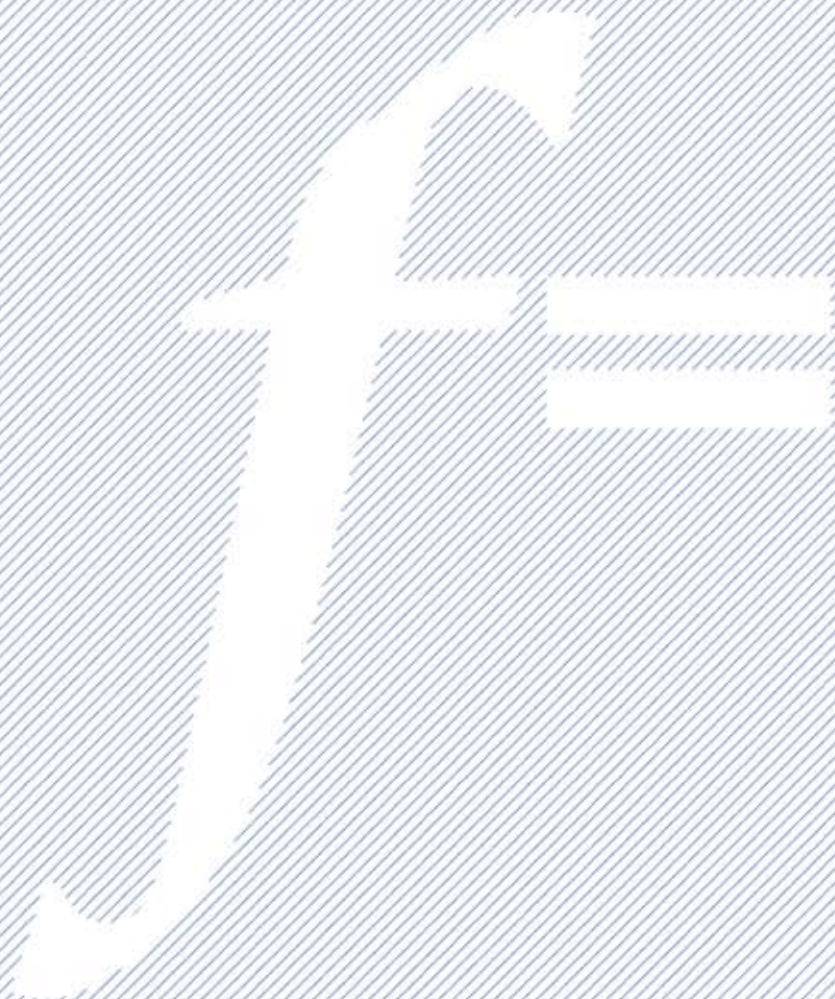


# 2010

Office of Research

| **Formula for Success**

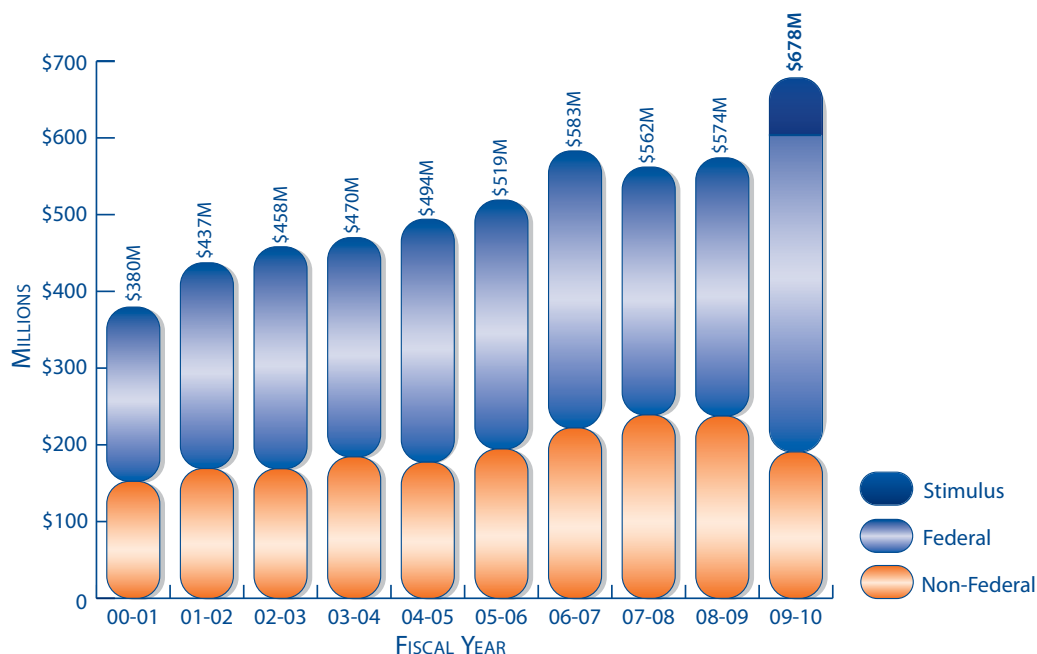
**Annual Report**



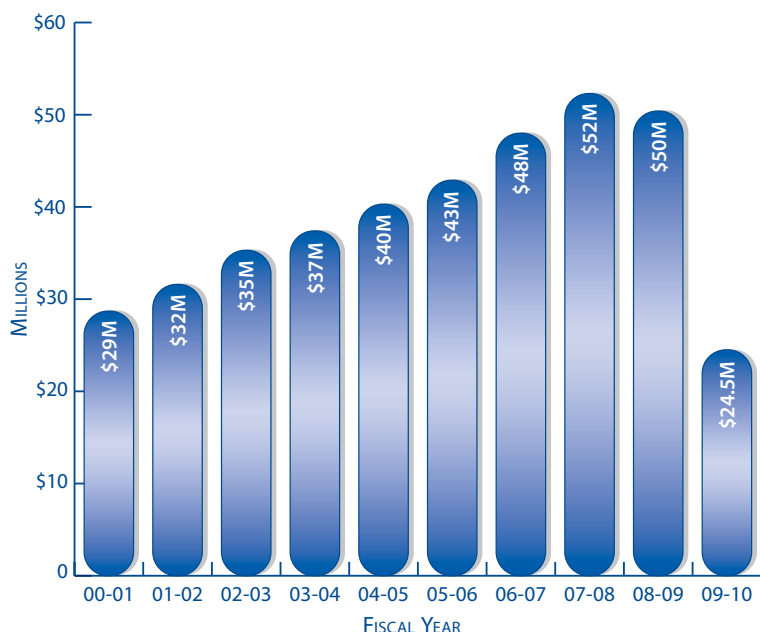
## Summary of Sponsored Research Activity 2010

Proposals Submitted	5,645
Awards Received	6,549
New Awards Received	2,838
Continuations or Supplementals	3,711
Grant and Contract Dollars Awarded	\$657,653,829
Gifts for Research	\$20,572,678
Total Sponsored Research Funding	\$678,226,507
Projects Active During the Fiscal Year	7,152
Faculty Receiving Awards	1,704
Sponsors	994

## Sponsored Research Awards 2001 – 2010



## Technology Transfer Income 2001 – 2010



\* Trusopt Patent expired in 2008.

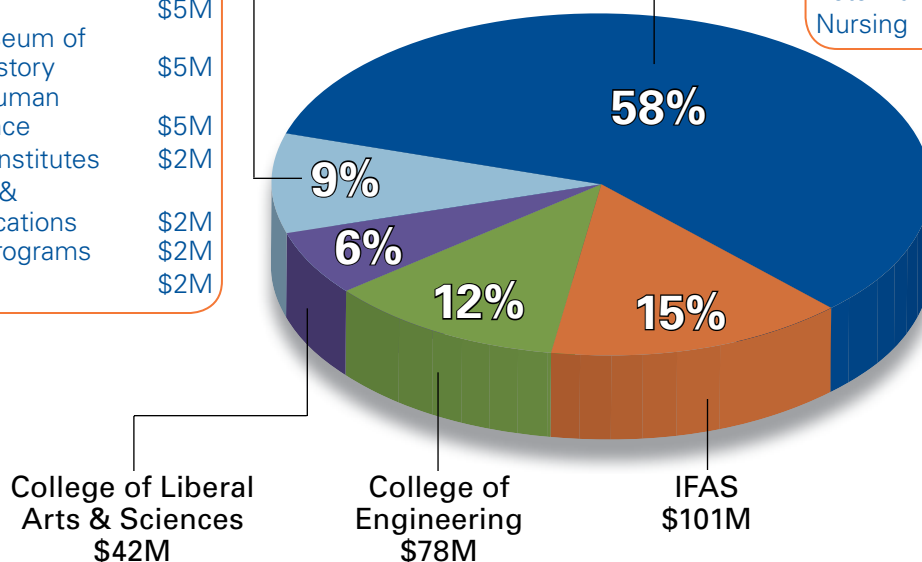


### All Other Academic Units Total \$63M

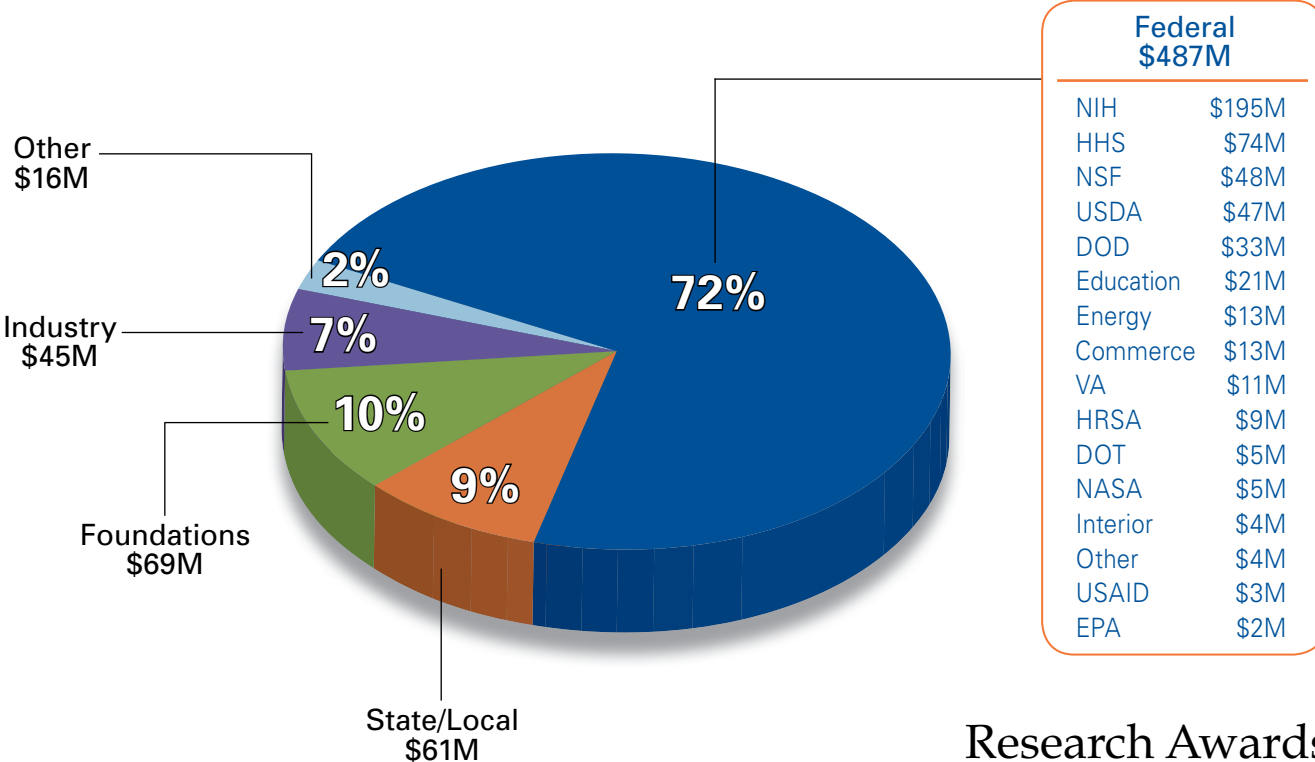
Education	\$14M
Office of Research	\$14M
Academic Affairs	\$7M
Business Administration	\$5M
Design, Construction & Planning	\$5M
Florida Museum of Natural History	\$5M
Health & Human Performance	\$5M
Centers & Institutes	\$2M
Journalism & Communications	\$2M
Graduate Programs	\$2M
Other	\$2M

### Health Science Center \$394M

Medicine	\$335M
Dentistry	\$18.5M
Public Health	\$18.5M
Pharmacy	\$11M
Veterinary Medicine	\$9M
Nursing	\$2M



## Research Awards by Academic Unit 2010



## Research Awards by Sponsor 2010



DR. WIN PHILLIPS, VICE PRESIDENT FOR RESEARCH



## OFFICE OF RESEARCH

Over the past decade, the University of Florida has moved into the top tier of research universities using a formula for success that provides world-class faculty from many disciplines with state-of-the-art tools to produce groundbreaking research and useful new products.

During fiscal year 2009-2010, these faculty produced nearly 6,000 research proposals that resulted in more than 2,800 new awards supported by a record \$678 million in public and private funding.

To maintain this growth, the university creates an environment in which our faculty can succeed by facilitating the pursuit and management of research contracts and grants; providing the facilities needed to pursue new discoveries; and promoting transfer of the university's intellectual property to the marketplace.

As we move into an era when the demand for interdisciplinary science grows ever more important, the University of Florida is particularly well positioned to continue its growth into a national research powerhouse. Virtually nowhere else in the country can scientists from so many diverse disciplines collaborate in such a seamless environment. From medicine to agriculture, engineering to art, UF has it all on one campus.

Our faculty are leading the way in developing treatments for genetic diseases and identifying emerging pathogens before they reach our shores. They are training the next generation of K-12 teachers and helping the Baby Boomers stay active.

We pursue research across the spectrum, from gaining an understanding about the nature of the universe to developing a new drug to treat a specific disease. For the most commercially promising research, we seek partners who can help us move it quickly into the marketplace. In the last decade we have created more than 100 new companies which employ more than a thousand people.

We have the people and the resources to continue our ascendancy into the top tier of universities, nationally and internationally. We invite you to join us on this journey.

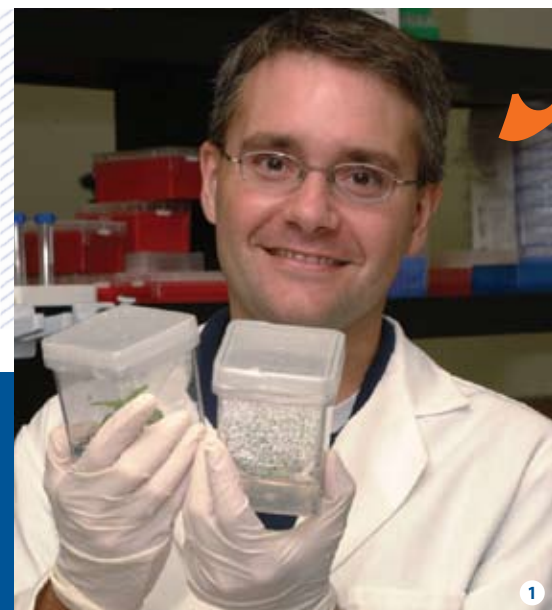
*Win Phillips*

UF is W





# World-Class *f*aculty



1



2



4



5

④ The \$26 million **Clinical Translational Science Award** from NIH brings together researchers from a dozen colleges in efforts to speed the transformation of scientific discoveries into medical advances for patients.

③ **Developmental biologist Martin Cohn** was among only 50 researchers nationally to be named a Howard Hughes Medical Institute Early Career Scientist, an honor that includes more than \$1.5 million in research support. Cohn's interest in embryonic development and evolution led him to discover the molecular building blocks that shape appendages ranging from feet to flippers.

⑤ **Electrical engineering Professor Martin Uman** is leading a \$9.8 million project funded by the Defense Advanced Research Projects Agency (DARPA) to probe the basic science of lightning using rockets to trigger strikes. Among the things the grant will support is a camera capable of photographing triggered lightning at 3 million frames each second.

① **The U.S. Department of Energy awarded plant geneticist Matias Kirst** \$873,000 over five years to conduct a radically new genetic analysis of poplar trees — which may help harness the trees as a sustainable and economical fuel source. The grant is on top of an earlier \$643,000 grant. Kirst and his colleagues hope to create trees with qualities ideal for use as fuels such as cellulosic ethanol.

② With a \$64 million grant from the National Institutes of Health, **Dr. Marco Pahor and his colleagues at the UF Institute on Aging** are seeking to determine the role exercise and a healthy lifestyle play in mobility of older Americans.

# UF is High-Tech *f*acilities



*Biomedical Sciences Building*





## State-of-the-art

laboratories, animal care facilities and equipment are vital to the success of our scientists. Over the past decade the university has invested more than \$400 million in nearly 900,000 square feet of new scientific infrastructure.



*UF Academic and Research Center at Lake Nona (rendering)*



*Innovation Hub (rendering)*

*Innovation Square (rendering)*



**UF** is our economy's **f**uture

**Products like Gatorade** and Trusopt illustrate the value of moving our research from the laboratory to the marketplace. UF's technology transfer experts work closely with inventors and entrepreneurs to commercialize ideas, create companies and contribute to the new Florida economy.



OFFICE OF RESEARCH

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