RESEARCH REPORT

ILLINOIS
At Illinois

We unite students with research opportunities—nurturing the next generation of innovators and scholars.

We combine engineering, biology, and medicine—developing new ways of treating disease.

We bring together scholarly expertise and cutting-edge infrastructure—enabling us to push boundaries of knowledge.

We fuse disciplines and spark collaborations—creating new ideas, companies, and industries.

We’re just getting started.

#ILLINOISRESEARCH
$13M additional investment from the Bill and Melinda Gates Foundation for RIPE, a program focused on increasing food crop yields.

New Feed Technology Center announced, cementing our reputation as a nationally recognized innovator in animal nutrition.

Ground broken for the Siebel Center for Design, a multidisciplinary hub for student-focused design thinking and learning.

The Cancer Center at Illinois named 8th campuswide research institute.

The university joined the Illinois Innovation Network, a statewide initiative to foster breakthrough research and entrepreneurship.

Illinois faculty received recognition from the National Academy of Sciences, National Academy of Inventors, Packard and MacArthur Foundations, AAAS, and others.

11 Illinois faculty members named to the 2018 Clarivate Analytics Highly Cited Researchers list.

The Carle Illinois College of Medicine welcomed its inaugural class.

Krannert Center for the Performing Arts celebrated its 50th anniversary season.

$15M invested in the Illinois Quantum Information Science and Technology Center.

The University of Illinois Press, a leading publisher of scholarship in American history and culture, celebrated its centennial.

Illinois named in the top 10 universities that have received the most NEH support in the past decade.
**TOTAL RESEARCH AND DEVELOPMENT EXPENDITURES**

FY13 - FY17

**TOTAL SPONSORED FEDERAL RESEARCH AND DEVELOPMENT EXPENDITURES**

FY13 - FY17

**TOTAL EXPENDITURES BY FEDERAL AGENCY**

FY17

**TOTAL CORPORATE CONTRACT AND PHILANTHROPIC SUPPORT**

FY14 - FY18

*HERD results include cost sharing, unreimbursed F&A, and non-sponsored institutional research support.

**FY13 includes $120M related to construction of the Blue Waters supercomputer.

Federal prime awardee includes dollars passed through other entities.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Expenditures</th>
<th>Federal Awardees</th>
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<tbody>
<tr>
<td>FY17</td>
<td>$642M</td>
<td></td>
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<tr>
<td>FY16</td>
<td>$625M</td>
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<tr>
<td>FY15</td>
<td>$640M</td>
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<tr>
<td>FY14</td>
<td>$622M</td>
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<tr>
<td>FY13</td>
<td>$743M**</td>
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*Actual expenditures of non-philanthropic corporate funds during the fiscal year provided by Sponsored Programs Administration.

**Total receipts from gifts, pledge payments, and grant payments as provided by the University of Illinois Foundation.
More than 30 years ago, the University of Illinois launched one of the world’s first truly interdisciplinary research hubs: the Beckman Institute. In the process, we developed a unique approach to collaboration and discovery and set the standard for collaborative research that addresses society’s grand challenges.

Today, there are eight campuswide research institutes at Illinois. Together they work to transcend college, school, and departmental boundaries—ultimately elevating ideas, driving discovery, and pushing the boundaries of our knowledge.
CUTTING-EDGE RESEARCH REQUIRES WORLD-CLASS FACILITIES, TOOLS, AND SERVICES. FROM MICROSCOPES TO MANUSCRIPTS, ILLINOIS RESEARCHERS HAVE ACCESS TO REMARKABLE RESOURCES THAT SUPPORT THEIR WORK.

**Beckman Imaging Resources**
State-of-the-art biomedical imaging, microscopy, and visualization methods that enable new insights into neuroscience, cancer, and more.

**Micro + Nanotechnology Lab**
One of the country’s largest and most sophisticated university facilities for conducting photonics, microelectronics, biotechnology, and nanotechnology research.

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**Materials Research Lab**
Advanced instrumentation for materials research, including 140+ instruments.

**Prairie Research Institute Collections**
Premier archaeological, biological, and geological research collections in the U.S., including irreplaceable human artifacts, fossils, geological samples, and biological specimens.

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**Center for Wounded Veterans**
Support for student veterans and research that positively impacts the well-being of service members and their families.

**Family Resiliency Center**
Family and nutrition research facility featuring a simulated family home and The Autism Program.

**Roy J Carver Biotechnology Center**
Tools and services that support discovery in genomics, proteomics, and metabolomics.

**Rare Book and Manuscript Library**
One of the largest publicly accessible special collections in the U.S., with over 600K volumes and two miles of manuscripts.

**IGB Core Facilities**
Instrumentation for biological microscopy and image analysis, including microscopes, nuclear magnetic resonance, tissue processing, and 3D printing.

**Swine Research Center**
10-acre animal research facility south of campus focused on swine nutrition, metabolism, reproduction, and behavior.

**Veterinary Diagnostic Lab**
Diagnostic medical testing for infectious agents, toxins, and other causes of disease in animal diagnostic samples.

**Kranz Art Museum**
Expansive, permanent collection with over 10,000 works dating from the fourth millennium BCE to the present, representing numerous cultures.

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**FOR MORE**
go.illinois.edu/infrastructure
Our community is regularly recognized as one of the nation’s leading tech hubs and a top city for recent college graduates.

**RESEARCH PARK AND ENTERPRISEWORKS**

- 2,100 employees
- 17 buildings
- 150 events held each year
- 800 student interns
- 120+ companies
- 795,000+ square feet, developed with a private partner

**RESEARCH PARK EMPLOYERS INCLUDE:**

- ADM
- abbvie
- ABInBev
- CATERPILLAR
- JOHN DEERE
- MONSANTO
- State Farm
- NVIDIA
- syngenta

**START-UP SUCCESS**

- 1,050+ invention disclosures in the last five years
- 800+ active U.S. patents

- 50 Start-ups in the EnterpriseWorks incubator at any given time.
- $1.03B Venture capital/private equity financing raised by companies that incubated at EnterpriseWorks.
- $126.8M SBIR/STTR funding since EnterpriseWorks opened in 2003.

There are more than 55 active start-ups based on university technology, across the U.S.

Many in Illinois are in EnterpriseWorks, a small business incubator in the university’s Research Park.
Research faculty and staff actively foster the practical training of students through teaching, field trainings, guest lectures, and workshops. These activities enhance learning, create unique opportunities, and educate the next generation of scholars, scientists, and leaders.

From lab work and field trials to data analysis and public engagement, undergraduate and graduate students are heavily involved in research at Illinois.

2,000+ STUDENTS
Involved in research activities at the Illinois Research Institutes

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