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.

SEE WHAT’S NEXT  #ILLINOISRESEARCH
$642M
Total research expenditures, FY2017

2,963
Faculty

782
Earned doctorates

33,955
Undergraduate students

15,666
Graduate students

23%
International students

3M+
Square footage for research

150+
Centers, laboratories, and research institutes

24M+
Items and materials in the University Library

Cost share and unreimbursed F&A included

1,880 tenure track
1,083 specialized

“NSF survey of earned doctorates in 2017”
$13M additional investment from the Bill and Melinda Gates Foundation for RIPE, a program focused on increasing food crop yields.

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.

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

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

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

The Carle Illinois College of Medicine welcomed its inaugural class.

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

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

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

Illinois named in the top 10 universities that have received the most NEH support in the past decade.

RESEARCH.ILLINOIS.EDU

LEARN MORE

RESEARCH.ILLINOIS.EDU
TOTAL RESEARCH AND DEVELOPMENT EXPENDITURES*
FY13 - FY17

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY17</td>
<td>$642M</td>
</tr>
<tr>
<td>FY16</td>
<td>$625M</td>
</tr>
<tr>
<td>FY15</td>
<td>$640M</td>
</tr>
<tr>
<td>FY14</td>
<td>$622M</td>
</tr>
<tr>
<td>FY13</td>
<td>$743M**</td>
</tr>
</tbody>
</table>

*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.

TOTAL SPONSORED FEDERAL RESEARCH AND DEVELOPMENT EXPENDITURES
FY13 - FY17

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY17</td>
<td>$359M</td>
</tr>
<tr>
<td>FY16</td>
<td>$335M</td>
</tr>
<tr>
<td>FY15</td>
<td>$338M</td>
</tr>
<tr>
<td>FY14</td>
<td>$343M</td>
</tr>
<tr>
<td>FY13</td>
<td>$469M</td>
</tr>
</tbody>
</table>

Federal prime awardee includes dollars passed through other entities.
TOTAL EXPENDITURES BY FEDERAL AGENCY

FY17

- National Science Foundation: $359M
- U.S. Department of Health and Human Services: $61M
- U.S. Department of Energy: $49M
- U.S. Department of Defense: $19M
- U.S. Department of Agriculture: $43M
- Other: $51M

TOTAL CORPORATE CONTRACT AND PHILANTHROPIC SUPPORT

FY14 - FY18

<table>
<thead>
<tr>
<th>Year</th>
<th>Contracts</th>
<th>Philanthropy</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY18</td>
<td>$116.2M</td>
<td>$63.6M $52.6M</td>
</tr>
<tr>
<td>FY17</td>
<td>$115.8M</td>
<td>$61.1M $54.7M</td>
</tr>
<tr>
<td>FY16</td>
<td>$114.8M</td>
<td>$60.3M $54.5M</td>
</tr>
<tr>
<td>FY15</td>
<td>$115.4M</td>
<td>$62.6M $52.8M</td>
</tr>
<tr>
<td>FY14</td>
<td>$111.2M</td>
<td>$67.8M $43.4M</td>
</tr>
</tbody>
</table>

*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.
Beckman Institute for Advanced Science and Technology
Interdisciplinary research focused on integrative imaging, intelligent systems, and molecular science and engineering

Cancer Center at Illinois
Cancer research and educational programs that unite campus strengths in science and engineering

National Center for Supercomputing Applications
Computational expertise to develop simulations and models that cannot be created in labs

Illinois Program for Research in the Humanities
Research in the humanities, arts, and social sciences that explores the cultural, historical, and imaginative boundaries of the human condition

Carl R. Woese Institute for Genomic Biology
Team-based fundamental and applied genomics research in health, energy, agriculture, and technology

Institute for Sustainability, Energy, and Environment
Actionable research in sustainability, energy, and environment-related topics

Interdisciplinary Health Sciences Institute
Coordination and acceleration of campuswide health research and innovation

Prairie Research Institute
Objective research, expertise, and data to steward our nation’s natural and cultural resources
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.

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

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

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

**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.

**IGB Core Facilities**
Instrumentation for biological microscopy and image analysis, including microscopes, nuclear magnetic resonance, tissue processing, and 3D printing.
Micro + Nanotechnology Lab
One of the country's largest and most sophisticated university facilities for conducting photonics, microelectronics, biotechnology, and nanotechnology research.

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.

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.

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

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

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

**RESEARCH PARK EMPLOYERS INCLUDE:**

- ADM
- Abbvie
- AIBInBev
- Caterpillar
- John Deere
- Monsanto
- State Farm
- NVIDIA
- Syngenta
The university supports hundreds of teams and start-up companies with resources that enable entrepreneurship and economic development.

<table>
<thead>
<tr>
<th>START-UP SUCCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>50</strong> Start-ups in the EnterpriseWorks incubator at any given time.</td>
</tr>
<tr>
<td><strong>$1.03B</strong> Venture capital/private equity financing raised by companies that incubated at EnterpriseWorks.</td>
</tr>
<tr>
<td><strong>$126.8M</strong> SBIR/STTR funding since EnterpriseWorks opened in 2003.</td>
</tr>
<tr>
<td><strong>1,050+</strong> Invention disclosures in the last five years</td>
</tr>
<tr>
<td><strong>800+</strong> Active U.S. patents</td>
</tr>
</tbody>
</table>

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

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.
FIND ILLINOIS RESEARCH EXPERTISE

Discover Faculty Profiles | Identify Collaborators | Search for Scholarly Works and Publications

VISIT EXPERTS.ILLINOIS.EDU