



Item: AS: I-2

**COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS**

**Tuesday, February 11, 2020**

**SUBJECT: REPORT ON RESEARCH**

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**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, with a focus on opportunities for expanded federal engagement.

**IMPLEMENTATION PLAN/DATE**

N/A

**FISCAL IMPLICATIONS**

N/A

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**Supporting Documentation:** PowerPoint Presentation

**Presented by:** Dr. Daniel Flynn, VP for Research

**Phone:** 561-297-0268

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Your  
**future**  
awaits.

**FY19 Research Report  
Final Research Activity and Tech Transfer**

FAU Board of Trustees  
Committee on Academic and Student Affairs

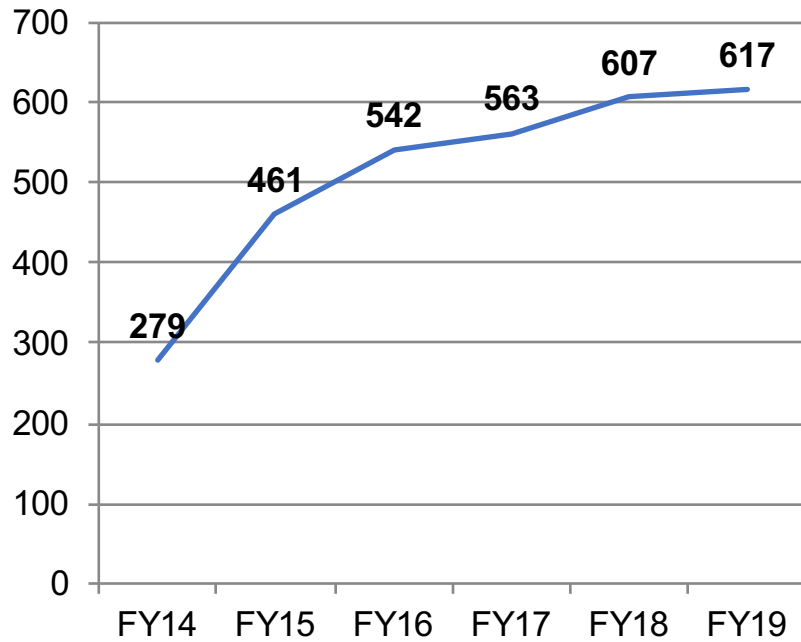
**February 11, 2020**



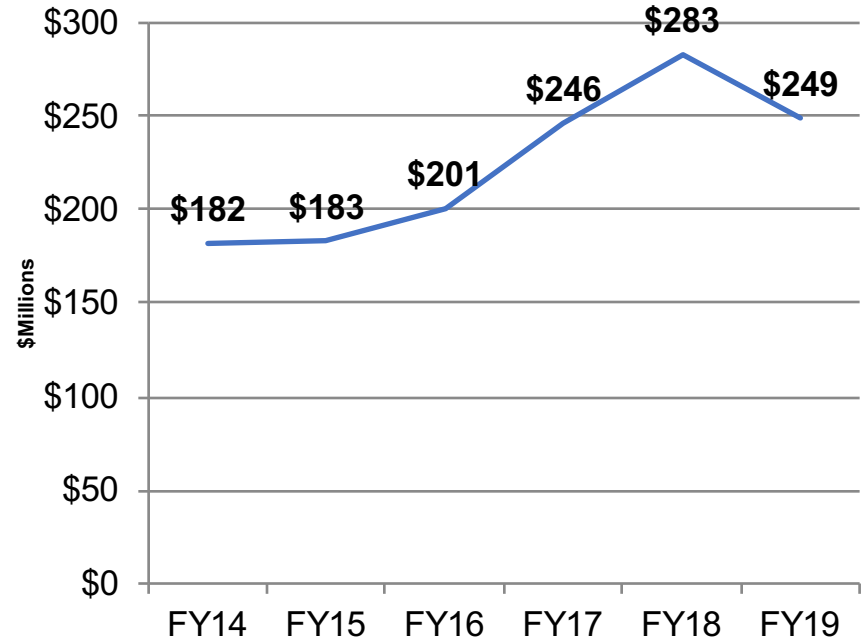
# Grant Submission Activity

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### Applications Submitted



### Grant Dollars Requested

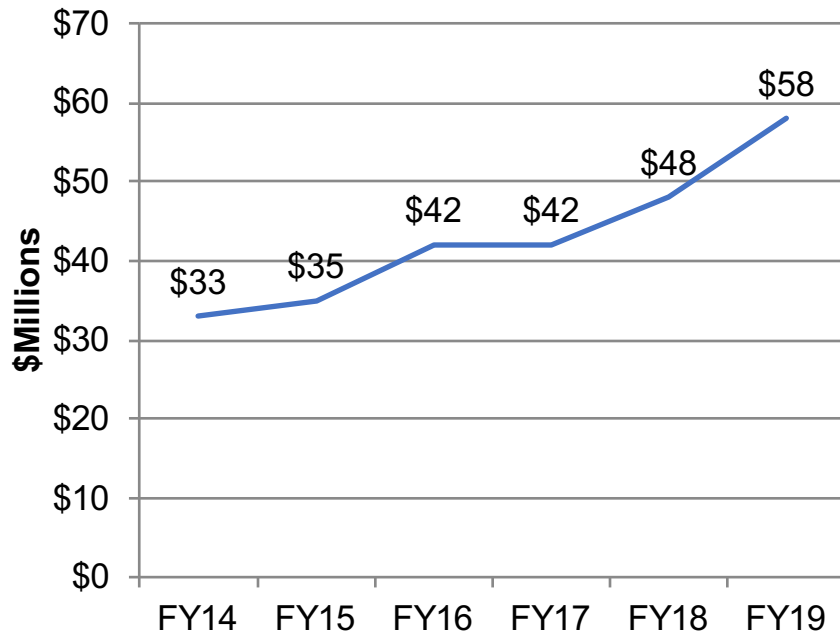




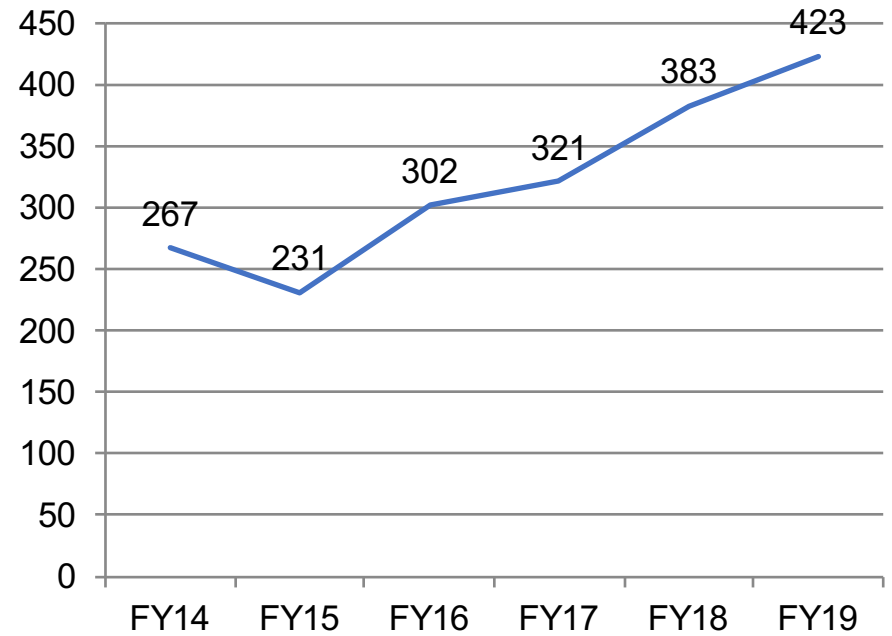
# Grant Awards

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### Research Awards



### # Funded Awards



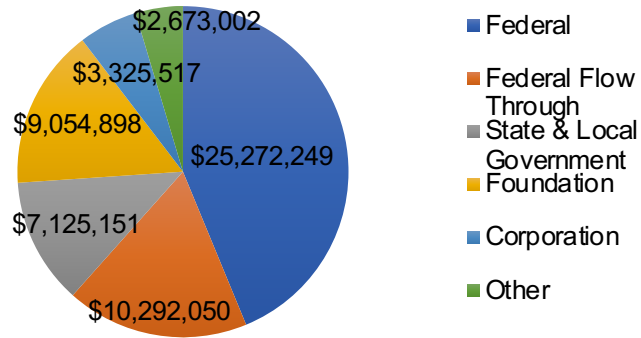
Data indicate success in getting awards may reflect in part the reduction in dollars requested for FY19.



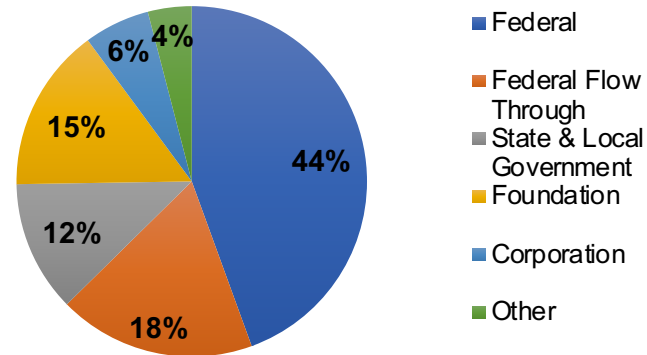
# Source of FAU Extramural Awards

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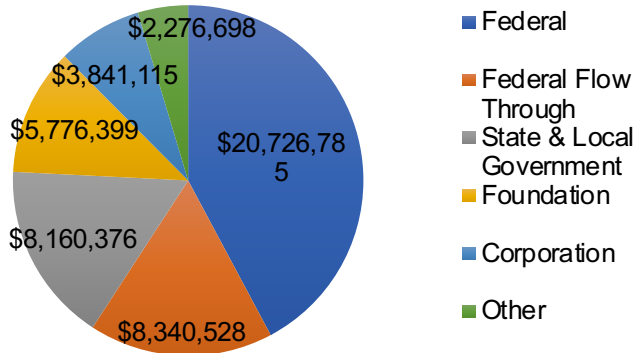
### FY19 Funding Type



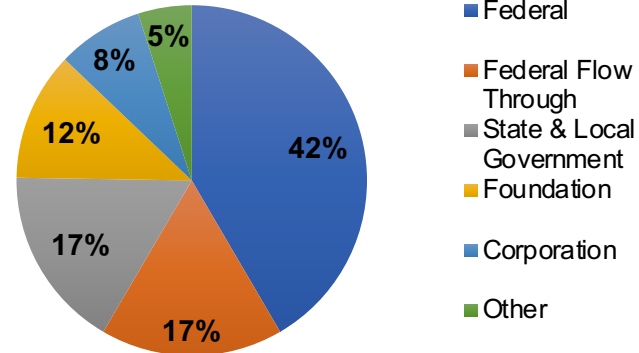
### FY19 funding source by %



### FY18 Funding Type



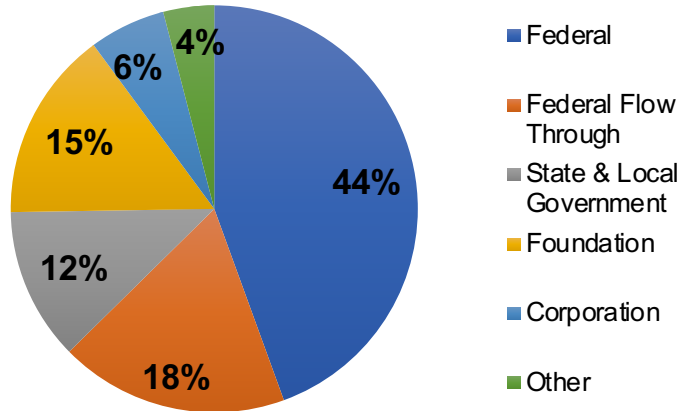
### FY18 funding source by %



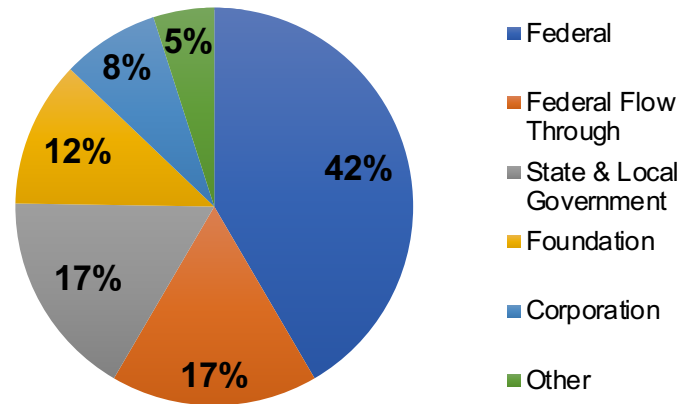


# Trends

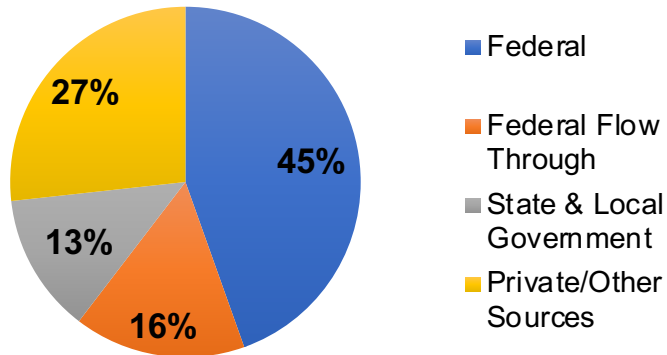
### FY19 funding source by %



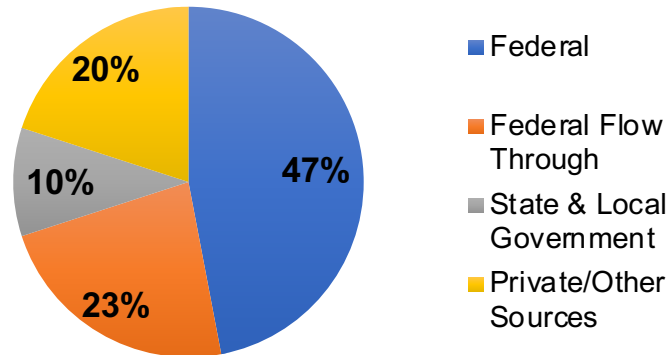
### FY18 funding source by %



### FY17 Funding source by %



### FY16 Funding source by %

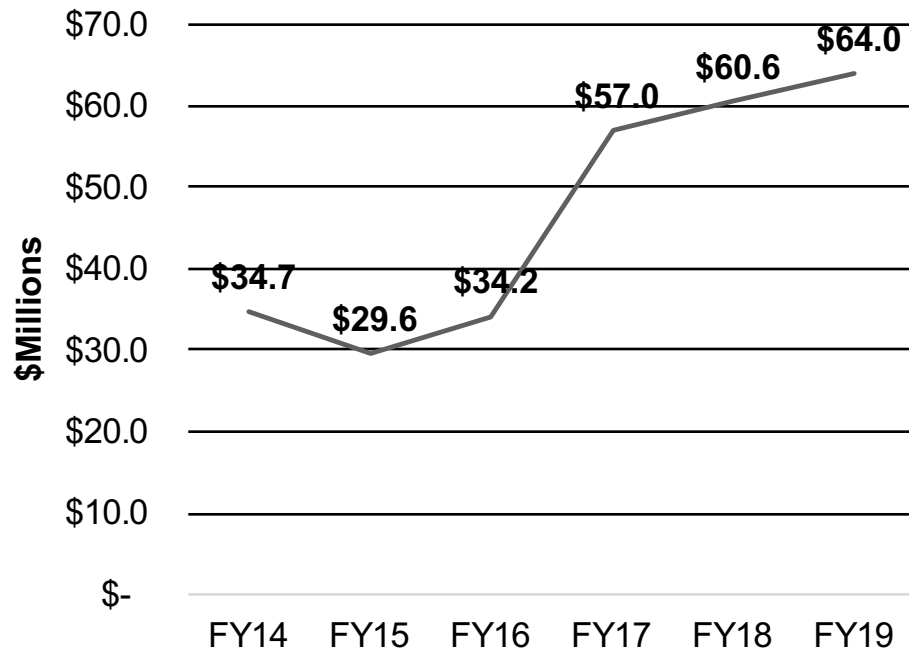




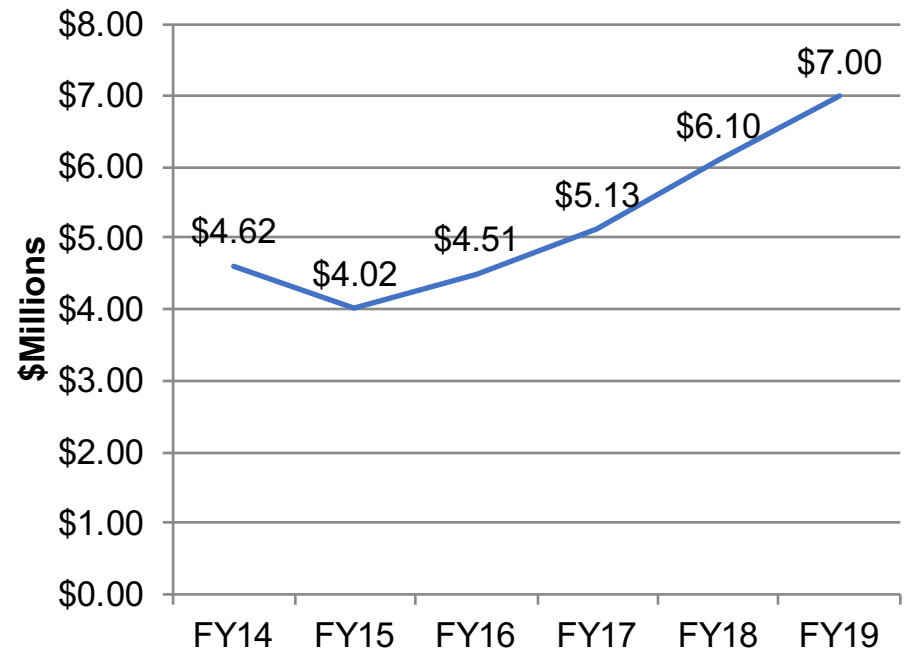
# Research Expenditures

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### Research Expenditures



### F&A Recovered

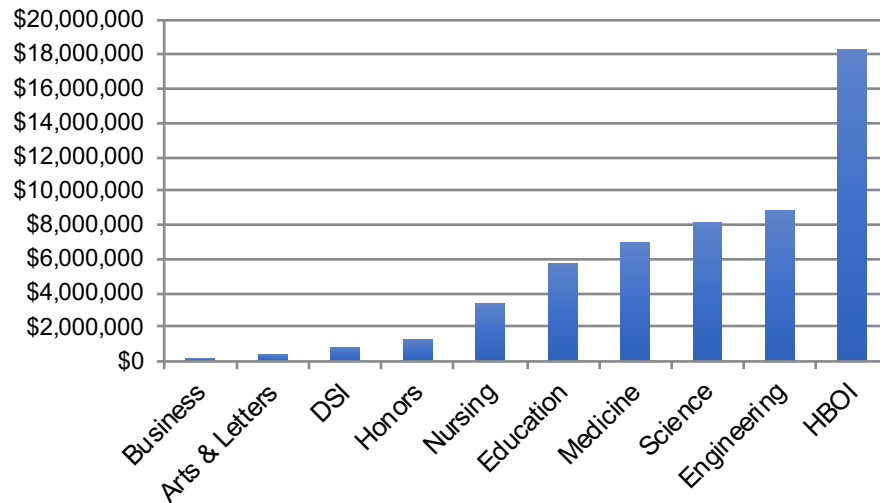




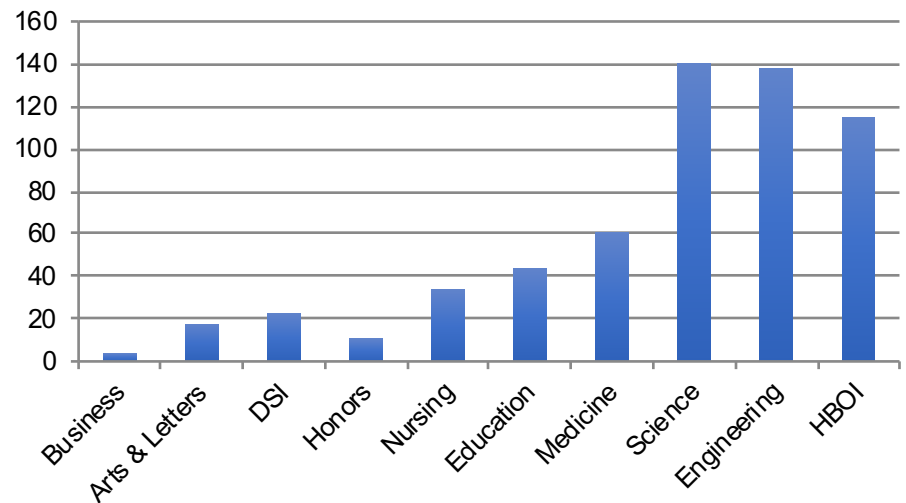
# FY19 Awards and Proposals Data by college

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**FY19 Awards data by college**



**FY19 Proposals**



College	FY15	FY16	FY17	FY18	FY19
Arts & Letters	\$9,836	\$388,936	\$436,398	\$380,260	\$479,972
Medicine	\$1,254,916	\$5,133,661	\$3,767,118	\$5,952,483	\$7,029,719
Business	\$20,000	\$155,000	\$105,000	\$105,000	\$227,450
DSI	\$246,198	\$940,889	\$619,778	\$693,282	\$899,409
Education	\$6,035,939	\$5,730,888	\$7,879,128	\$7,339,801	\$5,793,473
Engineering	\$4,294,516	\$5,394,076	\$7,815,054	\$7,840,300	\$8,868,136
Honors	\$260,723	\$414,230	\$397,873	\$1,110,190	\$1,349,867
Nursing	\$2,031,596	\$3,632,006	\$2,494,633	\$4,656,664	\$3,433,953
Science	\$3,937,764	\$6,502,178	\$5,502,732	\$6,562,442	\$8,161,868
HBOI	\$8,915,405	\$9,035,015	\$9,752,470	\$9,407,149	\$18,306,253

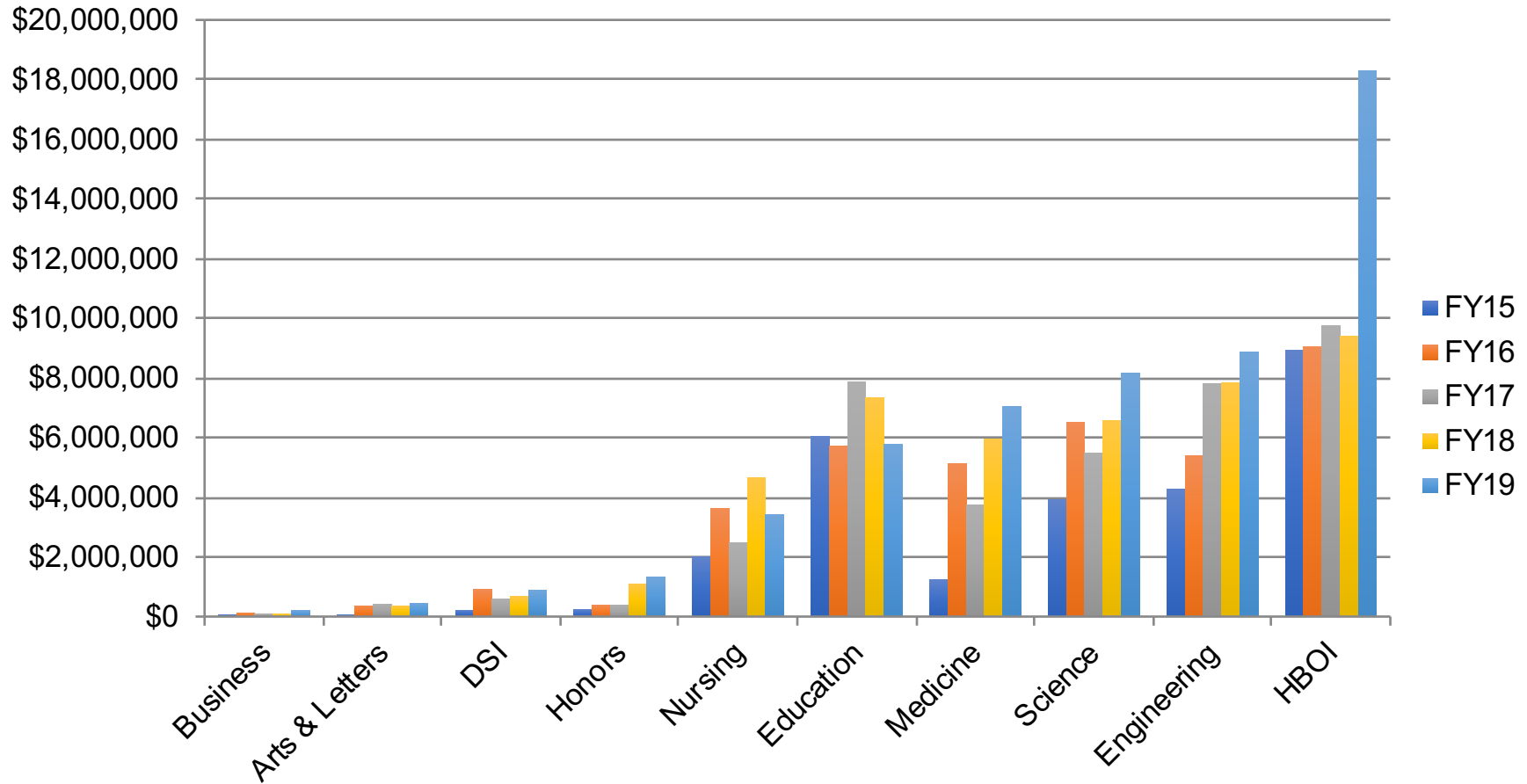
College	FY15	FY16	FY17	FY18	FY19
Arts & Letters	3	12	7	9	18
Medicine	43	56	62	67	61
Business	1	3	1	3	4
DSI	13	24	13	26	23
Education	3	32	37	42	44
Engineering	101	148	144	140	138
Honors	3	1	6	10	11
Nursing	18	24	25	34	34
Science	125	119	146	128	140
HBOI	97	89	109	237	115

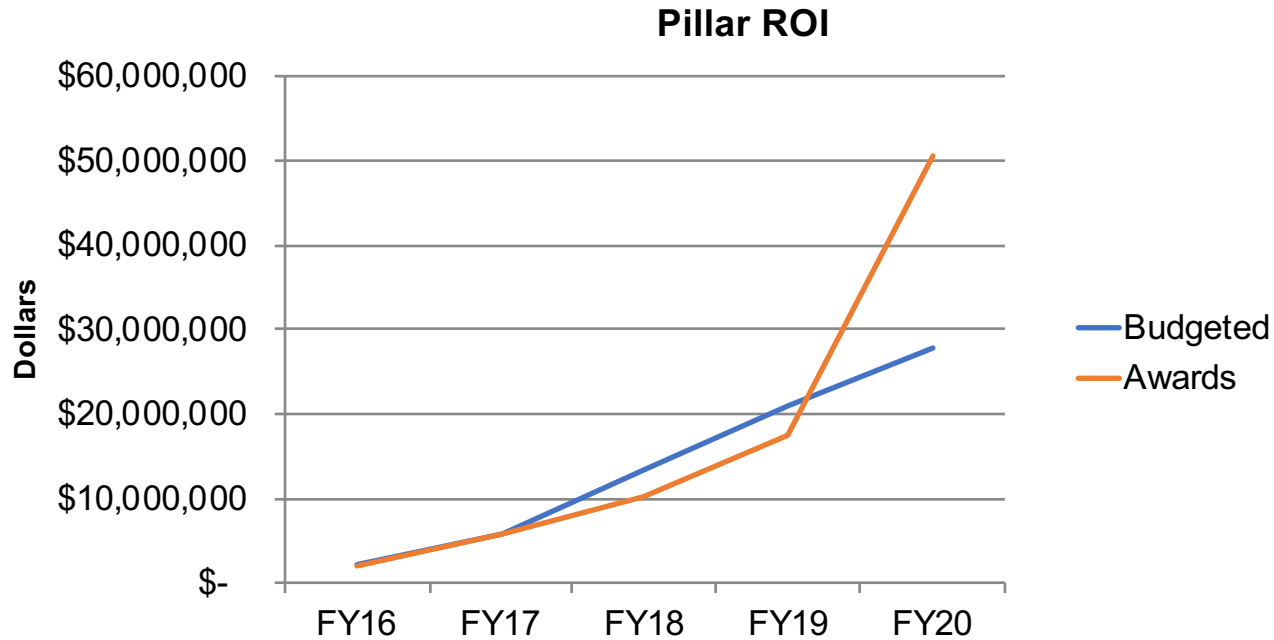




# College Awards - Trend Lines

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Notes – Cumulative over each year

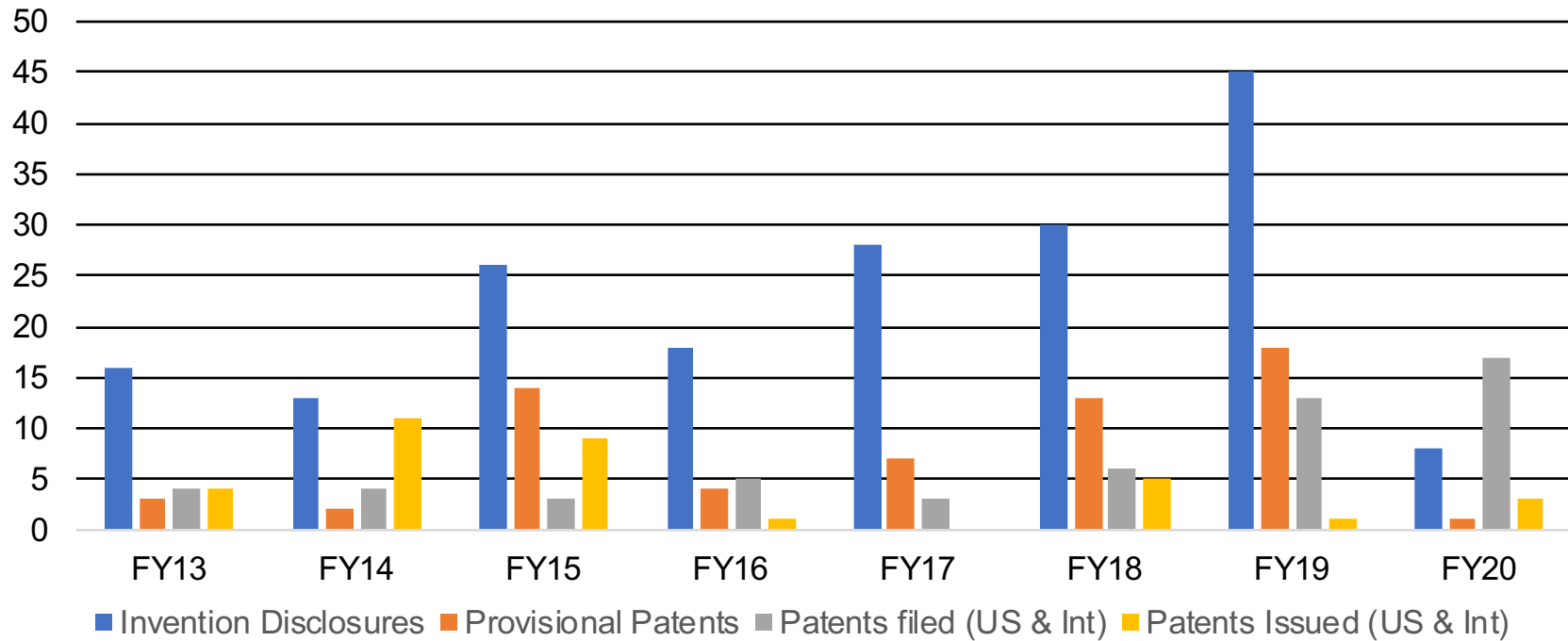
- Awards= total grant award, all years while at FAU, for new hires only
- Budgeted=Dollars budgeted for pillar (not spent, which is less)
- FY20 – Large increase due to Federal lobbying efforts (\$23M to HBOI, \$5M to Engineering, speculating \$5M of additional awards where FY19 was \$7M (conservative))



# Tech Transfer Activity

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## IP Activity

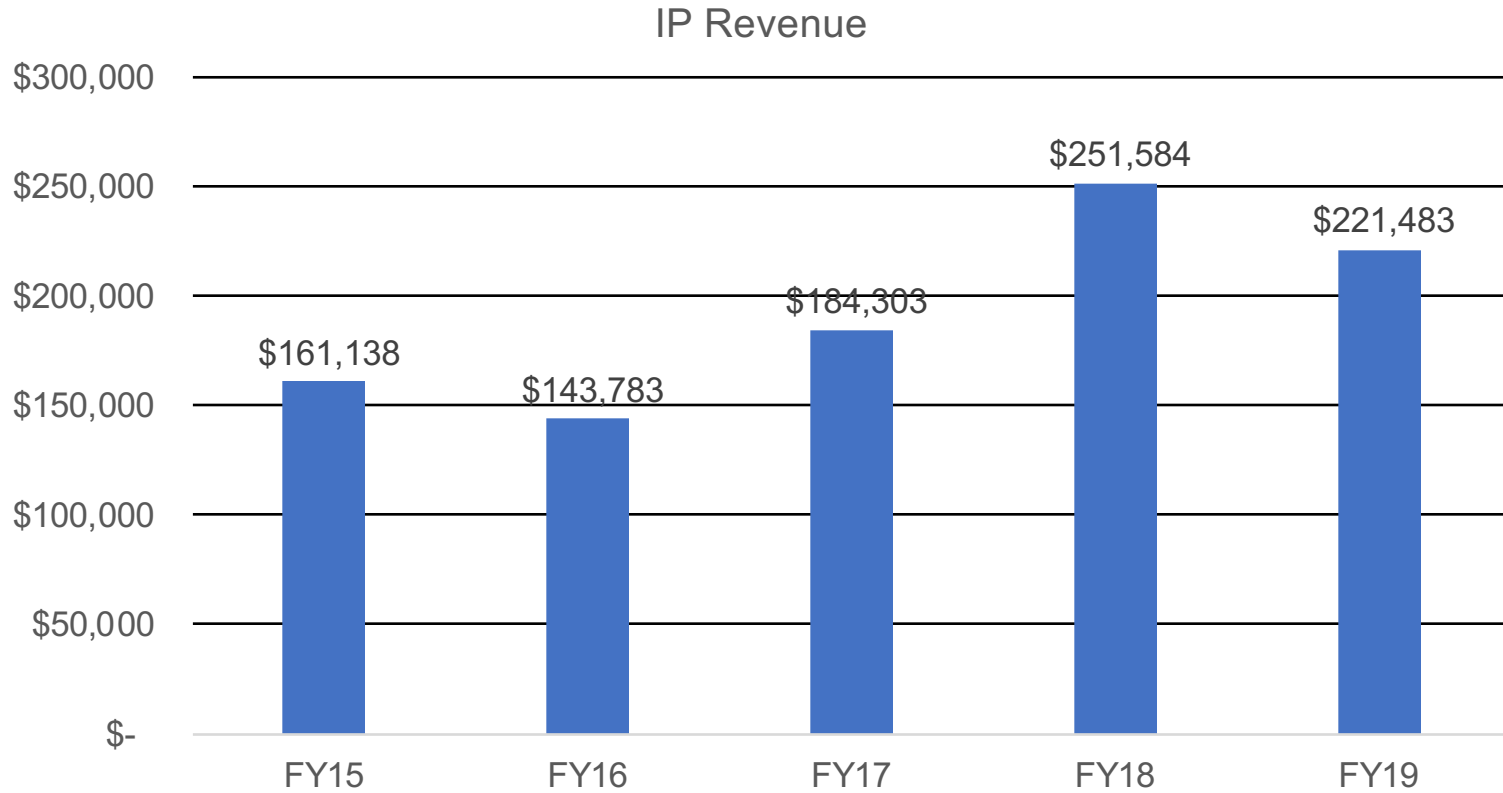


	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20
Invention Disclosures	16	13	26	18	28	30	45	8
Provisional Patents	3	2	14	4	7	13	18	1
Patents filed (US & Int)	4	4	3	5	3	6	13	17
Patents Issued (US & Int)	4	11	9	1	0	5	1	3



# Tech Transfer Activity

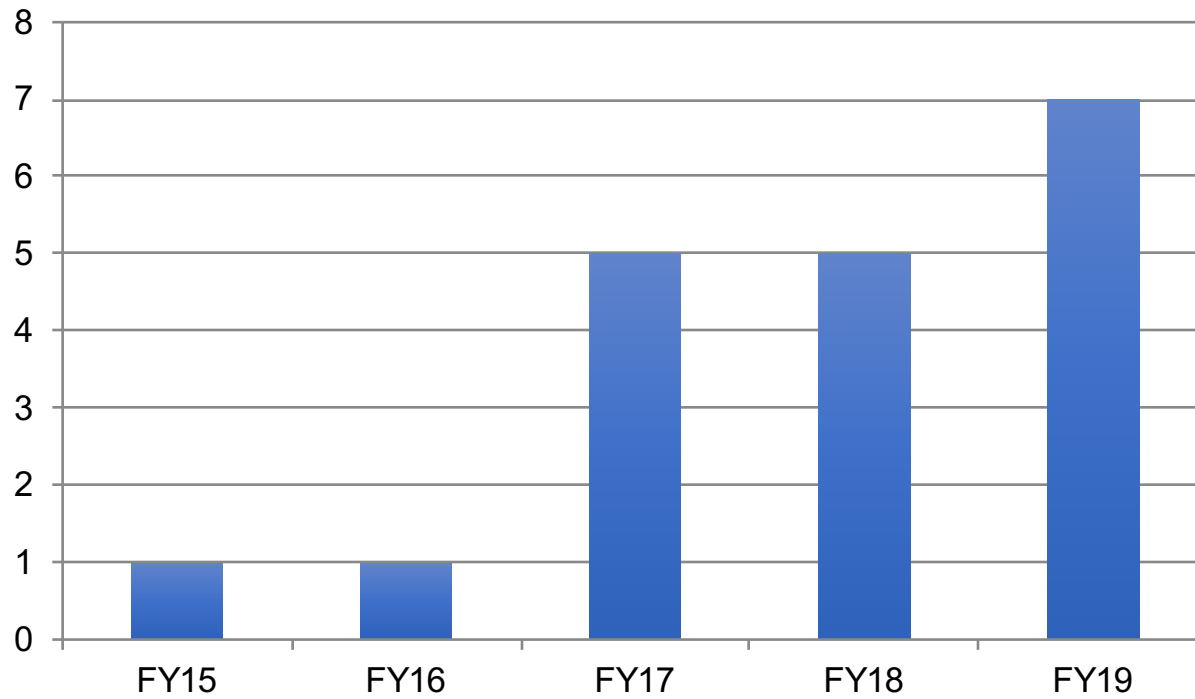
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FY18 shows a one-time sale of a 'dormant' patent for \$85k



## New FAU-derived Startups





# Current status of FAU faculty startups FLORIDA ATLANTIC UNIVERSITY

Class #:	Company Name	Active; solid progress	Stalled	Mothballed	Dead	Unsure of status
1	I-Team Connect					1
2	Candidate.Guru				1	
4	Bionic Glove Project		1			
4	KISScientific Instruments			1		
4	Symptify					1
4	Neuro Pharmalogics Inc.		1			
4	Maji Gear		1			
5	Intercept TeleHealth Solutions		1			
5	MMP Biopharma		1			
5	PQSecure Technologies	1				
5	Videopura	1				
5	VoxelRx			1		
6	Contiguity Spatial Solutions	1				
6	ExtremeComms Lab	1				
6	SciKey Diagnostics		1			
6	Team SparX	1				
6	MedBios			1		
6	BiUwAVe	1				
6	MelanomaDx		1			

6                      7                      3                      1                      2



## Equity Stakes

- Faculty Derived companies & Tech Runway
  - Exit Fee
  - Percent of revenue (after some threshold)

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Final Research Activity and Tech Transfer**

FAU Board of Trustees  
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