

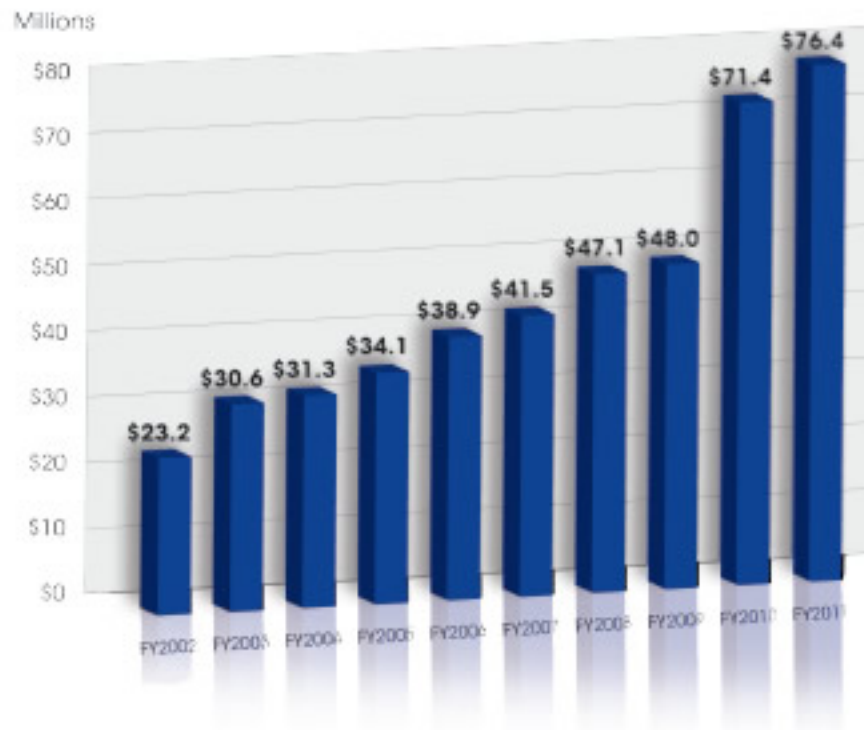


# RESEARCH BRIEF

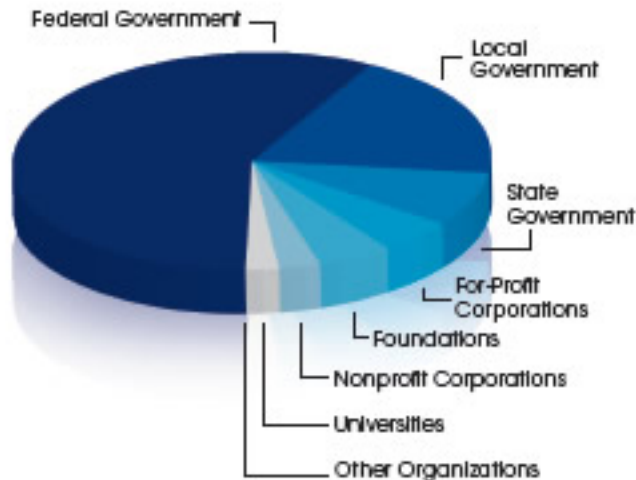
FISCAL YEAR 2011



## UNIVERSITY-WIDE SPONSORED FUNDING FY 2002–FY 2011

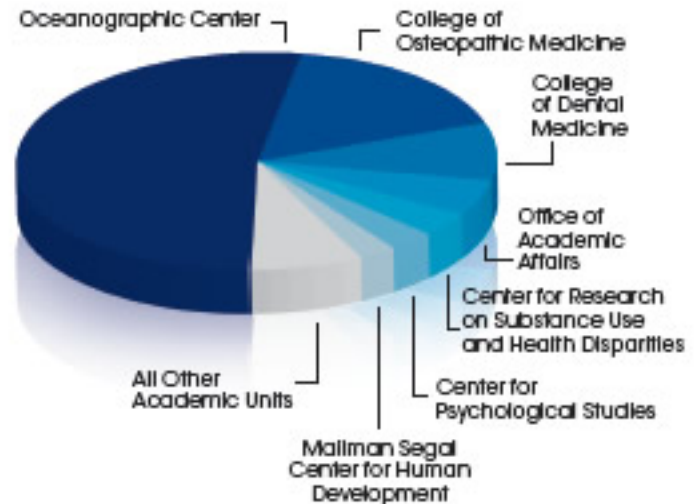


### EXTERNAL FUNDING SOURCES



Source	Awards
Federal Government	\$44,826,516
Local Government	\$14,462,981
State Government	\$6,290,348
For-Profit Corporations	\$3,958,549
Foundations	\$3,470,108
Nonprofit Corporations	\$1,994,848
Universities	\$1,264,000
Other Organizations	\$83,690
<b>Total</b>	<b>\$76,351,040</b>

### FY 2011 SPONSORED FUNDING BY UNIT



Unit	Funding
Oceanographic Center	\$39,843,314
College of Osteopathic Medicine	\$13,058,143
College of Dental Medicine	\$6,570,830
Office of Academic Affairs	\$3,992,200
Center for Research on Substance Use and Health Disparities	\$2,842,471
Center for Psychological Studies	\$2,494,060
Mallman Segal Center for Human Development	\$1,999,884
All Other Academic Units	\$5,550,138
<b>Total</b>	<b>\$76,351,040</b>

## SPONSORED FUNDING

The university's sponsored funding for research, community service, and teaching/training activities totaled \$76,351,040 for FY 2011.

The FY 2011 total represents a 7 percent increase in sponsored funding over the previous FY 2010.

Of the FY 2011 total, 70 percent—approximately \$53,322,837—supports research and 59 percent—approximately \$44,826,516—is funded by the federal government. The university is receiving funding from 93 agencies and organizations.

The Oceanographic Center is the largest recipient of sponsored funding with 52 percent of the total, followed by 17 percent to the College of Osteopathic Medicine and 9 percent to the College of Dental Medicine.

In FY 2011, there were 154 proposals processed through the NSU Office of Grants and Contracts.

## CLINICAL RESEARCH LEADING THERAPEUTIC AREAS BY ACADEMIC UNIT

College of Dental Medicine—implantology and emerging procedures, dentifrices, herbal therapies

College of Osteopathic Medicine—women's health, anticoagulation therapies

College of Optometry—pediatric vision, dry eye device

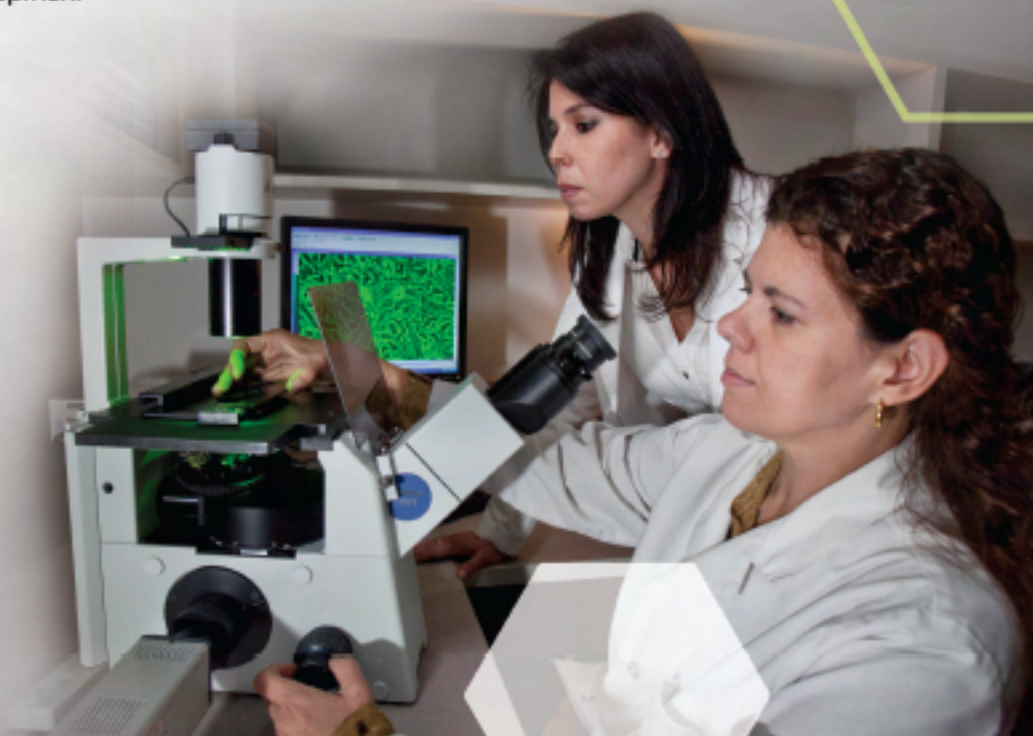
College of Pharmacy—nutraceutical products, medication adherence through e technologies

Mailman Segal Center for Human Development—nutraceutical intervention

## NSU TECHNOLOGIES

NSU is able to recognize high-potential technologies, assess their technical and commercial feasibility, secure patent protection, and conduct transactions with commercialization partners for the ultimate benefit of the public. NSU technologies ready for commercialization include the following:

- novel cancer therapeutics
- small-molecule cancer therapeutics
- dental regenerative medicine
- fall prediction model
- gene therapy for cancer
- gene therapy for prevention of heart failure
- microencapsulated drugs
- advanced dental materials
- novel stem cell line
- optical system for contact lens refraction
- mouthwash for halitosis
- sublingual tablet for anaphylaxis
- authentication software and method



**W**hile the state of the world economy presents many challenges to the funding of research, Nova Southeastern University's (NSU's) scientists and researchers are actively collaborating on research projects to improve patient care, make new drug discoveries, and examine the forces that impact our environment. At the close of fiscal year 2011, the university's sponsored funding totaled \$76,351,040, which represents a 7 percent increase over fiscal year 2010. Seventy percent of this funding is to support research. This accomplishment reflects the hard work and resolve of Nova Southeastern University researchers, scholars, students, and dedicated professionals who provide outstanding customer service and support.

Classified as a research university with "high research activity" by the Carnegie Foundation for the Advancement of Teaching, NSU is making new discoveries that will advance science and may improve people's lives. One highlight of the growth and strength of our enterprise is the major building project that changed the landscape of our Oceanographic Center. The Center of Excellence for Coral Reef Ecosystems Science Research Facility, opening in 2012, is funded in part by a \$15-million grant from the National Institute for Science and Technology in the U.S. Department of Commerce. The facility will be the premier facility in the nation dedicated to coral reef ecosystems research.

The university continues to expand its research vision with the addition of new faculty researchers, the implementation of policies designed to improve the research infrastructure at the university, and new academic and industry collaborations. Our researchers and their teams continue to welcome external partners who support their vision. By sharing ideas, pooling resources, and collaborating on findings that promote innovative research, Nova Southeastern University and its partners create real-world change for the benefit of the public.

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