



Research & Innovation Dashboard Update

Emily Sikes, Interim Vice Chancellor for Academic and Student Affairs

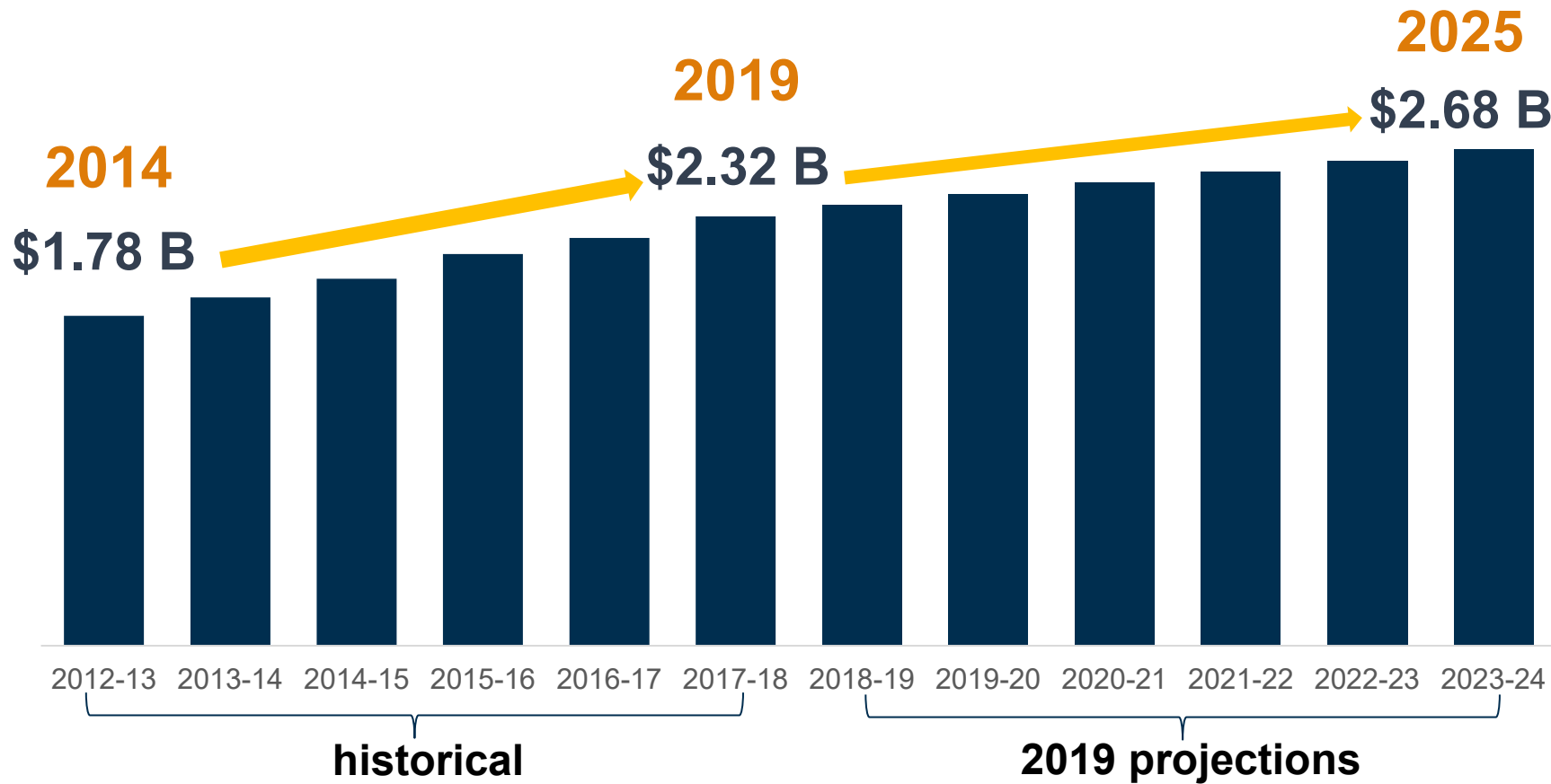
March 26, 2024

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Better Together.
Together, WE ARE #1.

History of \$3 Billion Research Goal

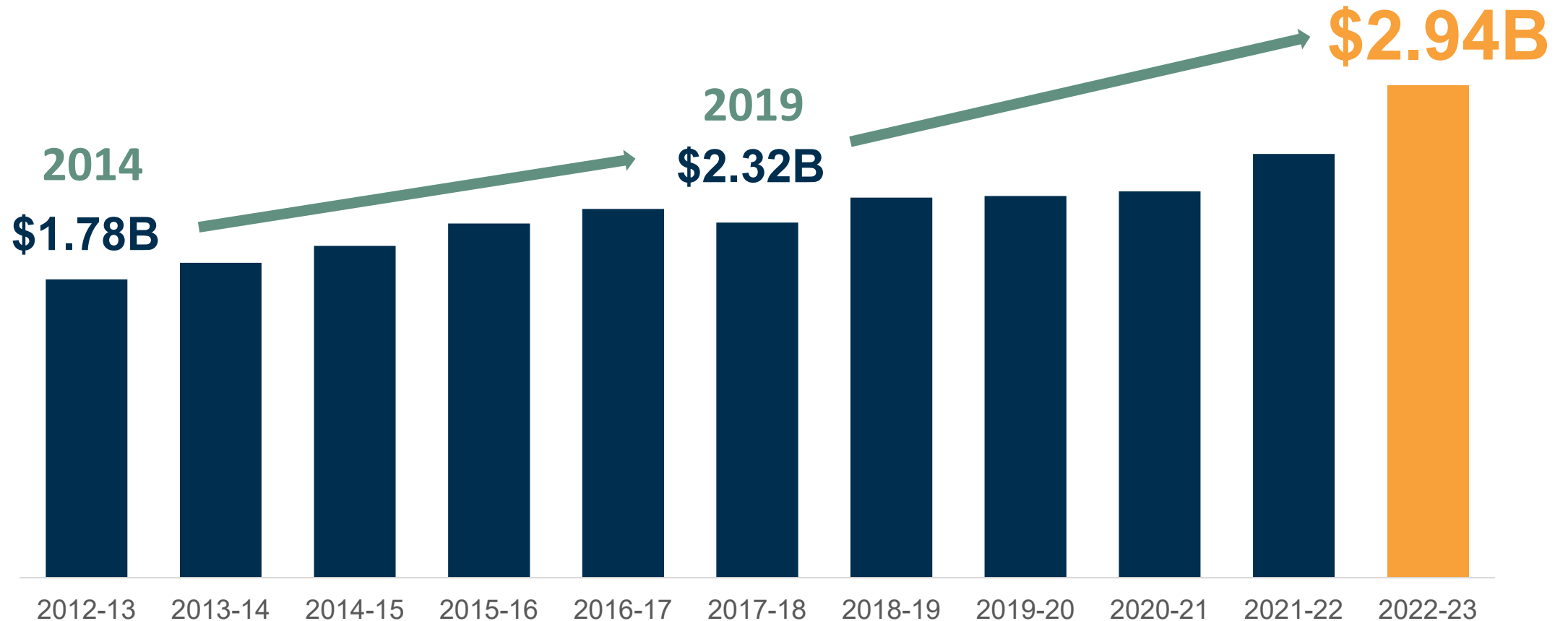


In 2019, System research expenditures were projected to be at **\$2.68B by 2025**

Raising the Bar on Research



The System will **exceed** the **\$3B** goal for research by 2025



How did the System Improve by \$400 Million?



Continued support by Governor DeSantis & the Florida Legislature so that state universities can **recruit & retain high-quality faculty**



Continued focus by the Board on **elevating research**



World-class faculty winning competitive federal awards



State universities **working together** to secure research grants

Large 1-Year Research Gains Across the System



\$404 M

Gain in Research Expenditures for the System in 1-year

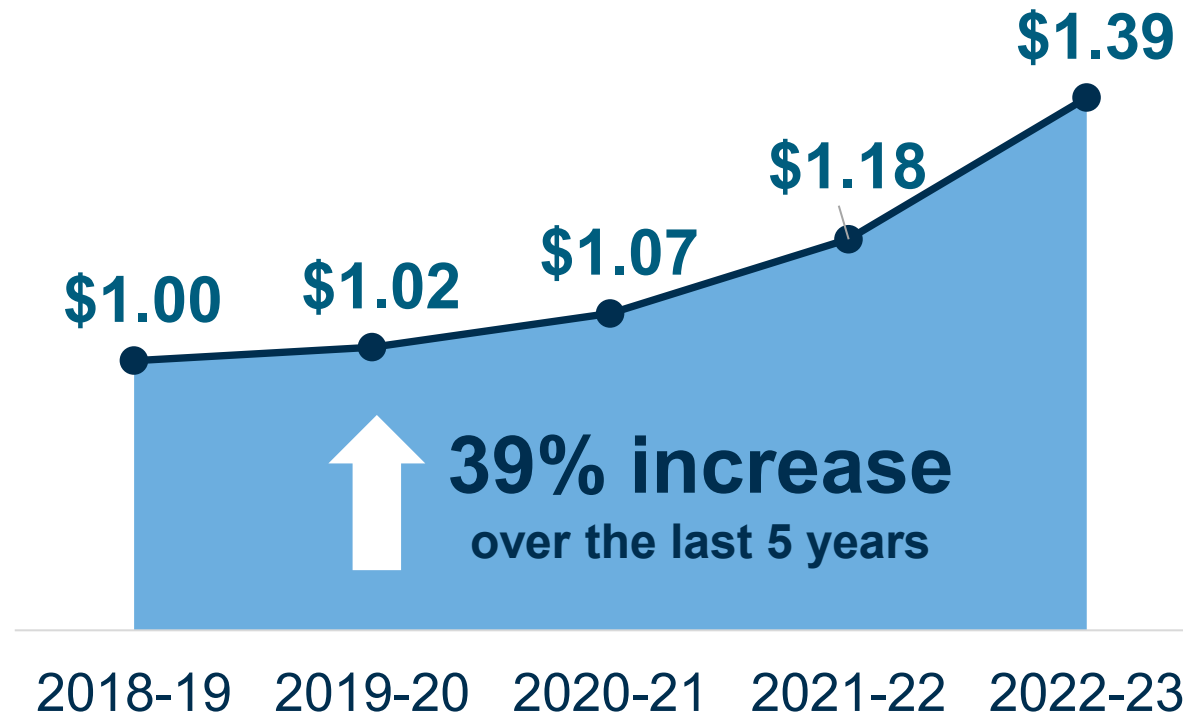
1-yr gain

UF	\$164 M
FSU	\$58 M
USF	\$56 M
FIU	\$35 M
UCF	\$32 M
FAU	\$16 M
FAMU	\$15 M
FGCU	\$15 M
UNF	\$7 M
UWF	\$1 M
Poly	\$0.7 M

University Faculty Securing Competitive Federal Research Awards



SUS Federal Research Expenditures in billions



Working Together to Secure Research Funding



**Research Collaborations Across the System Have
Increased 77%**

120

2019



213

2023

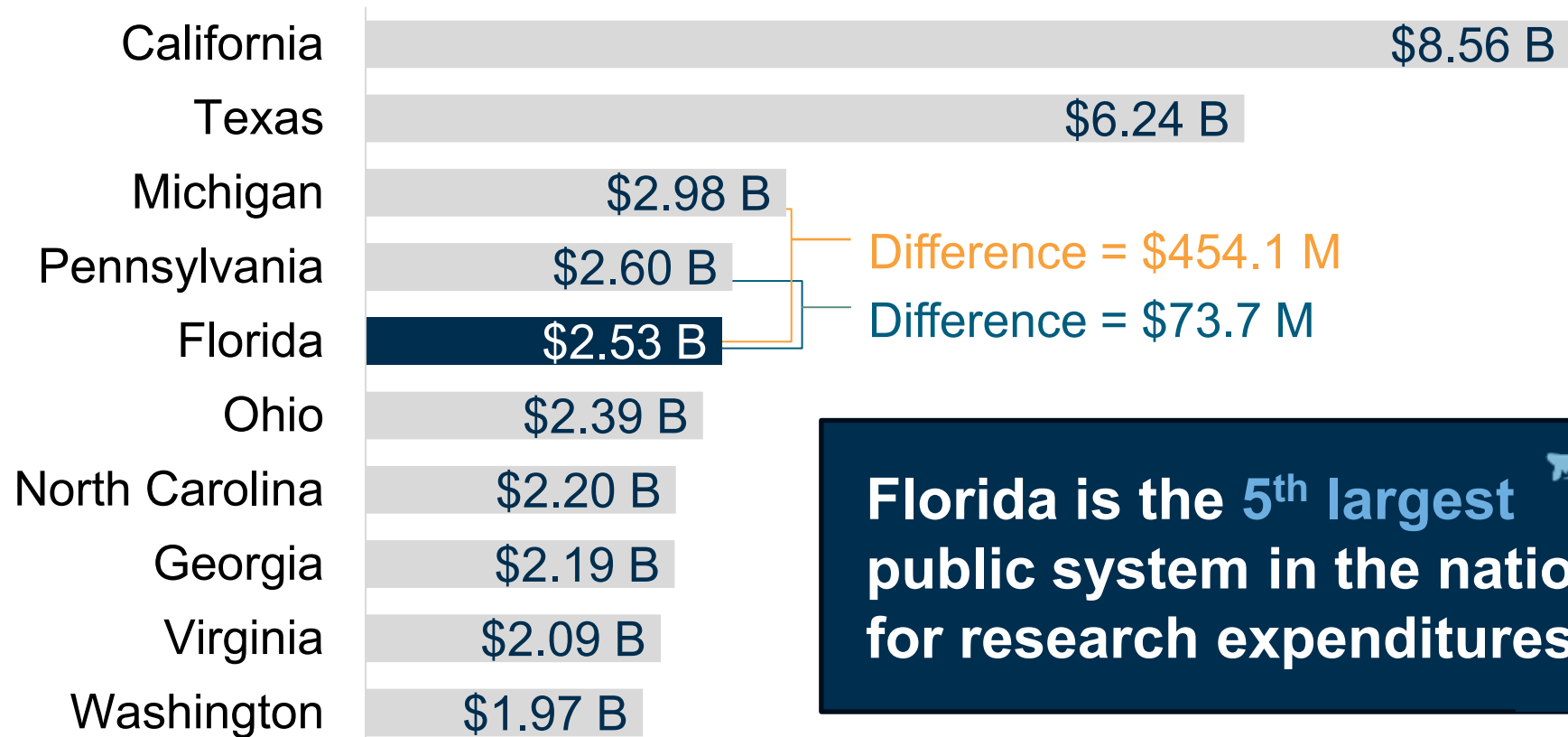


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Top Ten Public Higher Education Systems for Research Expenditures



FY 2022



Florida is the **5th** largest public system in the nation for research expenditures



Research Success in the Last Year



UF

A treatment for pancreatic cancer to inhibit tumor development and increase patient survival rates



**UNIVERSITY OF
CENTRAL FLORIDA**

UCF researchers are leading a \$35 million NASA mission to explore the moon's Gruithuisen Domes, which could provide resources that support long-term exploration of the moon and space economy



FSU professor finds potential new tool for early identification of dementia risk



**UNIVERSITY of
SOUTH FLORIDA**

Stroke therapy shoe invented at USF to empower patients and help improve their walking ability

Research Success in the Last Year



FGCU's Water School analyzes how waves caused by storms impact the Shoreline and what can be done to prevent further damage



Researchers at UWF developed an innovative system for charging batteries that uses soldiers' movements while walking

FAU researchers develop first-of-its-kind robotic glove that uses artificial intelligence to improve hand dexterity



Research Success in the Last Year



FIU

Restoring the Everglades to ensure protection of South Florida's freshwater ecosystem



UNF School of Engineering collaborates with Johnson & Johnson MedTech to expand advanced manufacturing



**FAMU-FSU
College of Engineering**

FAMU-FSU researchers use infrastructure and more than seven decades of weather data to determine where tornadoes will be most disruptive

Innovation



**The System ranked
2nd in the world
in patents awarded
in 2023**



- 1 University of California System
- 2 State University System of Florida
- 3 University of Texas System
- 4 King Fahd University of Petroleum and Minerals
- 5 Stanford University
- 6 Purdue University
- 7 Harvard University
- 8 Zhejiang University
- 9 Arizona State University
- 10 California Institute of Technology

Return on Investment



Total Number of Jobs Supported by External Funding

3,656 new jobs created

Economic Impact of State Funding

↑16% to \$1 Billion

Economic Impact of Federal Funding

↑\$660 million

Key Takeaways





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