



LEARNING & LABOR

OFFICE OF CORPORATE RELATIONS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Annual Report | 2016

In upholding the Land-Grant mission of the University of Illinois, the Office of Corporate Relations (OCR) endeavors on a daily basis to increase total corporate engagement between the campus and our corporate partners. The OCR serves as your single point of contact and advocate to help you engage with the many different campus stakeholders, minimizing your transaction costs and creating fully integrated partnerships. Engaged companies see the OCR as a concierge to help them map their path to success on the campus, and our goal is to build streamlined connections with companies between our students, researchers, academic units, program, laboratories and the Research Park. The OCR also works closely with the State of Illinois agencies to foster economic development in central Illinois and the rest of the state.

As you will see in the report, this approach has been exceptionally successful for both the campus and the partner companies. Despite economic headwinds, both internally and externally we achieved \$114.8 million in corporate investment on our campus during FY16, just off the record mark of the previous year. This investment came from 494 corporate partners and created successes in all areas of corporate engagement. From leadership roles in the Fortune 500, burgeoning startups across the world, as well as growing international partnerships, the OCR has played a strategic role in the expansion of corporate support. We are looking forward to continuing to grow our corporate engagement as the campus establishes the new College of Medicine and expands its research infrastructure.

For a prelude of the expertise our campus has to offer, please explore experts.illinois.edu.

Pradeep Khanna

Associate Vice Chancellor for Corporate Relations and Economic Development

ANOTHER SUCCESSFUL YEAR

\$114.8M

Total corporate investment in FY16

#1

In the Big 10 corporate R&D investment*

#5

Nationally for corporate R&D investment*

5,739

Number of unique employers recruiting in FY16

494

Companies with active contracts

5

Companies established new innovation centers in the University of Illinois Research Park

*Universities without a college of medicine | Source: NSF HERD 2015

ENABLING COMPREHENSIVE CORPORATE ENGAGEMENT

The OCR makes it easier for companies to access all resources available on campus to help them thrive in today's dynamic business environment. Company engagement with the campus can be divided into six broad areas. While many companies engage with the campus in all six areas, others have intensive engagement in one or two areas.

1,000+

Active industry agreements for research & targeted solutions in FY16

Research and targeted solutions

- Collaborative research partnerships and solving grand challenges
- Applied research and testing
- Facility use agreements
- Industry/academic partnerships in federally funded research

Student engagement

- Recruitment: full-time, internships
- Involvement with student organizations (Classroom involvement, Hack events, and case competitions, etc.)
- Senior design/capstone projects
- Guest lectures/tech talks

Branding and sponsorships

- Naming rights
- Faculty chairs and professorships
- Scholarships/fellowships
- Equipment donations

Economic development and research park

- Research Park innovation centers on campus
- Year-round access to high quality Research Park student interns
- Partnering with UI start-up companies

Innovation and tech transfer

- Mutually beneficial licensing agreements

Professional development and education

- Over 100 professional and graduate programs
- Online education
- Off-campus courses and training that enhance executive leadership skills and provide workforce development

INCREASING CORPORATE INVESTMENT

Total Investment FY11-FY16



■ Corporate contracts*

■ Corporate philanthropy**

*Source: Office of Business and Financial Services

**Source: U of I Foundation

ECONOMIC DEVELOPMENT AT ILLINOIS

The OCR supports many economic development efforts which are implemented by units across campus and focus on:

- Entrepreneurship
- Innovation & research clusters
- Infrastructure
- Company attraction
- Workforce development
- Place-making and community development
- Rural and urban community engagement
- Global relations and trade support

\$74M

University of Illinois
Willard Airport annual
economic output

\$336M

Contributed to the
local community by
international students

\$122M

FY14-FY16

Goods and services
purchased in Illinois to
support our research

Source: IRIS Spending Report

INTERNATIONAL ENGAGEMENT

74

International companies that
have contracts with Illinois

109

Contracts with
international companies

OCR SUPPORTS THE SBDC INTERNATIONAL TRADE CENTER



197

Countries supported by
small business exports*

\$30M

Export sales
during FY16*

*Report from the International Trade Center (ITC). The ITC is part of the Illinois Small Business Development Center (SBDC), which is funded by the U.S. Small Business Administration, Illinois DCEO, the University of Illinois and the Champaign County Economic Development Corporation.

UNIVERSITY OF ILLINOIS RESEARCH PARK

The Research Park has developed a vibrant, multidisciplinary community producing highly influential technological advances – a reflection of the modernization of its land-grant roots in agriculture and engineering.

+6%

Yearly growth rate

1,711

Persons employed
in the University of
Illinois Research Park

+15%

Yearly growth rate

594

Number of student
interns employed in
the Research Park

15

New EnterpriseWorks
Incubator clients in FY16

51

Startup tenants in
EnterpriseWorks
incubator in 2016

5

New innovation centers in the
University of Illinois Research Park

CEB Data Innovation Center

CME Group Innovation Center

AARP Tech Nest

FutureWei (Huawei)

RSM McGladrey

15

SBIR/STTR awards to
Research Park based
companies

8

OTM startup license
agreements in 2016

EXCELLENCE IN INTERDISCIPLINARY RESEARCH

Interdisciplinary research at Illinois enables companies to work with teams of experts, from diverse backgrounds, to develop solutions and to conduct innovative research. A few highlights include:

BECKMAN INSTITUTE
beckman.illinois.edu

CARL R. WOESE
INSTITUTE FOR GENOMIC
BIOLOGY
igb.illinois.edu

INSTITUTE FOR
SUSTAINABILITY, ENERGY, AND
ENVIRONMENT
sustainability.illinois.edu

INTERDISCIPLINARY HEALTH
SCIENCES INITIATIVE
biomedical.illinois.edu

NATIONAL CENTER FOR
SUPERCOMPUTING
APPLICATIONS
nca.illinois.edu

PRAIRIE RESEARCH INSTITUTE
prairie.illinois.edu

FOR A COMPLETE LIST SEE:
research.illinois.edu

ILLINOIS PROGRAM RESEARCH IN THE HUMANITIES

- Promotes interdisciplinary study in the humanities, arts & social sciences
- Partners in the sciences, the arts and the communities we live in, seeking interdisciplinary collaboration
- Grants fellowships to faculty and students, hosts lectures, symposia and panel discussions and supports research initiatives in the humanities

lprh.illinois.edu

DIVISION OF NUTRITIONAL SCIENCES

- Interdisciplinary program that provides comprehensive and progressive graduate education in nutrition and serves as a catalyst for interdisciplinary and transdisciplinary nutrition research
- DNS faculty represents over 60 faculty, 12 departments, and six colleges on the University of Illinois at Urbana-Champaign campus. Several affiliates from the Chicago campus also participate
- Nutritional scientists need to master nutrition and the complexities of metabolism, as well as the analytical and theoretical approaches of disciplines such as genetics, behavior, immunology, bioengineering, cognitive neuroscience, and bioinformatics

nutrsci.illinois.edu

CRITICAL INFRASTRUCTURE RESILIENCE INSTITUTE

- Conducts research and education that enhances the resiliency of the nation's critical infrastructures and the businesses and public entities that own and operate those assets and systems
- Explores the organizational, policy, business, and technical dimensions of critical infrastructure's dependence on cyber assets
- Focuses on transitioning research outputs for use by Department of Homeland Security operational components, other homeland security end users, policy makers, decision makers across all levels of industry and government, and community leaders

ciri.illinois.edu



COLLEGE OF MEDICINE

- Dr. King Li named founding Dean of the College of Medicine
 - The Board of Trustees formally voted to establish a doctor of medicine degree and an engineering-infused curriculum
 - Accreditation applications for the Liaison Committee of Medical Education were submitted. Notification is expected to come in late fall of 2017. If the application is successful, then the College of Medicine will recruit its first class for fall 2018 with 32 students
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MAJOR NEW INITIATIVES

The OCR has worked closely with senior researchers to secure participation of companies in major research initiatives.

University of Illinois-Deloitte Foundation Center for Business Analytics

A \$5 million gift from the Deloitte Foundation will allow Illinois College of Business to advance education in business analytics and develop premier talent. The Center will create a leading-edge curriculum for business analytics to provide students with the data knowledge, skills and abilities needed to become the most highly-trained business leaders of tomorrow. Through the use of data and business analytics, companies are better equipped to make enlightened financial and operational decisions, while improving their competitive position in a global marketplace.

Center for Advanced Electronics through Machine Learning (CAEML)

This NSF Industry/University Cooperative Research Program will pioneer the application of emerging machine-learning techniques to microelectronics and micro-systems modeling. CAEML will work jointly with microelectronics industry partners whose diverse products include electronic design automation tools, integrated circuits, mobile systems and test equipment.

Integrated Bioprocessing Research Laboratory (IBRL)

The IBRL will advance research and education focused on renewable food, fuel and fiber-based processing platforms and stimulate bio-economic development in the State of Illinois through translational scale up of developed technologies leading to commercialization. The new infrastructure will support team-based research and proof-of-concept activities and is made possible through a \$26 million investment from the State of Illinois.

ACCESS TO WORLD-CLASS STUDENTS

The OCR works closely with career services offices and other student-focused organizations to engage with students on:

Special projects

Hackathons

Case competitions

Senior design projects

Guest lectures

Internships

Recruitment



Number of Fortune 100 companies recruiting at the University of Illinois



5,739

Number of unique employers recruiting in FY16

14,463

On-campus interviews in FY16

29,337

Students attending career fairs FY16

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