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RESEARCH REPORTS



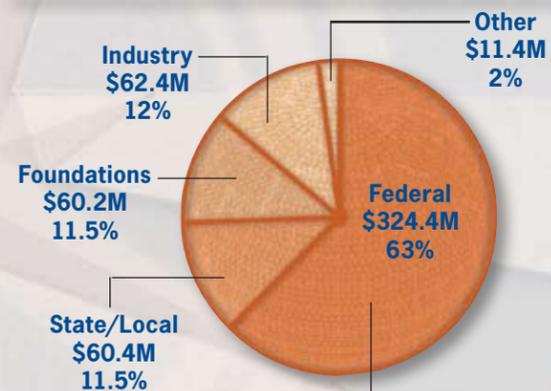
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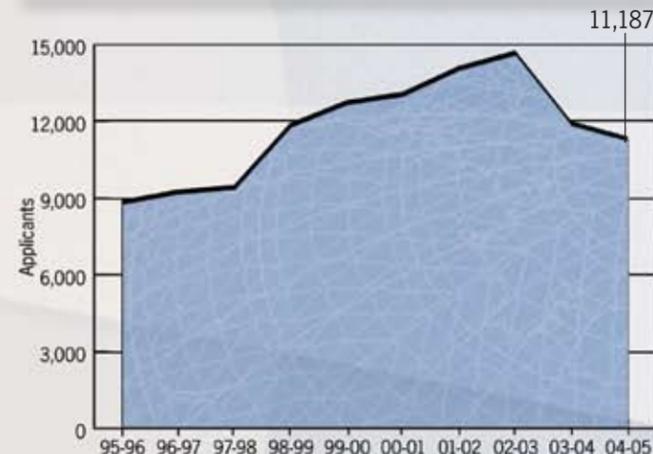
### Summary of Sponsored Research Activity

Proposals Submitted	4,592
Awards Received	5,932
New Awards Received	2,218
Continuations or Supplementals	3,714
Grant and Contract Dollars Awarded	\$500,010,976
Gifts for Research	\$18,765,148
Total Sponsored Research Funding	\$518,776,124
Projects Active During the Fiscal Year	6,170
Faculty Receiving Awards	1,889
Sponsors	926

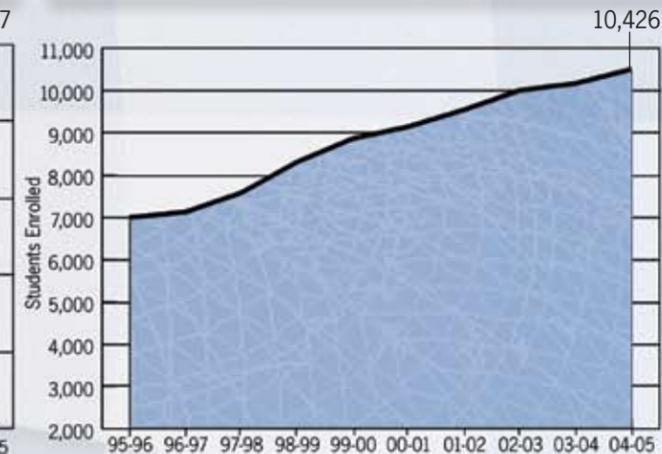
### Research Awards by Sponsor



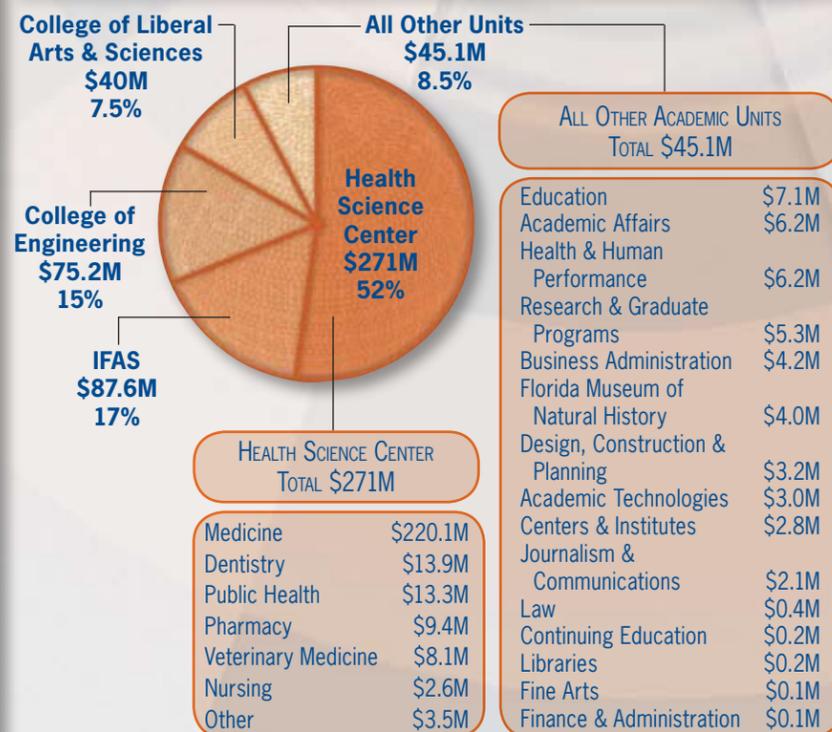
### Graduate Applicants 1996–2005



### Graduate Enrollment 1996–2005



### Research Awards by Academic Unit



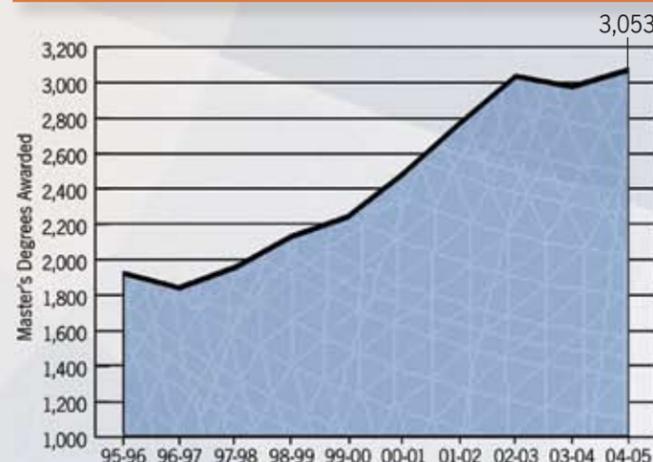
### FEDERAL AWARDS BY AGENCY TOTAL \$324.4M

NIH	\$143.8M	VA	\$8.8M
NSF	\$39.6M	HRSA	\$7.8M
USDA	\$33.3M	Commerce	\$5.0M
DOD	\$23.1M	Interior	\$3.6M
HHS	\$13.6M	DOT	\$3.1M
Education	\$12.2M	EPA	\$2.7M
NASA	\$11.3M	USAID	\$1.1M
Energy	\$10.1M	Other	\$5.3M

**“The University of Florida is an economic and intellectual force throughout the state. As Florida’s land-grant university, UF is committed to serving all the state’s residents where they live.”**

**Dr. Win Phillips, D.Sc.**  
Vice President for Research

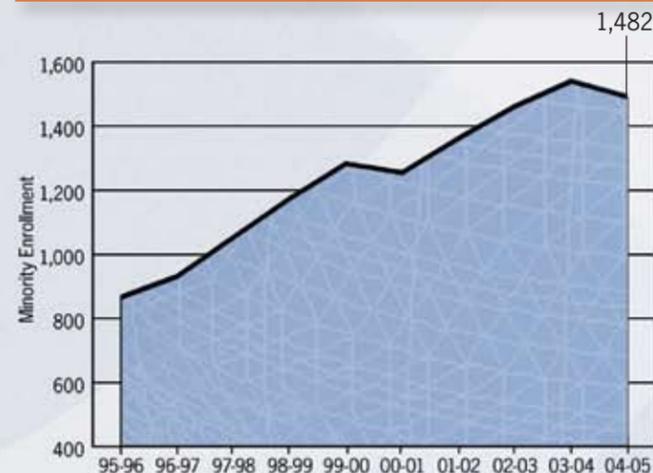
### Master’s Degrees Awarded 1996–2005



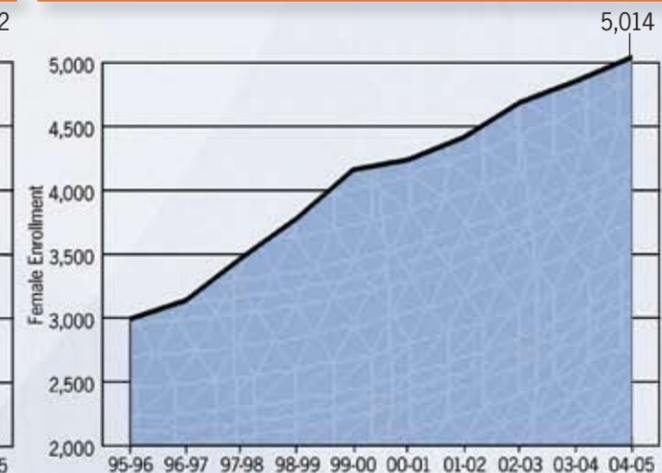
### Doctoral Degrees Awarded 1996–2005



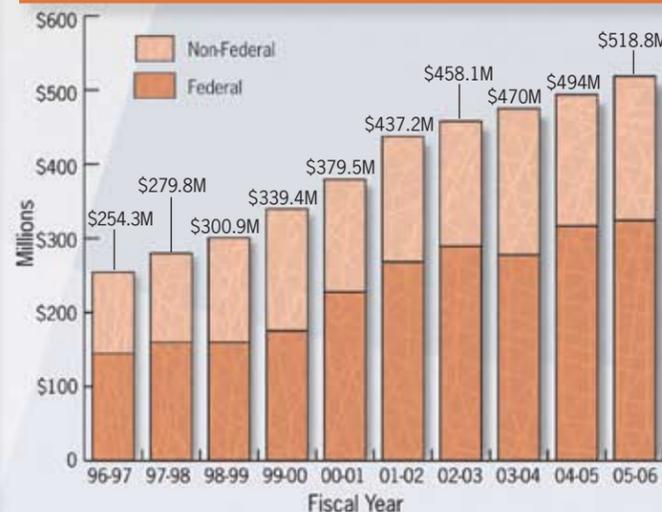
### Enrollment of Minorities 1996–2005



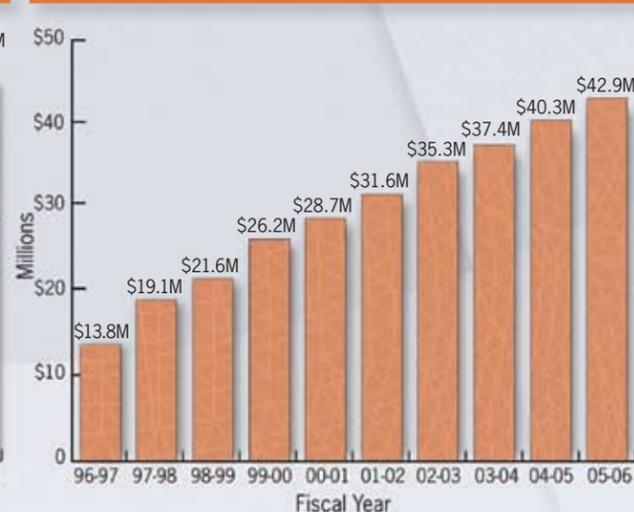
### Enrollment of Women 1996–2005



### Sponsored Research Awards 1997–2006



### Technology Transfer Income 1997–2006



**“UF graduate students come from every county in Florida and graduate alumni live and work throughout the state. Their research is vital to the economic and social interests of our state.”**

**Dr. Kenneth Gerhardt, Ph.D.**  
Interim Dean of the Graduate School

The University of Florida is in Gainesville, but UF research extends from Pensacola to Key West.

Although UF is an internationally recognized institution, as Florida's land-grant university, it also has a mission and a commitment to serve the state's residents.

From agriculture to health care and engineering to education, University of Florida researchers seek a greater understanding of the physical, economic and social make-up of the Sunshine State.

During the 2005-06 fiscal year, UF passed half a billion dollars in research awards for the first time. More than half of that money goes to the six colleges of the UF Health Science Center, where thousands of doctors and scientists collaborate to create and refine cutting-edge medical treatments.

UF's Institute of Food and Agricultural Sciences received nearly \$90 million last year to support the state's \$9 billion agriculture industry. UF is a world leader in developing new ways of protecting crops from devastating diseases like citrus canker and in maximizing crop yield while minimizing environmental impact. IFAS operates 19 research and education centers throughout the state and extension offices in all 67 Florida counties.

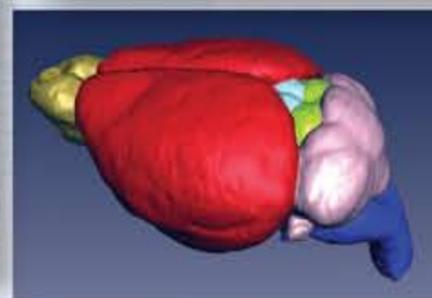
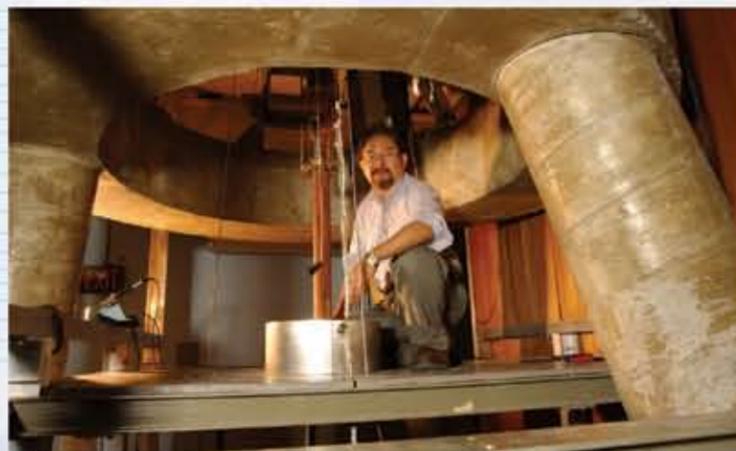
Researchers in the UF College of Engineering are pioneering new technologies to predict and track hurricanes and to make buildings more resistant to their wrath. In the College of Liberal Arts and Sciences, chemists, physicists and others conduct the basic research that enables more applied work in engineering and medicine. CLAS social scientists seek a better understanding of who we are as a society.

Through collaborations with organizations like the Scripps Research Institute and the Burnham Institute for Medical Research, UF is extending its reach even further. UF has numerous research agreements with Scripps and plans to build a 50,000-square-foot building in collaboration with the Burnham Institute at its new site in Orlando.

## ▶ National High Magnetic Field Laboratory

The National High Magnetic Field Laboratory is a joint project of the University of Florida, Florida State University and Los Alamos National Laboratory. In addition to active collaborations at the main laboratory in Tallahassee, UF is home to user facilities in magnetic resonance imaging (MRI) and experimental studies in high magnetic field/low temperature. MRI and spectroscopy capabilities of the NHMFL are located at UF in the Advanced Magnetic Resonance Imaging and Spectroscopy (AMRIS) facilities at the McKnight Brain Institute. The High B/T Facility housed within the UF Microkelvin Laboratory provides experimental capabilities for studies requiring temperatures just above absolute zero and fields up to 20 tesla. This facility gives physicists the reliability and precision needed for exploring phenomena at the lowest possible temperatures.

[www.phys.ufl.edu/research/nhmfl.html](http://www.phys.ufl.edu/research/nhmfl.html)



## ▶ Citrus Research and Education Center

The past century has seen the citrus industry grow from the fresh fruit packinghouses of early citrus pioneers to today's billion-dollar industry for processed juice and fresh fruit. At UF's Citrus Research and Education Center in Lake Alfred, scientists and engineers have made several key scientific discoveries and technological advancements that have been pivotal to the industry's development.

Established in 1917, today the center employs 250 people and is also home to the scientific research staff of the Florida Department of Citrus. It is the largest facility in the world devoted to a single commodity. Facilities include more than 225 acres of groves, greenhouses, a fresh fruit packinghouse, a juice processing pilot plant, laboratories and the largest citrus library in the world.

In addition to developing solutions for citrus diseases, researchers at the center have been pioneers in the development of frozen concentrate orange juice, mechanical hedging machines and irrigation and freeze-protection technologies.

[www.crec.ifas.ufl.edu](http://www.crec.ifas.ufl.edu)



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### ▶ Proton Therapy Institute

The University of Florida Proton Therapy Institute located at Shands Jacksonville is a 98,000-square-foot facility providing conventional radiation cancer treatment and proton therapy. At capacity, the facility can treat up to 200 patients. An additional area of research is being developed to improve proton therapy through new technology. Recent advances in the technology used to locate tumors and to calculate radiation dosages have opened the way to make proton therapy a viable treatment option for many kinds of cancer. These advances, combined with the expertise of faculty at the University of Florida College of Medicine, Department of Radiation Oncology, were the foundation for building the first proton therapy treatment facility in the southeast United States. UFPTI is one of only a handful of proton therapy facilities operating in the nation, and the only one in the Southeast.

[www.floridaproton.org](http://www.floridaproton.org)

### ▶ Genetics Institute

Living things come in all shapes and sizes, from bacteria to people. But no matter its form, life is written in characters from a single genetic code — a chemical alphabet that animates the simplest to the greatest of works.

Cracking the code is the key to ending human scourges such as cancer and improving the lives of people and animals. The endeavor connects the beginning of life on Earth to the leading edges of biology, biotechnology and ethics.

On a typical day at the new UF Cancer and Genetics Research Complex, scientists from disciplines as diverse as medicine and agriculture are likely to be searching for solutions to perplexing human health woes, analyzing ways to increase the yield of important crops or probing the structure of a plant that existed millions of years ago. The 280,000-square-foot, \$85 million structure is the largest research building in Florida.

[www.ufgi.ufl.edu](http://www.ufgi.ufl.edu)



### ▶ Florida Medical Entomology Laboratory

Just as scientists at the National Hurricane Center in Miami crunch terabytes of data to try to predict the number, severity and landfall of hurricanes, their counterparts at the Florida Medical Entomology Laboratory in Vero Beach are developing models to predict where and how bad the next mosquito-borne epidemic will be.

Established in 1956, FMEL became part of the University of Florida's Institute of Food and Agricultural Sciences in 1979. Its 38-acre campus includes several laboratories, dorms for visiting scientists and students, and a large screen room for mosquito experiments.

Inside these buildings and on the surrounding 291-acre preserve, scientists study four elements of mosquito-borne diseases — the mosquitoes, the animal hosts, the viruses and the weather.

[fmel.ifas.ufl.edu](http://fmel.ifas.ufl.edu)

