
Advancing Entrepreneurship, Innovation and Technology Transfer

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ASU Knowledge Enterprise Development

September 8, 2017



ASU is a **comprehensive public research university**

research

entrepreneurship

discover

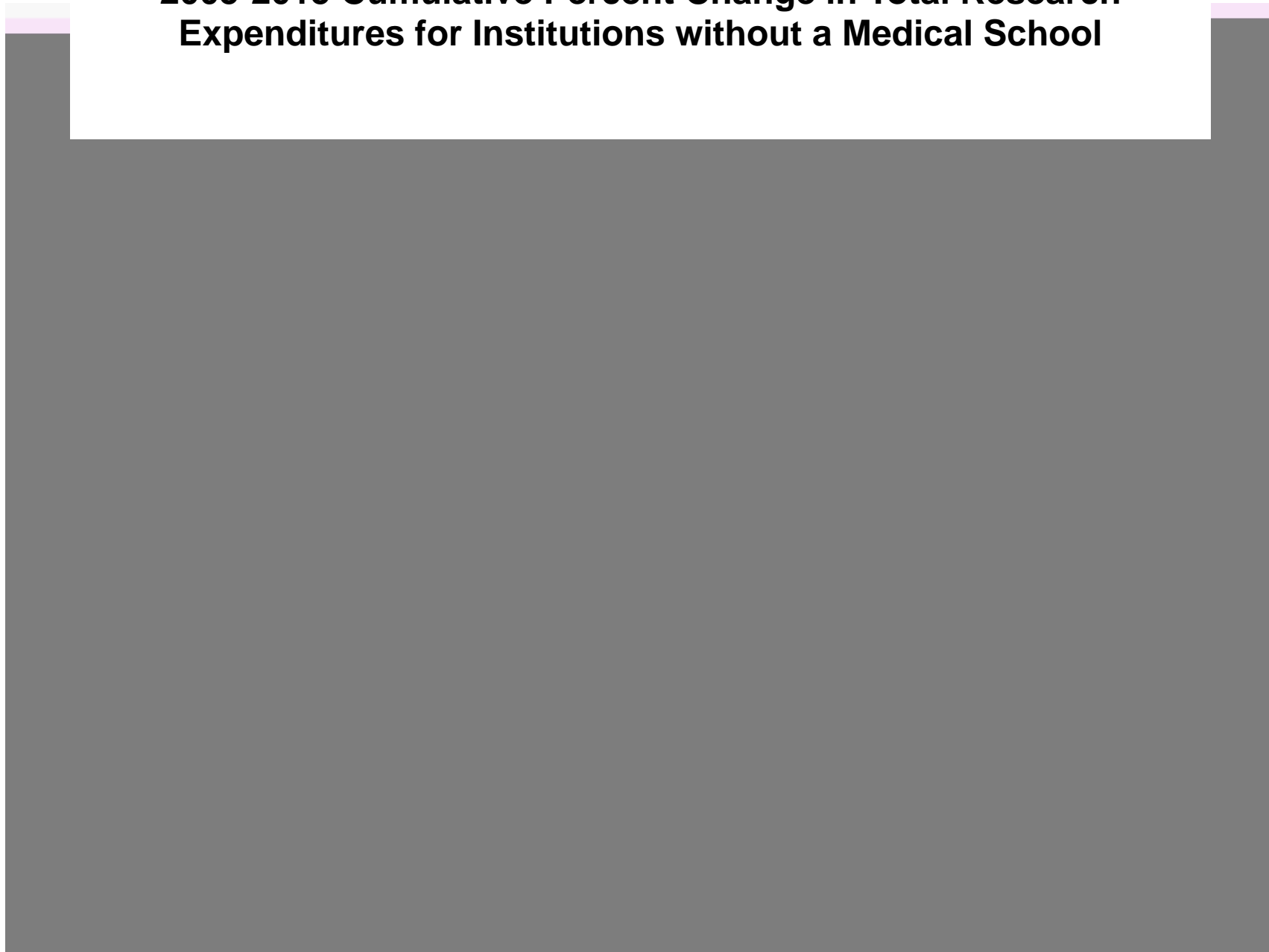
**Creating a
culture of
Innovation**

innovation

commercialization

We reimagined a number of existing structures to drive a culture of innovation and created a mindset of perpetual innovation on all fronts

2005-2015 Cumulative Percent Change in Total Research Expenditures for Institutions without a Medical School



National Rankings

Total Research Expenditures: **49** of **876** ahead of

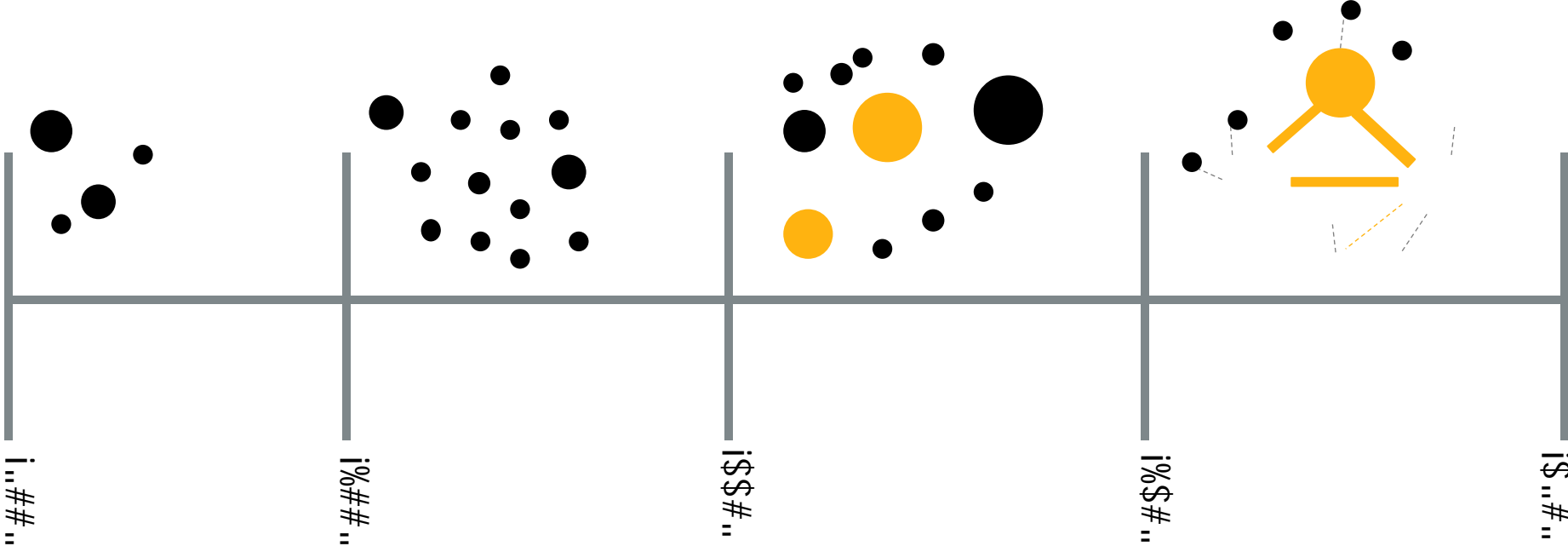


Total Research Expenditures among Institutions without a Medical School:
10 of **724** ahead of



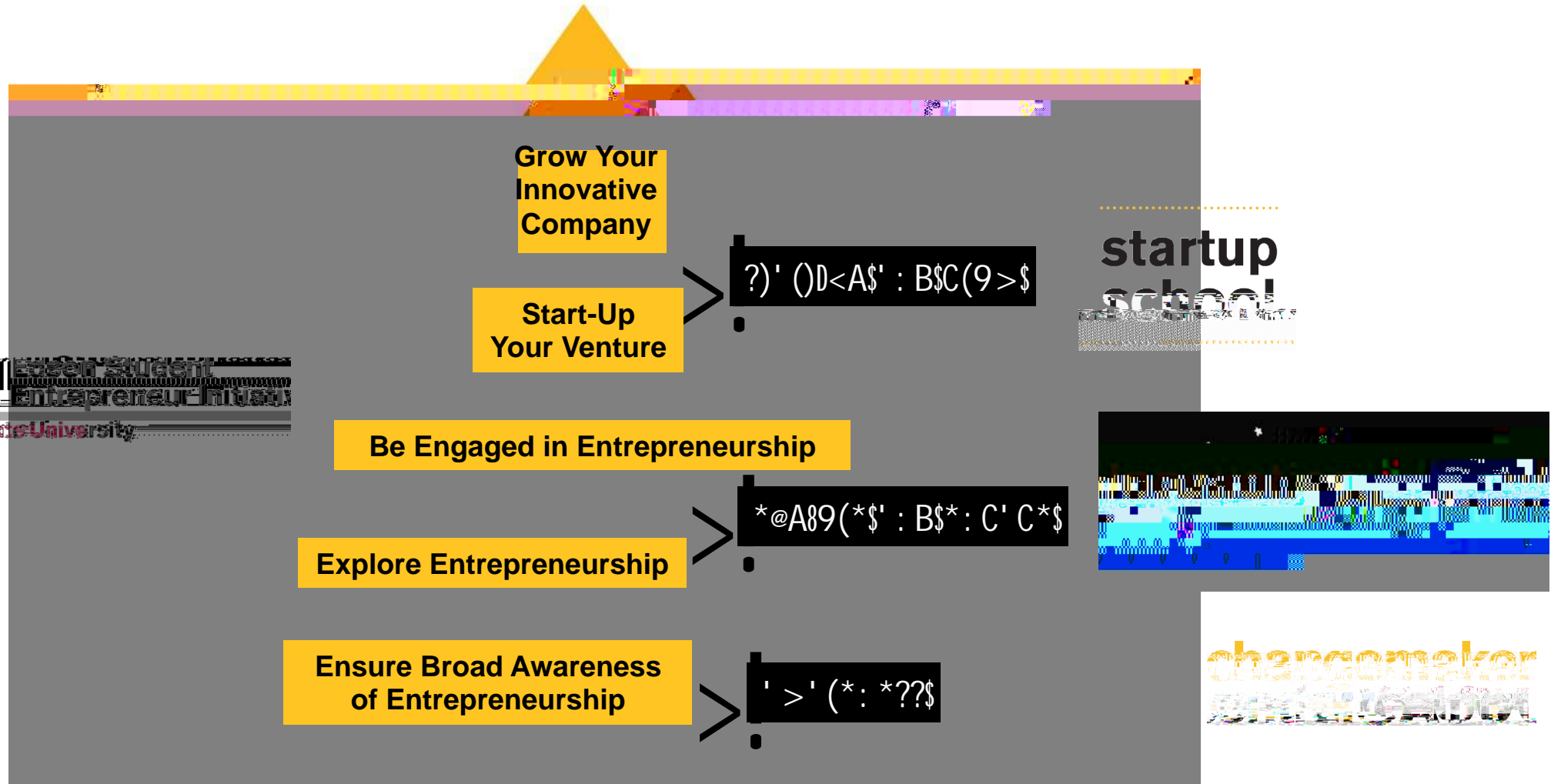
Non-Medical School Expenditures: **27** of **876** ahead of

Evolution of Entrepreneurship @ ASU

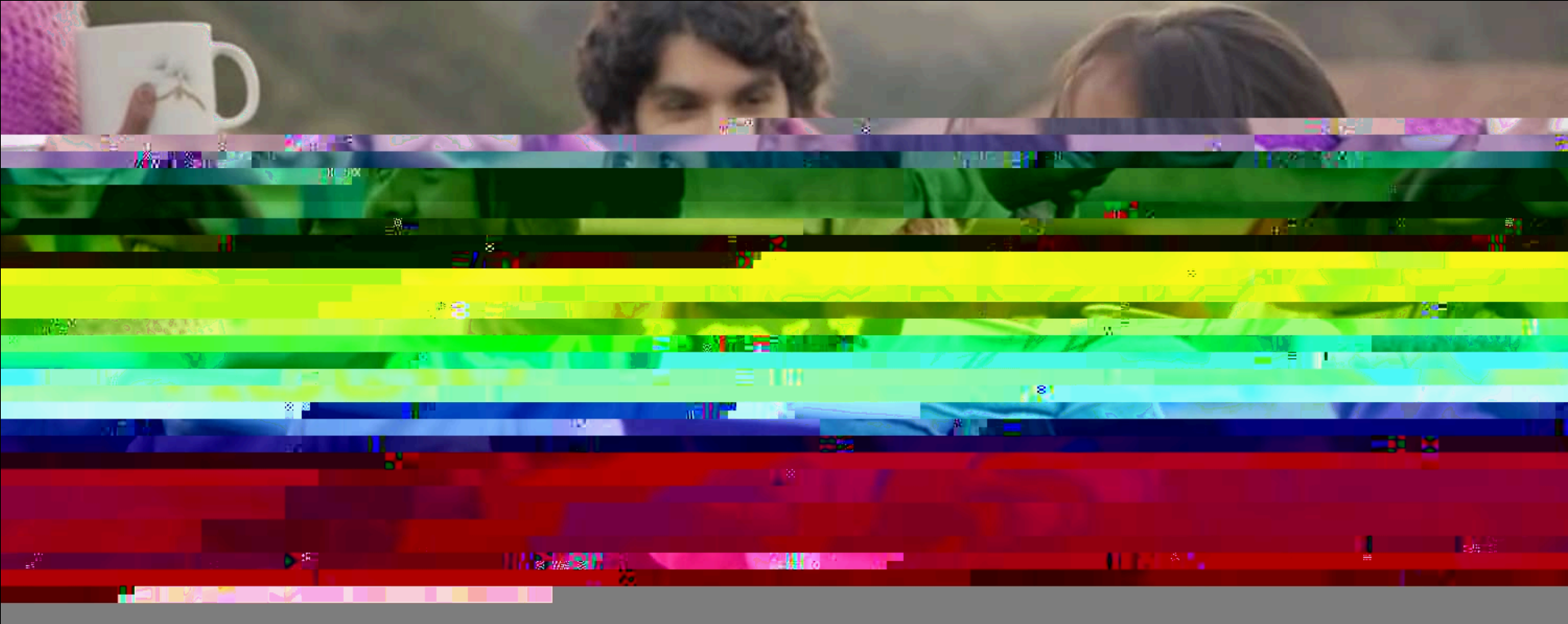




Building a Culture of Entrepreneurship



Student Entrepreneurial Pride



Faculty Entrepreneurial Efforts

Cody Friesen: Fluidic Energy™, co-founder

- Sustainable energy storage solutions
- \$150+ million in funding from strategic, venture and government sources
- Over \$10M in ARPA-E grants
- IFC investment of \$7M

Zero Mass Water / Zero Mass Labs

- Produce potable water using solar energy
- Water supplies could be produced locally & affordably
- Pilot projects in developing countries with scarce water resources

100,000,000

SkySong

70+ companies, a majority of which are in IT, Ed Tech and Healthcare

Student Entrepreneurs

300+ startups
1,200+ students

Faculty Entrepreneurs

100 startups based on ASU faculty IP with over \$600+ million in venture funding.

Technology Transfer in the last decade

2,500 invention disclosures
400+ U.S. patents
More than \$35 million in license and options income

ASU Innovation Campuses:



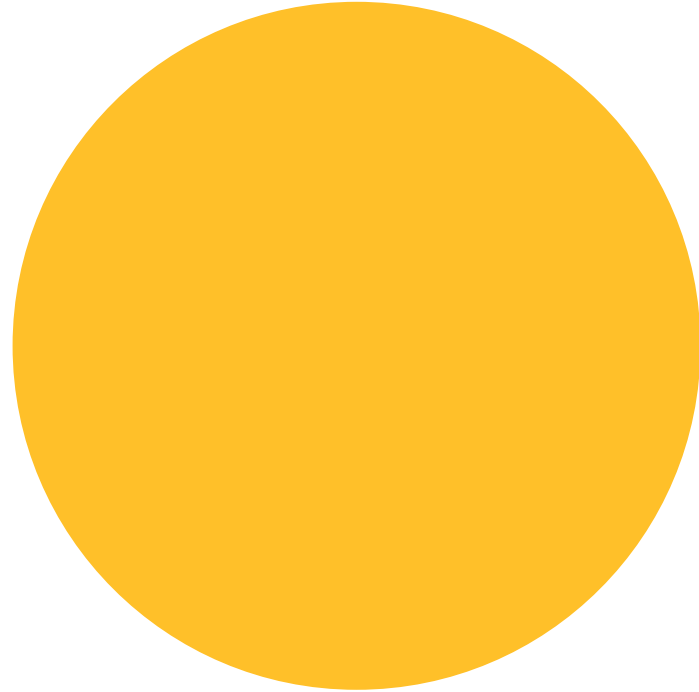
Research Park

Polytechnic campus

Stadium District



Entrepreneurship Ecosystem Partners

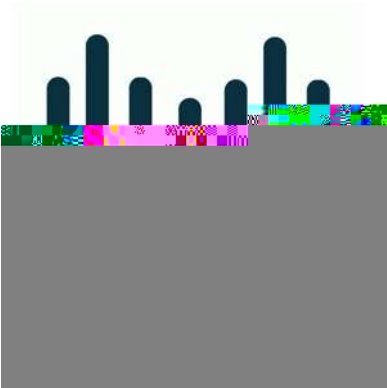


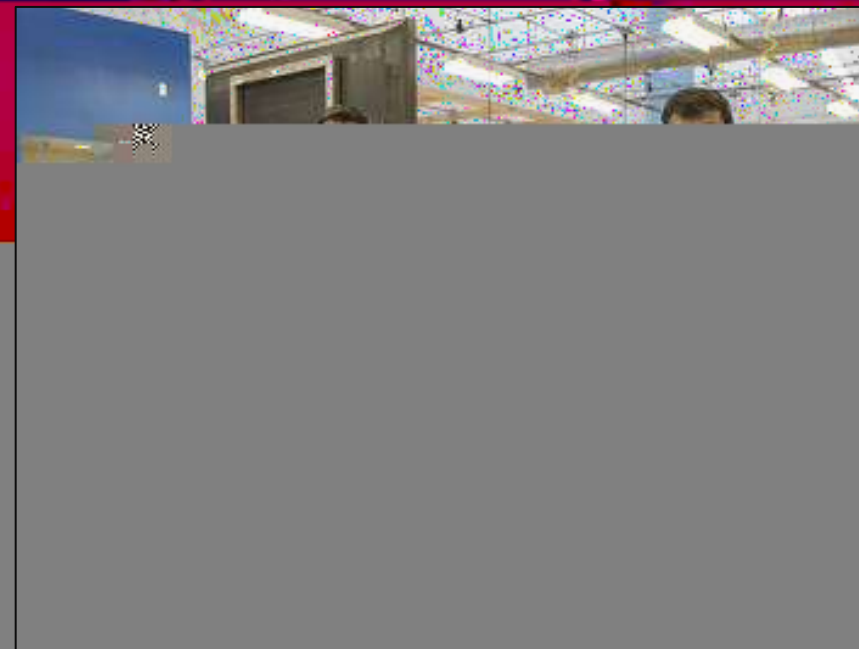
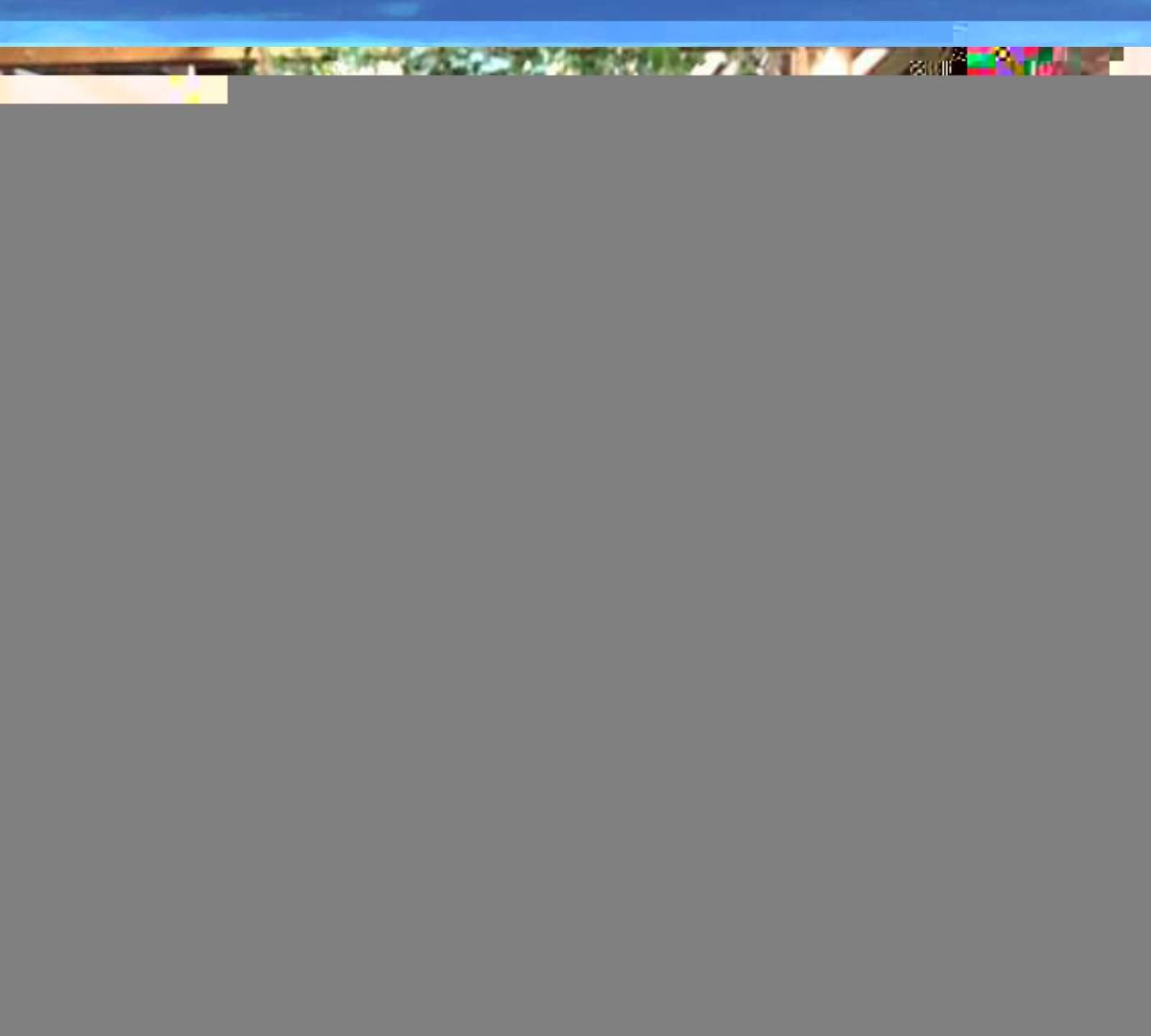
Community Collaboration

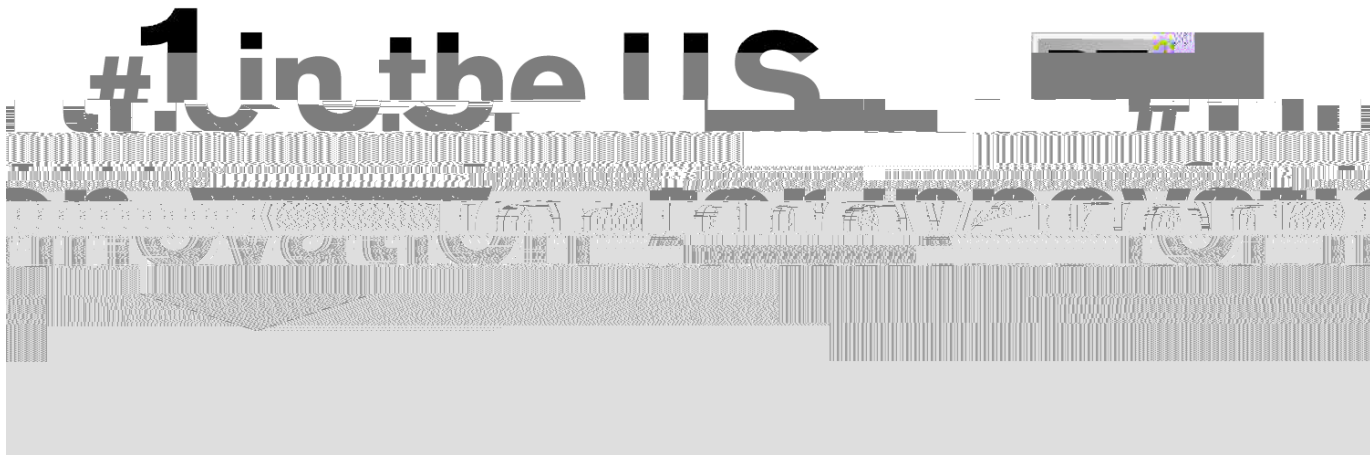
- ASU **partners** with community-based local and regional organizations
- Partnerships include delivering programming, referring resources, and **promoting Phoenix-wide initiatives**
- Partners like Ashoka, include ASU in national networks of practice



Major Funders





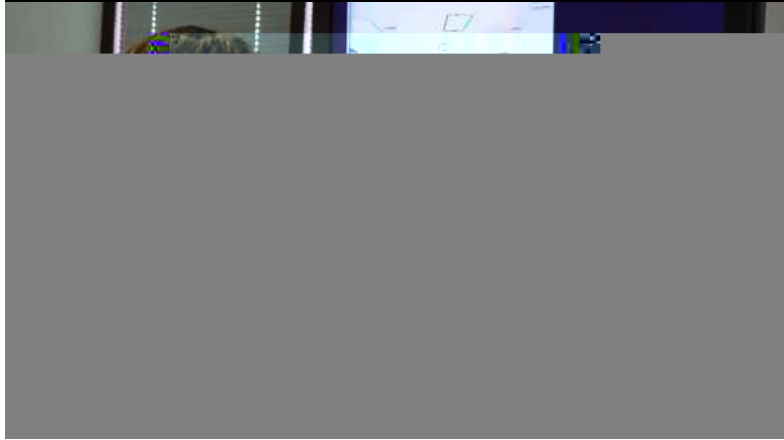


ASU Hackathon



Luminosity: A Platform for Leading-edge Student Projects

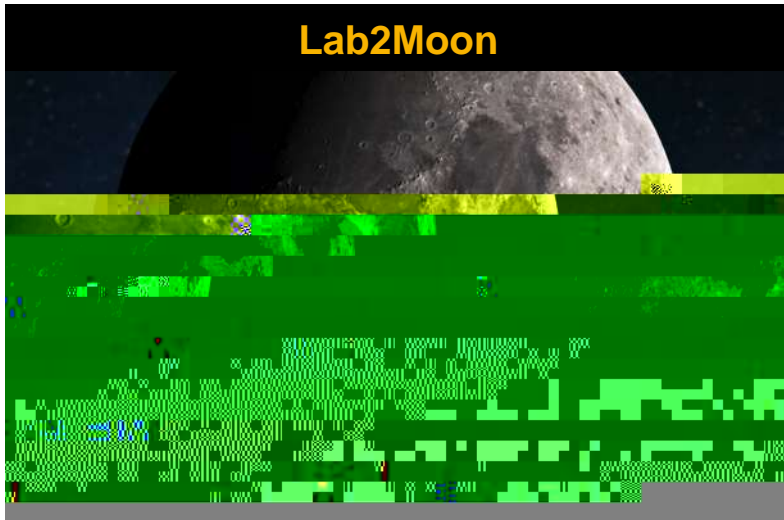
AI driven glasses for the blind



Safety escort Drone prototype



Lab2Moon



Atlas



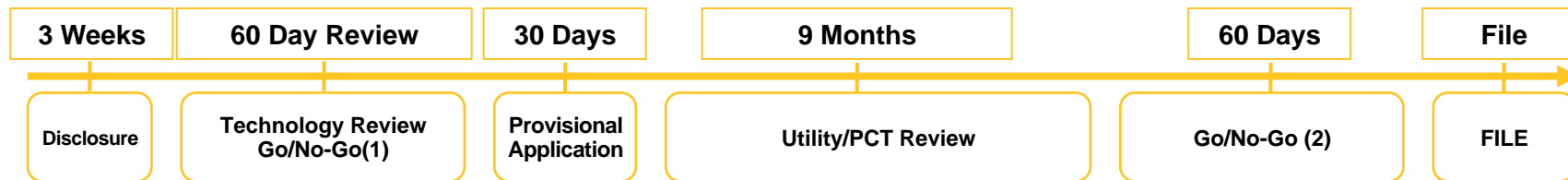
Tech Transfer Growth Model



Impact

Inventor Touch Points

Patent Prosecution



Buy Review

Five Years of AUTM Rankings

- AzTE / ASU rankings per \$10M in research expenditures among all institutions with more than \$300M in expenditures (n=~70)

	FY10				

ASU #21 in Tech Transfer Rankings

Research universities are one of the strongest assets
America can use to compete in the age of innovation.



ahead of



Thank you

