
OFFICE of RESEARCH
2015 Annual Report
UF UNIVERSITY of FLORIDA

2015
Research Awards by Sponsor

$432.2M — FEDERAL

HHS	$210.6M
USDA	$70.9M
NSF	$47.0M
DOD	$30.1M
VA	$14.3M
Energy	$11.5M
DOT	$9.7M
Education	$9.1M
USAID	$9.0M
Commerce	$6.2M
NASA	$5.4M
Interior	$2.7M
EPA	$1.8M
Justice	$1.3M
OTHER	$2.6M

$102M — INDUSTRY

$90.4M — FOUNDATIONS

$46.9M — STATE/LOCAL

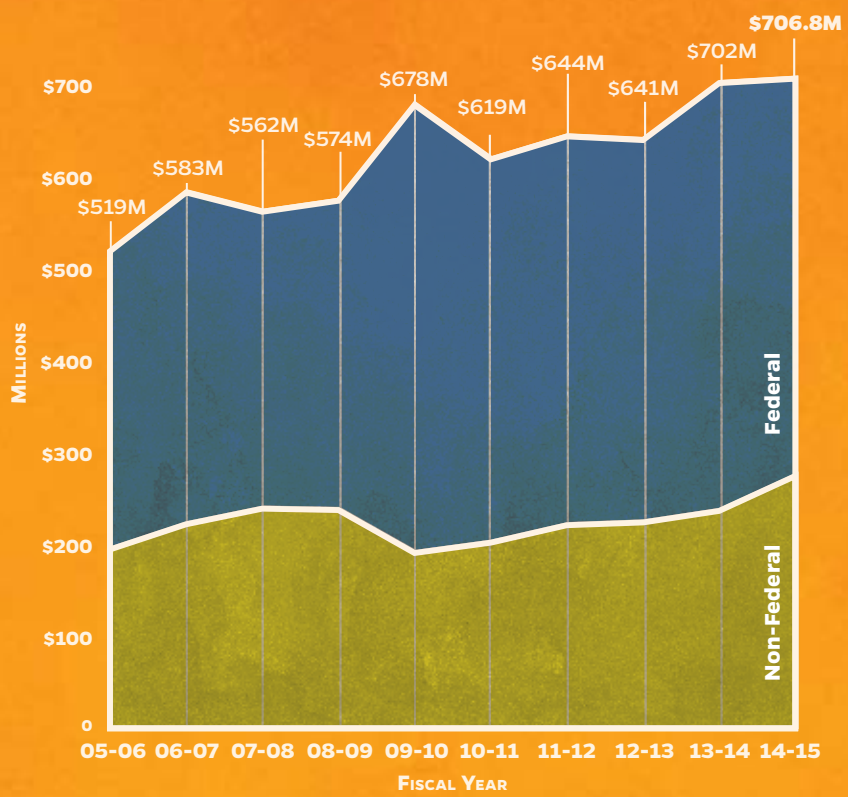
$35.3M — OTHER

$706.8M — 2015 TOTAL RESEARCH AWARDS

"Thanks to the hard work of our existing faculty and an infusion of energy from the dozens of new faculty we have been able to hire through the UF Preeminence initiative, the University of Florida is well on its way to being recognized as one of the nation's premier research institutions."

— Dr. David Norton
Vice President for Research

2006-**2015**
Sponsored Research Awards



2015 Office of Technology Licensing by the numbers

15 Start-ups

84 Licenses/Options

The Office of Technology Licensing works with inventors to transfer technologies created at UF to the commercial market, where they are turned into products that are changing the world. UF faculty members disclose an average of 300 new discoveries annually, resulting in the launch of more than 175 biomedical and technology startups in the past 14 years. The Association of University Technology Managers ranks UF among the top 10 institutions nationally in startups and licenses/options executed.

2014 R&D Expenditures at Public Institutions

(Source: National Science Foundation)

1	University of Michigan	$1.35B
2	University of Washington	$1.18B
3	University of Wisconsin	$1.11B
4	University of California, San Francisco	$1.08B
5	University of California, San Diego	$1.07B
6	University of North Carolina, Chapel Hill	$989.8M
7	University of California, Los Angeles	$948.2M
8	University of Minnesota	$876.9M
9	University of Pittsburgh	$856.8M
10	Texas A&M University	$854.2M
11	Ohio State University	$815.1M
12	Penn State University	$800.8M
13	M.D. Anderson Cancer Center	$795.0M
14	University of California, Berkeley	$744.3M
15	Georgia Institute of Technology	$725.6M
16	University of California, Davis	$711.7M
17	UNIVERSITY OF FLORIDA	$708.5M
18	Rutgers University	$644.1M
19	University of Illinois	$621.7M
20	University of Arizona	$588.1M

** includes revised data.*

2015 Research Awards by Academic Unit

$268.3M COLLEGE OF MEDICINE

$125.8M IFAS

$79.7M COLLEGE OF ENGINEERING

$34.8M COLLEGE OF LIBERAL ARTS & SCIENCES

$198.2M OTHER

Centers & Institutes	$53.6M
Office of Research	$34.5M
College of Education	$20.8M
College of Public Health & Health Professions	$18.7M
College of Dentistry	$13.8M
College of Pharmacy	$12.6M
College of Veterinary Medicine	$10.8M
Health & Human Performance	$7.9M
Florida Museum of Natural History	$7.1M
Other Colleges	$3.8M
Graduate School	$3.7M
Facilities Planning	$3.0M
Design, Construction, and Planning	$2.9M
Business Administration	$2.8M
Journalism & Communications	$2.2M

David Norton, Ph.D.
Vice President for Research

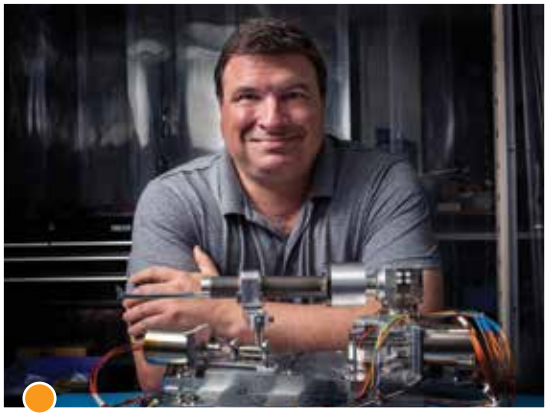
Annual reports, by their nature, focus on quantitative measures, but those numbers are a gateway to thousands of tangible advances UF scientists have made over the past year.

- UF Health researchers are helping develop an effective vaccine for Ebola; they are leaders in developing and tracking treatments for hepatitis C; and the new UF Diabetes Institute is uniting dozens of researchers across campus in the search for treatments and a cure.
- UF/IFAS is focusing its research prowess on ways to prevent citrus greening from destroying Florida's $10 billion citrus industry; IFAS food production researchers are part of a multi-national consortium studying ways to feed the world's growing population; and forest researchers are studying Florida's pine trees to understand how to make them thrive in a changing climate.
- Wertheim College of Engineering researchers are teaming with colleagues in medicine to develop ever-more-natural prosthetics and laboratories on a chip for testing diabetes treatments; they are refining one of the nation's fastest supercomputers; and they are working to develop alternative energy systems.
- In addition, biological scientists are using real-time genomics sequencing at sea to catalog the ocean's creatures; education researchers are leading national efforts on early learning and special education standards; astronomers are developing infrared cameras for the world's largest telescopes; and archaeologists are revealing the lives of Florida's earliest settlers in St. Augustine.

Thanks to our highly regarded Office of Technology Licensing, UF researchers are more aware than ever of the commercial potential of their discoveries, as evidenced by a record 84 technology disclosures in 2015, the first step to patent protection and commercialization. Some of those disclosures will attract the attention of entrepreneurs and investors, leading to new companies which might take up residence in one of our nationally recognized incubators — the Florida Innovation Hub and the Sid Martin Biotechnology Incubator.

Helping to make all of this happen are the dedicated professionals in the Office of Research, who strive to ensure that our faculty have all the tools they need to win competitive grants and then deliver on their proposals. From intuitive online grants management software to state-of-the-art animal care facilities, the Office of Research is the nexus of a huge campus research enterprise focused on helping UF scientists and scholars succeed.

Thanks to the hard work of our existing faculty and an infusion of energy from the dozens of new faculty we have been able to hire through the UF Preeminence initiative, the University of Florida is well on its way to being recognized as one of the nation's premier research institutions.



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The Milky Way rises over the dome of the Gran Telescopio Canarias in the Canary Islands. Credit: D. López/IAC

Research Highlights

The National Science Foundation awarded computer science Professor **Juan Gilbert** $2.8 million to develop programs to increase the number of African Americans receiving doctoral degrees in computing sciences.

Grantecan awarded astronomy Professor **Steve Eikenberry** $7.3 million for advanced design of an infrared detector called MIRADAS that, when attached to the 10.4-meter Gran Telescopio Canarias, will enable scientists to understand the physics of the most massive stars, study the building blocks of galaxies, and unveil the structure of the inner Milky Way.

The National Institute of Diabetes and Digestive and Kidney Diseases awarded biomedical engineering Associate Professor **Cherie Stabler** $4.9 million to continue her research to engineer cell-based tissues for the treatment of type 1 diabetes. Stabler is focused on engineering a microchip that is capable of mimicking what occurs in the pancreas.

Dr. **Mark Atkinson** received $2.8 million from the Juvenile Diabetes Research Foundation for the Network for Pancreatic Organ Donors with Diabetes, or nPOD, a biorepository housed at UF that collects pancreatic tissue from organ donors with type 1 diabetes.

UF alumnus Steven Sablotsky's company, Ocean Research Corp., awarded neurobiology Professor **Leonid Moroz** $10.9 million to continue researching marine life using a special lab aboard Sablotsky's 141-foot research yacht, Copasetic.

The U.S. Department of Education awarded education Professor **Patricia Snyder** $3.5 million to continue her research into the development of more effective professional development programs for preschool teachers.

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