



# BOARD *of* GOVERNORS

## State University System of Florida

### Health-related Research: A Survey of the State University System

Dr. R.E. LeMon, Associate Vice Chancellor

November 5, 2014

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



# Background and Purpose

The Health Initiatives Committee year-long three-pronged Environmental Scan:

1. Health Care Delivery
2. Health-related Research
3. Health Programs and Workforce Demand



# A Health-related Research Survey

A 15-question health-related research survey, developed with the assistance of the SUS Council of Research Vice Presidents, was administered to the universities in Summer 2014.

Questions addressed included:

- major areas of research
- funding
- personnel
- facilities
- technology transfer
- areas of collaborative research



# Magnitude of SUS Health-related Research

Summary of awards to SUS by the Department of Health and Human Services (2012-13) = \$431.3M

2014 SUS survey of total health-related federal research awards (2012-13) = \$592.3M

*Source: SUS Fact Book; 2014 Health-related Research Survey*



# Magnitude of SUS Health-related Research

## Summary of Total Health-related Dollars Awarded By Federal Sponsoring Agencies for Fiscal Year 2012-13

Institution	Health-related Dollars Awarded	Health-related Dollars as a % of Total Dollars Awarded per Institution
USF	\$284,773,000	69%
UF	\$207,000,000	52%
FSU	\$40,887,000	21%
FIU	\$30,119,000	30%
UCF	\$12,346,000	30%
FAMU	\$8,641,000	21%
FAU	\$5,783,000	26%
UWF	\$2,167,000	9%
FGCU	\$442,000	4%
UNF	\$92,000	1%
NCF	\$0	0%
<b>Total</b>	<b>\$592,250,000</b>	

*Source: Board of Governors 2014 Health-related Research Survey of SUS Institutions. Dollars are rounded to the nearest thousand. Percentages rounded to the nearest whole number.*



# A National Comparison

## 2011-12 Top 10 Medical Sciences R&D Expenditures for Public Four-year Institutions

Rank	State	2012 Total R&D Medical Sciences Expenditures (in \$1,000s)
1	California	\$2,730,721
2	Texas	\$1,090,922
3	Pennsylvania	\$695,422
4	Michigan	\$610,458
5	Ohio	\$581,711
6	<b>Florida</b>	\$454,425
7	Colorado	\$442,576
8	Washington	\$429,213
9	Wisconsin	\$420,527
10	Minnesota	\$392,596

Source: Board staff analysis of National Science Foundation research expenditure data available at WebCaspar website (<https://ncesdata.nsf.gov/webcaspar/>.)



## Survey Results: Faculty, Facilities, Funding

SUS institutions cited a need for recruiting and retaining faculty.

All SUS institutions cited facilities needs, ranging from \$600M to \$1M.

Institutions reported that obtaining grants was becoming more and more competitive.



# Results: Collaborative & Translational Research

All SUS institutions are currently collaborating with one another.

SUS institutions expressed a willingness to collaborate further in areas of unaddressed research.

All institutions are conducting Translational Research.





# Priority Areas of Research

Priority research included aging research, emerging pathogens, autism, neuroscience, diabetes, cancer therapeutics, obesity and chronic disease, Dengue Virus research, cardiovascular diseases, personalized medicine, and HIV/AIDS.



# Areas for Collaboration

SUS institutions have been exploring a shared/collaborative IRB process.

A statewide data repository would allow Florida to compete for major new funding initiatives.



# Implications and Opportunities

SUS institutions are open to seeking federal funding together.

SUS institutions are open to collaborating in needed research.

State of Florida Centers may be appropriate to explore in critical areas.



# BOARD *of* GOVERNORS

## State University System of Florida

*www.flbog.edu*