

Promise Realized: Outcomes from Investment in U of I Economic Development Mission

Research and Education as Engines of Economic Development

December 13, 2013

Economic Impact: Power in Numbers

77,443

students enrolled on
our campuses

23,499

employees

20,000

degrees granted
each year

\$800
million

external research
funding

\$5.6
billion

annual budget

\$10
billion

annual state
economic impact

Unmatched Engineering and Development Capacity

3,035

engineering degrees in 2012 from Urbana & UIC

13,725

engineering students from Urbana & UIC

16=
Top 5

Urbana undergraduate/graduate programs

21=
Top 10

Urbana undergraduate/graduate programs

\$236 million
3rd in Nation

College of Engineering at Urbana externally-funded research in 2012

Research to Market:

NCSA

- NCSA will bring \$1.5 Billion in federal funding to Illinois by end of 2015;
- Has research partnerships with 1/3 of Fortune 50 Companies

Blue Waters

- World's fastest academic supercomputer
- University/corporate partnership
- Will bring ~ \$500 million in new federal dollars into Illinois

National Digital Engineering & Manufacturing Coalition

- public-private consortium helps small /medium manufacturers access computer modeling
- \$5 million from federal investment and private investors includes Deere, Lockheed Martin, GE and P&G.

XSEDE

- \$121 million integration of digital imaging and computational tools

Research to Market: Gateway to Partnership

Institute for Genomic
Biology - Urbana

UIC Innovation
Center

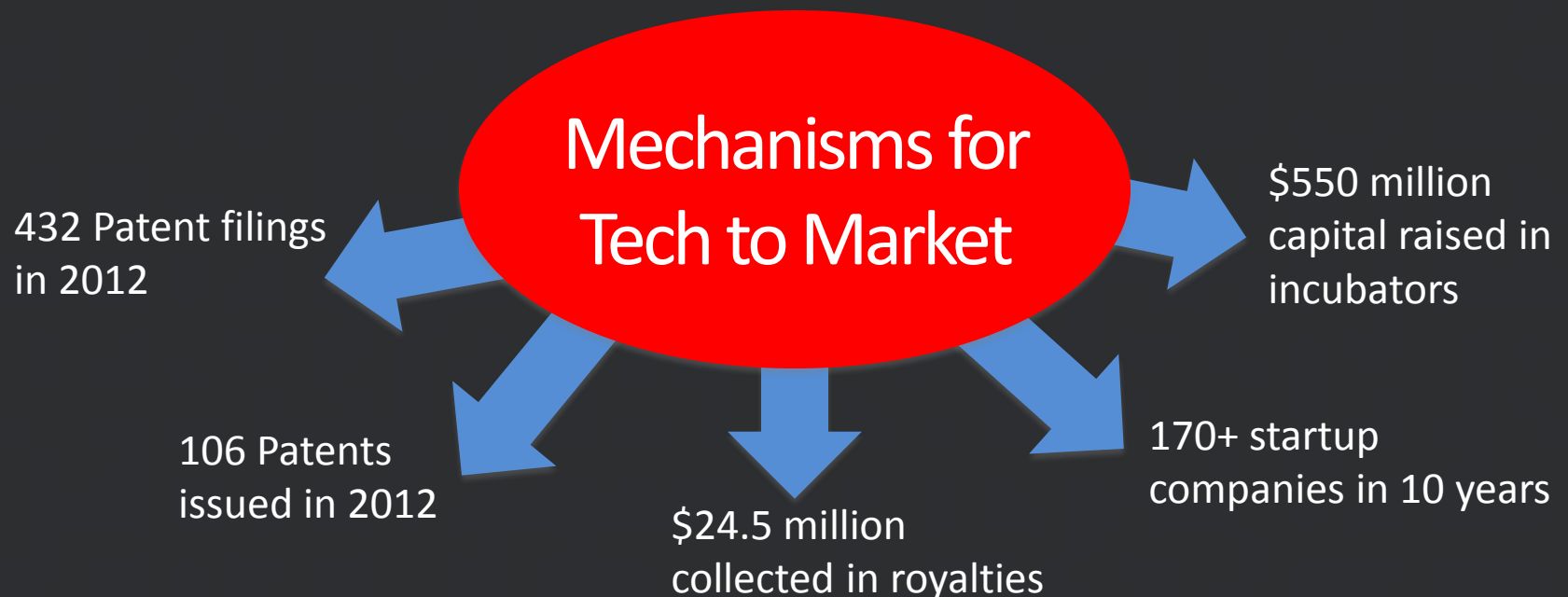
Grant Income to date:
\$186 million

Energy and Biofuels Institute (EBI):
\$500M project with UC-Berkeley and BP
Center for Nutrition, Learning and
Memory:
5-year project with Abbott Nutrition

Initial and continuing funding from
Motorola
New partnership/support with
Baxter
Intersection of education, research
and industry

Research to Market: A Mature Infrastructure

Research Park, EnterpriseWorks, UIC Chancellor's Innovation Fund, Health Technology Innovations Center, Office of Technology Management, IllinoisVentures



Research to Market: Interface for Practical Solutions

Applied Research Institute (Urbana)

- Collaboration and partnership-building
- 10 years in planning/implementation
- Rapid response to sponsors

Starlight (UIC)

- Communication intersection for information superhighway
- NSF and DOE partners
- World's largest advanced research networking hub

Joint Center for Energy Storage Research

- Argonne + Urbana & UIC + Corporations + University Partners = \$120 million
- Developing battery and storage technology foundational for new energy economy

University of Illinois



Promise Realized

URBANA-CHAMPAIGN • CHICAGO • SPRINGFIELD