



2011 ANNUAL REPORT

# OFFICE of RESEARCH

BUILDING AN INNOVATION ECOSYSTEM

**UF** | UNIVERSITY of  
**FLORIDA**



## Summary of Sponsored Research Activity 2011

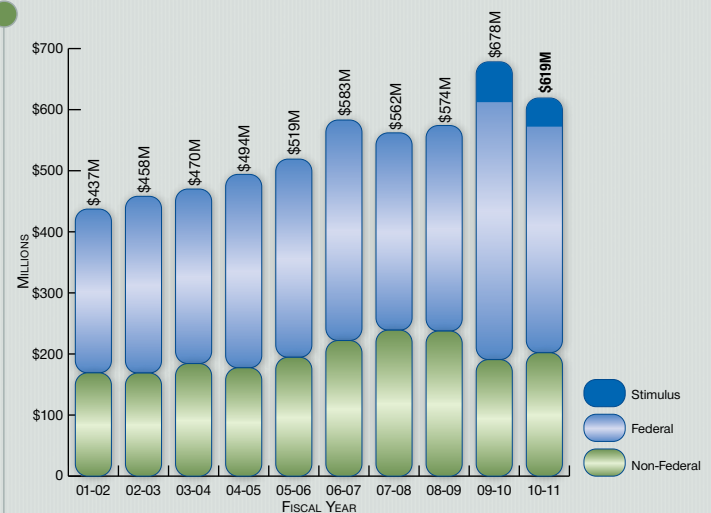
Proposals Submitted	4,887
Awards Received	5,561
New Awards Received	2,645
Continuations or Supplementals	2,916
Grant and Contract Dollars Awarded	\$600,643,403
Gifts for Research	\$18,479,818
Total Sponsored Research Funding	\$619,123,221
Projects Active During the Fiscal Year	7,252
Faculty Receiving Awards	1,750
Sponsors	1,012

“THE THING THAT MAKES THE UNIVERSITY OF FLORIDA UNIQUE IS THAT OUR RESEARCHERS CAN FIND COLLABORATORS IN VIRTUALLY EVERY DISCIPLINE RIGHT ON CAMPUS. IN ADDITION TO HAVING AGRICULTURE, THE HEALTH SCIENCES, ENGINEERING AND LIBERAL ARTS AND SCIENCES, WE ALSO HAVE ONE OF THE 28 VETERINARY SCHOOLS IN AMERICA, AND WE HAVE A DENTAL SCHOOL AND A PUBLIC HEALTH SCHOOL. SO ALL OF THOSE PIECES COME TOGETHER TO MAKE THE UNIVERSITY OF FLORIDA A UNIQUE INSTITUTION AND I THINK THE BEST POISED TO SEIZE THE RESEARCH OPPORTUNITIES AND NEEDS OF THIS NATION IN THE FUTURE.”

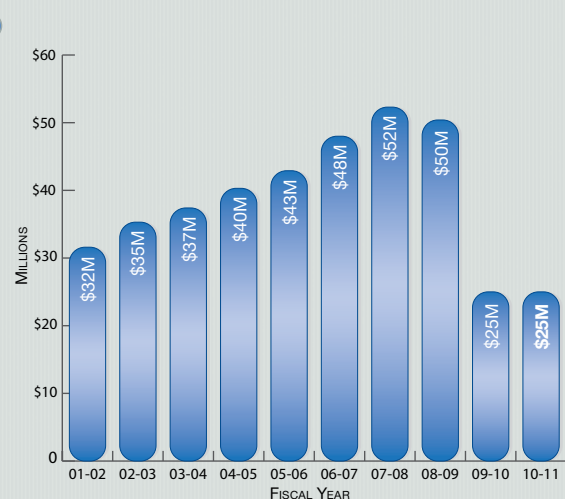
**Win Phillips, D.Sc.**

*Senior Vice President and  
Chief Operating Officer*

## Sponsored Research Awards 2002 — 2011



## Technology Transfer Income 2002 — 2011



\* Trusopt Patent expired in 2008.

## 9% : ALL OTHER Academic Units Total \$56M

Education	\$14M
Academic Affairs	\$8M
Office of Research	\$7M
Florida Museum of Natural History	\$5M
Health & Human Performance	\$5M
Business Administration	\$4M
Design, Construction & Planning	\$4M
Centers & Institutes	\$3M
Journalism & Communications	\$2M
Graduate Programs	\$2M
Other	\$2M

## 52% : HEALTH SCIENCE CENTER \$323M

Medicine	\$268M
Public Health	\$18M
Dentistry	\$14M
Pharmacy	\$11M
Veterinary Medicine	\$9M
PHHP/Medicine Integrated Programs	\$2M
Nursing	\$1M

## 7% : LIBERAL ARTS & SCIENCES \$46M

## 11% : ENGINEERING \$66M

## 21% : IFAS \$128M



## 2011 Research Awards by Academic Unit

## 3% : OTHER \$20M

## 7% : INDUSTRY \$44M

## 13% : FOUNDATIONS \$77M

## 10% : STATE/LOCAL \$61M

## 67% : FEDERAL \$417M

NIH	\$166M
USDA	\$64M
NSF	\$44M
DOD	\$33M
Education	\$22M
HRSA	\$20M
Energy	\$14M
VA	\$11M
HHS	\$9M
Other	\$9M
Commerce	\$7M
DOT	\$6M
Interior	\$4M
NASA	\$4M
USAID	\$4M



## 2011 Research Awards by Sponsor



“RESEARCH AT THE UNIVERSITY OF FLORIDA PLAYS A SIGNIFICANT ROLE IN ADVANCING OUR FUNDAMENTAL UNDERSTANDING OF THE WORLD IN WHICH WE LIVE, IN GENERATING CREATIVE BREAKTHROUGHS THAT LEAD TO TECHNOLOGIES WITH POSITIVE BENEFIT, IN CREATING OPPORTUNITIES FOR ECONOMIC GROWTH IN THE STATE, AND IN CHANGING THE TRAJECTORY OF YOUNG PEOPLE.”

David Norton, Ph.D.  
Vice President for Research



**A CENTURY AGO, THE  
UNIVERSITY OF FLORIDA**

LANDED IN GAINESVILLE  
AND CHANGED  
THE COMMUNITY FOREVER.  
TODAY, UF IS CHANGING  
GAINESVILLE AGAIN,  
SPINNING OFF NEW IDEAS  
AND NEW COMPANIES  
AT A RECORD PACE,  
AND TURNING THIS  
COLLEGE TOWN INTO A  
KNOWLEDGE CAPITAL.

**BORN IN THE INDUSTRIAL AGE, UF**

HAS HELPED TO MOVE  
GAINESVILLE INTO THE  
INFORMATION AGE.  
FROM SOME OF THE EARLIEST  
WORK ON COMPUTERS TO  
TODAY'S CUTTING-EDGE  
RESEARCH IN BIOTECHNOLOGY,  
UF HAS BEEN A FORCE  
FOR KNOWLEDGE IN  
GAINESVILLE FOR  
GENERATIONS.

**LAST YEAR MORE THAN 1,700**

**SCIENTISTS** AND **SCHOLARS** EARNED  
\$619 MILLION IN RESEARCH  
FUNDING FOR A WIDE ARRAY  
OF PROJECTS. FROM CUSTOMIZING  
BLOOD-PRESSURE MEDICATIONS  
TO PREPARING PINE TREES  
FOR CLIMATE CHANGE,  
THESE RESEARCH PROJECTS  
IMPACT PEOPLE  
AND THE ECONOMY  
IN COUNTLESS WAYS.



Building An Innovation Ecosystem

**MANY ALSO HAVE COMMERCIAL  
POTENTIAL,** AND THE UNIVERSITY

WORKS HARD TO IDENTIFY  
THESE AND AGGRESSIVELY PUSH  
THEM TO MARKET.

UF TECHNOLOGY

TRANSFER PROFESSIONALS  
NURTURE SCIENTISTS' IDEAS,  
LINK THEM UP WITH  
ENTREPRENEURS  
AND INVESTORS, AND  
PROVIDE THE TOOLS  
THEY NEED TO GET  
THEIR COMPANIES  
GOING.

**THE RESULT IS MORE THAN 100  
NEW COMPANIES**

IN THE LAST DECADE WHICH  
EMPLOY MORE THAN  
1,000 PEOPLE.

PRODUCTS FROM

COMPANIES LIKE

XHALE AND AXOGEN

ARE TAKING THE MARKET

BY STORM, EARNING

RAVE REVIEWS IN

PUBLICATIONS LIKE

*FORBES* AND THE

*WALL STREET JOURNAL*

AND ATTRACTING

HUNDREDS OF MILLIONS

OF DOLLARS

IN VENTURE CAPITAL

ANNUALLY.

BEN HILL  
GRIFFIN  
STADIUM

UNIVERSITY  
OF FLORIDA





**THIS COMMITMENT TO INNOVATION IS FELT  
THROUGHOUT GAINESVILLE, WHICH**

HAS RECENTLY APPEARED  
ON A NUMBER OF LISTS  
OF AMERICA'S "BRAINIEST" CITIES.  
URBAN THINKER RICHARD FLORIDA  
RECENTLY PREDICTED THAT OVER  
THE NEXT EIGHT YEARS  
GAINESVILLE  
WILL LEAD THE NATION  
IN THE GROWTH OF  
"CREATIVE CLASS" JOBS,  
WHICH HE DESCRIBES AS  
"HIGHER-PAYING,  
HIGHER-SKILL JOBS  
FOR KNOWLEDGE,  
PROFESSIONAL,  
AND CREATIVE  
WORKERS."

**THE UNIVERSITY IS BETTING THAT  
THOUSANDS OF THESE "CREATIVE CLASS"**

WORKERS WILL BE AT HIGH-TECH  
BUSINESSES IN INNOVATION SQUARE.  
BRIDGING THE AREA BETWEEN  
THE UNIVERSITY AND DOWNTOWN  
WITH A MILLION SQUARE FEET  
OF OFFICES, CONFERENCE SPACE  
AND HOUSING, UF AND  
GAINESVILLE LEADERS  
ENVISION INNOVATION SQUARE  
AS A 24/7 LIVE/WORK/PLAY  
URBAN RESEARCH  
PARK ENVIRONMENT.

**THAT'S ALREADY HAPPENING AT THE FLORIDA  
INNOVATION HUB AT UF.**

TWELVE STARTUPS HAVE TAKEN UP  
RESIDENCE SINCE THE BUILDING  
OPENED IN OCTOBER,  
JOINED BY NINE LEGAL,  
FINANCIAL AND OPERATIONAL  
CONSULTING FIRMS. ALREADY,  
PLANS FOR AT LEAST TWO  
OTHER BUILDINGS AT  
INNOVATION SQUARE  
ARE MOVING TOWARD  
CONSTRUCTION.



**"The Hub Finally Gathers Under One Roof"**

VENTURE CAPITALISTS,  
PRODUCT DESIGNERS,  
ACCOUNTANTS,  
INTELLECTUAL PROPERTY LAW FIRMS  
AND OUR TECHNOLOGY LICENSING  
EXPERTS — IN A SPACE  
METICULOUSLY DESIGNED  
TO NURTURE THEIR CREATIVITY,"  
SAID UF PRESIDENT BERNIE MACHEN.  
"AND THE HUB FINALLY GIVES US  
A PLACE WHERE A MERE  
FIVE-MINUTE WALK SEPARATES  
OUR VISIONARY FACULTY  
FROM THE PROFESSIONALS  
WHO MAKE THEIR  
IDEAS REAL."

**NEW YORK TIMES COLUMNIST**

**THOMAS FRIEDMAN** PREDICTED

RECENTLY THAT THE MOST  
SUCCESSFUL INNOVATION ECOSYSTEMS  
WILL DEVELOP IN "CITIES  
AND TOWNS THAT COMBINE  
A UNIVERSITY,  
AN EDUCATED POPULACE,  
A DYNAMIC BUSINESS  
COMMUNITY AND THE FASTEST  
BROADBAND CONNECTIONS  
ON EARTH. THESE WILL BE  
THE JOB FACTORIES OF  
THE FUTURE." GAINESVILLE  
HAS ALL OF THESE ELEMENTS  
AND MORE, POSITIONING  
IT PERFECTLY TO BE  
AN INNOVATION LEADER  
IN THE FUTURE.



**UF**  
UNIVERSITY of  
FLORIDA



**David Norton, Ph.D.**

Vice President for Research  
223 Grinter Hall  
P.O. Box 115500  
Gainesville, Florida 32611  
(352) 392-1582  
dpnorton@ufl.edu

**Division of Sponsored Research**

**Thomas Walsh, Ph.D.**

Director  
(352) 392-3516  
twalsh@ufl.edu

Proposal Processing  
(352) 392-9267

Awards Administration  
(352) 392-5991

**Research Support**

**Sobha Jaishankar, Ph.D.**

Asst. Vice President for Research  
(352) 392-4804  
sjaishan@ufl.edu

**UF Research Foundation, Inc.**

**George Kolb**

Business Manager  
(352) 392-5221  
gkolb@ufl.edu

**Office of Technology Licensing**

**David Day**

Director  
(352) 392-8929  
dlday@ufl.edu

**Office of Research Communications**

**Joseph Kays**

Director  
(352) 392-8229  
joekays@ufl.edu