate leadership**
- **Schedule, committee structure, chairs, membership unknown**

2019 Legislative Budget Requests

- **Applied Research Center: \$10,823,613**
- **Enhanced Graduation Pathways for STEM Students: \$2,250,000**
- **Outreach to Underserved Populations in Support of STEM Degrees: \$750,000**
- **Graduate Program Growth: \$2,500,000**
- **Advanced Mobility Research: \$500,000**

Advocacy Plan

- **Continue to develop relationships**
 - Summer visits on campus and in member offices
 - GR newsletter
 - Seek opportunities to share successes and needs
- **Coordinate contracted advocates' activities**
 - Regular conference calls
 - Individual assignments and outreach efforts
- **Engage stakeholders as advocates**
 - Trustees
 - Foundation members
 - Industry partners

Advocacy Plan

- **Identify and support champions**
 - Local delegation
 - Members with known interest in our issues
 - Committee chairs
 - Leadership
- **Communicate needs clearly**
 - Develop advocacy materials
 - Seek opportunities for legislative committee presentations
 - Hold targeted meetings in Tallahassee with champions

Capital Improvement Plan 2

LBR 2019-2020

GEOGRAPHIC LOCATION: **Florida Polytechnic University - Lakeland FL**

COUNTY: **Polk**

PROJECT BR No. **1209**

CIP-3, B - PROJECT DESCRIPTION		Applied Research Center								
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date			
Teaching Labs	7,000	1.4	9,800	376	3,684,800					
Research Labs	32,000	1.4	44,800	386	17,292,800					
Office/Computer	21,500	1.4	30,100	331	9,963,100					
Campus Support	286	1.4	400	282	112,913					
Totals	60,786		85,100		31,053,613					
*Apply Unit Cost to total GSF based on primary space type										
					Space Detail for Remodeling Projects					
					BEFORE		AFTER			
					Space Type	Net Area (NASF)	Space Type	Net Area (NASF)		
					Remodeling/Renovation	0				
					Total Construction - New & Rem./Renov	31,053,613	Total	0	Total	0

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS		ESTIMATED COSTS						
		Funded to Date	FY 2019-20	Year 2	Year 3	Year 4	Year 5	Funded & In CIP
1. BASIC CONSTRUCTION COSTS			Year 1					
a. Construction Cost (from above)		23,560,000	7,493,613					\$ 31,053,613
Add'l/Extraordinary Const. Costs								
b. Environmental Impacts/Mitigation								
c. Site Preparation		50,000						\$ 50,000
d. Landscape/Irrigation			25,000					\$ 25,000
e. Plaza/Walks			75,000					\$ 75,000
f. Roadway Improvements								\$ -
g. Parking ___ spaces			1,000,000					\$ 1,000,000
h. Telecommunication		120,000						\$ 120,000
i. Electrical Service		175,000						\$ 175,000
j. Water Distribution		120,000						\$ 120,000
k. Sanitary Sewer System		125,000						\$ 125,000
l. Chilled Water System		175,000						\$ 175,000
m. Storm Water System		150,000						\$ 150,000
n. Energy Efficient Equipment								\$ -
Total Construction Costs		24,475,000	8,593,613	0	0	0	0	\$ 33,068,613
2. OTHER PROJECT COSTS								
a. Land/existing facility acquisition								
b. Professional Fees		2,600,000						\$ 2,600,000
c. Fire Marshall Fees		7,250						\$ 7,250
d. Inspection Services		40,000						\$ 40,000
e. Insurance Consultant		23,200						\$ 23,200
f. Surveys & Tests		50,000						\$ 50,000
g. Permit/Impact/Environmental Fees		8,700						\$ 8,700
h. Artwork		29,000						\$ 29,000
i. Moveable Furnishings & Equipment			2,000,000					\$ 2,000,000
j. Project Contingency		640,000	230,000					\$ 870,000
Total - Other Project Cost:		3,398,150	2,230,000	0	0	0	0	\$ 5,628,150
ALL COSTS 1+2		27,873,150	10,823,613	0	0	0	0	\$ 38,696,763

Appropriations to Date		PECO Ask	Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	
PECO	2016-17	5,000,000	CRYFWD	2016-17	5,000,000	
PECO	2017-18	2,000,000				
PECO	2018-19	-	CRYFWD	2018-19	15,873,150	
TOTAL		7,000,000	10,823,613	TOTAL	20,873,150	38,696,763

Higher Educational Facilities Return on Investment – Florida Polytechnic University

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 Polytechnic University
Project: Applied Research Center
Total Project Cost: \$ 38,696,763
Previous Funding (State): \$ 7,000,000
University Contribution: \$ 20,873,150
Current Request: \$ 10,823,613
STEM (Yes or No): Yes
Contact Person (Name, Position, Office and Cell Phone No., Email):
Mark Mroczkowski, CFO 836.874.8408 407.580.5317 MMroczkowski@FloridaPoly.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:

The number of students attending Florida Polytechnic University has increased as the university developed. This will lead to more students graduating with degrees in high-tech fields. These graduates will earn salaries higher than average wages, thus helping to increase the economic health of the State of Florida.

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

Explanation:

The ARC will provide research space for faculty which gives graduate students opportunities beyond the limited opportunities currently available to engage in research in the Innovation, Science and Technology (IST) building. We anticipate that additional graduate students will get research experience as a result of building the Applied Research Center (ARC). The ARC will attract major private sector research companies looking to take advantage of the university's graduate students. While the number is undetermined at this time, Florida Polytechnic University currently has no research space in which to collaborate on applied research projects with industry partners.

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

Explanation:

We anticipate an additional \$20 M in research funding and 5-10 patents in the short term. Already, we have freshmen students who are being assisted with filing provisional patents.

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:

Florida Polytechnic University is a 100% STEM University so all degree programs address Areas of Strategic Emphasis. Students and faculty in those programs engage in "applied research" which is a major focus of the institution.

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

Explanation:

Florida Polytechnic University began educating students in the Fall of 2014. Therefore there has been not enough time to generate results or data to serve as the basis for any of its programs to be classified as preeminent or be included in the state's Performance Funding Model.

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

Explanation:

The capacity of the university to collaborate with more industry partners will lead to internships and jobs for its students. The ARC will help with recruiting additional partners. Many of our 89 existing partners have already expressed their interest in providing internships for Florida Polytechnic University students. Therefore we expect that many of the additional partners will also provide internships for students.

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

Explanation:

Currently, we are converting classroom space to research space which creates two negative outcomes. First, the conversion of classroom space reduces the intended capacity of the IST for educating students. Second, the converted classroom space is not ideal for use as research space. Therefore, the ARC will provide appropriate space for applied research and free up space in the IST for academic instruction. This increases the number of students that can be educated in those high-tech fields important to Florida's development as a leader in STEM education. The research conducted will lead to commercialization of some of the outcomes from that research.

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

Explanation: None

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:

Not applicable. The first phase of the campus was completed in 2014.

Other Pertinent Information not included above:

The State of Florida has invested heavily in creating an economic future as a leader of high-tech. Florida Polytechnic University's focus is applied research of real-world issues of high importance to its citizens. This research will serve as an economic catalyst in Florida and the nation. The University is at the forefront of an emerging trend among STEM institutions to supply the expertise and collaborative research opportunities that are vital to high-tech companies. Florida Polytechnic research will be less curiosity driven and more focused on solving real-world problems.

Based on current enrollment projections and very modest projections for faculty and industry partnered research, the expectation is that we must begin developing new research capacity now. As of May 2018, 50+ companies have relationships with the University. The companies are expecting to work with our faculty and students on research problems that can help them grow Florida's economy. These partners and more to come, along with our faculty and students must have sufficient research space and access to technology that high-tech industries demand of their research affiliations.

In addition to laboratories, the facility will accommodate an entrepreneurship center to assist with the commercialization of the products and systems created from the university's research. Faculty, students and private sector researchers will get the support they need to start companies, patent their innovations and create high-paying, high-tech jobs. Space is also needed to meet the demand for hosting industry research groups as well as national and international meetings that bring money from around the world to Florida. This intellectual talent will be available to researchers in Florida, leading to an increased likelihood that solutions with commercial appeal will be generated.

A significant amount of the interest shown by students in attending Florida Polytechnic University is the fact that they will get hands-on experience working with the latest technology on real-world problems. Our students will work side-by-side with industry researchers and University faculty as they seek to answer some of the pressing problems of society. Industry has made it clear that one of their biggest concerns with talent is that students graduate and are not prepared for the complexity of real-world problems, are not prepared to work as a part of a team and have little experience working with the latest technologies. Some of our industry partners have already identified issues on which they want to work on with our faculty and students. Having the facility to conduct this research is crucial to the University's mission and is a significant part of the foundation for creating Florida Polytechnic University.

CIP-3 SHORT-TERM PROJECT EXPLANATION
CIP-3, A – NARRATIVE DESCRIPTION

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AGENCY Florida Polytechnic University
BUDGET ENTITY SUS
PROJECT TITLE Student Achievement Center

AGENCY PRIORITY 2
DATE BLDG PROGRAM
APPROVED 05.23.2018

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

Current facilities on the campus of Florida Polytechnic University are sufficient for beginning operations. However, facilities needs based on enrollment growth projections and the level of student demand for admittance to the university show that we must begin planning immediately for a Student Achievement Center. This facility will serve as the key component in an essential series of initiatives to ensure that students succeed in their studies at the University. The Student Achievement Center will house an honors college, industry job center, international liaison office, a faculty and industry mentorship program and tutoring programs. Additionally, this facility will house programs that provide support for the psychological and social well-being of students, many of whom will be away from home from the first time.

Retention and graduation rates in engineering and math based majors are historically around 50% in the first two years. With retention rates this low, Florida has little hope of graduating enough STEM talent to meet industry demand and help Florida become a national and international leader in those fields. Studies have shown that higher levels of support, both academic and personal, dramatically increase the retention and graduation rates of students in STEM fields. Every student will have 24/7 access to programs developed to increased their chances of graduating with a degree.

The State of Florida, along with Cities and Counties have invested much taxpayer money in building an economy that has high-tech industries as the fourth major component of its economy. Companies in those industries have made it clear that they are looking for more graduates in STEM fields and graduates better prepared to succeed once they are hired. The need for higher retention rates that lead to a greater number of STEM graduates was highlighted in three critical reports. The Florida Chamber of Commerce identified "Six Pillars" that are essential to a robust economy in the state with talent being one of them. The report states that "Florida faces an emerging talent gap — a crisis in human capital that represents a vast and growing unmet need for a highly skilled and educated workforce". The Florida Chamber Foundation authored "Cornerstone" and "Cornerstone Revisited" which also highlight the need for additional STEM talent.

Without this Student Achievement Center, the intended impact of Florida Polytechnic will not be what is needed and expected. The University continues to work with high-tech industries to develop and implement programs that will make those industries successful in Florida. Those partnerships are a cornerstone of the University's development and the Student Achievement Center is a critical part of that model.

STATISTICAL JUSTIFICATION

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

GEOGRAPHIC LOCATION: Florida Polytechnic University - Lakeland FL

COUNTY: Polk

PROJECT BR I 1210

CIP-3, B - PROJECT DESCRIPTION Student Achievement Center							Space Detail for Remodeling Projects				
Facility/Space Type	Net Area (NASF)	Net to		Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date	BEFORE		AFTER	
		Gross Conversion	Gross Area (GSF)					Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Patient Care	2,500	1.4	3,500	325	1,137,500						
Office Computer	5,000	1.4	7,000	331	2,317,000						
Audit/Exhibit	32,000	1.4	44,800	329	14,739,200						
Study	1200	1.4	1,680	298	500,640						
Campus Support	286	1.4	400	282	112,913						
Totals	40,986		57,380		18,807,253						
*Apply Unit Cost to total GSF based on primary space type											
Remodeling/Renovation											
Total Construction - New & Rem./Renov.					18,807,253	Total	0	Total	0		

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS		ESTIMATED COSTS						
		Funded to						Funded & In CIP
		Date	Year 1	Year 2	Year 3	Year 4	Year 5	
1. BASIC CONSTRUCTION COSTS								
a. Construction Cost (from above)				4,137,600	13,541,220	1,128,433		\$ 18,807,253
Add'l/Extraordinary Const. Costs								
b. Environmental Impacts/Mitigation								\$ -
c. Site Preparation				25,000				\$ 25,000
d. Landscape/Irrigation						12,500		\$ 12,500
e. Plaza/Walks						37,500		\$ 37,500
f. Roadway Improvements								\$ -
g. Parking ___ spaces				500,000				\$ 500,000
h. Telecommunication				60,000				\$ 60,000
i. Electrical Service				87,500				\$ 87,500
j. Water Distribution				80,000				\$ 80,000
k. Sanitary Sewer System				80,000				\$ 80,000
l. Chilled Water System				110,500				\$ 110,500
m. Storm Water System				75,000				\$ 75,000
n. Energy Efficient Equipment								\$ -
Total Construction Costs		0	0	5,155,600	13,541,220	1,178,433	0	\$ 19,875,253
2. OTHER PROJECT COSTS								
a. Land/existing facility acquisition								\$ -
b. Professional Fees				1,100,000				\$ 1,100,000
c. Fire Marshall Fees				3,625				\$ 3,625
d. Inspection Services				3,000	30,000			\$ 33,000
e. Insurance Consultant				9,500				\$ 9,500
f. Surveys & Tests				5,000	15,000			\$ 20,000
g. Permit/Impact/Environmental Fees				4,350				\$ 4,350
h. Artwork						14,500		\$ 14,500
i. Moveable Furnishings & Equipment						1,000,000		\$ 1,000,000
j. Project Contingency						564,218		\$ 564,218
Total - Other Project Costs		0	0	1,125,475	45,000	1,578,718	0	\$ 2,749,193
ALL COSTS 1+2		0	0	6,281,075	13,586,220	2,757,151	0	\$ 22,624,446

Appropriations to Date			Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	
TOTAL		0	TOTAL		0	22,624,446

Higher Educational Facilities Return on Investment – Florida Polytechnic University

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Institution: Florida Polytechnic University

Project: Student Achievement Center

Total Project Cost: \$ 22,624,446

Previous Funding (State): \$ 0

University Contribution: \$ 0

Current Request: \$ 22,624,446

STEM (Yes or No): Yes

Contact Person (Name, Position, Office and Cell Phone No., Email):

Mark Mroczkowski, CFO 836.874.8408 407.580.5317 MMroczkowski@FloridaPoly.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:

The number of students attending Florida Polytechnic University will increase as the university develops. This will lead to more students graduating with degrees in high-tech fields. These graduates will earn salaries higher than average wages, thus helping to increase the economic health of the State of Florida.

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

Explanation:

The SAC will provide student services space and instructional support, which gives all students opportunities beyond the limited opportunities currently available, to engage in learning and study activity in the Innovation, Science and Technology (IST) building. We anticipate that additional students will get enhanced academic experience as a result of building the Student Achievement Center (SAC). The SAC will attract major private sector companies looking to take advantage of the university's student assembly spaces, and to schedule weekend training opportunities in the auditorium and meeting spaces. While the number is undetermined at this time, Florida Polytechnic University currently has limited space in which to collaborate on tutoring, student engagement with support staff, and direct contact with registrar, student health, counseling, bursar, and financial aid.

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

Explanation:

We anticipate an additional \$20 M in research funding and 5-10 patents in the short term. Already, we have several students who are being assisted with filing provisional patents. The academic support will be in the SAC.

4. X 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:

Florida Polytechnic University is a 100% STEM University so all degree programs address Areas of Strategic Emphasis. Students in the programs engage in both research and academics ... a major focus of the institution.

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

Explanation:

Florida Polytechnic University began educating students in 2014. Therefore there has been not enough time to generate results or data to serve as the basis for any of its programs to be classified as preeminent or be included in the state's Performance Funding Model.

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

Explanation:

The SAC will help with retention of students for our industry partners. Therefore, we expect that many of the additional partners will also provide internships for students.

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

Explanation:

Currently, we are occupying academic office space for collaboration rooms and occupying temporary facilities for student support, which creates two negative outcomes. First, the conversion of the space forces use of the Polk State College office space. Second, the temporary office spaces in Housing 2 implies lack of concern for student services. Therefore, the SAC will provide appropriate space for both student services and staff offices, and it will free up space in the IST for faculty and academic support. It increases the number of students that can be served or counseled in those high-tech fields important to Florida's development as a leader in STEM education. The service conducted will lead to academic success for students.

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

Explanation:

Initial \$5M was donated for student wellness and success. A portion of the money was expended for room in Housing 2 – a public, private partnership. The remainder of the monies and new funds will help supplement the project.

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:

Not applicable. The first phase of the campus was completed in 2014.

Other Pertinent Information not included above:

The State of Florida has invested heavily in creating an economic future as a leader of high-tech. Florida Polytechnic University's focus is applied research in real-world issues of high importance to its citizens. Success of the students is paramount to retention and the university mission of education. The University is at the forefront of an emerging trend among STEM institutions to supply the expertise and emerging opportunities that are vital to high-tech companies. Florida Polytechnic research will be less curiosity driven and more focused on solving real-world problems.

Based on current enrollment projections and very modest projections for student and faculty growth, the expectation is that we must begin developing collaborative methods for student success and support for the students. The students are expected to work with the faculty and industry partners on real world problems, which can help them grow Florida's economy. The students must have sufficient space and access to technology, which high-tech industries demand of the student interns.

Space is needed to meet the demand for hosting industry groups to gather for conferences and training, as well as national and international meetings that bring money from around the world to Florida. The intellectual talent will be available to partners in Florida, leading to an increased likelihood that solutions to problems will be generated by the students.

A significant amount of the interest shown by students in attending Florida Polytechnic University is the fact that they will get hands-on experience working with the latest technology on real-world problems. Our students will work side-by-side with industry partners and University faculty as they seek to answer some of the pressing problems of society. Industry has made it clear that one of their biggest concerns with talent is that students graduate and are not prepared for the complexity of real-world problems , are not prepared to work as a part of a team and have little experience working with the latest technologies. Some of our industry partners have already identified issues on which they want to work on with our faculty and students. Having the facility to support student success is crucial to the university's mission and is a significant part of the foundation for creating Florida Polytechnic University.

CIP-3 SHORT-TERM PROJECT EXPLANATION
CIP-3, A – NARRATIVE DESCRIPTION

Page 13 ____ of 25

AGENCY Florida Polytechnic University
BUDGET ENTITY SUS
PROJECT TITLE Faculty Staff Office Building

AGENCY PRIORITY 3
DATE BLDG PROGRAM
APPROVED 05.23.2018

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

The Technology Exhibition Hall will house the exhibition hall, campus support services and offices. It is a component of the original 2005 Master Plan for the University. The University has very limited access to exhibit spaces. Campus support service spaces are almost non-existent on the JDA Campus. Currently, University personnel are housed on the JDA Campus in the Innovation, Science & Technology Building, Technology Admissions Center, the Wellness Center Phase 1 and the Student Housing Phase 1. Personnel are also being housed in the Lakeland Technology Building on the campus of Polk State College in Lakeland. The statute creating Florida Polytechnic University requires that Florida Polytechnic turn over space on the Polk State campus to the College once space becomes available on the campus of Florida Polytechnic University. Growth in enrollment at the Polk State College campus in Lakeland makes their need for the space currently being occupied by Florida Polytechnic critical to the ability of Polk State College to meet the academic demands of their students.

As enrollment increases, the Technology Exhibition Hall will house the main exhibition space, campus support services, meeting spaces and administrative offices. Space in the Wellness Center Phase 1, which currently houses many of these services, will be used to expand the food service operation to feed students, faculty and visitors as the enrollment grows. Current projections show that our current facilities will exceed capacity within three years.

The Innovation, Science & Technology Building was designed and built to prioritize Classroom and Laboratory learning as well as the beginning of the University's research portfolio. Consequently, there is very limited meeting space, exhibition space, campus support and office spaces. STEM organizations and industry related companies have already approached the University about hosting scientific meetings and conferences. The construction of a Technology Exhibition Hall will free up space in other campus facilities for such endeavors.

One of the University's primary objectives is to develop relationships with industry in teaching and research. The proposed facility supports Florida Poly's ability to so do.

STATISTICAL JUSTIFICATION

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

GEOGRAPHIC LOCATION: **Florida Polytechnic University - Lakeland FL**

COUNTY: **Polk**

PROJECT BR No. **1211**

CIP-3, B - PROJECT DESCRIPTION		Faculty/Staff Office Building					
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date
Office Computer	30,000	1.4	42,000	331	13,902,000		
Audit/Exhibit	4,000	1.4	5,600	329	1,842,400		
Campus Support	4,786	1.4	6,700	282	1,889,400		
Space Detail for Remodeling Projects							
		BEFORE		AFTER			
	Space Type	Net Area (NASF)	Space Type	Net Area (NASF)			
Totals	38,786	54,300			17,633,800		
*Apply Unit Cost to total GSF based on primary space type							
Remodeling/Renovation							
Total Construction - New & Rem./Renov.					17,633,800	Total	0

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS		ESTIMATED COSTS						
		Funded to Date	Year 1	Year 2	Year 3	Year 4	Year 5	Funded & In CIP
1. BASIC CONSTRUCTION COSTS								
a. Construction Cost (from above)					2,750,000	11,293,800	3,590,000	\$ 17,633,800
Add'l/Extraordinary Const. Costs								
b. Environmental Impacts/Mitigation								\$ -
c. Site Preparation					25,000			\$ 25,000
d. Landscape/Irrigation					12,500			\$ 12,500
e. Plaza/Walks					37,500			\$ 37,500
f. Roadway Improvements								\$ -
g. Parking ___ spaces					500,000			\$ 500,000
h. Telecommunication					60,000			\$ 60,000
i. Electrical Service					87,500			\$ 87,500
j. Water Distribution					85,000			\$ 85,000
k. Sanitary Sewer System					87,500			\$ 87,500
l. Chilled Water System					110,500			\$ 110,500
m. Storm Water System					75,000			\$ 75,000
n. Energy Efficient Equipment								\$ -
Total Construction Costs		0	0	0	3,830,500	11,293,800	3,590,000	\$ 18,714,300
2. OTHER PROJECT COSTS								
a. Land/existing facility acquisition								\$ -
b. Professional Fees					1,000,000	546,347		\$ 1,546,347
c. Fire Marshall Fees					3,625			\$ 3,625
d. Inspection Services						25,000		\$ 25,000
e. Insurance Consultant					9,500			\$ 9,500
f. Surveys & Tests					5,000	20,000		\$ 25,000
g. Permit/Impact/Environmental Fees					4,350			\$ 4,350
h. Artwork							14,500	\$ 14,500
i. Moveable Furnishings & Equipment							1,000,000	\$ 1,000,000
j. Project Contingency							529,014	\$ 529,014
Total - Other Project Costs		0	0	0	1,022,475	591,347	1,543,514	\$ 3,157,336
ALL COSTS 1+2		0	0	0	4,852,975	11,885,147	5,133,514	\$ 21,871,636

Appropriations to Date			Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	
TOTAL		0	TOTAL		0	21,871,636

Higher Educational Facilities Return on Investment – Florida Polytechnic University

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 Polytechnic University
Project: Faculty/Staff Office Building
Total Project Cost: \$ 21,871,636
Previous Funding (State): \$ 0
University Contribution: \$ 0
Current Request: \$ 21,871,636
STEM (Yes or No): Yes
Contact Person (Name, Position, Office and Cell Phone No., Email):
Mark Mroczkowski, CFO 836.874.8408 407.580.5317 MMroczkowski@FloridaPoly.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:

The number of students attending Florida Polytechnic University will increase to 2,300 as the university develops, and more faculty are hired into the new programs. This will lead to more students graduating with degrees in high-tech fields, thus helping to increase the economic health of the State of Florida.

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

Explanation:

The Faculty Staff Office Building and training facilities will provide space for more faculty which giving students more opportunities for curriculum. We anticipate that additional students will get new experiences in emerging technologies, as a result of building the Faculty Staff Office Building (FSO). The training area in the building will attract major private sector research companies looking to take advantage of the university's graduating students.

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

Explanation:

Coupled with the Applied Research Center the Faculty Staff Office Building can help provide the additional \$20 M in research funding and the 5-10 patents in the short term.

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:

Florida Polytechnic University is a 100% STEM University so all degree programs address Areas of Strategic Emphasis. Students and faculty in those programs engage in "applied research" which is a major focus of the institution. Staff and faculty support only leads to improved programs in STEM programs.

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

Explanation:

Florida Polytechnic University began educating students in the Fall of 2014. Therefore there has been not enough time to generate results or data to serve as the basis for any of its programs to be classified as preeminent or be included in the state's Performance Funding Model.

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

Explanation:

The capacity of the university to collaborate with more industry partners will lead to internships and jobs for its students. The FSO will help with recruiting additional faculty and partners. Many of the more than 100 partners have already expressed their interest in providing internships for Florida Polytechnic University students. Expanded faculty can help mentor those students.

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

Explanation:

Currently, we are converting office space to tutoring space, which creates a negative outcome for faculty and staff. The converted classroom space is not ideal for use as tutoring space. Therefore, the FSO training space will provide appropriate space for student and staff instruction assistance.

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

Explanation: \$5M has been donated to the project through private donations.

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:

Not applicable. The first phase of the campus was completed in 2014, with no significant additions since that time, other than P3 Housing.

Other Pertinent Information not included above:

The State of Florida has invested heavily in creating an economic future as a leader of high-tech. Florida Polytechnic University's focus is applied research of real-world issues of high importance to its citizens. The University is at the forefront of an emerging trend among STEM institutions to supply the expertise and collaborative Faculty mentoring opportunities that are vital to high-tech companies. Florida Polytechnic outcomes will be less curiosity driven and more focused on solving real-world problems.

Based on current enrollment projections and very modest projections for faculty and industry partnered research, the expectation is that we must begin developing new research capacity now. As of May 2018, 50+ companies have relationships with the University. The companies are expecting to work with our faculty and students on problems that can help them grow Florida's economy. These partners and more to come, along with our faculty and students must have sufficient mentoring and office space, with access to technology which high-tech industries demand of partners.

Space is also needed to meet the demand for hosting industry research groups as well as national and international meetings that bring money from around the world to Florida. The FSO will provide for much needed appropriate faculty and staff office support.

A significant amount of the interest shown by students in attending Florida Polytechnic University is the fact that they will get hands-on experience working with the latest technology on real-world problems. Our students will work side-by-side with industry partners and University faculty mentors, as they seek to answer some of the pressing problems of society. Industry has made it clear that one of their biggest concerns with talent is that students graduate and are not prepared for the complexity of real-world problems, are not prepared to work as a part of a team, having little experience working with the latest technologies. Some of our industry partners have already identified issues on which they want to work on with our faculty and students. Having the facility, to house faculty and staff, and provide training areas, is crucial to the university's mission and is a significant part of the foundation for creating Florida Polytechnic University.

STATE UNIVERSITY SYSTEM
Fixed Capital Outlay Projects Requiring Board of Governors Approval
to be Constructed, Acquired and Financed by a University or
a University Direct Support Organization with Approved Debt
BOB-1

Florida Polytechnic University

2019-2020

Univ.	Project Title	GSF	Brief Description of Project	Project Location	Project Amount*	Funding Source	Estimated Month Of Board Approval Request	Estimated Annual Amount For Operational & Maintenance Costs	
								Amount *	Source
1- FPU	Parking Structure 1	156,000	600-Car Parking Structure 1	Lakeland	\$11,099,800	DSO	05.23.2018	\$90,000	Bond Funds
2- FPU	Parking Structure 2	149,500	600-Car Parking Structure 2	Lakeland	\$10,061,750	DSO	05.23.2018	\$90,000	Bond Funds
3- FPU	Res Hall 3	134,400	350-bed Residential Housing	Lakeland	\$25,980,518	DSO	05.23.2018	\$180,000	Bond Funds
4- FPU	Res Hall 4	134,400	350-bed Residential Housing	Lakeland	\$25,980,518	DSO	05.23.2018	\$180,000	Bond Funds
Subtotal					\$73,122,586			\$540,000	
Courtelis Matching Fund									
	Private Contribution	115,889	IST Buiding & Site Infrastructure	Lakeland	\$10,634,192	CFDC	10.24.12 *	\$315,000	PO+M & Carry Forward
	Private Contribution	39,955	Wellness Center	Lakeland	\$3,500,000	LFDC	10.24.12 *	\$130,000	PO+M & Auxilliary
Subtotal					\$14,134,192			\$445,000 *	

* Transferred from USFP

CIP-3 SHORT-TERM PROJECT EXPLANATION
CIP-3, A – NARRATIVE DESCRIPTION

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AGENCY Florida Polytechnic University
BUDGET ENTITY SUS
PROJECT TITLE Parking Structure 1 & 2

AGENCY PRIORITY 5
DATE BLDG PROGRAM
APPROVED 05.23.2018

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

The Florida Polytechnic university, while within the City of Lakeland, is a remote campus and will require parking spaces for approximately 2,400 vehicles within the ten-year planning period. The need for a parking garage structure is paramount to preserving land for future development on the campus. Approximately 1,200 parking spaces would be provided as surface parking spaces, and the need for the additional 1,200 spaces would be met by the project in two phases of 600 each, with shared ramps. The program requires the university to also investigate adjacent alternate use spaces in order to maximize infrastructure investment.

To support the development of the university transportation alternates have been studied. The need for parking structures is documented in a study prepared for the university by Tim Haas Associates, and will be included in the Master Plan Update.

STATISTICAL JUSTIFICATION

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

GEOGRAPHIC LOCATION: Florida Polytechnic University - Lakeland FL

COUNTY: Polk

PROJECT BR No. 1212

CIP-3, B - PROJECT DESCRIPTION		600-Car Parking Structure 1						Space Detail for Remodeling Projects			
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date	BEFORE		AFTER	
								Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Parking	120,000	1.3	156,000	60	9,360,000						
			0		0						
			0		0						
			0		0						
Totals	120,000		156,000		9,360,000						
*Apply Unit Cost to total GSF based on primary space type											
Remodeling/Renovation											
Total Construction - New & Rem./Renov.					9,360,000			Total	0	Total	0

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS		ESTIMATED COSTS						
	Funded to Date	Year 1	Year 2	Year 3	Year 4	Year 5	Funded & In CIP	
1. BASIC CONSTRUCTION COSTS								
a. Construction Cost (from above)			\$9,360,000				\$9,360,000	
Add'l/Extraordinary Const. Costs								
b. Environmental Impacts/Mitigation							\$0	
c. Site Preparation			\$26,000				\$26,000	
d. Landscape/Irrigation			\$12,000				\$12,000	
e. Plaza/Walks			\$25,000				\$25,000	
f. Roadway Improvements			\$14,000				\$14,000	
g. Parking 600 spaces							\$0	
h. Telecommunication			\$12,000				\$12,000	
i. Electrical Service			\$55,000				\$55,000	
j. Water Distribution			\$20,000				\$20,000	
k. Sanitary Sewer System							\$0	
l. Chilled Water System							\$0	
m. Storm Water System			\$85,000				\$85,000	
n. Energy Efficient Equipment							\$0	
Total Construction Costs	\$0	\$0	\$9,609,000	\$0	\$0	\$0	\$9,609,000	
2. OTHER PROJECT COSTS								
a. Land/existing facility acquisition							\$0	
b. Professional Fees			\$780,000				\$780,000	
c. Fire Marshall Fees			\$3,150				\$3,150	
d. Inspection Services			\$33,400				\$33,400	
e. Insurance Consultant			\$9,900				\$9,900	
f. Surveys & Tests			\$21,200				\$21,200	
g. Permit/Impact/Environmental Fees			\$4,650				\$4,650	
h. Artwork							\$0	
i. Moveable Furnishings & Equipment				\$170,500			\$170,500	
j. Project Contingency				\$468,000			\$468,000	
Total - Other Project Costs	\$0	\$0	\$852,300	\$638,500	\$0	\$0	\$1,490,800	
ALL COSTS 1+2	\$0	\$0	\$10,461,300	\$638,500	\$0	\$0	\$11,099,800	

Appropriations to Date			Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	
TOTAL		0	TOTAL		0	\$11,099,800

CIP-3 SHORT-TERM PROJECT EXPLANATION
CIP-3, A – NARRATIVE DESCRIPTION

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AGENCY Florida Polytechnic University
BUDGET ENTITY SUS
PROJECT TITLE Residence Hall 3

AGENCY PRIORITY 6
DATE BLDG PROGRAM
APPROVED 05.23.2018

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

Dr. Ray Gasser, University of Idaho reported in his 2008 study that "Researchers consistently have found that living on campus, and more specifically living in residence halls, positively impacts students in a variety of ways including higher GPAs, higher retention rates, and higher matriculation rates (Anderson, 1981; Astin, 1977, 1982; Blimling, 1993, 1999; Nicpon, Huser, Blanks, Sollenberger, Befort, & Kurpius, 2006; Pascarella and Chapman, 1983; Thompson, Samiratedu, & Rafter, 1993; Tinto, 1987; and Velez, 1985)." Florida Polytechnic University is implementing many initiatives to ensure student success and on-campus housing is a significant component.

Of the more than 3,000 applicants for 500 slots in the 2014-15 inaugural class, approximately 66% of them preferred to live on campus. Enrollment is expected to grow in the 2019-20 academic year to over 1,481 students making the current, 219 beds in Housing 1 and 529 beds in Housing 2, numbers on campus woefully inadequate to meet demand. The inability to provide more housing will negatively impact retention rates at the university. In many instances, students who do not complete their degree leave with debt and are at a greater risk of defaulting on student loans.

Florida Polytechnic plans to build a third residence hall that has 350 beds and planned spaces for learning and living. This will directly support the university's mission to graduate students in sufficient numbers who are needed by high-tech industries in Florida. Those industries need well-educated students if they are to grow and provide well-paying jobs thereby having a positive impact on the state's economic status. In addition, higher retention rates at Florida Polytechnic University will provide more students to work with high-tech companies to solve problems important to Florida's future.

STATISTICAL JUSTIFICATION

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

GEOGRAPHIC LOCATION: Florida Polytechnic University - Lakeland FL

COUNTY: Polk

PROJECT BR No.: 1214

CIP-3, B - PROJECT DESCRIPTION								Residential Housing 3 - PPP			
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date	Space Detail for Remodeling Projects			
								BEFORE		AFTER	
								Space Type	Net Area (NASF)	Space Type	Net Area (NASF)
Residence Hall 350 bed Unit	90,000	1.4	126,000	160	\$20,160,000						
Living Learning	6,000	1.4	8,400	160	\$1,344,000						
Totals	<u>96,000</u>		<u>134,400</u>		<u>\$21,504,000</u>						
*Apply Unit Cost to total GSF based on primary space type											
Remodeling/Renovation											
Total Construction - New & Rem./Renov.					<u>\$21,504,000</u>			Total	<u>0</u>	Total	<u>0</u>

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS			ESTIMATED COSTS				
	Funded to Date	Year 1	Year 2	Year 3	Year 4	Year 5	Funded & In CIP
1. BASIC CONSTRUCTION COSTS							
a. Construction Cost (from above)				\$17,472,000			\$21,504,000
Add'l/Extraordinary Const. Costs							
b. Environmental Impacts/Mitigation				\$0			\$0
c. Site Preparation				\$25,000			\$25,000
d. Landscape/Irrigation				\$12,500			\$12,500
e. Plaza/Walks				\$20,000			\$20,000
f. Roadway Improvements				\$0			\$0
g. Parking 260 spaces				\$1,222,000			\$1,222,000
h. Telecommunication				\$60,000			\$60,000
i. Electrical Service				\$87,500			\$87,500
j. Water Distribution				\$80,000			\$80,000
k. Sanitary Sewer System				\$80,000			\$80,000
l. Chilled Water System				\$115,000			\$115,000
m. Storm Water System				\$75,000			\$75,000
n. Energy Efficient Equipment				\$0			\$0
Total Construction Costs	\$0	\$0	\$0	\$19,249,000	\$0	\$0	\$23,281,000
2. OTHER PROJECT COSTS							
a. Land/existing facility acquisition				\$0			\$0
b. Professional Fees				\$1,572,500			\$1,572,500
c. Fire Marshall Fees				\$4,368			\$4,368
d. Inspection Services				\$40,000			\$40,000
e. Insurance Consultant				\$13,300			\$13,300
f. Surveys & Tests				\$15,000			\$15,000
g. Permit/Impact/Environmental Fees				\$4,350			\$4,350
h. Artwork				\$0			\$0
i. Moveable Furnishings & Equipment				\$1,050,000			\$1,050,000
j. Project Contingency				\$0			\$0
Total - Other Project Costs	\$0	\$0	\$0	\$2,699,518	\$0	\$0	\$2,699,518
ALL COSTS 1+2	\$0	\$0	\$0	\$21,948,518	\$0	\$0	\$25,980,518

Appropriations to Date			Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	
TOTAL		<u>\$0</u>	TOTAL		<u>\$0</u>	<u>\$25,980,518</u>

CIP-3 SHORT-TERM PROJECT EXPLANATION
CIP-3, A – NARRATIVE DESCRIPTION

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AGENCY Florida Polytechnic University
BUDGET ENTITY SUS
PROJECT TITLE Residence Hall 4

AGENCY PRIORITY 7
DATE BLDG PROGRAM
APPROVED 05.23.2018

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

Dr. Ray Gasser, University of Idaho reported in his 2008 study that "Researchers consistently have found that living on campus, and more specifically living in residence halls, positively impacts students in a variety of ways including higher GPAs, higher retention rates, and higher matriculation rates (Anderson, 1981; Astin, 1977, 1982; Blimling, 1993, 1999; Nicpon, Huser, Blanks, Sollenberger, Befort, & Kurpius, 2006; Pascarella and Chapman, 1983; Thompson, Samiratedu, & Rafter, 1993; Tinto, 1987; and Velez, 1985)." Florida Polytechnic University is implementing many initiatives to ensure student success and on-campus housing is a significant component.

Of the more than 3,000 applicants for 500 slots in the 2014-15 inaugural class, approximately 66% of them preferred to live on campus. Enrollment is expected to grow in the 2020-21 academic year to over 1,617 students making the current, 219 beds in Housing 1, 529 beds in Housing 2 and 350 beds in Housing 3, numbers on campus woefully inadequate to meet demand. The inability to provide more housing will negatively impact retention rates at the university. In many instances, students who do not complete their degree leave with debt and are at a greater risk of defaulting on student loans.

Florida Polytechnic plans to build a fourth residence hall that has 350 beds and planned spaces for learning and living. This will directly support the university's mission to graduate students in sufficient numbers who are needed by high-tech industries in Florida. Those industries need well-educated students if they are to grow and provide well-paying jobs thereby having a positive impact on the state's economic status. In addition, higher retention rates at Florida Polytechnic University will provide more students to work with high-tech companies to solve problems important to Florida's future.

STATISTICAL JUSTIFICATION

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

GEOGRAPHIC LOCATION: Florida Polytechnic University - Lakeland FL

COUNTY: Polk

PROJECT BR No.: 1215

CIP-3, B - PROJECT DESCRIPTION		Residential Housing 4 - PPP							
Facility/Space Type	Net Area (NASF)	Net to Gross Conversion	Gross Area (GSF)	Unit Cost (Cost/GSF)*	Construction Cost	Assumed Bid Date	Occupancy Date	Space Detail for Remodeling Projects	
Residence Hall 350 bed Unit	90,000	1.4	126,000	160	\$20,160,000				
Living Learning	6,000	1.4	8,400	160	\$1,344,000				
Totals	<u>96,000</u>		<u>134,400</u>		<u>\$21,504,000</u>				
*Apply Unit Cost to total GSF based on primary space type									
Remodeling/Renovation									
Total Construction - New & Rem./Renov.					<u>\$21,504,000</u>	Total	<u>0</u>	Total	<u>0</u>

CIP-3, C - SCHEDULE OF PROJECT COMPONENTS		ESTIMATED COSTS						
	Funded to Date	Year 1	Year 2	Year 3	Year 4	Year 5	Funded & In CIP	
1. BASIC CONSTRUCTION COSTS								
a. Construction Cost (from above)						\$17,472,000	\$21,504,000	
Add'l/Extraordinary Const. Costs								
b. Environmental Impacts/Mitigation							\$0	
c. Site Preparation						\$25,000	\$25,000	
d. Landscape/Irrigation						\$12,500	\$12,500	
e. Plaza/Walks						\$20,000	\$20,000	
f. Roadway Improvements						\$0	\$0	
g. Parking 260 spaces						\$1,222,000	\$1,222,000	
h. Telecommunication						\$60,000	\$60,000	
i. Electrical Service						\$87,500	\$87,500	
j. Water Distribution						\$80,000	\$80,000	
k. Sanitary Sewer System						\$80,000	\$80,000	
l. Chilled Water System						\$115,000	\$115,000	
m. Storm Water System						\$75,000	\$75,000	
n. Energy Efficient Equipment						\$0	\$0	
Total Construction Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$19,249,000	\$23,281,000
2. OTHER PROJECT COSTS								
a. Land/existing facility acquisition						\$0	\$0	
b. Professional Fees						\$1,572,500	\$1,572,500	
c. Fire Marshall Fees						\$4,368	\$4,368	
d. Inspection Services						\$40,000	\$40,000	
e. Insurance Consultant						\$13,300	\$13,300	
f. Surveys & Tests						\$15,000	\$15,000	
g. Permit/Impact/Environmental Fees						\$4,350	\$4,350	
h. Artwork						\$0	\$0	
i. Moveable Furnishings & Equipment						\$1,050,000	\$1,050,000	
j. Project Contingency						\$0	\$0	
Total - Other Project Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$2,699,518	\$2,699,518
ALL COSTS 1+2	\$0	\$0	\$0	\$0	\$0	\$0	\$21,948,518	\$25,980,518

Appropriations to Date			Project Costs Beyond CIP Period			Total Project In CIP & Beyond
Source	Fiscal Year	Amount	Source	Fiscal Year	Amount	
TOTAL		<u>\$0</u>	TOTAL		<u>\$0</u>	<u>\$25,980,518</u>

**State University System
Florida Board of Governors
2019-2020 Legislative Budget Request Instructions
Forms I and II**

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For system-wide issues, consideration will be given to issues that allow for greater efficiencies through shared system resources or identified as a system-wide need. If requesting funds as such, please list all university participants of the initiative and check the box "Shared Services/System-Wide Issue".

For unique issues identified by a university, please check the box "Unique Issue for FY 2019-2020".

Please keep in mind that all issues submitted for consideration by the Board should align with the goals and objectives of the strategic priorities and accountability plan established by each university.

**State University System
Education and General
2019-2020 Legislative Budget Request
Form I**

University(s):	Florida Polytechnic University
Issue Title:	Advanced Mobility Research
Recurring Funds Requested:	\$0
Non-Recurring Funds Requested:	\$500,000.00
Total Funds Requested:	\$500,000.00
Please check the issue type below:	
Shared Services/System-Wide Issue for Fiscal Year 2019-2020	<input type="checkbox"/>
Unique Issue for Fiscal Year 2019-2020	<input checked="" type="checkbox"/>

I. Description – 1. Describe the service or program to be provided and how this issue aligns with the goals and objectives of the strategic priorities and the 2018 University Accountability Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services.

Autonomous vehicle technology has the promise of solving many of today’s transportation related problems, but there are significant challenges in technology, regulation and liability that need to be solved before there is widespread adoption. With a predicted market of over \$100B within 15 years, manufacturers are racing to grab their share of the market. Many states are also responding to this opportunity by proposing large research and testing centers, and Florida is no exception. The Florida Turnpike Enterprise recently decided to partner with Florida Polytechnic University and build SunTrax adjacent to our campus. Their commitment and investment in this project makes Florida the leader in CAV as reported in the Wall Street Journal, but their commitment is limited to the track itself. Florida Polytechnic will need to define and build the testing infrastructure and research programs that attract this important industry to Florida and help grow our high-technology economy into the future.

Last year, Florida Poly created an Advanced Mobility Institute and was awarded \$500K to begin these efforts. With this award we have eight faculty collaborating on (1) finding the unique “edge cases” that exercise the critical aspects of a CAV that might lead to fatal crashes; (2) exploring the impact of potentially significant electromagnetic interference between vehicles; (3) investigating the requirements of the human/machine interfaces for mixed-mode human/machine systems; and (4) defining the desired electronic testing infrastructure (sensors, telemetry, data collection, analysis and playback) required to attract the industry to test in, and relocate to, Florida.

This year’s request will provide resources to continue conducting this research leading to external funding of our efforts. More importantly, a detailed capital equipment plan will be produced that will reinforce SunTrax as the leader in CAV testing. With a complete solution for CAV research, development and testing, SunTrax will be an important asset available to all universities in the State University System to help grow their CAV related research.

This request aligns with the following SUS Priority Goals and Key Performance Indicators.

SUS Goals:

- Scholarship, Research and Innovation
 - Strengthen Quality and Reputation of Scholarship, Research, and Innovation
 - Increase Research Commercialization Activity
 - Increase Collaboration and External Support for Research Activity
- Community and Business Engagement
 - Strengthen Quality and Recognition of Commitment to Community and Business Engagement
 - Increase Levels of Community and Business Engagement
 - Increase Community and Business Workforce

SUS KPIs:

- Scholarship, Research and Innovation
 - Total Research Expenditures
 - Percentage of Research Expenditures Funded from External Sources

This request also aligns with the following Florida Poly strategic goals.

- Degree Alignment: Build prominent programs in high-paying industries
- Student Success: Prepare students for a lifetime of success
- Economic Development: Grow a high-technology economy around Florida Poly

II. Return on Investment - Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if the issue focuses on expanding access to academic programs or student services, indicate the current and expected outcomes.

The core benefits of this request are:

- Provides direct services to industries seeking autonomous mobility solutions, including transportation, agriculture, real estate
- Increases avenues to pursue federal research support
- Expands an emerging industry in Florida
- Provides technical expertise to SunTrax
- Provides partnership opportunities with other research institutions

III. Facilities (If this issue requires an expansion or construction of a facility, please complete the following table.):

	Facility Project Title	Fiscal Year	Amount Requested	Priority Number
1.				
2.				

**State University System
Florida Board of Governors
2019-2020 Legislative Budget Request Instructions
Forms I and II**

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For system-wide issues, consideration will be given to issues that allow for greater efficiencies through shared system resources or identified as a system-wide need. If requesting funds as such, please list all university participants of the initiative and check the box “Shared Services/System-Wide Issue”.

For unique issues identified by a university, please check the box “Unique Issue for FY 2019-2020”.

Please keep in mind that all issues submitted for consideration by the Board should align with the goals and objectives of the strategic priorities and accountability plan established by each university.

**State University System
Education and General
2019-2020 Legislative Budget Request
Form I**

University(s):	Florida Polytechnic University
Issue Title:	Graduate Program Growth
Recurring Funds Requested:	\$2,500,000.00
Non-Recurring Funds Requested:	0
Total Funds Requested:	\$2,500,000
Please check the issue type below:	
Shared Services/System-Wide Issue for Fiscal Year 2019-2020	<input type="checkbox"/>
Unique Issue for Fiscal Year 2019-2020	<input checked="" type="checkbox"/>

I. Description – 1. Describe the service or program to be provided and how this issue aligns with the goals and objectives of the strategic priorities and the 2018 University Accountability Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services.

Growth of graduate programs is the next step in Florida Polytechnic University’s (Florida Poly) development. Florida Poly proposes to build upon existing MS degrees in Engineering and Computer Science, with tracks in Robotics, Control Systems, Logistics, Data Analytics, and two additional tracks to be developed. Graduate students will receive tuition support and stipends, and will complete thesis projects aligned with a Florida industry or a Federal funding initiative. Students working with industry will spend significant time with their industry partner in the development of their theses. Students working on Federal initiatives will work with faculty to develop capacity in support of federal research. Florida Poly will steadily build the graduate cohort to approximately 40 incoming students per year. In addition, some of the requested funding will be used to broaden graduate degrees linked to a growing technology economy.

This request aligns with the following SUS Priority Goals and Key Performance Indicators.

SUS Goals:

- Teaching and Learning:
 - Increase Degree Productivity and Program Efficiency
 - Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- Scholarship, Research and Innovation:
 - Increase Research and Commercialization Activity
 - Increase Collaboration and External Support for Research Activity
- Community and Business Engagement:
 - Increase Levels of Community and Business Engagement
 - Increase Community and Business Workforce

SUS KPIs:

- Teaching and Learning
 - Graduate Degrees Awarded
- Scholarship, Research and Innovation
 - Total Research Expenditures

This request also aligns with all four Florida Poly strategic goals.

- Degree Alignment: Build prominent programs in high-paying industries.
- Student Success: Prepare students for a lifetime of success.
- Economic Development: Grow a high-technology economy around Florida Poly.
- Affordability: Maximize value for the student.

II. Return on Investment - *Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if the issue focuses on expanding access to academic programs or student services, indicate the current and expected outcomes.*

The core benefits of this request are:

- Increase in graduate STEM degrees (current: ~10 annually; total when fully operational: ~60).
- Increased number of graduate students providing direct support of Florida industry (total when fully operational: ~30)

III. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

	Facility Project Title	Fiscal Year	Amount Requested	Priority Number
1.				
2.				

**State University System
Florida Board of Governors
2019-2020 Legislative Budget Request Instructions
Forms I and II**

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For system-wide issues, consideration will be given to issues that allow for greater efficiencies through shared system resources or identified as a system-wide need. If requesting funds as such, please list all university participants of the initiative and check the box “Shared Services/System-Wide Issue”.

For unique issues identified by a university, please check the box “Unique Issue for FY 2019-2020”.

Please keep in mind that all issues submitted for consideration by the Board should align with the goals and objectives of the strategic priorities and accountability plan established by each university.

**State University System
Education and General
2019-2020 Legislative Budget Request
Form I**

University(s):	Florida Polytechnic University
Issue Title:	Enhanced Graduation Pathways for STEM Students
Recurring Funds Requested:	\$2,250,000.00
Non-Recurring Funds Requested:	0
Total Funds Requested:	\$2,250,000.00
Please check the issue type below:	
Shared Services/System-Wide Issue for Fiscal Year 2019-2020	<input type="checkbox"/>
Unique Issue for Fiscal Year 2019-2020	<input checked="" type="checkbox"/>

I. Description – 1. Describe the service or program to be provided and how this issue aligns with the goals and objectives of the strategic priorities and the 2018 University Accountability Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services.

As the only Florida state university dedicated exclusively to STEM degrees, Florida Polytechnic University (Florida Poly) strives to be the premier, core STEM public institution in the southeast region of the United States. We want to attract Florida’s most talented students and retain them in Florida jobs after graduation. This proposal is a creative way to accomplish that goal. The highly talented students we seek often earn substantial Advanced Placement (AP) credit in high school. Capitalizing on specific AP credit, Florida Poly proposes to create a pathway for up to 100 students to complete their baccalaureate degree in three-years. This pathway will provide schedule enhancements and flexibility to effectively use summers and “May-mesters,” and will require two internships so the program is tied directly to Florida industry. Funding will be used to provide off-cycle courses, administrative support, summer support for teaching faculty, and operations support.

This request aligns with the following SUS Performance Based Funding Metrics, Priority Goals and Key Performance Indicators.

SUS PBF Metrics:

- Average Cost to Student
- FTIC Four-Year Graduation Rate
- Academic Progress Rate
- Percent of Baccalaureate Degrees Awarded Without Excess Hours

SUS Goals:

- Teaching and Learning:
 - Strengthen Quality and Reputation of Academic Programs and Universities
 - Increase Degree Productivity and Program Efficiency
 - Increase the Number of Degrees Awarded in STEM and Other Areas of Strategic Emphasis
- Scholarship, Research and Innovation
 - Strengthen Quality and Reputation of Scholarship, Research, and Innovation
- Community and Business Engagement
 - Strengthen Quality and Recognition of Commitment of Community and Business Engagement
 - Increase Levels of Community and Business Engagement
 - Increase Community and Business Workforce

SUS KPIs:

- Teaching and Learning
 - Time to Degree for FTICs in 120 hour programs
 - Six-Year FTIC Graduation Rates
 - Four-Year FTIC Graduation Rates

This request also aligns with the following Florida Poly strategic goals.

- Student Success: Prepare students for a lifetime of success.
- Affordability: Maximize value for the student.

II. Return on Investment - *Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if the issue focuses on expanding access to academic programs or student services, indicate the current and expected outcomes.*

The core benefits of this request are:

- Reduces cost to student by accelerating degree completion. Using current cost of attendance figures, approximate savings per student is one year of living expenses and the tuition savings from careful use of AP credit. Living expenses range from \$7,348 for a student living at home to \$14,903 for a student that lives on campus. Tuition, fee, and book savings for 20 credit hours for an in-state student is \$4,093.
- Provides an incentive for highly talented STEM students to earn their degree in Florida
- Connects highly talented STEM students directly with Florida industry; we estimate the annual placement of students in Florida Industry may involve up to 200 Florida companies.
- Provides an innovative, unique approach to a STEM degree.

III. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

	Facility Project Title	Fiscal Year	Amount Requested	Priority Number
1.				
2.				

**State University System
Florida Board of Governors
2019-2020 Legislative Budget Request Instructions
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For unique issues identified by a university, please check the box “Unique Issue for FY 2019-2020”.

Please keep in mind that all issues submitted for consideration by the Board should align with the goals and objectives of the strategic priorities and accountability plan established by each university.

**State University System
Education and General
2019-2020 Legislative Budget Request
Form I**

University(s):	Florida Polytechnic University
Issue Title:	Outreach to Underserved Populations in Support of STEM Degrees
Recurring Funds Requested:	\$750,000
Non-Recurring Funds Requested:	
Total Funds Requested:	\$750,000
Please check the issue type below:	
Shared Services/System-Wide Issue for Fiscal Year 2019-2020	<input type="checkbox"/>
Unique Issue for Fiscal Year 2019-2020	<input checked="" type="checkbox"/>

I. Description - 1. Describe the service or program to be provided and how this issue aligns with the goals and objectives of the strategic priorities and the 2018 University Accountability Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services.

Increasing access and degree completion for students from traditionally underrepresented groups is a stated goal in the SUS 2012-25 Strategic Plan. Florida Polytechnic University (Florida Poly) proposes to address this goal through a series of one-week residential outreach programs for high school students that represent underserved populations. Curriculum has already been developed at Florida Poly and delivered as a pilot program this year. In coming years we would continue this development through a partnership with the MIT Beaver Works Summer Institute, a rigorous, world-class STEM program for talented rising high-school seniors. The requested funds will be used for student housing, chaperones, and faculty summer time.

This request aligns with the following SUS Performance Metrics and Priority Goals.

SUS PBF Metrics:

- University Access Rate

SUS Goals:

- Teaching and Learning
 - Increase Degree Productivity and Program Efficiency
 - Increase the Number of Degrees Awarded in STEM and other Areas of Strategic Emphasis
- Community and Business Engagement
- Increase Community and Business Workforce

This request also aligns with the following Florida Poly strategic goals.

- Degree Alignment: Build prominent programs in high-paying industries.
- Student Success: Prepare students for a lifetime of success.
- Affordability: Maximize value for the student.

II. Return on Investment - *Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if the issue focuses on expanding access to academic programs or student services, indicate the current and expected outcomes.*

The core benefits of this request are:

- Provides a tool to recruit underrepresented populations into STEM programs
- Ultimately improves campus and workforce diversity
- Serves the state and industry by introducing more students to STEM programs and potentially increasing the number of STEM degrees awarded

III. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

	Facility Project Title	Fiscal Year	Amount Requested	Priority Number
1.				

2.				
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**Florida Polytechnic University
Governance Committee
Board of Trustees
September 5, 2018**

Subject: Federal Relations Activity Update

Proposed Committee Action

Information only – no action required.

Background Information

An update on Federal relations will be shared.

Supporting Documentation: PowerPoint presentation

Prepared by: Rick Maxey, AVP, Economic Development & Board Liaison



FLORIDA POLYTECHNIC
UNIVERSITY

Federal Relations

Rick Maxey

September 5, 2018

Primary Focus

- **Automotive Vehicle Initiative**
 - Autonomous transportation grants for testing & development
 - \$100 million
- **Economic Development Integration**
 - Regional economic diversification
 - Support enhanced collaboration
- **Innovation & Entrepreneurship**
 - 2018 i6 Challenge (\$16 million) for creation of centers for innovation and entrepreneurship
- **Rare Earth Cooperative Executive Order**
 - Awaiting President Trump's signature

Frank Brogan

Assistant Secretary of Elementary
and Secondary Education



OESE

stands for

Office of Elementary and
Secondary Education



Abbreviations.com

Congressional Field Hearing AV

Senate Committee on Commerce,
Science, and Transportation





- **Valerie Browning**

- DARPA'S Defense Sciences Office



- **Tom Masiello**

- Adaptive Execution Office





Office of Innovation and Entrepreneurship



NIST
**National Institute of
Standards and Technology**
U.S. Department of Commerce



**U.S. Department
of Transportation**

Economic Development Integration

EDI MISSION AND METHODS

EDI MISSION

To establish a collaborative platform for the development of knowledge, tools and complementary resources that support locally-identified priorities for increased regional economic diversification, growth and prosperity.

EDI METHODS

- Networking
- Content Development and Knowledge Transfer
- Aligning Program Requirements
- Co-Investment of Program Resources

**Florida Polytechnic University
Governance Committee
Board of Trustees
September 5, 2018**

Subject: BOT Self-Assessment Results and Goals

Proposed Committee Action

Determine three or four goals and priorities to recommend to the board for enhancing board performance.

Background Information

At the May 22, 2018 Board Workshop, consultant Carol Cartwright reviewed the results of the board's self-assessment. She highlighted the specific areas where the results of the assessment indicated there was a need for improvement or further discussion. Several recommendations were discussed in the meeting, and the Governance Committee was tasked with taking a closer look at the results in order to formulate goals.

Supporting Documentation: BOT Self-Evaluation Results PowerPoint

Prepared by: Gina DeIulio, VP and General Counsel



FLORIDA POLYTECHNIC
UNIVERSITY

**Board of Trustees
Self Assessment**

Gina DeIulio

September 5, 2018

Mission and Strategy

1.7 Seeks out and considers diverse and competing points of view when discussing critical issues.

Consultant's recommendations on conducting Board meetings:

- Use Consent Agenda
- Have fewer people on each committee with more time for more strategic discussion
- Have committees meet concurrently
- Have an informational/educational lunch
- Formal board meeting (1.5 hrs.) Chairs of committees make presentations to board.



2.8 Serves as a sounding board and thought partner to the chief executive.

- Getting engaged in strategic discussions – having more time for more robust discussions, being a thought partner for the president.

2.12 Has a plan or policy that addresses an unanticipated or planned departure or absence of the current chief executive.

- have a written policy that in the absence of the President, the Provost is #2 and automatically assumes the leadership of the institution.
- Have a plan for planned departure – general sense of how board would proceed to replace a president regarding natural retirement and plan for search for a new president.

3.6 Establishes investment policies and monitors endowment performance.

3.11 Monitors auxiliary organizations (e.g., alumni, foundations, institutes).

3.10 Ensures the administration involves the board on high profile issues that present significant risk to the institution.

- President should ask: What do we have in place to ensure that doesn't happen here.
- Board should have due diligence that asks: Is this an issue here, do we have a plan in place, do we know what our risk is here?
 - Enterprise Risk management discussion. Potential types of risks:
 - Strategic Risk – not going after the things you need to go after, missing opportunities
 - Operational Risk – not executing when you have a good strategy
 - Financial Risk
- Board makes sure president is responsive.



4.8 Monitors co-curricular activities, e.g., athletic , residential, Greek life.

- Have a good monitoring plan for co-curricular activities – *ensuring* the benchmarking is done and *ensuring* that someone is looking at these issues and board is not actually making the quality determinations.
- The Board is receiving, not creating, the benchmarks and is questioning: is this the standard in the industry, how do we stack up to our peers, what do we need to do to improve?

4.6 Ensures the institution offers a balanced, high-quality experience to students in both academics and campus life.

- Know what benchmarks the Provost is using to monitor quality and look at them on a regular basis.

Board Performance

5.2 Provide meaningful orientation program for new board members.

5.3 Periodically assesses individual board members and uses the results to strengthen performance.

5.6 Structures board meetings to include time for substantive discussions.

5.5 Uses the executive committee to coordinate the work of the board and shape meeting agendas.

- Consultant suggested- may want to discuss having an executive committee (typically consisting of chair/vice chair and chairs of the committees) which meets if there is an urgent issue that needs to be dealt with between board meetings.

Board Culture

6.3 Productively explores ideas by engaging in robust discussions.

6.11 Establishes and communicates clear expectations related to personal financial contributions by board members.

- Participation in giving is key. Some boards set minimums, others a range of contributions.

Overall Satisfaction

7.1 Time, energy, and expertise is put to good use.

- Relates back to being a thought partner, having robust and strategic discussions.

7.2 Board focuses its time on issues of greatest consequences.



Setting Priorities

8.1 Focus more of the board's attention on issues of strategic importance to institution.

8.2 Access whether the information and data the board receives are adequate and timely.

- Consultant elicited why members thought this was a top priority. Comments at meeting suggest there are certain areas that have a wealth of information and Board gets to a lot of questions while in other areas additional information has had to be asked for.

8.9 Improve its meeting practices.

8.5 Increase its knowledge of the institution's educational programs.