



# BOARD *of* GOVERNORS

## State University System of Florida

### 2019 Research and Innovation Dashboard

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[www.flbog.edu](http://www.flbog.edu)



# Elevating the System's Research Profile

## Examples of recent initiatives





# Research Dashboard: Overview





# Research Grants & Contracts Overview

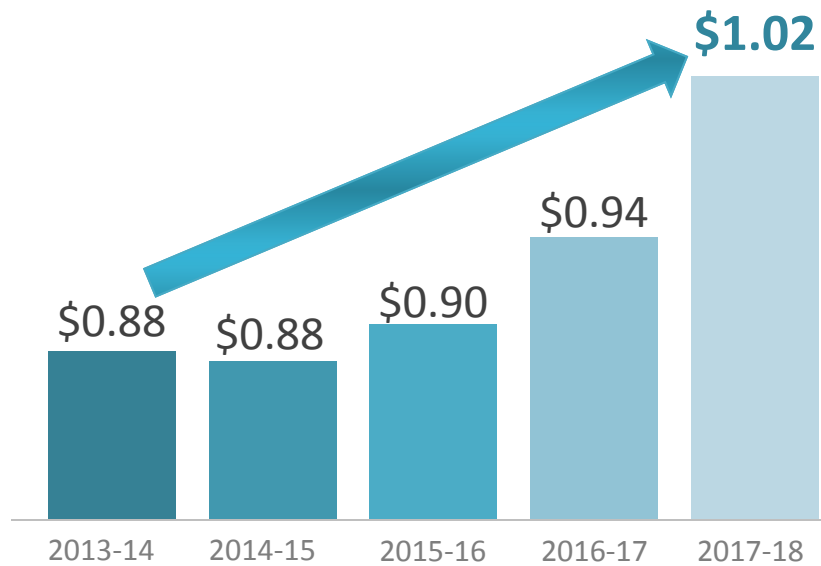
	METRICS	Year 1	Year 2
	1 Total R&D Expenditures	\$2.21 B	\$2.32 B
➔	2 Federal R&D Expenditures	\$948 M	\$1,020 M
➔	3 Science & Engineering R&D Expenditures	\$1.95 B	\$2.07 B
➔	4 Non-Medical R&D Expenditures	\$1.4 B	\$1.45 B
➔	5 Number of Grants/Contracts between Two or More SUS Institutions	Not collected	120

➔ Not included in strategic plan



# Research Grants & Contracts Federal Expenditures

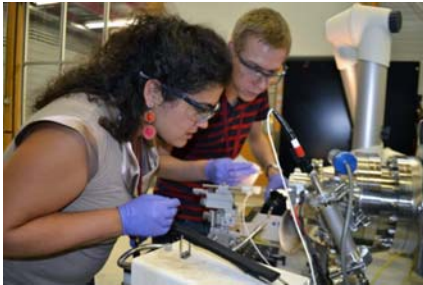
SUS Expenditures  
in billions  
15% increase





# Research Grants & Contracts

## Number of Grants Between Two or More SUS Institutions



NATIONAL HIGH  
**M**MAGNETIC  
FIELD LABORATORY

**FIU**

Institute of Water and Environment - Southeast Environmental Research Center

**CREST Center for Aquatic Chemistry and Environment**

**FAMU** [ FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY ]

 CaRE<sup>2</sup> Health Equity Center

**UFHealth**  
UNIVERSITY OF FLORIDA HEALTH



# Research Grants & Contracts

## Number of Grants Between Two or More SUS Institutions



Total number of grants  
between 2 or more  
SUS institutions 2017-18

**120**





# Innovation: Overview

	METRICS	Year 1	Year 2
	6 Patents Awarded (over 3-year period)	1,007	1,010
➔	7 Number of Industry-related Grants and Contracts	4,646	4,695
➔	8 Industry-Related R&D Expenditures (\$ Millions)	\$192.5 M	\$188.4 M
	9 Number of Startups	54	43
➔	10 Number of National Academy of Inventors Fellows	63	65
➔	11 Number of I-Corps teams	38	40
	12 Number of Licenses and Options Executed	441	496

➔ Not included in strategic plan





# People: Overview

METRICS		Year 1	Year 2
13	Number of Undergraduate Students Engaged in Research	Under development	
➔ 14	Doctoral Degrees Awarded	4,260	4,305
➔ 15	Number of Postdoctoral Appointees	1,475	1,509
➔ 16	National Academy Members (NAS, NAE, NAM)	58	63

➔ Not included in strategic plan



# Return on Investment: Overview

	METRICS	Year 1	Year 2
➔ 17	Total number of jobs supported from external funding	<b>18,920</b>	<b>20,100</b>
➔ 18	Economic Impact of State Funding (\$ Million)	<b>\$636.5 M</b>	<b>\$763.5 M</b>
➔ 19	Economic Impact of Federal Funding (\$ Billion)	<b>\$2.84 B</b>	<b>\$3.06 B</b>

➔ Not included in strategic plan



# Research Dashboard: Key Takeaways



The system continues to increase research expenditures; federal expenditures **grew by 15%**



SUS institutions collaborated across the system on **120 federal awards**



Return on investment in research continues to increase, **producing gains** in the amount of **economic impact & number of jobs**



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