DISCOVERY PARTNERS INSTITUTE:
An engine for economic development

UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES
NOVEMBER 16, 2017
U of I researchers invent technologies and create knowledge. V PED I *elevates ideas* into practical applications that solve problems and change lives.
ECONOMIC DEVELOPMENT FRAMEWORK

From the pipeline to the public, we help ensure that U of I innovations stimulate and contribute to local, national and global economies.

Train & Retain Talent  
Support Entrepreneurs  
Create Innovation Clusters
Stronger Together.
An interdisciplinary public-private research institute located in Chicago, and a node of the Illinois Innovation Network.
Leveraging the excellence of the University of Illinois System and partners to dynamically accelerate innovation and drive economic growth
Enable world-class problem-solving to create life-changing products
Retain and grow local talent & attract companies
Address critical societal & industry challenges
Create foundation for unparalleled innovation
O U R  V I S I O N

Transformation of the 21st century Illinois economy by reinventing the role of the research university via interdisciplinary public-private partnerships that aggressively drive technology-based economic growth with global impact.

O U R  M I S S I O N

To create and deploy a pioneering networked innovation partnership that will attract genius-level faculty, students, and companies to work side-by-side to develop solutions, promote entrepreneurship, and empower inventors of the future.
THE CENTRAL NODE TO POWER THE
ILLINOIS INNOVATION NETWORK
ILLINOIS-LED TRANSFORMATION THROUGH INNOVATION PARTNERSHIPS

**U of I students** will spend up to 4 semesters at DPI

- Take classes online at partner institutions
- Work with resident companies and faculty
- Work at businesses, startups in Chicago
- Start a company

At full operation, DPI will serve up to **10,000 students** every 5 years
Development Plan

Initial development plan (by 2020):
• 500,000 sq ft lab, classroom, office space
• 498,000 sq ft residential space
• 50 faculty; 1,000 students; 200 staff
• 6 major corporate partners

Institute fully operational (by 2022):
• 1.8M sq ft
• 90 new faculty, 1,800 students
Transformative Research Themes

Computing, Big Data & Predictive Analytics

Biosciences & Health

Food & Agriculture

Other research areas will be defined based on industry partner needs, such as advanced manufacturing and nanotechnology.
PHYSICAL CHARACTERISTICS

LIVE • LEARN • WORK • PLAY • INNOVATE

Bold, iconic design
Light, open, interconnected

1.8M+ square feet of research labs, classrooms, offices, student dorms, faculty/staff housing

Neighborhood feel
Global destination with international feel

Indoor/outdoor space to enhance collaboration and ideation

Easy access by public transit, within walking/biking distance to neighborhoods, heart of the city

Connectivity
Virtual classrooms, collaborative technologies, autonomous transportation
90+ FACULTY
Recruit stellar faculty and world-class researchers
Offer competitive startup packages

1,800+ STUDENTS
Attract, support, retain talent
Provide program support
Create industry, Illinois job opportunities

INDUSTRY PROFESSIONALS
Create university-industry labs, cutting-edge teams
Invest-in/initiate early, team-centric research
License & commercialize intellectual property

GLOBAL ENTREPRENEURS
Develop full suite of entrepreneurial resources
Connect/link international engagement

WILL ATTRACT GLOBAL TALENT AND BUILD UNPARALLELED HUMAN CAPITAL
Contribute to doubling of state GDP with global impact

Catalyze more than $100B in investment over 25 years

Create 1 million jobs globally

Attract the best talent in the world

Educate and retain top talent in Illinois

Train 10,000+ entrepreneurs

Engage local community and promote social equity

Attract major global corporations

Create epicenter for game changing new technologies

Launch the next Google, GE, or Monsanto
AGGRESSIVE TIMELINE FOR RAPID BUILDOUT

<table>
<thead>
<tr>
<th>Phase 1</th>
<th>Phase 2</th>
<th>Phase 3</th>
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<tbody>
<tr>
<td>2017</td>
<td>2018</td>
<td>2020</td>
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<td>Design + Planning</td>
<td>Launch Institute + Groundbreaking</td>
<td>Institute Facilities Open</td>
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<td>Catalyze billions in private investment and new research funding</td>
<td>Build prosperity through massive job development and wealth creation</td>
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<td>Leverage ~$1B in U of I annual research dollars in addition to research funding of partners</td>
<td>Additional growth anticipated beyond Phase 3 pending funding</td>
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- Research and educational facilities, office space, and housing
- Add'l research, education facilities at U of I to support research
- Transportation between DPI, U of I campuses, and network nodes
- Endowment for competitive startup packages for 90 new faculty
- Endowment to support students, staff, and visiting scholars
- Endowment to support programming
NEW PARTNERSHIPS WILL BE ESTABLISHED IN THE COMING MONTHS AND YEARS
We’re Ready. Let’s go!