

Commercialization Successes & Challenges

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Building a Robust Campus Ecosystem

HOW THE **Entrepreneurship Ecosystem at Illinois** CAN WORK FOR YOU



ENTREPRENEURSHIP DISCOVERY

- **Entrepreneurship Courses, Certificates and ILEE BS Degree** ▶
- **Entrepreneurship Treks**
 - Silicon Valley Entrepreneurship Workshop ▶
 - Chicago Entrepreneurship Workshop ▶
 - ThinkChicago ▶
- **Innovation Living Learning Community (Innovation LLC)** ▶
- **Technology Disclosure** ▶
- **Entrepreneurship Forum** ▶
- **Entrepreneurship Lectures and Workshops**
 - V. Dale Cozad Lecture ▶
 - Startup Cafe ▶
 - How I Failed Lecture Series ▶
- **Entrepreneurship Student Organizations**
 - Founders ▶
 - EntreCORPS ▶
 - Entrepreneurs Without Borders ▶

COMPANY FUNDING

- **AWARE (Accelerating Women And underRepresented Entrepreneurs)** ▶
- **IllinoisVENTURES: Venture Capital Outreach** ▶
- **Urbana-Champaign Angel Network (UCAN)** ▶
- **SBIR and STTR Technical Assistance Program** ▶
- **Share the Vision: Innovation and Startup Showcase** ▶

GROWTH & CUSTOMERS

- **CEO Roundtable** ▶
- **Chicago Innovation Exchange (CIE) and Illinois Partnership** ▶
- **Entrepreneurs-in-Residence (EIR)** ▶
- **Incubation at EnterpriseWorks** ▶
- **Research Park Corporate Startup Intros** ▶

STARTUP IDEATION & VALIDATION

- **Faculty Entrepreneurial Fellows (FEF)** ▶
- **Illinois Innovation Prize (IIP)** ▶
- **Intellectual Property Clinic** ▶
- **Illinois Proof-of-Concept Program (I-POC)** ▶
- **SocialFuse: Find Teammates** ▶

COMPANY & TEAM FORMATION

- **Cozad New Venture Competition** ▶
- **NSF I-Corps at Illinois** ▶
- **I-Start Entrepreneur Assistance Program** ▶
- **iVenture Accelerator** ▶
- **Office of Technology Management Licensing** ▶

INNOVATION SPACES

- **EnterpriseWorks** ▶
- **Grainger IDEA Lab (Innovation, Discovery, Design, & Data Laboratory)** go.illinois.edu/dealab
- **Research Park** ▶
- **Siebel Center for Design** designcenter.illinois.edu
- **Maker Spaces at Illinois**
 - **Illinois MakerLab** makerlab.illinois.edu
 - **CU Community FabLab** cucfablab.org
 - **ECE Open Lab** openlab.ece.illinois.edu

LEARN MORE entrepreneurship.illinois.edu

- ▶ **Academy for Entrepreneurial Leadership** | business.illinois.edu/ael
- ▶ **Entrepreneurship Forum** | go.illinois.edu/eforum
- ▶ **IllinoisVENTURES** | illinoisventures.com
- ▶ **Innovation LLC (TEC)** | go.illinois.edu/innovationLLC
- ▶ **iVenture Accelerator** | iventure.illinois.edu
- ▶ **Office of Technology Management** | otm.illinois.edu
- ▶ **Research Park** | researchpark.illinois.edu
- ▶ **Technology Entrepreneur Center (TEC)** | tec.illinois.edu

These resources are managed by University of Illinois staff and are intended to primarily serve students, faculty, and staff of the Urbana-Champaign campus.

Lowering Barriers to Entry

- SocialFuse
- Cozad New Venture Competition



Lowering Barriers to Entry

- Faculty
 - Entrepreneur in Residence (EIR)
 - I-Start

**61**

Companies Have Been Accepted

44

SBIR/STTR Awards to Those 61 Companies

\$78.7M
in Venture
Capital Funding215:1 Leveraged
Funding from
EnterpriseWorks
Investment77% of Companies
Moved into the
Incubator, 9 Have
Graduated

Lowering Barriers to Entry

- NSF I-Corps



Increasing Collaboration Across the Midwest

- Midwest Engineering Entrepreneurship Network (MEEN)



Increasing Collaboration Across the Midwest



Low Entrepreneurial
Ecosystem Density

Communication Gaps
Between Researchers
& with Commercial
World

Accessing
Information,
Expertise,
& Talent

Limited
Knowledge
Accumulation
& Sharing

Midwest
Commercial
Base is
Largely in
Mature
Industries

Increasing Collaboration Across the Midwest

- Incubator Network



Successes: Growing Ecosystem

83 Unique
Startups

239 Disclosures
in FY2016

Record 125 Teams
in Campus NVC

EIR Program:
200+Entrepreneurs
Counseled
Annually

i-Start: 60 Teams
in Program,
225: Leveraged
Dollars

SBIR Assistance:
~30% of Award \$
to State of Illinois
to EW











Challenges

Business
Management

Engaging Alumni
and Nearby
Expertise

Still Looking for
Value
Propositions

Challenges

| RANK | SCHOOL | NUMBER OF ENTREPRENEURS | NUMBER OF COMPANIES | CAPITAL RAISED |
|------|----------------------------------------------------------------------------------------------------------|-------------------------|---------------------|----------------|
| 1 |  Stanford | 1,127 | 957 | \$22.6B |
| 2 |  UC Berkeley | 1,089 | 961 | \$17.1B |
| 3 |  MIT | 907 | 780 | \$16.1B |
| 4 |  Harvard | 844 | 750 | \$21.9B |
| 5 |  UPenn | 788 | 712 | \$13.9B |
| 6 |  Cornell | 721 | 666 | \$14.8B |
| 7 |  Univ. of Michigan | 689 | 614 | \$9.4B |
| 8 |  Univ. of Texas | 600 | 551 | \$5.9B |
| 9 |  Tel Aviv University | 582 | 486 | \$6.7B |
| 10 |  Univ. of Illinois | 506 | 460 | \$6.3B |

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