The future of Life Sciences

Currently home to 100+ pharma firms and 960+ life science firms

Pharmaceuticals
Health care delivery
Medical devices
Long-term care

Our innovative past
The first blood bank, Bernard Fantus, Chicago, 1937
THE FUTURE OF THE
FOOD INDUSTRY

SAFETY & SECURITY
ORGANICS
HYDROPONICS
VERTICAL INDOOR FARMING
FARM-TO-CONSUMER

OUR INNOVATIVE PAST
CANNED WHIPPED CREAM,
CHARLES GETZ, URBANA, 1931
WHERE THE FUTURE OF TECHNOLOGY LIVES

OUR INNOVATIVE PAST
CELLPHONE, MARTIN COOPER OF MOTOROLA, SCHAUMBURG, 1973

FACEBOOK
GOOGLE
MICROSOFT
SALESFORCE
THE FUTURE OF MANUFACTURING

SIMULATED DESIGN
3-D PRINTING
AUTOMATION
VIRTUAL REALITY

OUR INNOVATIVE PAST
MASS PRODUCTION OF THE MCCORMICK REAPER, CYRUS MCCORMICK, CHICAGO, 1831
THE FUTURE OF THE FINANCE

OUR FORWARD-THINKING COMPANIES
AVANT RANKS 11 ON BUSINESS INSIDER’S GLOBAL FINTECH UNICORN LIST

BLOCKCHAIN CRYPTOCURRENCY
THE FOURTH REVOLUTION

SMART MANUFACTURING

ROBOTICS

ARTIFICIAL INTELLIGENCE

INTERNET OF THINGS
759 NEW INVENTIONS & 241 PATENTS CAME OUT OF ILLINOIS UNIVERSITIES IN 2016
<table>
<thead>
<tr>
<th>University</th>
<th>Patents</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIVERSITY OF ILLINOIS</td>
<td>1,025</td>
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<tr>
<td>NORTHWESTERN UNIVERSITY</td>
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<tr>
<td>UNIVERSITY OF CHICAGO</td>
<td>634</td>
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<tr>
<td>ILLINOIS INSTITUTE OF TECHNOLOGY</td>
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<tr>
<td>SOUTHERN ILLINOIS UNIVERSITY</td>
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<td>LOYOLA UNIVERSITY OF CHICAGO</td>
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<tr>
<td>NORTHERN ILLINOIS UNIVERSITY</td>
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<tr>
<td>RUSH UNIVERSITY</td>
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<tr>
<td>ROSALIND FRANKLIN UNIVERSITY</td>
<td>14</td>
</tr>
<tr>
<td>ILLINOIS STATE UNIVERSITY</td>
<td>6</td>
</tr>
</tbody>
</table>

SUMMED BY UNIVERSITY (1969-2012)
942 startups have been founded in the last five years at Illinois universities (2013-2018)
$12.7B IN R&D FROM ILLINOIS BUSINESSES IN 2015
BUSINESS R&D

CHEMICALS MANUFACTURING $4.4B
MACHINERY MANUFACTURING $1.9B
COMPUTER, ELECTRONIC PRODUCTS $1.5B
FINANCE INSURANCE $1.1B
TRANSPORT EQUIPMENT MANUFACTURING $600M
INFORMATION $516M
FOOD MANUFACTURING $385M
MISCELLANEOUS MANUFACTURING $369M
PROFESSIONAL SCIENTIFIC, TECHNICAL SERVICES $308M
FABRICATED METAL PRODUCTS MANUFACTURING $221M

TOP TEN R&D INDUSTRIES IN ILLINOIS
STARTUPS BY INDUSTRY

- IT 18%
- BIOMED & BIOTECH 15%
- HEALTHCARE/SOCIAL SERVICES 9%
- FOOD SERVICES 7%
- PROFESSIONAL, SCIENCE, CONSULTING 6%
- RETAIL/E-COMMERCE 5%
- FINANCE/INSURANCE 5%
- ARTS, ENTERTAINMENT, RECREATION 4%
- EDUCATION/EDTECH 4%
- ENERGY/UTILITIES/CLEAN TECH 4%
$877.5M in startup funding in 2018
5th largest GDP in the nation:

$347B + $313B < $796B

17th largest economy in the world.
THE TOP TEN

SITE SELECTION FACTORS

AVAILABLE & HIGHLY SKILLED WORKFORCE
TRANSPORTATION INFRASTRUCTURE
AVAILABLE BUILDINGS & SITES
STATE & LOCAL TAXES STRUCTURE
INCENTIVES
UTILITIES
REGULATORY ENVIRONMENT
UNIVERSITY & COLLEGE RESOURCES
COST OF REAL ESTATE
HOME TO 37 FORTUNE 500s
6.6 MILLION PERSON WORKFORCE
WHERE SCHOLARSHIP <strong>THRIVES</strong>

- 40% OF ILLINOISANS HAVE AN ASSOCIATES DEGREE OR BETTER

192 HIGHER EDUCATION INSTITUTIONS STATEWIDE

**TOP 5 FOR BEST PREPARED STUDENTS**

<em>Wall Street Journal</em>

ABOVE U.S. AVERAGE HIGH SCHOOL GRADUATION RATE ILLINOIS

<em>State Board of Education 2015</em>

86 NATIONALLY RANKED PUBLIC HIGH SCHOOLS

<em>U.S. News & World Report 2015</em>

71% OF HIGH SCHOOL STUDENTS TAKING COLLEGE COURSES

<em>Illinois State Board of Education 2013</em>

40 SPECIALIZED S.T.E.A.M. MAGNET ELEMENTARY SCHOOLS

<em>World Business Chicago 2015</em>
200+ HIGHER EDUCATION INSTITUTIONS STATEWIDE

INCLUDING THREE OF THE NATION’S TOP 20 UNIVERSITIES
BUSINESS
103.5K GRADS PER YEAR

COMPUTER
28.7K GRADS PER YEAR

STATEWIDE CORPORATE PIPELINE

ENGINEERING
37K GRADS PER YEAR

LEGAL
8.7K GRADS PER YEAR
WITHIN 4-HOUR FLIGHT
OF ALL NORTH AMERICAN DESTINATIONS
WITHIN A
FOUR HOUR
FLIGHT TO ALL MAJOR
NORTH AMERICAN
DESTINATIONS
ILLINOIS IS HOME TO TWO MAJOR INLAND PORTS & FOURTEEN WATERWAYS
OVER 70% OF THE U.S. POPULATION IS WITHIN TWO-DAY GROUND DELIVERY
THIRD LARGEST INTERSTATE HIGHWAY SYSTEM
145K MILES
OF HIGHWAY
IN ILLINOIS
THE ONLY STATE WITH ALL

SEVEN CLASS 1 RAILROADS
50 percent of all product being transported in the U.S. travels through metro Chicago.
A COMPETITIVE ENERGY MARKET WITH OVER $41B IN RATE SAVINGS SINCE 1999
A NATIONAL LEADER IN HEALTHCARE

GROWING THE NEXT GENERATION

CHICAGO RANKS IN THE TOP 25 FOR 15 SPECIALTIES
EXCEPTIONAL QUALITY OF LIVING
1.9K FOREIGN COMPANIES
WITH $100B IN INVESTMENT
Intersect Illinois’ purpose is to position the state of Illinois as one of the most innovative locations in the world, to attract new investment, jobs, and economic prosperity.
THANK YOU.

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