



FLORIDA POLYTECHNIC  
UNIVERSITY

**BOARD OF TRUSTEES**  
**ACADEMIC & STUDENT AFFAIRS COMMITTEE MEETING**

Wednesday, February 28, 2018  
10:30 AM-11:45 AM

Florida Polytechnic University  
Student Development Center  
4700 Research Way  
Lakeland, FL 33805

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Dr. Richard Hallion, Vice-Chair  
Henry McCance

Dr. Jim Dewey  
Jacob Livingston

Rear Admiral Philip Dur  
Bob Stork

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**AGENDA**

- |       |   |                                    |
|-------|---|------------------------------------|
| I.    | Call to Order   | Dr. Richard Hallion,<br>Vice-Chair |
| II.   | Roll Call   | Maggie Mariucci                    |
| III.  | Public Comment  | Dr. Richard Hallion,<br>Vice-Chair |
| IV.   | Approval of December 6, 2017 Minutes<br><b>*Action Required*</b>  | Dr. Richard Hallion,<br>Vice-Chair |
| V.    | 2016-18 Academic & Student Affairs Committee<br>Work Plan Review  | Dr. Richard Hallion,<br>Vice-Chair |
| VI.   | Provost's Report  | Dr. Terry Parker                   |
| VII.  | Rename Degree: Master of Science in Innovation &<br>Technology to Master of Science in Computer Science<br><b>*Action Required*</b> | Dr. Terry Parker                   |
| VIII. | Student Government Association (SGA) Report   | Jacob Livingston,<br>SGA President |
| IX.   | Student Development Update  | Tonya Chestnut                     |

- |      |  |  |
|------|--|--|
| X.   | <b>2018-2019 Academic Calendar</b><br><b>*Action Required*</b>           | Dahl Grayckowski<br>University Registrar                     |
| XI.  | <b>United Faculty of Florida, Florida Poly Chapter</b><br><b>Remarks</b> | Dr. Richard Matyi<br>President, UFF,<br>Florida Poly Chapter |
| XII. | <b>Closing Remarks and Adjournment</b>                                   | Dr. Richard Hallion,<br>Vice-Chair                           |

**DRAFT**

**FLORIDA POLYTECHNIC UNIVERSITY  
BOARD OF TRUSTEES  
ACADEMIC AND STUDENT AFFAIRS COMMITTEE  
MEETING MINUTES**

**Florida Polytechnic University Admissions Building  
4700 Research Way, Lakeland, FL 33805**

**December 6, 2017 @ 9:30 AM  
*or upon the conclusion of the previous meeting***

I. Call to Order

Committee Chair Sandra Featherman called the Academic and Student Affairs Committee meeting to order at 9:02 a.m.

II. Roll Call

Maggie Mariucci called the roll: Chair Sandra Featherman, Trustee Henry McCance, Trustee Bob Stork, Trustee Philip Dur, and Trustee Jacob Livingston were present (Quorum).

Other trustees present: Board Vice Chair Don Wilson, Trustee Louis Saco, Trustee Cliff Otto, Trustee Gary Wendt, and Trustee Mark Bostick.

Staff present: President Randy Avent, Dr. Terry Parker, Mr. Mark Mroczkowski, Mr. Kevin Aspegren, Ms. Gina DeIulio, and Ms. Maggie Mariucci were present.

III. Public Comment

There were no requests received for public comment.

IV. Approval of Minutes

**Trustee Henry McCance made a motion to approve the Academic and Student Affairs Committee meeting minutes of October 31, 2017. Trustee Jacob Livingston seconded the motion; a vote was taken, and the motion passed unanimously.**

V. 2016-2018 Academic and Student Affairs Committee Work Plan Review

The Work Plan was reviewed below with the Provost's Report.

VI. Provost's Report

Dr. Terry Parker reviewed committee Work Plan items. He reported that the Workday Student Information System (SIS) implementation is underway; the process will take 18 months to complete.

SUS provosts have been asked to present several block tuition options to the BOG, however, the provosts are still seeking clarity as to the goal. Is the goal a discount? Increased graduation rate? This issue will be addressed in the spring. Trustee Stork asked how block tuition would affect the budget. Provost Parker stated for the short term, the impact would be relatively small. The impact will be

greater in the long-term as aid packages become lower. He also believes it will be difficult to implement block tuition by fall 2018 due to the necessary policies that would have to be approved by the Board.

An initial survey of polytechnics has been completed regarding degree program additions. He will discuss this in more detail at the February meeting.

A name change for the M.S. in Innovation and Technology is being considered, as the name is not very descriptive.

The University will be hiring a Director of Teaching and Learning to help Florida Poly improve the classroom experience and facilitate long-term planning.

Admissions has received 1,050 applications and has admitted 390 students. Provost Parker reviewed admissions data as compared to previous years. Discussion occurred regarding marketing draw of free tuition in past years as well as discount rate, which will be down to 75% in 2018. The University's current yield rate is 56%, which is a good rate. Trustee McCance requested the discount rate be added to the bottom of the chart.

Provost Parker reviewed the 2018 financial aid packages, which are driven by student behavior. The University is moving from a flat rate strategy to a merit based strategy. This means higher quality students will receive more aid. The overall discount rate will remain the same.

VII. Revised Regulation: FPU-3.006 Student Code of Conduct

Ms. Gina DeJulio presented a proposed regulation amendment that substantially revises the Student Code of Conduct primarily to:

- ensure compliance with Board of Governors regulation 6.0105,
- revise and clarify definitions and processes,
- add additional types of misconduct/offenses, and
- update position titles for employees responsible for various sections

The proposed revised regulation was published on November 3, 2017 and no comments were received.

**Trustee Henry McCance made a motion to approve the Revised Regulation: FPU-3.006 Student Code of Conduct. Trustee Jacob Livingston seconded the motion; a vote was taken, and the motion passed unanimously.**

VIII. Closing Remarks and Adjournment

With no further business to discuss, the Academic and Student Affairs Committee meeting adjourned at 9:45 a.m.

**AGENDA ITEM: V**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: 2016-18 Academic & Student Affairs Committee Work Plan Review**

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**Proposed Committee Action**

Information only. No action required.

**Background Information**

Committee Chair, Richard Hallion, will discuss with the committee the 2016-2018 Work Plan.

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**Supporting Documentation:**

Work Plan

**Prepared by:** Dr. Terry Parker, Provost

**Florida Polytechnic University**  
**Academic and Student Affairs Committee**  
**Work Plan 2016-2018**

<b>March 15, 2017</b>	<b>June 7-8, 2017</b>	<b>September 13, 2017</b>	<b>December 6, 2017</b>
<ul style="list-style-type: none"> <li>• Faculty hiring program</li> <li>• Differentiating programs (entrepreneurship, health informatics, other initiatives)</li> </ul>	<ul style="list-style-type: none"> <li>• Existing degree improvements</li> <li>• Admissions: the admission profile of the future</li> </ul>	<ul style="list-style-type: none"> <li>• New degrees and changes to existing degrees</li> <li>• Student life: the experience beyond the classroom</li> </ul>	<ul style="list-style-type: none"> <li>• Student success and retention: measures and next steps</li> </ul>
<b>February 28, 2018</b>	<b>May 22-23, 2018</b>	<b><sup>1</sup>September 12, 2018</b>	<b><sup>1</sup>December 5, 2018</b>
<ul style="list-style-type: none"> <li>• Degree Programs</li> <li>• Differentiating programs (entrepreneurship, health informatics, other initiatives)</li> </ul>	<ul style="list-style-type: none"> <li>• Existing degree improvements</li> <li>• Admissions: the admission profile of the future</li> </ul>	<ul style="list-style-type: none"> <li>• New degrees and changes to existing degrees</li> <li>• Student life: the experience beyond the classroom</li> </ul>	<ul style="list-style-type: none"> <li>• Student success and retention: measures and next steps</li> </ul>

<sup>1</sup>Tentative until approved by the Board of Trustees

**AGENDA ITEM: VI**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: Provost's Report**

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**Proposed Committee Action**

Information only. No action required.

**Background Information**

Dr. Parker will provide the committee with a report on academic and student affairs.

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**Supporting Documentation:**  
Presentation

**Prepared by:** Dr. Terry Parker, Executive Vice President and Provost



**FLORIDA POLYTECHNIC**  
UNIVERSITY

## **Provost's Report**

**Terry Parker**  
**February 28, 2018**



## A status update on the Work Plan

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- **Work Plan Items**

- **Admissions and Financial Aid**

- **Status to be discussed: suggest standard reporting format**

- **Student services**

- **Presentation from Student Development**

- **Block Tuition**

- **Short Discussion**

- **Degree Program Additions and Faculty Hiring budget**

- **Discussion today**



## A status update on the Work Plan

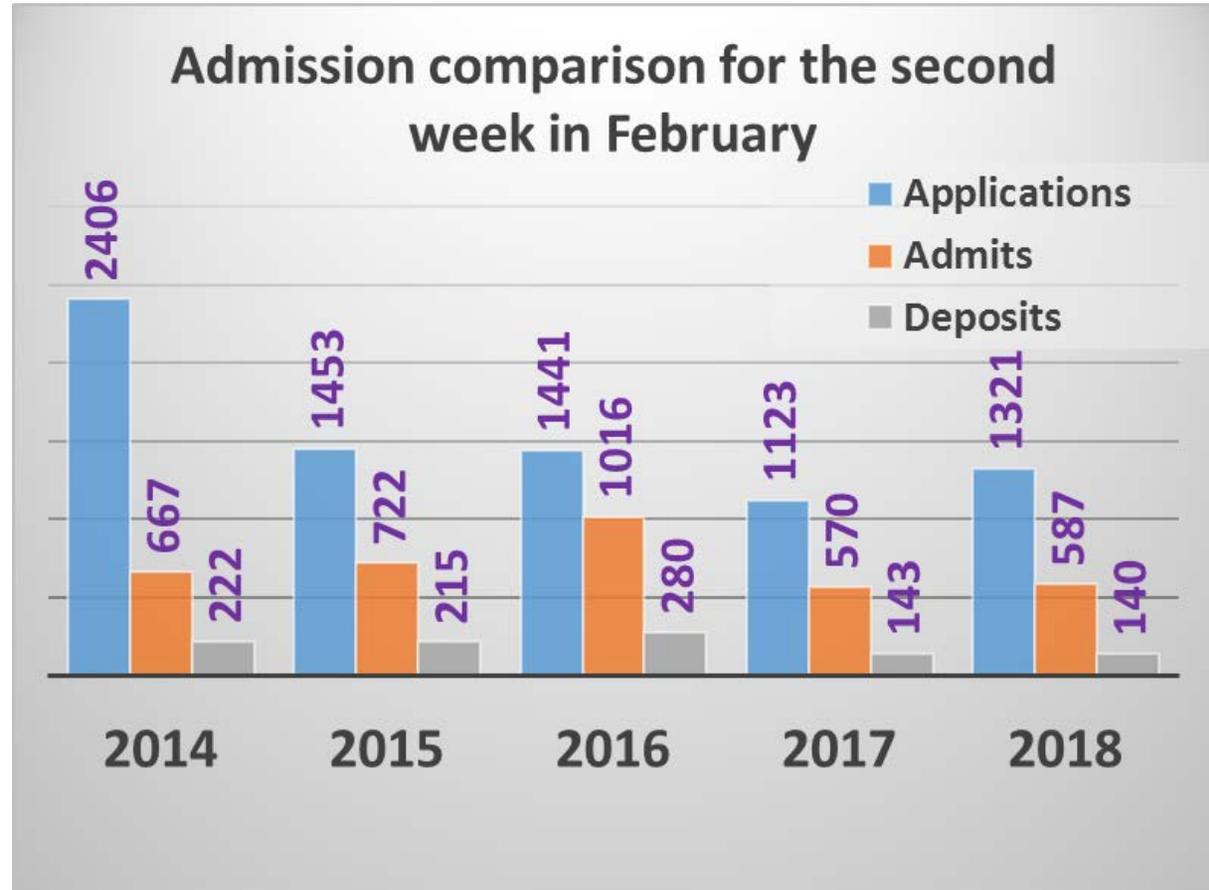
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- **Work Plan Items (part II)**
  - **Student and Faculty Diversity**
    - Continued focus in recruitment strategy
  - **Graduate programs**
    - Request to rename a degree
  - **Technology and Pedagogy**
    - Forming short list of candidates for Director for Teaching and Learning
- **Other items for today**
  - Update on Industry Partners
  - Update on Entrepreneurship Program
- **Quick notes**
  - ABET initial review successful
  - Calculus DFW rate
  - Continued focus on common exams
  - Note enrollment report attached at end of presentation



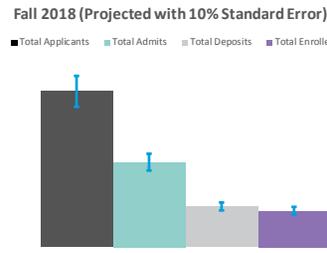
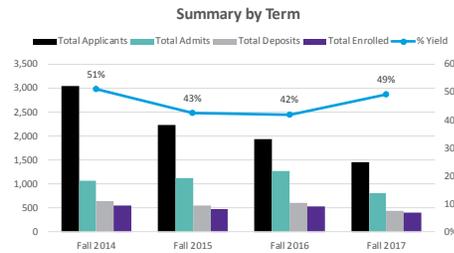
# Admissions Summary

- Applicant “quality” still high
- Indications of next years class size remain ~400
  - Many variables at play
- Admissions “Scorecard” included in next slide for reference

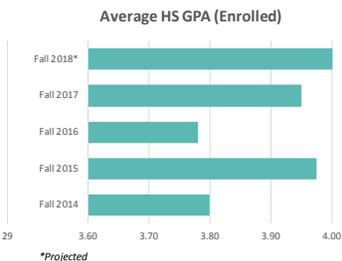
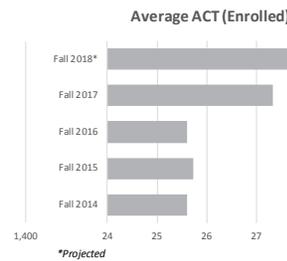
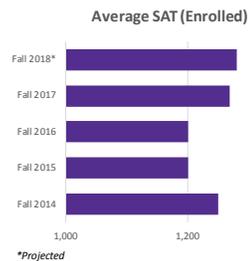
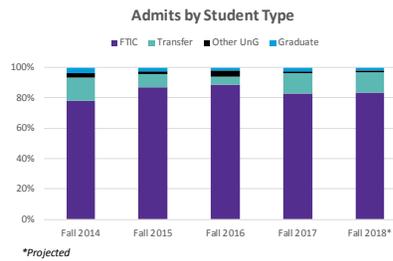




# Admissions Scorecard: historical and forecast data



**Key Definitions:**  
 • **Total Applicants:** all applications received for which an application fee has been paid.  
 • **% Yield:** The percentage of admitted students who enroll (matriculate).



*Notes: Test scores and HS Grade Point Average (GPA) shown for FTIC only.*

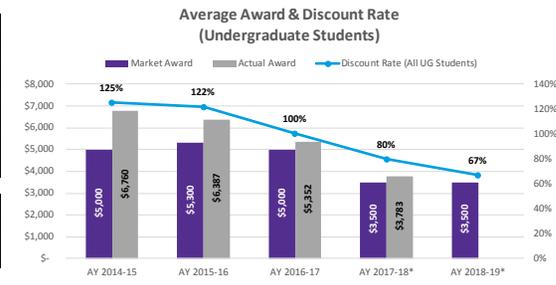
**Key Definitions:**  
 • **FTIC:** An entering freshman or a first year student entering with less than 12 hours of post-high school college credit.  
 • **Transfer:** Undergraduate student who previously attended and earned credit at a postsecondary degree program, and subsequently enrolled in an undergraduate program at the University.  
 • **Other Undergraduates (UnG):** Other undergraduate students enrolled at the University. Includes second bachelors, high school dual-enrolled, and unclassified undergraduates.

	Fall 2014	Fall 2015	Fall 2016	Fall 2017	Fall 2018*
Total Applicants	3,054	2,239	1,935	1,465	1,540
Total Admits	1,069	1,118	1,267	812	840
Total Deposits	640	558	613	444	404
Total Enrolled	547	476	534	401	360
% Yield	51%	43%	42%	49%	43%
Average SAT	1,250	1,200	1,200	1,269	1,280
Average ACT	26	25	25	27	28
Average HS GPA	3.80	3.98	3.78	3.95	4.00

	AY 2014-15	AY 2015-16	AY 2016-17	AY 2017-18*	AY 2018-19*
Market Award	\$ 5,000	\$ 5,300	\$ 5,000	\$ 3,500	\$ 3,500
Actual Award	\$ 6,760	\$ 6,387	\$ 5,352	\$ 3,783	
Discount Rate (All UG Students)	125%	122%	100%	80%	67%

*\*Projected does not include summer*



*\*Projected (2017-18 does not include summer)*

**Key Definitions:**  
 • **Market Award:** Average foundation-sponsored scholarship and university waiver amount marketed to the student at the time of admission. Award could range up to \$16,000.  
 • **Actual Award:** Average foundation-sponsored scholarships and university waivers awarded to a student during the academic year (fall, spring, summer).  
 • **Discount Rate (All Undergraduate Students):** Ratio of total foundation-sponsored scholarships and university waivers awarded divided by tuition and fees calculated for all students enrolled during the academic year (fall, spring, and summer).



## Block Tuition: a quick update

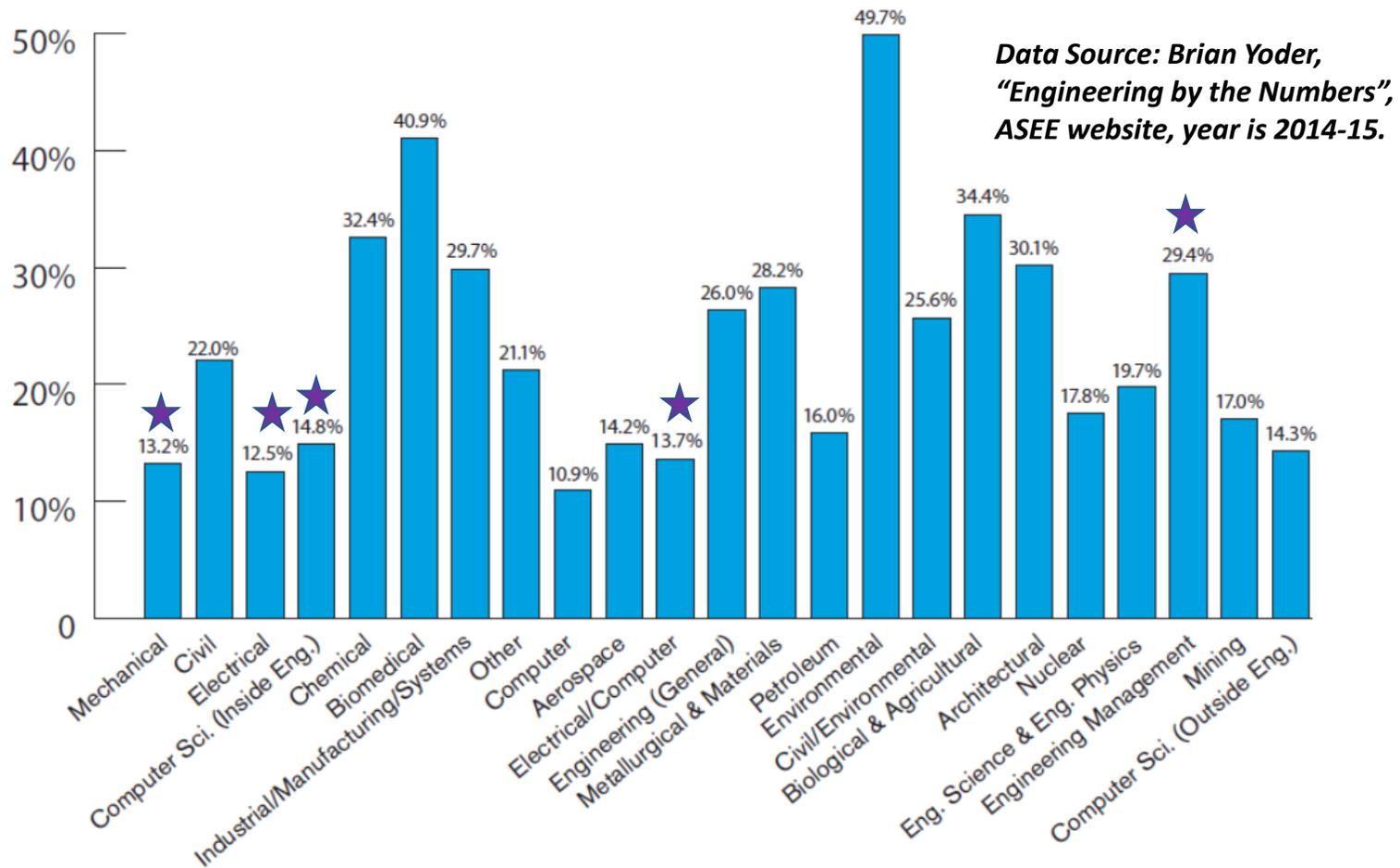
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- Detailed language that sets requirements has not emerged yet
- At least some intent in the legislature are focused on “small” aid levels that enable four year graduation rates
- We have a draft plan that could be implemented if extra aid dollars were provided
- We need to see the legislation in order to move forward



# Degree offerings strongly influence the student body demographic

**PERCENTAGE OF BACHELOR'S DEGREES AWARDED TO WOMEN BY DISCIPLINE: 19.9% OF TOTAL**



- Florida Poly currently hosts 13% female students
- Prediction based on majors is 14.8%



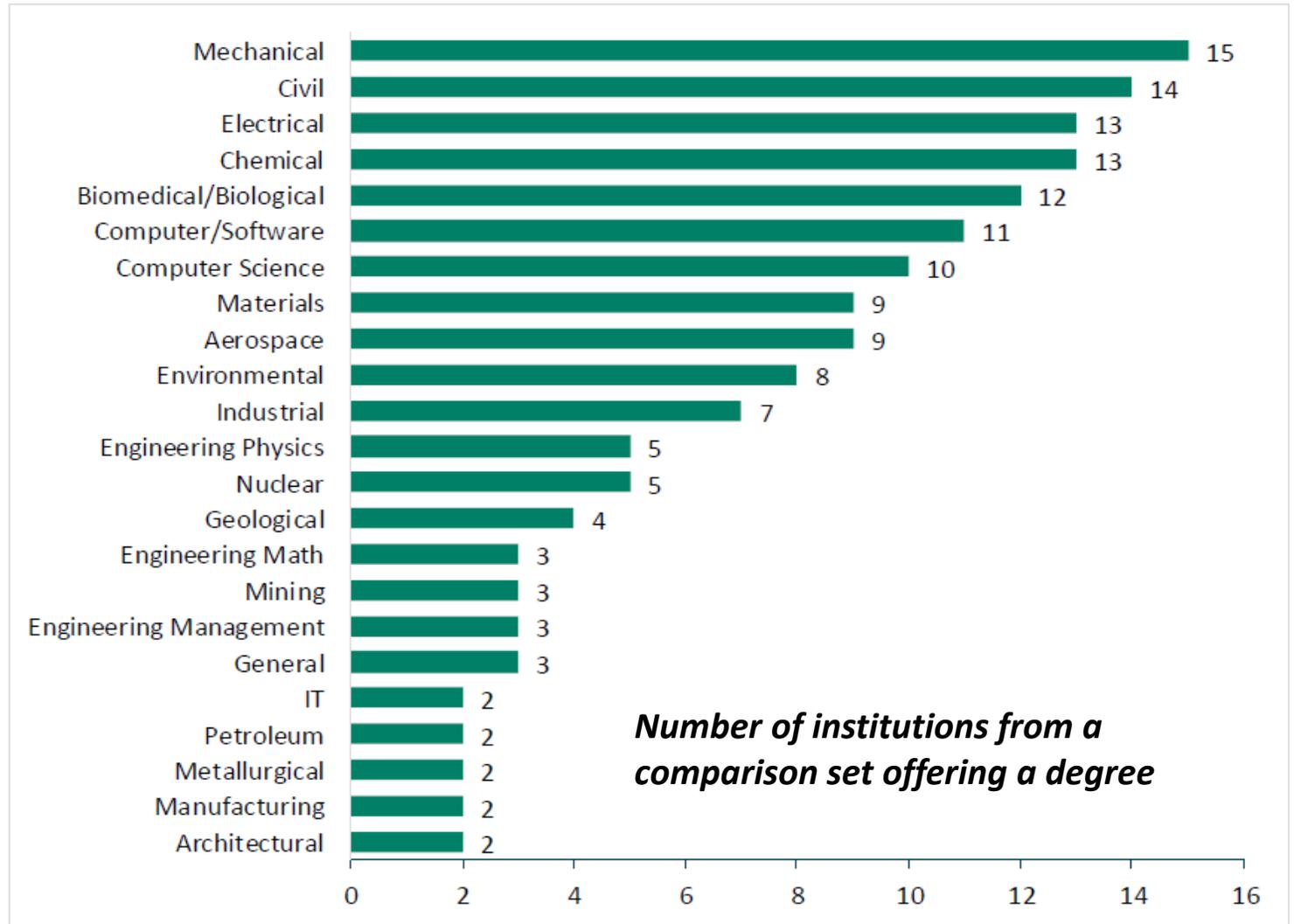
## Degree Program Additions

- **The philosophy of “program growth”**
  - **Established Institutions: Designer degrees, degree experimentation, degrees that service a minor number of students**
  - **Florida Poly: Degrees that are the foundation for the coming decades**
- **Goals for program growth**
  - **Degree “breadth” aligned with our Polytechnic status that:**
    - *Attracts High Quality STEM students*
    - *Produces high demand degrees for Florida employers*
    - *Helps diversify student body*
- **Process for Program growth**
  - **Identification of STEM degrees**
  - **Understanding Marketplace forces (student demand, employer demand)**
  - **Identifying resource needs**
  - **Mapping resource acquisition, understanding barriers**
    - *Using “concentrations” to broaden degrees and create a strategic foothold*
  - **Formal degree approval process (BOT/CAVP)**



# Polytechnic Universities and Engineering Colleges offer a common set of degrees

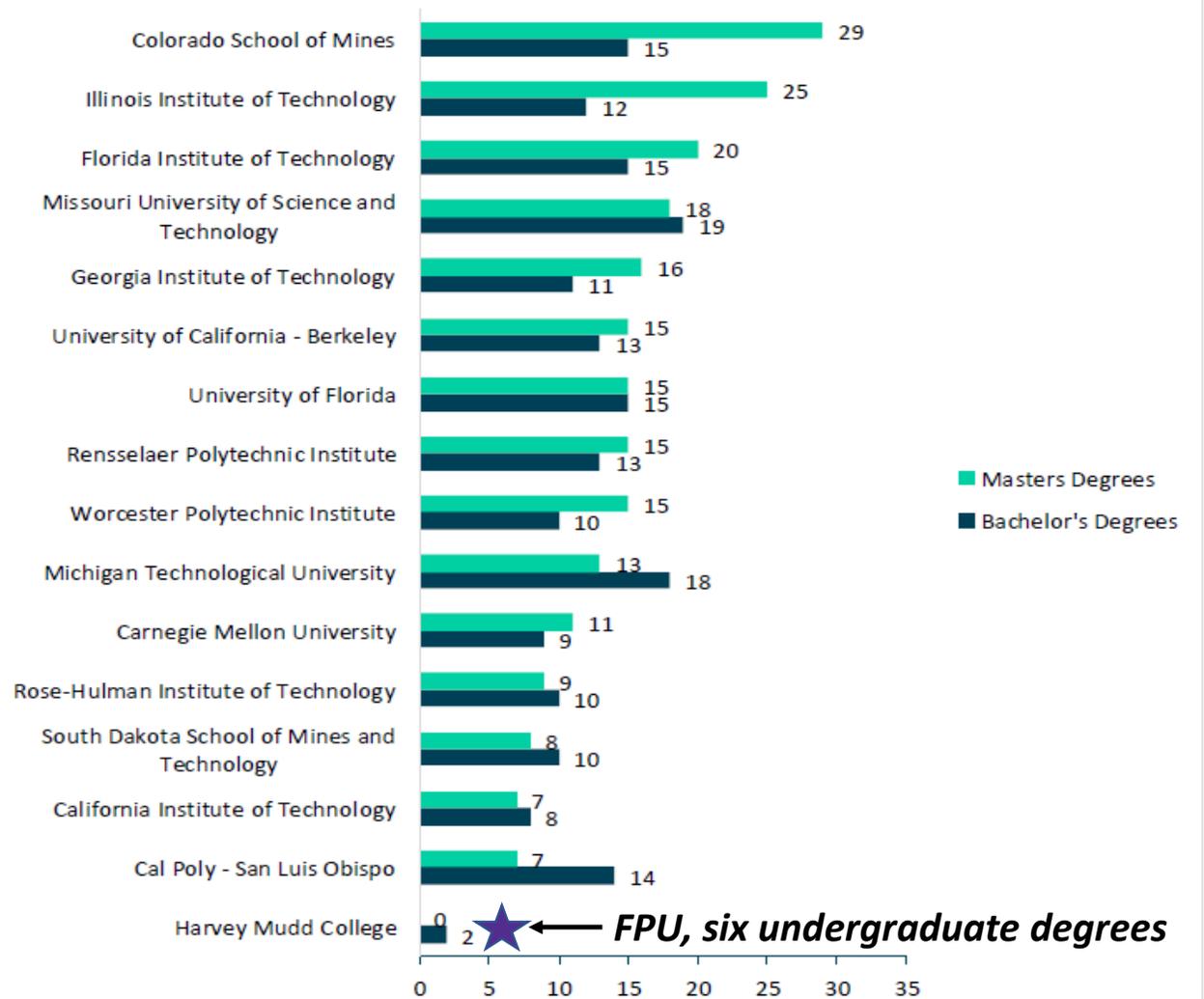
- Degrees offered by 15 comparison schools are provided in the attached chart





# Florida Poly offers fewer degrees than other polytechnics or Engineering Colleges

- Comparison set of universities chosen to represent polytechnic schools and regional competitors





## Supporting new program additions requires Academic Affairs to have a strong organizational structure

- **At the start of the spring 2018 semester, AA reorganized**
- **Actions taken:**
  - **Elimination of the colleges**
  - **Collapse of four departments into two**
    - *Electrical Engineering and Computer Engineering into Electrical and Computer Engineering*
    - *Data Analytics and Science and Technology Management into Department of Data Science and Business Analytics*
  - **Formal removal of the name “General Education” and recognition of the name Science, Arts, and Mathematics (SAM) Division**
    - *The division includes three departments: Natural Sciences; Arts, Humanities, and Social Sciences; Applied Mathematics*
    - *Formal appointment of Directors (Graduate Program, SAM) and Department Chairs*
  - **Chairs have significant curriculum responsibility and formal program quality and delivery authority**
  - **Committees are reworking their structure to draw membership from departments**
  - **Faculty Assembly is considering moving to a “senate” model**
  - **Graduate Division is “cross-cutting” and draws from all units**



## Degree “expansion” with Concentrations

- **Current degrees are typically a degree with a concentration**
  - The concentration is 12 units of junior and senior courses
  - This construct allows degrees to align with a certain subfield or industry
  - **Examples: Computer Science with concentration in Cyber Security, Mechanical Engineering with concentration in Operations Research**
  - Adding concentrations are “low-barrier” pathways to broadening our offerings
- **Adding/Modifying Concentrations (actions taken)**
  - **Electrical Engineering**
    - *Changing Digital Hybrid Systems to Renewable Energy*
  - **Computer Science**
    - *Adding Software Engineering*
  - **Data Analytics (rename to Data Science, pending)**
    - *Modifying concentrations to meet broader marketability*
  - **Science and Technology Management (rename to Business Analytics, pending)**
    - *Keep Logistics and Supply Chain Management concentration*
    - *Adding Intelligent Mobility*
    - *Adding Econometrics*



## Degree programs that we may add

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- **Market study considers student interest and employer interest**
- **Decisions are not final and timeline still needs to be set**
- **Concentrations (which may grow into degrees)**
  - **Mechanical Engineering, Aerospace**
  - **Mechanical Engineering, Biomedical Engineering**
  - **Mechanical Engineering, Materials**
  - **Business Analytics, Quantitative Economics**
- **Degrees that can grow from existing departments**
  - **Engineering Mathematics**
  - **Engineering Physics**
  - **Industrial Engineering and Operations Research**
- **Degrees that require a new department**
  - **Environmental Engineering (can lead to Civil Engineering)**
  - **Chemical Engineering**



## Hiring, space, and timing coordination are the most significant challenges

<b>Degree (De) or Concentration (Co)</b>	<b>Possible New Faculty</b>	<b>Labs Required</b>	<b>Possible Timing</b>
<b>Aerospace (Co)</b>	<b>3</b>	<b>minor</b>	<b>-</b>
<b>Biomedical (Co)</b>	<b>3</b>	<b>minor</b>	<b>-</b>
<b>Materials (Co)</b>	<b>0</b>	<b>in place</b>	<b>-</b>
<b>Quantitative Economics (Co)</b>	<b>2</b>	<b>none</b>	<b>fall 2018</b>
<b>Engineering Mathematics (De)</b>	<b>4</b>	<b>minor</b>	<b>in catalog fall 2018</b>
<b>Engineering Physics (De)</b>	<b>5</b>	<b>medium</b>	<b>in catalog fall 2018</b>
<b>Environmental Engineering (De)</b>	<b>6</b>	<b>medium</b>	<b>workshop summer 2018</b>
<b>Chemical Engineering (De)</b>	<b>7</b>	<b>significant</b>	<b>workshop summer 2018</b>
<b>Industrial Engineering and Operations Research (De)</b>	<b>5</b>	<b>none</b>	<b>growth if concentration is successful</b>



## Graduate Programs: name change for one of the MS degrees

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- **Existing Degrees**
  - **MS Engineering**
    - *Electronic, Communication, and Control Systems*
    - *Robotics*
  - **MS Innovation and Technology**
    - *Logistics Analytics*
    - *Big Data Analytics*
- **Proposal: change MS Innovation and Technology to MS Computer Science**
- **Rationale: provide degree names that is marketable to students and employers**
- **Degrees will be:**
  - **MS Engineering**
    - *Electronic, Communication, and Control Systems*
    - *Robotics*
  - **MS Computer Science**
    - *Logistics Analytics*
    - *Big Data Analytics*



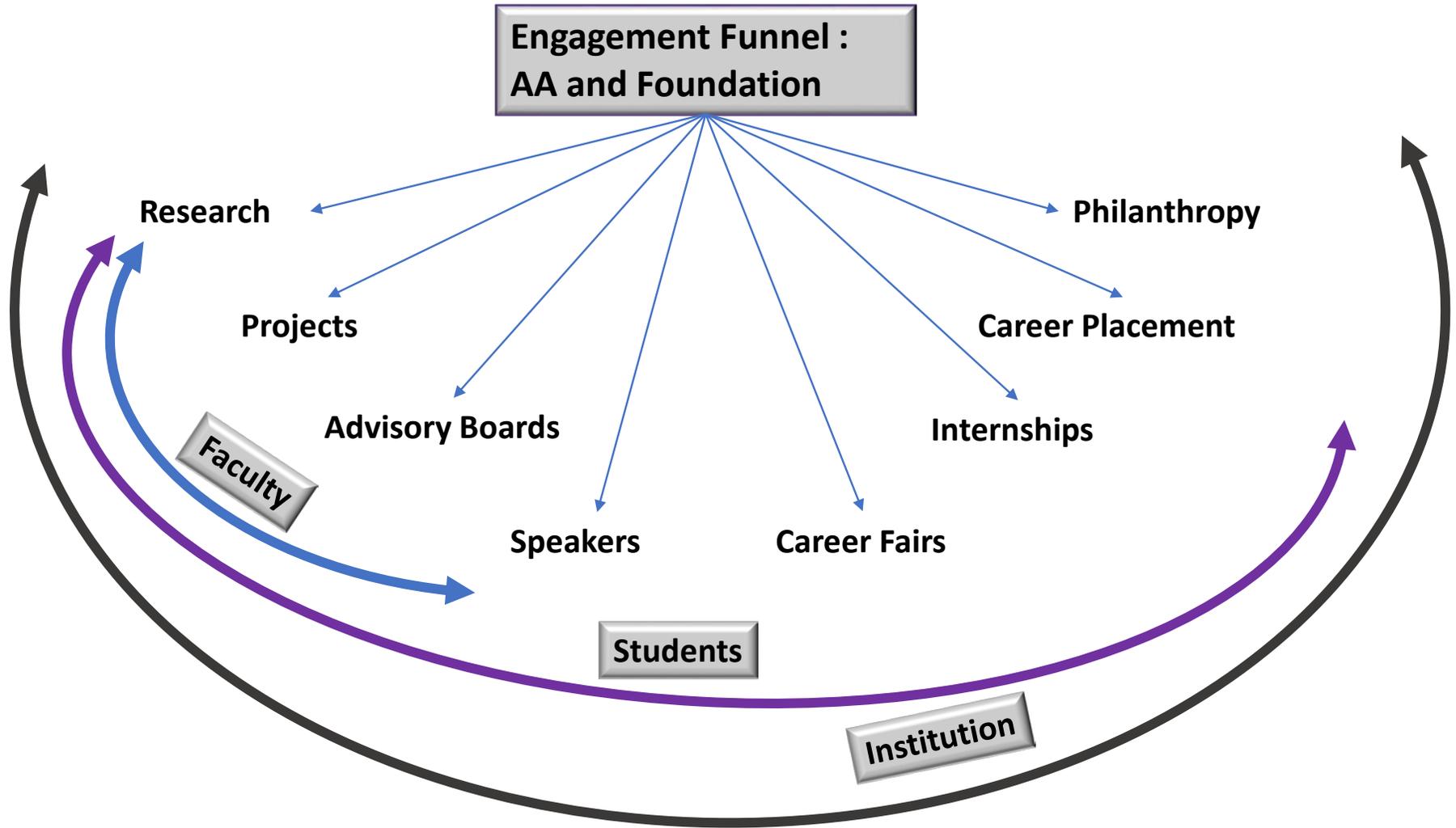
## Industry partners: what is the status

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- **Good news: range of external contact is across MANY university functions**
  - Fundraising, internships and careers, projects, research, guest speakers
  - The nature and management of these contacts, and what we need from them, is different
- **Challenges**
  - Coordination across the contacts remains challenging to get “right”
- **Opportunity**
  - Resignation of AVP Industry partnerships and entrepreneurship forces us to rethink this function
  - Reexamine management model of external relationships
  - From the beginning of a “conversation,” appropriate expertise must be present to steer us to a useful result
  - Carefully align names with types of partnerships
    - *Do not repeat “industry partners” which was poorly defined and was all things to all people*



# Our external engagement activity serves many needs for students, faculty, and the institution





## External relationships need to be aligned with the correct part of the organization

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- **External entities have many and varied expectations of the university**
  - These expectations typically overlap with different university functions
  - This requires a managing entity: formal relationship board co-managed by Academic Affairs and the Foundation
- **Relationship types**
  - Foundation Partners, Career Partners, Government Partners, Community Partners, Academic Partners, Family Partners
  - Each type is aligned with a primary area of responsibility
  - Multiple relationship “types” managed by the relationship board



# External Engagement Scorecard



**Research:**

- *13 research proposals officially submitted 2016, and 30 submitted in 2017. Over 100% growth year over year*



**Projects:**

- *Senior Capstone Projects. 15 projects. 12 company sponsors. 3 internal sponsors*



**Career Development**

- *Academic Support Services actively works with over 165 companies/organizations in various career-focused capacities*



**Advisory Boards**

- *Department Chairpersons are developing Advisory Boards*



**Speakers**

- *Humanities in STEM speaker series—annual series with invited speaker*
- *Physics Club Speaker Series*
- *Research Series*
- *Health Informatics Speaker Series*

*Academic Affairs will utilize company connections to improve the academic experience.*



## Career Development Scorecard: Actively working with over 165 organizations



### Career and Internship Fair

- *Annual Career and Internship Fair (100% growth year-over-year 2016-2018). 2018—52 companies registered*



### Career Workshop Series

- *Connects students with resources*
- *Fall and Spring workshops serving 70 students annually*
- *Tech-IT-Out on-campus conference. Held 2016, 2017 and 2018.*



### Career Day

- *20 industry speakers*
- *2017--450 students attending*
- *Integrated into First Year Experience course*



### Company Day/ Grad School Day

- *Personalized hiring experience for key companies*
- *10 company days 2016-2018. 100% year-over-year growth*



### Field Trips, etc.

- *5 company visits. 125 student participants*
- *1 professional conference. 70 students*
- *Design Technology Orlando Hack-A-Thon. 40 students*



### Internships

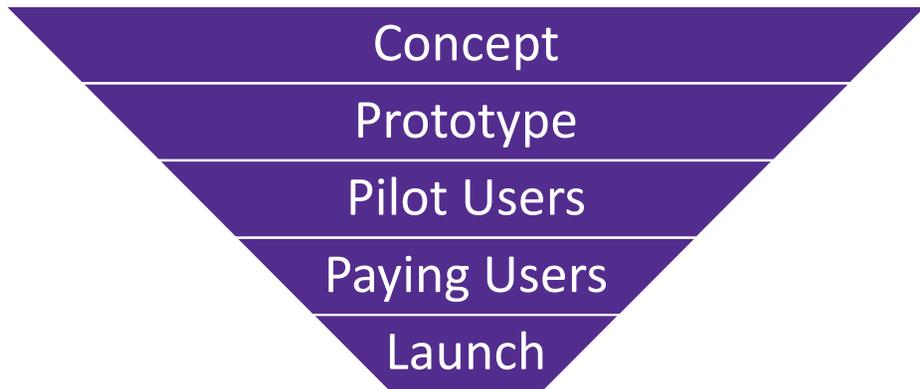
- *98% company sponsor growth 2016-2017*
- *2016: 53 companies 2017: 113 companies*



# Impact of Entrepreneurship Investment

## Phoenix Nest

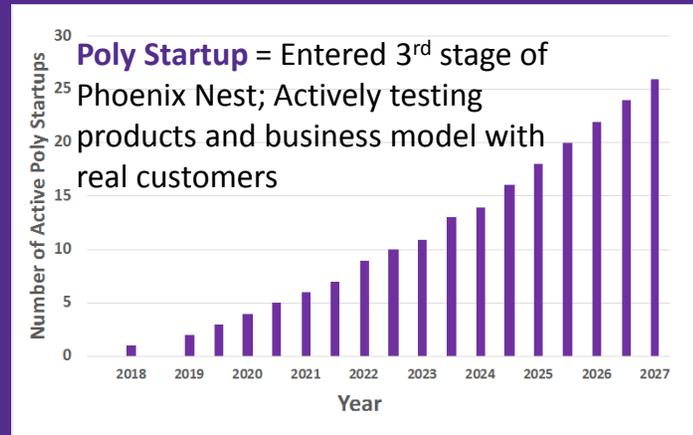
Poly-developed, one-of-a-kind online platform that captures ideas, provides training and tracks progress through the entrepreneurial funnel.



In 2017, Entrepreneurship staff...

- Developed Phase 1 of Phoenix Nest
- Assisted 93 student projects (Capstone, Junior, etc.)
- Gave guest lectures to 710 Students
- Mentored student teams placed in 4 out of 4 State and Local competitions, winning over \$16,000

## Projected Startup Activity



**Poly Startup** = Entered 3<sup>rd</sup> stage of Phoenix Nest; Actively testing products and business model with real customers

**Today:** 6 active companies in the Phoenix Nest pipeline, none are Poly Startups yet

**2027:** 26 active Poly Startups engaging about 2.5% of the Poly student population

Between 2010 and 2015, MIT reported that approx. 11% of their graduates founded or co-founded a company within 5 years of graduation.

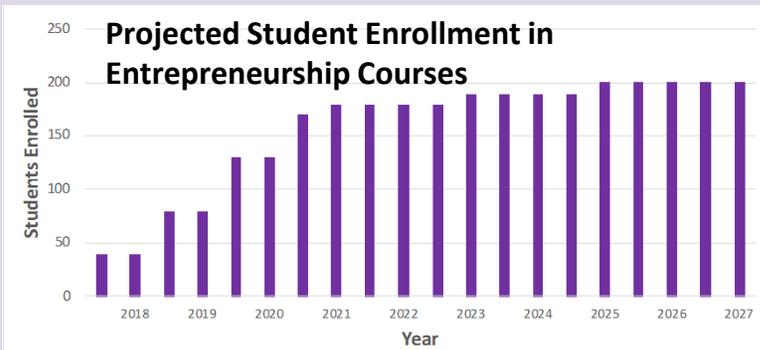
Based on Stanford Office of Technology Licensing data, between approx. 3% and 5% of Stanford students and recent grads participate in a startup (and this rate correlates with U.S. GDP)



# Growing Entrepreneurship at Poly

## Positive Impacts on the Curriculum

- Launched first undergrad course in Spring '18: ENT2112 Entr. Opportunity Analysis, 45 students
- Develop a 12 cr certificate program such as
  - *Engineering and Technology Project Management*
  - *Disciplined Entrepreneurship 1*
  - *Disciplined Entrepreneurship 2*
  - *Entrepreneurial business essentials*
- Expand on High Performing Teams training in Intro to STEM
- Develop tighter coupling with Capstone Design programs



## Operations

- Bill Rhey, AVP for Industrial Partnerships and Entrepreneurship has accepted a new position at another institution
- Tim Shedd, Assoc. Prof. of ME, startup founder and former CEO, appointed to Director of Graduate Programs
- Justin Heacock, Coordinator of Entrepreneurship Programs will report to Tim Shedd upon Bill's resignation

## Budget

- Current annual burn rate is **\$320K** in personnel and **\$50K** in expenses
- Forecast next year (2018-19) to be flat with **\$250K** in personnel and **\$120K** in expenses
- Forecast approx. \$1M in capital expenditures over the next four years, consistent with campus infrastructure needs



# Entrepreneurship Scorecard: A focus on results



## Co-Curricular Activity

- *enactus club ~ 25 members, hosted speaker series*
- *Entrepreneurship lectures*
- *The Great Eight pitch competition*
- *Flash Ideation Sessions*



## Support of Startup Activities

- *Phoenix Nest*
- *6 student-led teams in prototype stage*
- *Direct support of student projects*
- *Classroom presentations of fundamentals, such as presentation skills*
- *Mentorship for successful business competition entries*



## Support of Florida Startups with Florida Poly Talent

- *No verified statistics at this time*
- *Development of online training modules that could assist local startups*
- *Assemble online registry of faculty expertise*
- *Develop procedures and portal for engagement with Florida Poly*



## Keep STEM Graduates in Florida

- *First organic graduating class in 2018*
- *Assessment will follow*
- *Provide opportunities for engagement with Florida startup and investor communities*



## Curricular Effort

- *ENT2211 Entrepreneurial Opportunity Analysis*
- *High Performance Teams*
- *Developing certificate program*
- *Increased coupling to Capstone Design*



## The key messages for today

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- **Admissions and Financial Aid**
  - Incoming test scores and GPA improving
  - Class size approximately the same as 2017
- **Block Tuition**
  - Waiting on legislation
  - Plan developing for new, small increment scholarship aid
- **Degree Program Additions**
  - Degrees to consider identified
- **Student and Faculty Diversity**
  - Degree additions should consider the impact on diversity
- **Graduate Programs**
  - Request for name change
- **Technology and Pedagogy**
  - Hope to hire Director of Teaching and Learning



## The key messages for today

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- **Industry Partners**
  - **Changing the management of the partnerships to a board with identified responsibilities**
- **Entrepreneurship**
  - **We are working toward a set of goals**



## **Supporting data slides**

February 28, 2018



# Spring 2018 ENROLLMENT Drop/Add Benchmark\*

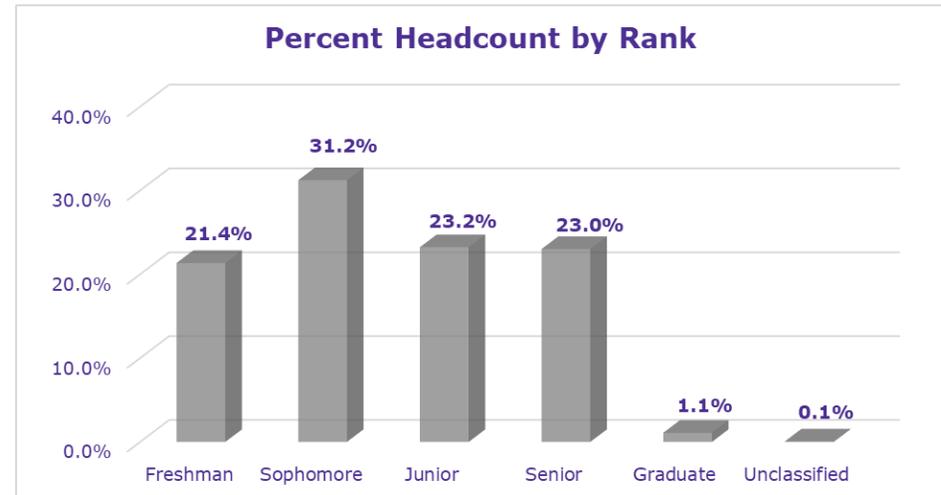
<b>Total Registered Headcount</b>	<b>1,377</b>
<b>Total Enrollment (Duplicated)</b>	<b>6,547</b>
<b>Persistence (Fall 2017 to Spring 2018)</b>	<b>94.2%</b>

<b>Residency Status</b>	
<b>In-State</b>	<b>96.5%</b>
<b>Out-of-State</b>	<b>3.5%</b>

<b>Continuing &amp; New Students Count</b>			
	<b>Continuing Students</b>	<b>New Students</b>	<b>Total</b>
<b>Undergraduate</b>	<b>1325</b>	<b>36</b>	<b>1,442</b>
<b>Graduate</b>	<b>15</b>	<b>0</b>	<b>17</b>
<b>Non-Degree Seeking</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Total Student</b>	<b>1341</b>	<b>36</b>	<b>1,377</b>

<b>New Student Enrollment</b>	
<b>First Time in College</b>	<b>7</b>
<b>Transfer</b>	<b>27</b>
<b>Graduate</b>	<b>0</b>
<b>Readmits</b>	<b>0</b>
<b>Other (Dual Enrollment, Second Bachelors, etc.)</b>	<b>2</b>
<b>Total New Students (Spring 2018)</b>	<b>36</b>

<b>Headcount by Student Rank</b>	
	<b>Total Students</b>
<b>Freshman</b>	<b>294</b>
<b>Sophomore</b>	<b>430</b>
<b>Junior</b>	<b>320</b>
<b>Senior</b>	<b>317</b>
<b>Graduate</b>	<b>15</b>
<b>Unclassified</b>	<b>1</b>



\*As of January 12, 2018  
Office of Institutional Research



# Spring 2018 ENROLLMENT Drop/Add Benchmark\*

Total Credit Hours	
<b>Undergraduate</b>	<b>17,960</b>
Full-Time	16,548
Part - Time	1,412
<b>Graduate</b>	<b>114</b>
Full - Time	90
Part - Time	24
<b>Non-Degree Seeking</b>	<b>4</b>
Part - Time	4
<b>Total Credit Hours</b>	<b>18,078</b>

Average Credit Load	
<b>Undergraduate</b>	<b>13.2</b>
Full - Time	14.0
Part - Time	8.0
<b>Graduate</b>	<b>7.6</b>
Full - Time	10.0
Part - Time	4.0
<b>Non-Degree Seeking</b>	<b>4.0</b>
Part - Time	4.0
<b>Average Credit Load</b>	<b>13.1</b>

<b>Average Class Size</b>	<b>26</b>
<b>Student to Faculty Ratio</b>	<b>18:1</b>

Headcount by Credit Load Status		
<b>Undergraduate</b>	<b>1,361</b>	<b>98.8%</b>
Full-Time	1,185	86.1%
Part - Time	176	12.8%
<b>Graduate</b>	<b>15</b>	<b>1.1%</b>
Full - Time	9	0.7%
Part - Time	6	0.4%
<b>Non-Degree Seeking</b>	<b>1</b>	<b>0.1%</b>
Part - Time	1	0.1%
<b>Total Headcount</b>	<b>1,377</b>	

Headcount by College and Major		
	Total	Percent of Total Headcount
<b>College of Engineering</b>	<b>664</b>	<b>48.2%</b>
Computer Engineering	230	16.7%
Electrical Engineering	105	7.6%
Mechanical Engineering	322	23.4%
Engineering M.S.	7	0.5%
<b>College of Innovation &amp; Technology</b>	<b>696</b>	<b>50.5%</b>
Data Analytics	53	3.8%
Computer Science	576	41.8%
Science & Technology Management	59	4.3%
Innovation & Technology M.S.	8	0.6%
<b>Undecided</b>	<b>16</b>	<b>1.2%</b>
<b>Non-Degree Seeking</b>	<b>1</b>	<b>0.1%</b>

\*As of January 12, 2018  
Office of Institutional Research



# Spring 2018 ENROLLMENT Drop/Add Benchmark\*

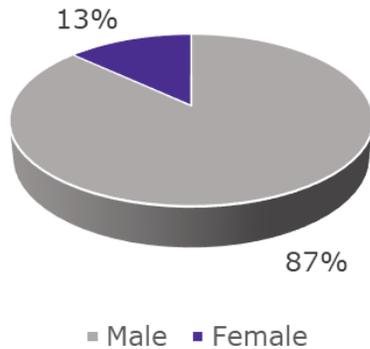
Race/Ethnicity*		
	Total Students	Percent of Total Headcount
American Indian or Alaskan Native	6	0.4%
Asian	68	4.9%
Black or African American	83	6.0%
Hispanic or Latino	262	19.0%
Native Hawaiian or Other Pacific Islander	4	0.3%
Non-Resident Alien	2	0.1%
Two or More Races	41	3.0%
White	890	64.6%
Race and Ethnicity Unknown	21	1.5%

\*IPEDS Classifications

International Students	32	2%	
Countries	Argentina	Haiti	Puerto Rico
	Bahamas	India	Saudi Arabia
	Brazil	Iran	South Africa
	Canada	Mexico	Venezuela
	Ecuador	Pakistan	

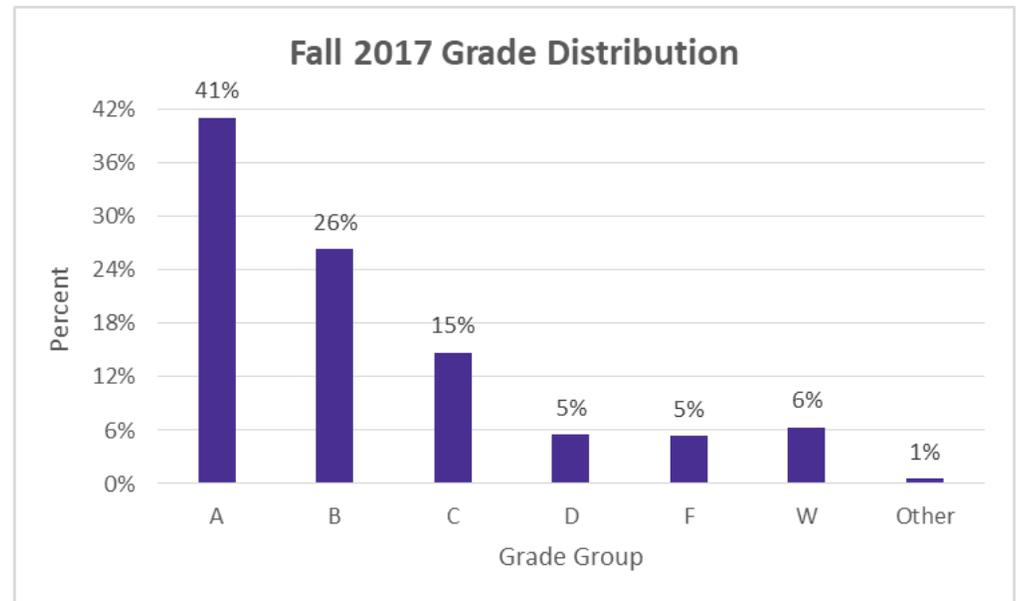
Florida Poly Average Cumulative GPA	
Undergraduate	2.99
Graduate	3.62

## GENDER



Student Median Age	20
Student Age Range	17 to 56

Percentage of Student Living On-Campus	44%
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\*As of January 12, 2018  
Office of Institutional Research

**AGENDA ITEM: VII**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: Rename Degree: Master of Science in Innovation & Technology to Master of Science, Computer Science**

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**Proposed Committee Action**

Recommend approval of the degree name change from Master of Science, Innovation and Technology to Master of Science, Computer Science to the Board of Trustees.

**Background Information**

Dr. Terry Parker will present information on the degree name change and is now coming to the Committee for approval.

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**Supporting Documentation:** N/A

**Prepared by:** Dr. Terry Parker, Executive Vice President and Provost

**AGENDA ITEM: VIII**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: SGA Report**

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**Proposed Committee Action**

Information only. No action required.

**Background Information**

SGA President Jacob Livingston will provide the committee with a report on student government affairs.

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**Supporting Documentation:**

PowerPoint Presentation

**Prepared by:** Mr. Jacob Livingston, Student, SGA President



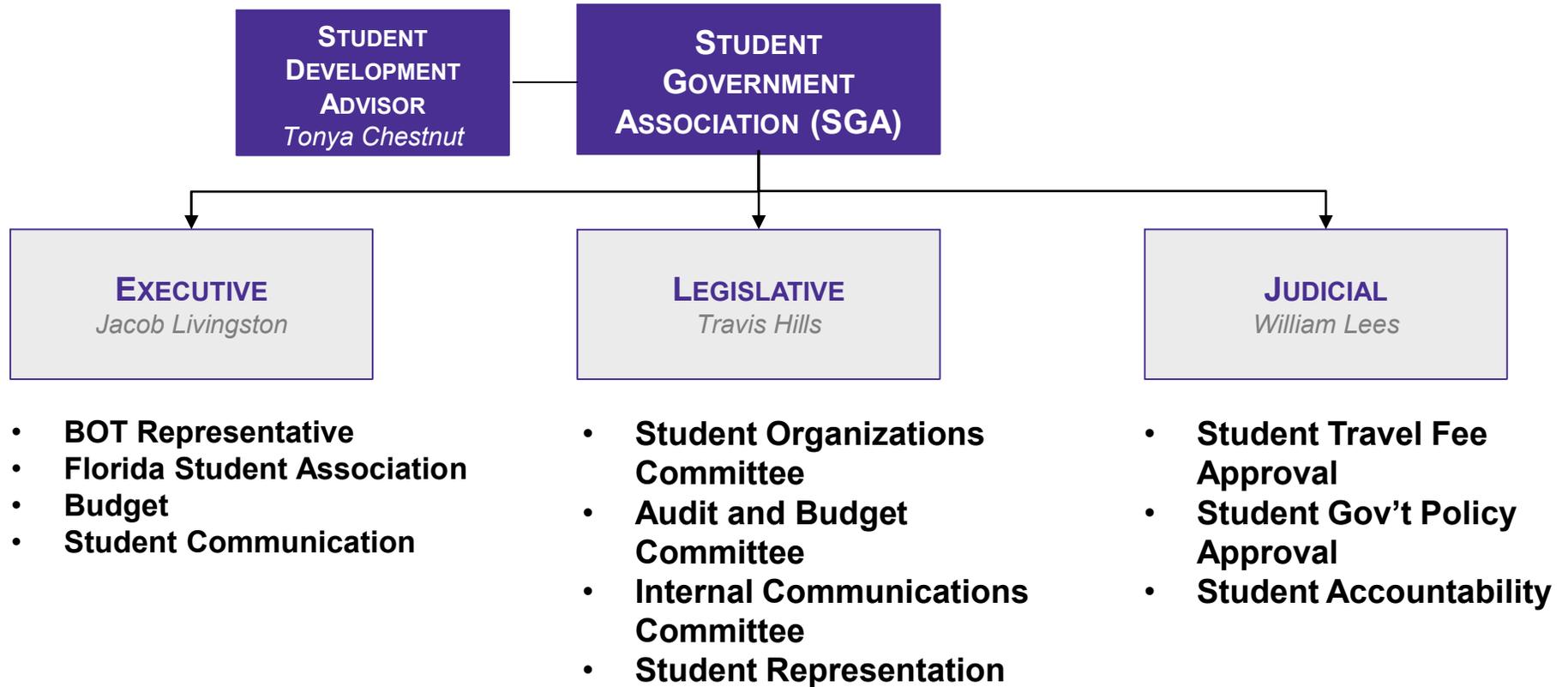
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UNIVERSITY

# **Student Government Association (SGA) Report**

**Jacob Livingston**  
**28 February 2018**



# Student Government Association



**Student Government is comprised of student leaders, that are elected by their student peers, and the revenue is from students in the form of Activity and Service (A&S) fees**



# Outline

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- Introduction
- **Budget**
  - Budget spent to date
  - Notable Expenses
  - Upcoming Expenses
- **Events**
- **Summary**



# SGA Budget (2017-18)

	Preliminary Budget	Operating Budget	Actuals (As of February 1st 2018)	Variance Budget – Actuals / Budget
<b>Student Activities &amp; Services</b>	<b>\$311,180</b>	<b>\$238,180</b>	<b>\$73,554</b>	<b>- 54%</b>
<b>Campus Activities Board</b>	<b>\$85,680</b>	<b>\$85,680</b>	<b>\$26,728</b>	<b>- 46.5 %</b>
<b>SGA Initiatives</b>	<b>\$68,000</b>	<b>\$30,000</b>	<b>\$4,215</b>	<b>- 75%</b>
<b>Academic Success Initiatives</b>	<b>\$17,500</b>	<b>\$12,500</b>	<b>\$</b>	<b>%</b>
<b>Student Development Initiatives</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$11,286</b>	<b>- 35%</b>
<b>Student Travel Stipend</b>	<b>\$60,000</b>	<b>\$60,000</b>	<b>\$11,325</b>	<b>- 67.6%</b>
<b>Phoenix Shuttle</b>	<b>\$40,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>41%</b>
<b>Infrastructure Initiatives</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>0%</b>
<b>SGA Operation</b>	<b>\$85,750</b>	<b>\$45,750</b>	<b>\$17,500</b>	<b>- 34.4%</b>
<b>Recognized Student Organizations</b>	<b>\$220,000</b>	<b>\$185,000</b>	<b>\$27,382</b>	<b>- 74.6%</b>



# Notable expenses

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- **Student Travel**
  - Helped over 60 students travel to academic conferences
- **SGA Website**
  - Created by Travis Hills
- **Academic Success**
  - Design Technology Orlando Competition
  - Inter/Industry Training, Simulation and education Conference
- **Events**
  - Purple Fire Week
  - SPLASH
  - Learn to code (Hosted by NSBE)
  - Pumpkin Chunkin' (IEEE)
  - Local Hack Day (SHAPE)



# Upcoming Expenses

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- **SoutheastCon 2018**
  - IEEE @ FI Poly
- **PolyCon**
  - Engaging the community, last year had 800 attendees
- **RISE UP**
  - Sexual Violence prevention Committee
- **IREC 2018**
  - Intercollegiate Rocket Engineering Competition, ASTRO



# Outline

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- Introduction
- Budget
- **Events**
  - Funded by SGA
  - Recognized Student Organizations
- **Summary**



# Events Funded By SGA

- **Student Development**



- Purple Fire Week
- Professional Development courses

- **Campus Activities Board**



- PolyCon
- Poly Pi Run
- Rocket League
- Game Night
- Open Mic Night
- Movie Theater Rental

- **Recognized Student Organizations**

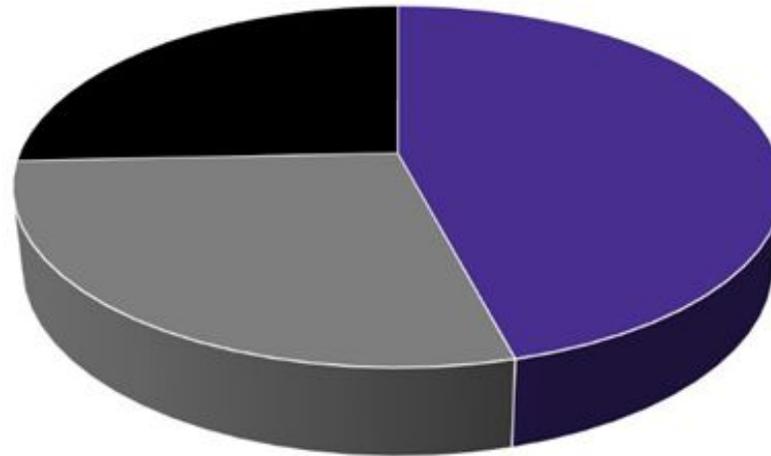


- Pumpkin Chunkin'
- Jedi Academy
- Speaker Series
- Rocket Design Competition
- Conferences



# Recognized Student Organizations

Allocated Funds



- Professional Organizations
- Academic Organizations
- Cultural/Campus Organizations

**Recognized Student Organizations created by students and approved by the senate, budgets are also created and approved by students**



# Active RSOs

## Professional

- TCGTech
- Society of Women Engineers
- Rotaract
- NSBE
- IEEE
- SPIE
- Enactus
- ASME
- Purple Fire Robotics

## Academic

- Physics Club
- Polysec
- ASTRO
- Math Club
- FPMC
- SHAPE
- Modeling and Simulation

## Cultural

- University Church
- Diversity Club
- LASA
- Sub Club
- Rhythm Game Club
- Florida Poly Mutants (Ultimate Frisbee)
- Jedi Academy
- Chess Club
- Nerf-Tech
- Anime Club
- Phoenix League





# Summary

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**SGA's main purpose is the fair allocation of funds that students pay in fees to services and organizations that students enjoy and need**

**Structure helps create an effective organization of checks and balances**

**Sponsored events is the main method of creating campus culture**

**Creating a balanced budget for the A&S fees that are collected on behalf of the students**

**AGENDA ITEM: IX**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: Student Development Update**

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**Proposed Committee Action**

Information only. No action required.

**Background Information**

Tonya Chestnut, Director of Student Development, will provide the committee with a report on student development activities.

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**Supporting Documentation:**

PowerPoint Presentation

**Prepared by:** Tonya Chestnut, Director of Student Development



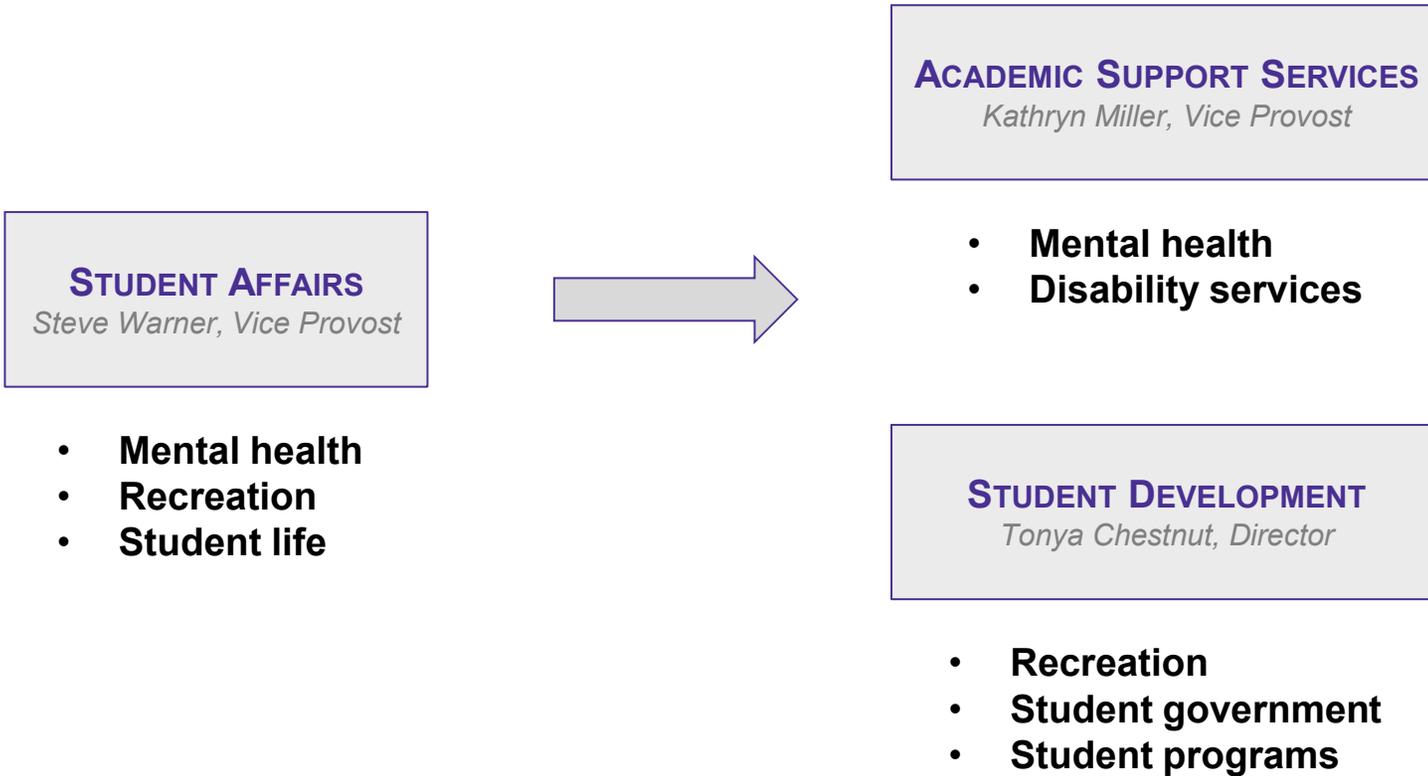
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## **Student Development**

**Tonya Chestnut**  
**28 February 2018**



# Evolution of Student Life



**Student Life services have been expanded and improved in the new organizational structure**



# Outline

- Introduction
- **Recreation**
  - Intramural program
- **Student Government**
- **Student Programs**
- **Summary**



# Recreation

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- **Intramural sports include dodge ball, table tennis, basketball, soccer, flag football and sand volleyball**
- **Fall 2017 numbers**
  - 21 Events
  - 395 Attendees
  - 19 Average
- **Spring 2018 numbers**
  - 10 Events
  - 1048 Attendees
  - 17 Average

**Newly implemented Presence system will better track student involvement in all Student Development programs**



# Recreation

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- **Nutrition workshops**
  - Healthy eating
  - Eating on a college budget
  - Weight loss
  - Food and working out
- **Weight room**
  - Orientation of gym equipment
  - How to squat properly
  - How to bench press properly
  - Faculty/staff vs. student volleyball and basketball game
- **Poly Pi Run**

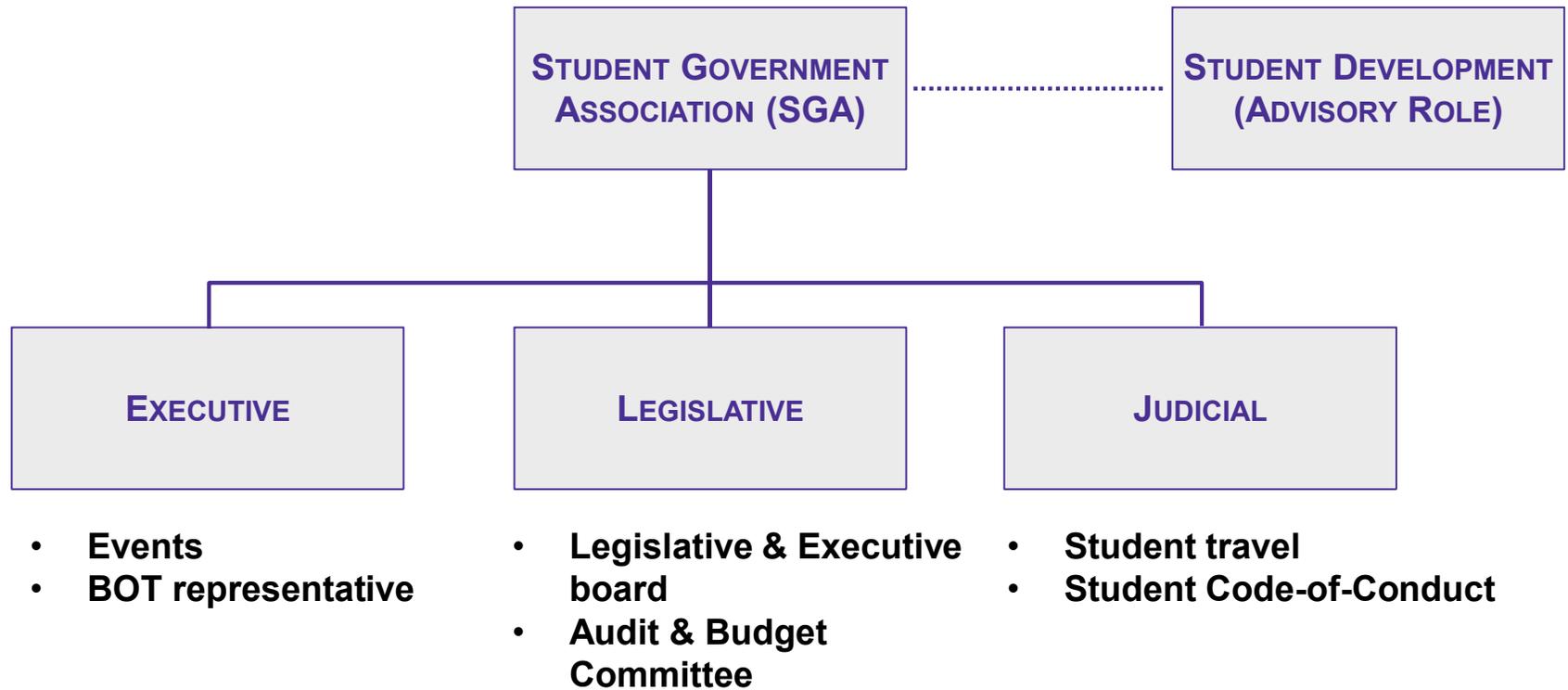


# Outline

- Introduction
- Recreation
- **Student Government**
  - Student Government Association (SGA)
- **Student Programs**
- **Summary**



# SGA Structure



**Student Government Association is funded through student fees and supports student programming**



# SGA Programming

---

- **Recognized Student Organizations (RSO) - \$185,000**
    - Supports student clubs
      - Includes 42 clubs across professional, academic, arts and entertainment, cultural, gaming, sports and recreation, media publication, professional, religious, special interest
    - Controlled by students
  
  - **Campus Activities Board (CAB) - \$85,680**
    - Supports student events
      - Includes PolyCon, E-Sports, skills challenge, game night, comedy show, open mic night
    - Controlled by students
  
  - **Student Development - \$30,000**
    - Supports student development events
      - Soft skills workshops, cultural celebrations, volunteer events, Purple Fire Week
    - Controlled by Student Development
-



# Outline

- Introduction
- Recreation
- Student Government
- **Student Programs**
  - Soft skills (self development)
  - Preventative programming
  - Code of Conduct
- **Summary**



# Self Development

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- **Volunteer events**

- Light House Ministries
- Pig Fest
- Florida Baptist Home
- Polk County Parks and Recreation
- Relay for Life
- Kids Pack-Tiger Town

- **Developmental workshops**

- What every student needs to know about money
- Self awareness-building your brand
- Reducing test anxiety
- Prioritization empowers you to succeed
- Strengthening accountability
- Resources fair with community businesses
- Conflict Resolution
- Suicide prevention
- Communication
- Guide to public speaking



# Preventive Programming

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- **Anti Hazing**
  - Prior attempt resulted in poor results
  - Implemented mandatory completion of course prior to class registration
  - Increased participation
    - Fall 2016 (3%)
    - Fall 2017 (98%)
    - Spring 2018 (100%)
  
- **AlcoholEdu**
  - Implemented-Spring 2018 (not mandatory)
  - 772 registered (56%)
  - 642 completed (84% of the registered, 47% of student body)



# Summary

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- **Student Affairs reorganized into Academic Support Services and Student Development**
- **Student Development consists of recreation, student government and student programs**
- **Student Development goal is to create a rich interactive culture where innovation and learning are infused into campus life**
- **Newly implemented Presence system to track student involvement and data to highlight an active campus life**

**AGENDA ITEM: X**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: 2018-2019 Academic Calendar**

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**Proposed Committee Action**

Recommend approval of the 2018-2019 academic calendar to the Board of Trustees.

**Background Information**

Dahl Grayckowski will present an update on the 2018-2019 academic calendar which is coming to the committee for approval to the Board of Trustees.

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**Supporting Documentation:** N/A

**Prepared by:** Dahl Grayckowski, University Registrar



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## **Academic Calendar**

**Dahl Grayckowski, University Registrar**  
**February 28, 2018**



## **Calendar Constraints**

- 1. BOG Regulation – must start within a specific date**
- 2. Meeting contact hours – Federal requirement**
- 3. Respecting faculty pedagogy & time – quality concerns**
- 4. Leap year 2020 – wild card**

## **Emergency Campus Closures Make-up**

- 1. Holidays (3 days)**
  - 2. Reading Days (2 days)**
  - 3. Mandatory evenings (upper division),  
Saturdays and/or Sundays (lower division)**
-



# Calendar – Fall 2019 to Summer 2021

	Fall 2019	Fall 2020	Fall 2021
<b>Classes Begin</b>	Wednesday, August 21, 2019	Wednesday, August 26, 2020	
<b>Labor Day Holiday</b>	Monday, September 2, 2019	Monday, September 7, 2020	
<b>Veteran's Day Holiday (Observed) 2020 is Tentative</b>	Monday, November 11, 2019	Wednesday, November 11, 2020	
<b>Thanksgiving Holiday</b>	November 27 - 30	November 25 - 28	
<b>Last Day of Classes</b>	Wednesday, December 4, 2019	Wednesday, December 9, 2020	
<b>Commencement</b>	Friday, December 13, 2019	Friday, December 18, 2020	
<b>Winter Break - Campus Closed</b>	December 26 - 31	December 26 - 31	
	<b>Spring 2019</b>	<b>Spring 2020</b>	<b>Spring 2021 (Tentative)</b>
<b>Classes Begin</b>	Monday, January 7, 2019	Monday, January 6, 2020	Monday, January 11, 2021
<b>Martin Luther King Jr. Holiday - No Classes</b>	Monday, January 21, 2019	Monday, January 20, 2020	Monday, January 18, 2021
<b>Spring Break - No Classes</b>	March 2 - 10	Feb 29 - March 7	March 7 - 14
<b>Last Day of Classes</b>	Wednesday, April 24, 2019	Wednesday, April 22, 2020	Wednesday, April 28, 2021
<b>Commencement</b>	Friday, May 3, 2019	Friday, May 1, 2020	Friday, May 7, 2021
	<b>Summer A 2019</b>	<b>Summer A 2020</b>	<b>Summer A 2021</b>
<b>Classes Begin</b>	Monday, May 13, 2019	Monday, May 11, 2020	Monday, May 17, 2021
<b>Memorial Day Holiday</b>	Monday, May 27, 2019	Monday, May 25, 2020	Monday, May 31, 2021
<b>Last Day of Classes</b>	Friday, June 21, 2019	Friday, June 19, 2020	Friday, June 25, 2021
<b>Summer Break</b>	June 24 - 29	June 22 - 27	June 28 - July 3
	<b>Summer B 2019</b>	<b>Summer B 2020</b>	<b>Summer B 2021</b>
<b>Classes Begin</b>	Monday, July 1, 2019	Monday, June 29, 2020	Tuesday, July 6, 2021
<b>Independence Day (Observed)</b>	Thursday, July 4, 2019	Friday, July 3, 2020	Monday, July 5, 2021
<b>Last Day of Classes</b>	Friday, August 9, 2019	Friday, August 7, 2020	Friday, August 13, 2021
	<b>Summer C 2019</b>	<b>Summer C 2020</b>	<b>Summer C 2021</b>
<b>Classes Begin</b>	Monday, May 13, 2019	Monday, May 11, 2020	Monday, May 17, 2021
<b>Memorial Day Holiday</b>	Monday, May 27, 2019	Monday, May 25, 2020	Monday, May 31, 2021
<b>Summer Break</b>	June 24 - 29	June 22 - 27	June 28 - July 3
<b>Independence Day (Observed)</b>	Thursday, July 4, 2019	Friday, July 3, 2020	Monday, July 5, 2021
<b>Last Day of Classes</b>	Friday, August 9, 2019	Friday, August 7, 2020	Friday, August 13, 2021

Academic & Student Affairs Committee - X. 2018-2019 Academic Calendar

**DIRECTIONS:** Each university shall operate on a year-round calendar which provides 220 days of classroom instruction including examinations, or 210 days of instruction excluding examinations. Exceptions may be approved by the Board of Governors. Unless an exception is granted, the first day of classes will fall within each of the following three periods of time: a) The first three (3) weekdays after August 22; b) The first three (3) weekdays after January 4; and c) The first three (3) weekdays after May 5. Each calendar shall minimize time lost to students in completing the transfer between programs or institutions. A summer program for teachers, school personnel and other students shall begin no earlier than June 15 and close no later than August 15.

*If the university's calendar does not meet the above requirements, please submit a request for an exception.*

2020-2021 Academic Calendars for State Universities																			
Univer sity	Term One: Fall 2020- Start	Term One - Fall 2020 - No Classes (i.e. holidays/ breaks)	Term One - Fall 2020 - Last Day of Classes	Term Two - Spring 2021 - Start	Term Two - Spring 2021 - No Classes	Term Two - Spring 2021 - Last Day of Classes	Term Three - Summer A 2021 - Start	Term Three - Summer A 2021 - No Classes	Term Three - Summer A 2021 - Last Day of Class	Term Four - Summer B 2021 - Start	Term Four - Summer B 2021 - No Classes	Term Four - Summer B 2021 - Last day of Class	Term Five - Summer C 2021- Start	Term Five - Summer C 2021- No Classes	Term Five - Summer C 2021 - Last day of Class	Term Five - Summer D 2021- Start	Term Five - Summer D 2021 - No Classes	Term Five - Summe r D 2021 - Last day of Class	Commen cement Date(s): Fall 2020 -Summ 2021
FAMU																			
FAU																			
FGCU																			
FIU																			
FPU	8/26/2020	09/07/2020; 11/11/2020; 11/25- 11/28/2020	12/9/2020	1/11/2021	01/18/2021; 03/07/2021- 03/14/2021	4/28/2021	5/17/2021	5/31/2021	6/25/2021	7/6/2021	7/5/2021	8/13/2021	5/17/2021	05/31/2021; 07/05/2021	8/13/2021				5/7/2021
FSU																			
NCF																			
UCF																			
UF																			
UNF																			
USF																			
UWF																			

**AGENDA ITEM: XI**

**Florida Polytechnic University  
Academic and Student Affairs Committee  
Board of Trustees  
February 28, 2018**

**Subject: United Faculty of Florida, Florida Poly Chapter Remarks**

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**Proposed Committee Action**

Information only. No action required.

**Background Information**

Dr. Richard Matyi, United Faculty of Florida, Florida Poly Chapter President, will provide remarks.

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**Supporting Documentation:** N/A

**Prepared by:** Dr. Richard Matyi, United Faculty of Florida, Florida Poly Chapter President