2011 Annual Report

OFFICE of RESEARCH
Building an Innovation Ecosystem

Fiscal Year 2011

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

Liberals & Sciences
College of

Research Awards By Sponsor

Foundations
All Other

Research Awards By Academic Unit

College of Engineering

2011 Annual Report

Sponsored Research Activity

MILLIONS

Continuations or Supplementals 2,916
New Awards Received 2,645
Proposals Submitted 4,887
Sponsors 1,012
Faculty Receiving Awards 1,750
Projects Active During the Fiscal Year 7,252

Gifts for Research $18,479,818
Grant and Contract Dollars Awarded $600,643,403
Awards Received 5,561
Total Sponsored Research Funding $619,123,221

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
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

The commitment to innovation is felt throughout Gainesville, which has recently appeared on a number 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 recently predicted 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.

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.

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. 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.

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.

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. 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.
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.

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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.”

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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.

THIS COMMITMENT TO INNOVATION IS FELT THROUGHOUT GAINESVILLE, WHICH HAS RECENTLY APPEARED ON A NUMBER 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 LEAD 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.

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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.

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### Fiscal Year 10-11

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### 2011 Annual Report

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  - Continuations or Supplementals: 2,916
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  - Projects Active During the Fiscal Year: 7,252
  - Total Sponsored Research Funding: $619,123,221
  - Gifts for Research: $18,479,818
  - Grant and Contract Dollars Awarded: $600,643,403

- **Fiscal Year 2002-2011**
  - Income from Sponsored Research: $437M
  - Income from Technology Transfer: $32M

*Trusopt Patent expired in 2008.*