

Florida's Path to Excellence

*University Research
and the Florida
Board of Governors*

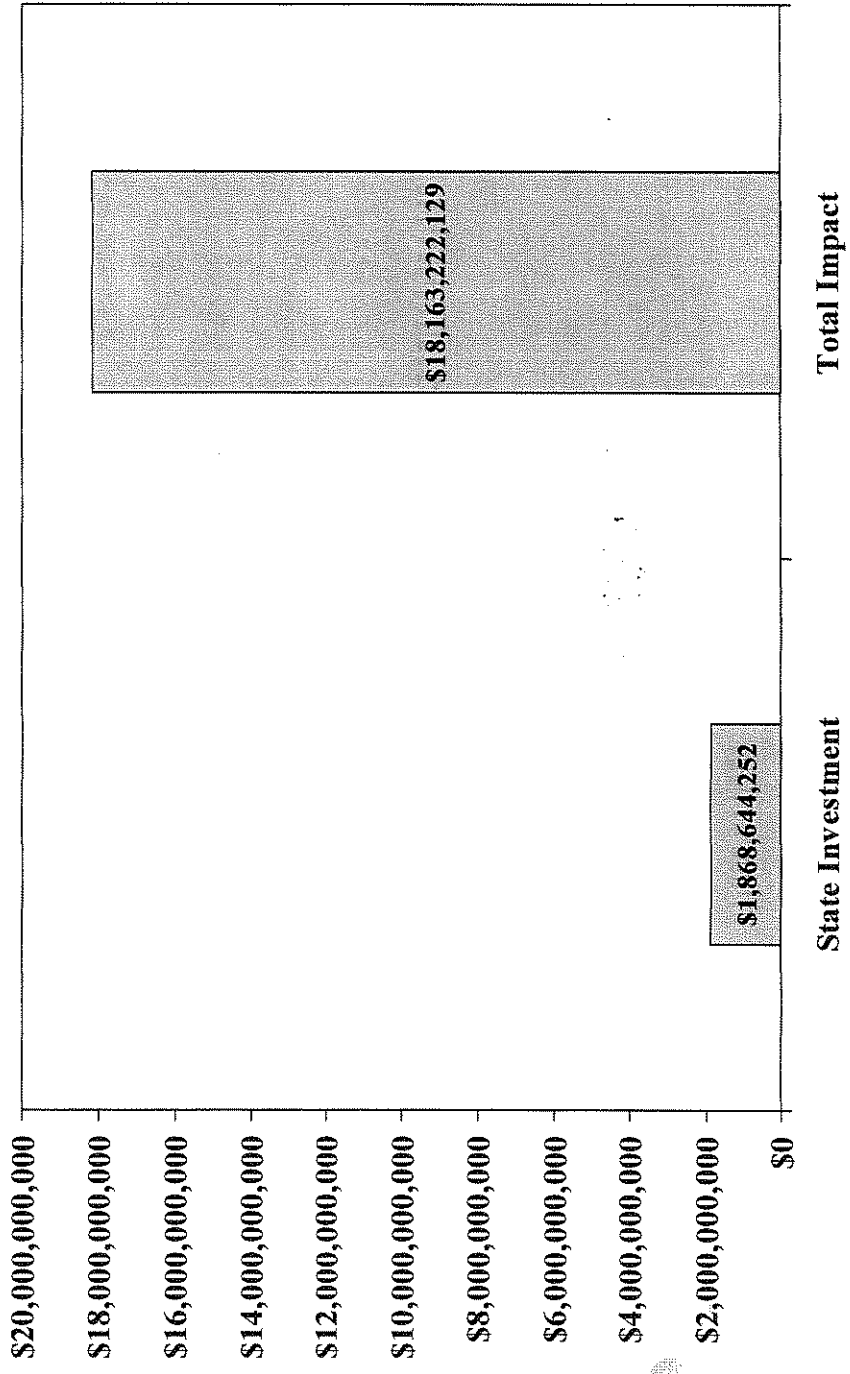
Office of Research & Economic Development
December 2003

Universities: Critical to the State's Economy

“An estimated \$3.43 billion was spent in Florida by the university and its related organizations, employees, students, and visitors during 2001-02 . . . This total impact is more than seven times the state investment of \$498 million for 2001-02.”

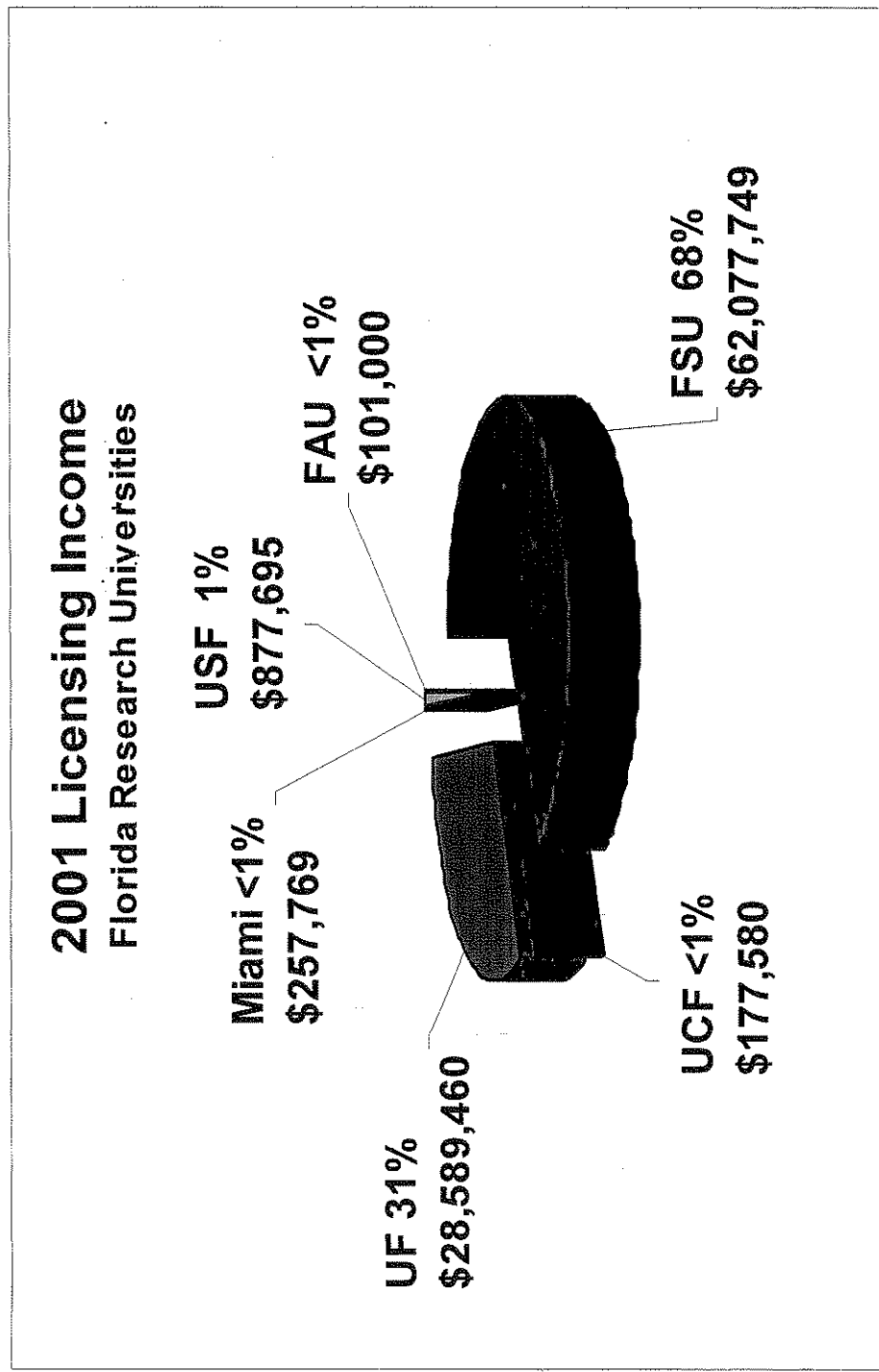
*“The Economic Impact of the University of
Florida on the State of Florida”
Office of the Provost*

Florida's universities stimulate the economy . . .



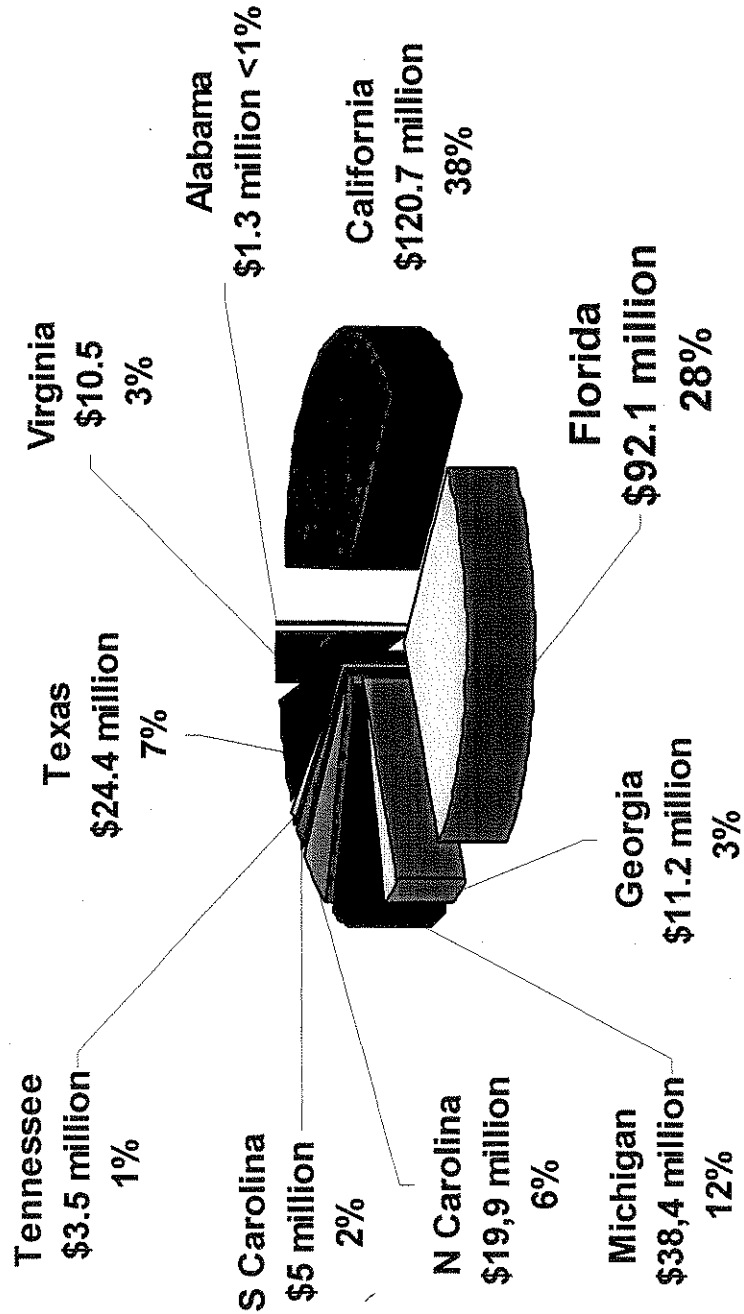
An estimated \$1.9 billion operating dollars was appropriated for 2003-04. The SUS yields a return to the Florida economy of \$9.72 for every state taxpayer dollar invested. The total annual impact is \$18.2 billion.

Florida - Income from licenses and patents



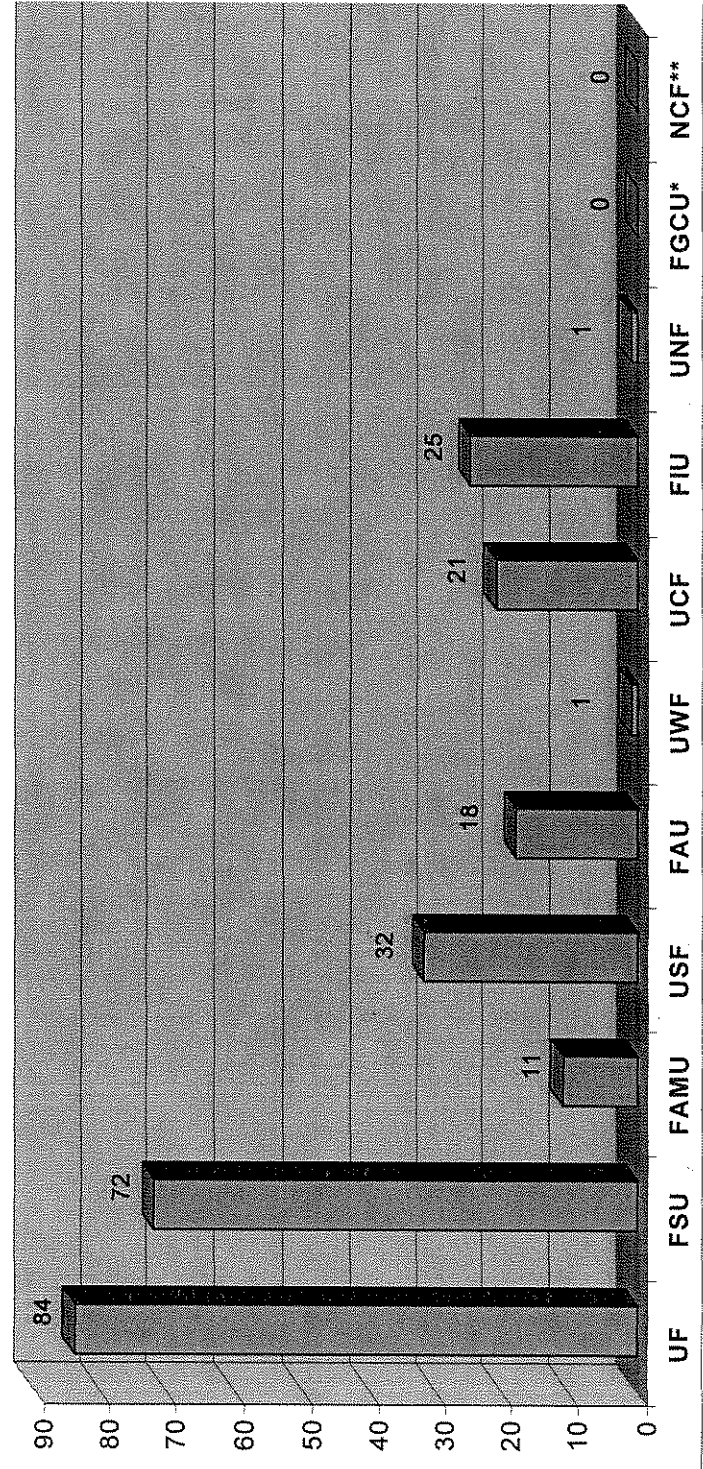
How Florida Compares . . .

Licensing Income in Comparison State Group

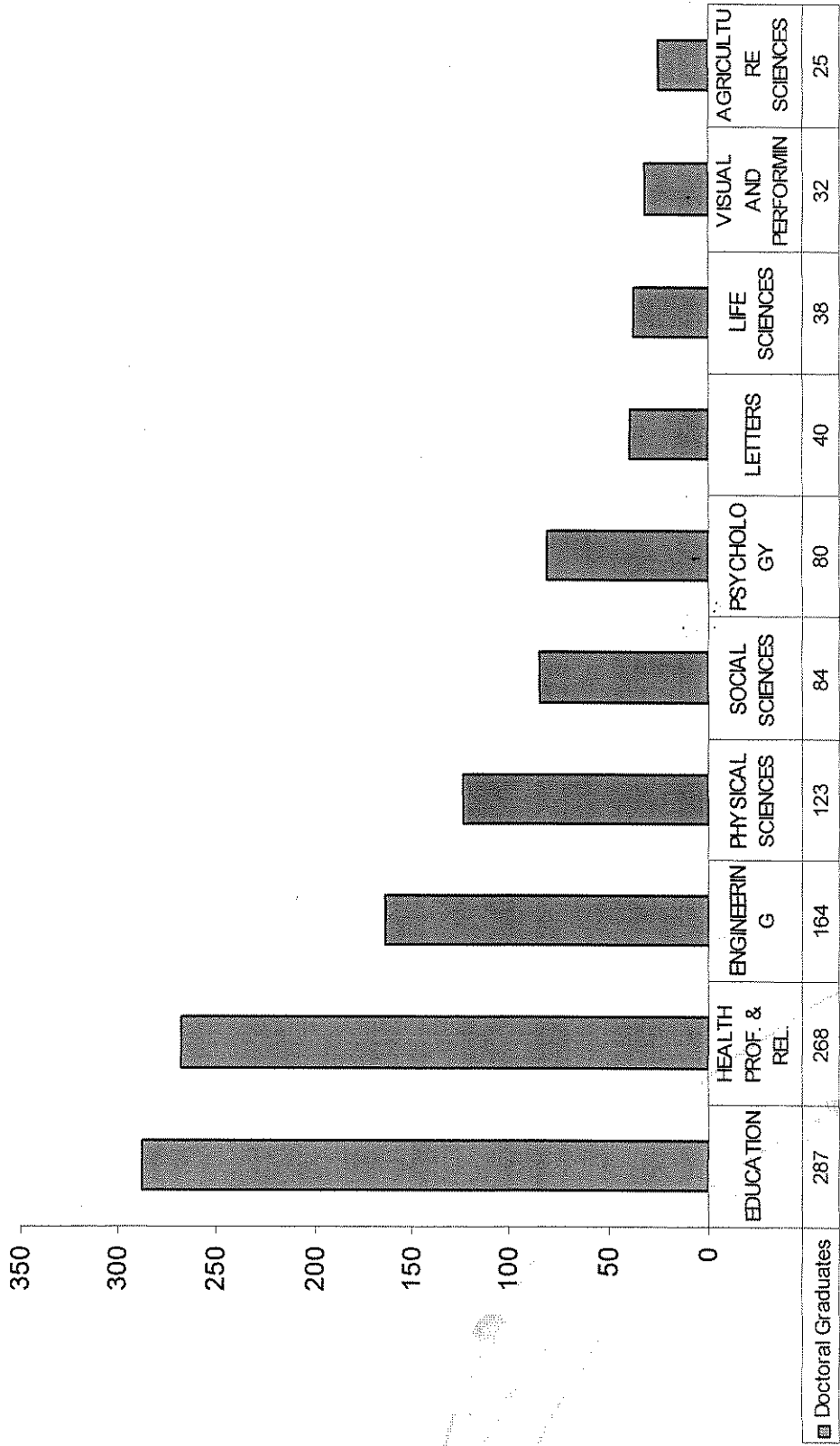


Distribution of Florida's Doctoral Programs

Number of Doctoral Programs
By University



Doctoral Graduates by Discipline



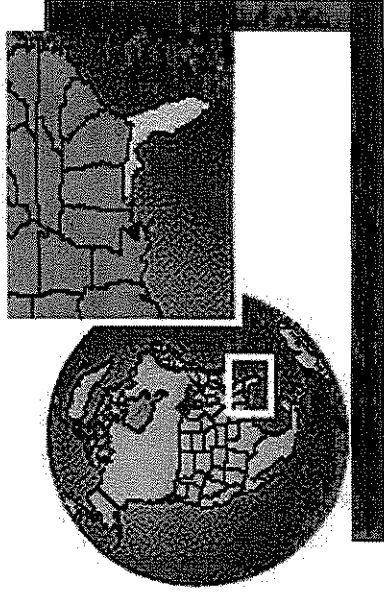
* Preliminary data as of July, 2003.

Top 10 Institutions in Total Research Expenditures

	Rsch Exp. (Mill.)	Research Exp. per FTE Student	Rsch Exp. (Mill.)	Research Exp. per FTE Student
TOP 10 PUBLICS			FLORIDA	
U OF WISCONSIN-MADISON	\$ 523	\$ 20,930	U OF FLORIDA	\$ 333
U OF CALIFORNIA-LOS ANGELES	\$ 476	\$ 12,623	U OF SOUTH FLORIDA	\$ 138
U OF WASHINGTON	\$ 462	\$ 10,908	FLORIDA STATE	\$ 74
U OF MICHIGAN-ANN ARBOR	\$ 441	\$ 14,831	FLORIDA INTERNATIONAL	\$ 58
U OF CALIFORNIA-SAN DIEGO	\$ 407	\$ 16,859	U OF CENTRAL FLORIDA	\$ 58
U OF MINNESOTA-TWIN CITIES	\$ 389	\$ 11,829	FLORIDA A&M	\$ 23
U OF PITTSBURGH-MAIN	\$ 344	\$ 17,258	FLORIDA ATLANTIC	\$ 21
U OF CALIFORNIA-BERKELEY	\$ 343	\$ 14,404	U OF WEST FLORIDA	\$ 11
U OF FLORIDA	\$ 333	\$ 9,861	U OF NORTH FLORIDA	\$ 4
U OF CALIFORNIA-DAVIS	\$ 308	\$ 10,697	FLORIDA GULF COAST	\$ 1
AVERAGE OF TOP 10	\$ 403	\$ 14,020	NEW COLLEGE OF FLORIDA	\$ 0
				\$ 301

Notes: IPEDS, 2001-2002 Data. Top 10 Among Public, Research-Extensive Universities. Undergraduate FTE = 40 Credits. Graduate FTE = 30 Credits.

Setting the Scene



National public opinion

versus

What Floridians think about the role of universities



Nationally

The Chronicle Survey indicates. . .

“Given a list of 21 possible roles that colleges should play, respondents placed in the bottom half such things as conducting research to make American businesses more competitive and helping local businesses be successful.”

Survey of Public Opinion on Higher Education
Chronicle of Higher Education
May 2003

Chronicle Survey Results

More Important

Prepare its undergraduate students for a career.

71%

Provide education to adults so they qualify for better jobs.

65%

Help elementary and high schools do a better job teaching children.

63%

Offer a broad-based general education to undergraduate students.

65%

Less Important

Discover more about the world through research.

56%

Conduct research that will make American businesses more competitive.

42%

Help attract new business to the region.

39%

Help local businesses and industries in the region be successful.

36%

One Chancellor's Analysis of the survey. . .

- The survey's respondents seem to hold an outdated view of public colleges as ivory towers whose main purposes are to help individuals meet their goals and to prepare students for jobs.
- Institutions must begin to assume a broader role in helping states expand their economies, which are increasingly dependent on knowledge and technological advances.

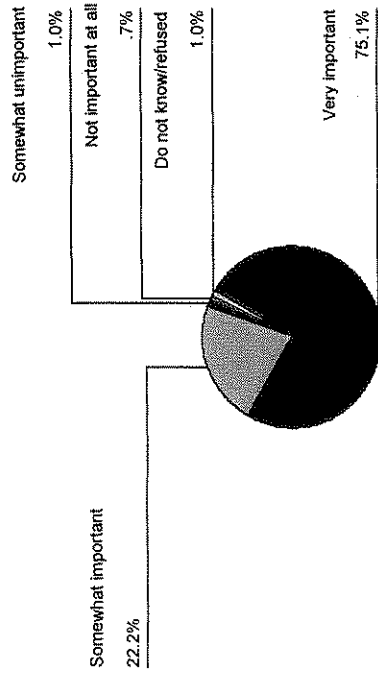
Roderick G.W. Chu

Chancellor, Ohio Board of Regents

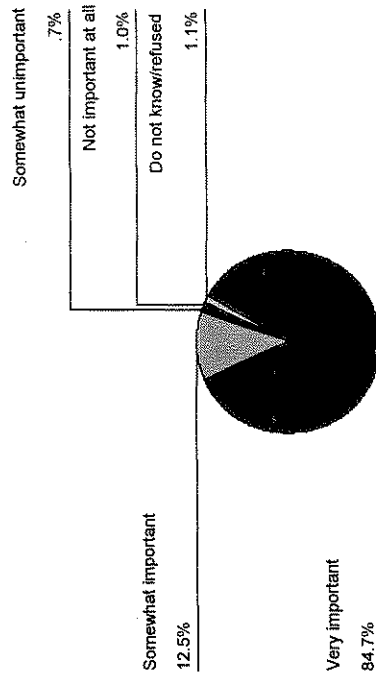
Quoted in the Chronicle of Higher Education

SUPA study results indicate Floridians see the importance of research a little differently . . .

How important are universities to a well-trained workforce in Florida? (Q13)

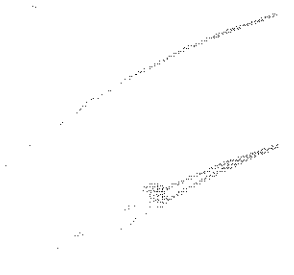
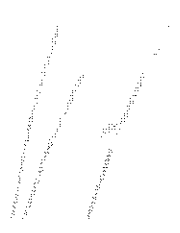


How important are universities to enhancing research and technology? (Q14)



Florida Bucks the Trend

- SUPA study – support for research
- Leadership – the Governor’s impact
 - Centers of Excellence
 - Scripps Florida
- Bi-partisan support from Legislature
- Board of Governors



Florida Atlantic University

Center of Excellence in
Biomedical and Marine Biotechnology

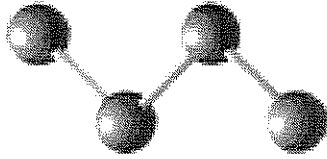
University of Central Florida

Florida Photonics Center of Excellence

University of Florida

Center of Excellence in Regenerative Health Biotechnology

Scripps Florida - shaping our economic future



THE
SCRIPPS
RESEARCH
INSTITUTE

“Today is a defining moment in Florida’s future, and I thank the Legislature for daring to dream big, and for sharing a vision for a new Florida. The opportunity Scripps brings to our state is unparalleled, and the Scripps partnership is unprecedented.

*Governor Jeb Bush
November 3, 2003*

Legislature's investment in research
\$340 million

Spring 2002

**\$30 million
for Centers
of Excellence**



Fall 2003

**\$310 million
earmarked for
Scripps Florida**

How other states are funding research

State	Program Name	Funding Amount	Status	Multi-Year?	University Research Component
Arizona	<u>Arizona BOR Tech and Research Initiative Fund</u>	\$50,000,000	In Place	Yes	100%
Arizona	<u>Research Facilities Bond Issue</u>	\$440,000,000	In Place	No	100%
Indiana	<u>Energize Indiana</u>	\$1,250,000,000	In Place	Yes	40%
Michigan	<u>Life Sciences Corridor</u>	\$1,000,000,000	In Place	Yes	90%
Kentucky	<u>Bucks For Brains</u>	\$230,000,000	In Place	Yes	100%
Ohio	<u>The Third Frontier</u>	\$1,600,000,000	Voters Rejected \$500 million	Yes	> 70% (Est.)
Illinois	<u>Venture Tech</u>	\$1,900,000,000	In Place	Yes	>20%
Iowa	<u>Iowa Values Fund</u>	\$500,000,000	In Place	Yes	5%
Texas	<u>Texas Enterprise Fund</u>	\$295,000,000	In Place	No	>15% (Est.)
Maine	<u>Governor's Budget</u>	\$60,000,000	In Place	No	>70%

Figures courtesy Florida Research Consortium

Board of Governors

POTENTIAL LEADERSHIP ROLES

- Modify public perception
- Advocate for research
- Facilitate among institutions
- Set priorities for the future