



Item: AS: I-2

COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS

Wednesday, November 16, 2016

SUBJECT: REPORT ON RESEARCH

PROPOSED COMMITTEE ACTION

No action is necessary. This item is only informational.

BACKGROUND INFORMATION

Dr. Daniel Flynn, Vice President for Research, will give a general update on the Division of Research.

IMPLEMENTATION PLAN/DATE

N/A

FISCAL IMPLICATIONS

N/A

Supporting Documentation: PowerPoint Presentation

Presented by: Dr. Daniel Flynn, VP for Research

Phone: 561-297-0268

FLORIDA ATLANTIC UNIVERSITY



2016 REPORT ON RESEARCH

BE *bold.*

Presented by

Dr. Daniel Flynn, Vice President for Research

FAU Board of Trustees - Committee on Academic and Student Affairs

November 16, 2016

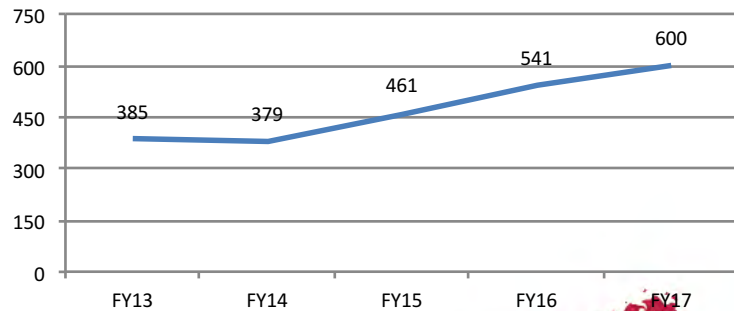


Funding and Applications by College

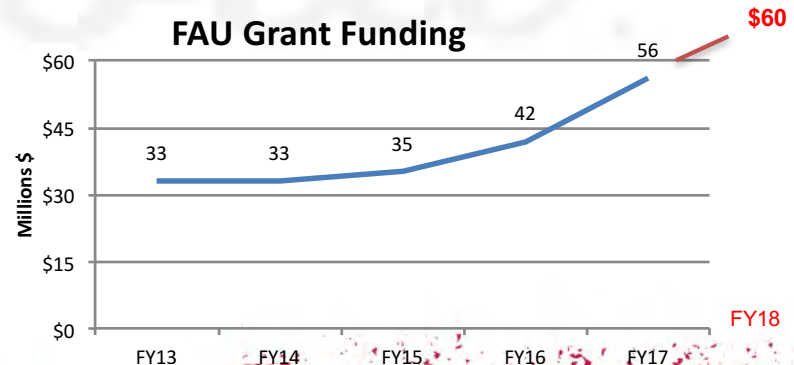


College	FY13		FY14		FY15		FY16		FY17
	\$	#	\$	#	\$	#	\$	#	
Dorothy F. Schmidt College of Arts and Letters	\$181,820	4	\$297,898	4	\$9,836	3	\$388,936	12	
Charles E. Schmidt College of Medicine	\$4,333,729	45	\$3,412,835	35	\$1,254,910	43	\$5,133,601	56	
College of Business	\$20,000	1	\$20,000	1	\$20,000	1	\$155,000	3	
College for Design and Social Inquiry	\$554,233	13	\$39,278	10	\$246,198	13	\$940,889	23	
College of Education	\$3,225,297	37	\$4,579,474	37	\$6,035,939	35	\$5,730,888	32	
College of Engineering and Computer Science	\$3,572,688	80	\$3,612,791	75	\$4,294,516	101	\$5,394,070	148	
Harriet L. Wilkes Honors College	\$160,391	1	\$760,475	6	\$260,723	3	\$414,230	1	
Christine E. Lynn College of Nursing	\$2,150,500	23	\$2,571,395	17	\$2,031,596	18	\$3,632,006	24	
Charles E. Schmidt College of Science	\$4,427,099	109	\$5,839,184	119	\$3,937,764	125	\$6,502,178	119	
Harbor Branch Oceanographic Institute	\$5,779,528	54	\$5,542,226	57	\$8,915,405	97	\$9,035,015	89	
Other	\$8,880,100	18	\$6,614,914	18	\$8,161,063	22	\$4,495,985	34	
Total	\$33,285,385	385	\$33,290,470	379	\$35,167,950	461	\$41,822,798	541	\$53,000,000 600

FAU Grant Applications



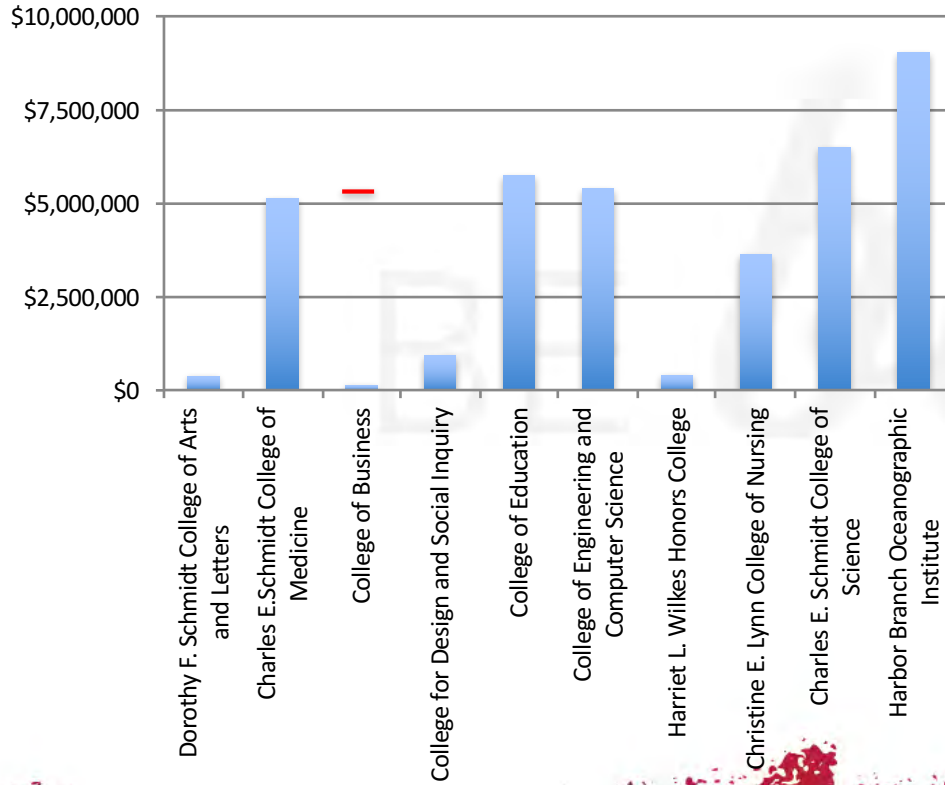
FAU Grant Funding



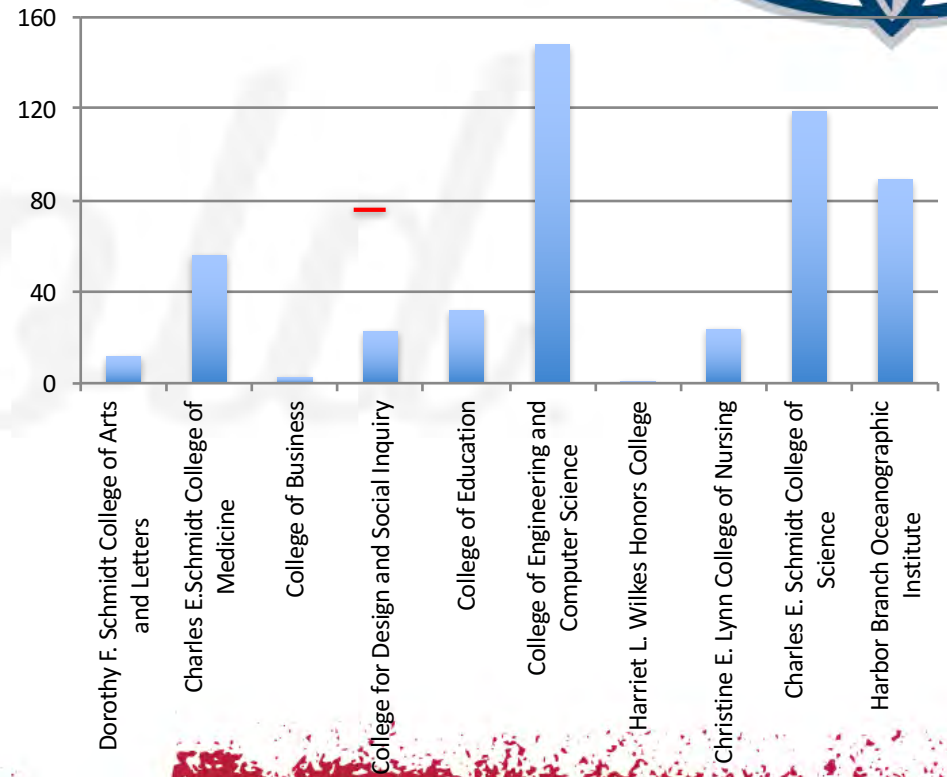
Graphics



Grant Funding per College - FY16

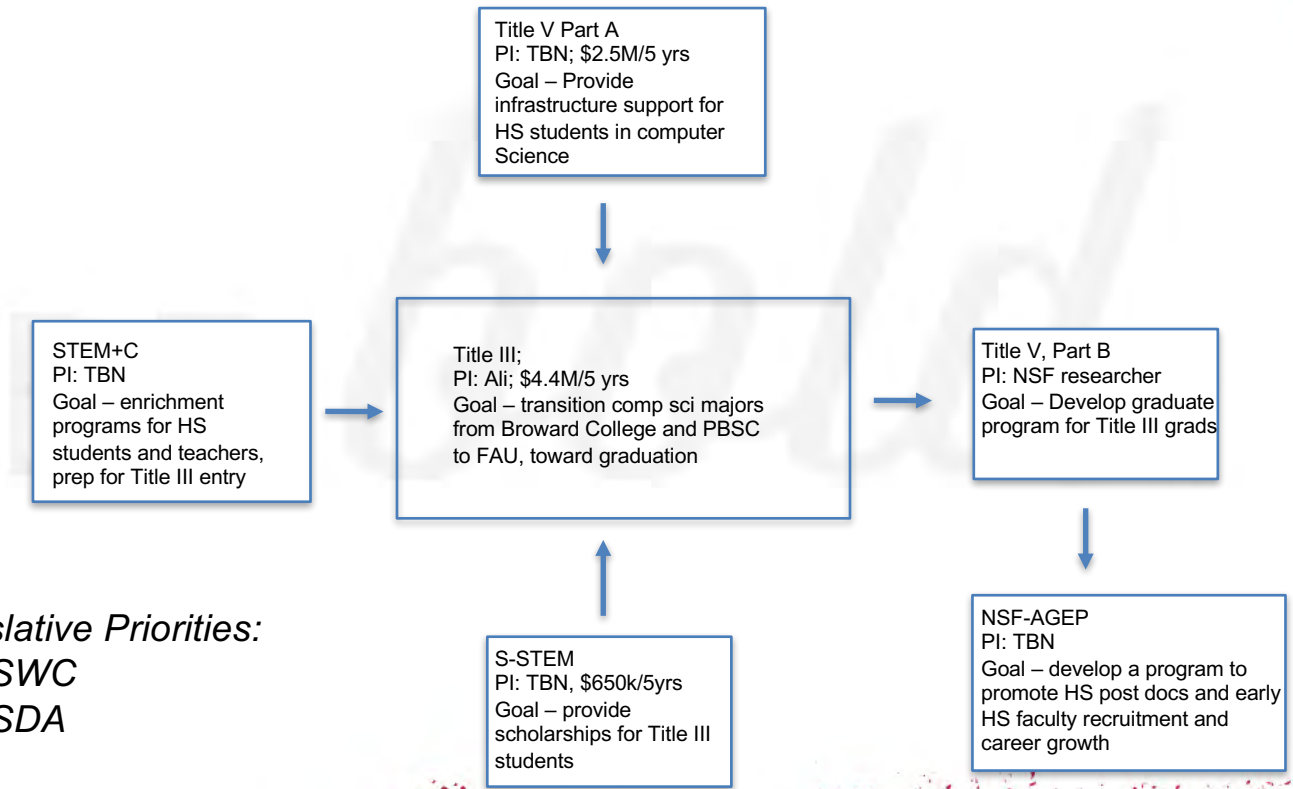


Grant Applications per College - FY16





HSI Strategy – creating a computer science program to serve Hispanic Students

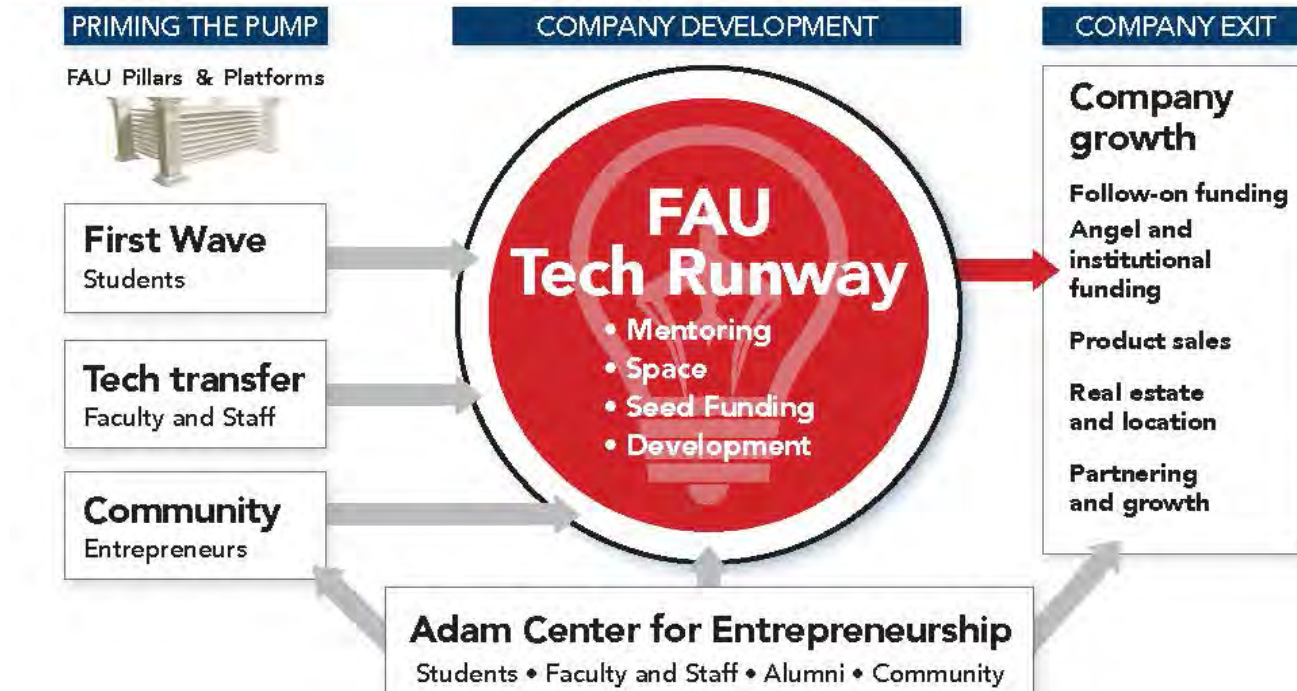


Legislative Priorities:

- NSWC
- USDA



Entrepreneurship Platform



Tech Runway Progress



FAU TECH RUNWAY COMPANY SUCCESS (OCT '14 - OCT '16)				
CUMULATIVE RESULTS	As of Jan '16	As of Oct '16	Resident Companies FY16	Resident Companies FY17
Total Number of Companies	14	26	SoFla Sunwear	Aquaco Farms
			TiloTag	Squeeze
FAU/State Funds Invested	\$2,437,000	\$3,023,725	BedaBox	Symptify
External Capital Investments	\$6,098,342	\$17,976,100	Design Comfort Shoes	Rotation Manager
Sales/Service Revenue Generated	\$3,166,742	\$5,868,300	JJ Balmer	MagiGear, Inc.
Total Revenue	\$9,265,084	\$23,844,400	Modulux Lighting	Meti Co.
ROI = (Sales/Service+Investments)/(FAU/State investment)	3.8-FOLD	7.9-FOLD	SQUEEZE	Bionic Glove Project
			How I Compare	Mind & Melody, Inc.
Total Full Time Jobs Created	73	239	Stand 4	Neuro Pharmacologics
Average Annual Salary	\$75,000	\$45,222	Group Care	Let It Rot
FAU Students and Interns	60	105	Candidate.Guru	TiloTag
Intellectual Property	6	34	Honorlock, LLC	Invoice Syndicate
Corporate Partnerships	0	145	Tone-y-Bands	KISScientific Instruments
			Honorlock, LLC	Faceplay
			Child Rescue Coalition	Power Calc
				Child Rescue Coalition
Predicted ROI on \$1M State of FL investment	\$3,800,000	\$7,900,000		SoFla



Tech Transfer and FAU WAVE



<u>Technology Transfer</u>	FY13 2012-13	FY14 2013-14	FY15 2014-15	FY16 2015-2016	FY17-Estimate 2016-2017
Invention Disclosure	15	13	14	18	20
Prov Filed	2	1	14	5	10
Patent Awarded	4	7	11	2	5
New Start up Co	1	1	1	3	5
License Agreements	6	17	4	4	4
Licensing Income	130,272	277,492	152,909	150,716	200,000

FAU WAVE	FY16	FY17
Participants		
# Student Teams Applied	20	33
# Student Teams Accepted	20	25
Attrition	1	
# Student Team Projects Completed	19	
# Faculty Mentors		23

