DEEP DIVE INTO DEEP TECH INCUBATION

DEEP TECH INCUBATION AND ACADEMIA NEXUS

SUNY

NSF

Colleges and universities play a unique and critical role supporting the development and commercialization of technologies that will transform how we live and work. Creating an environment that seamlessly bridges the discovery and transfer of deep tech innovations through academia to commercialization can often be an impediment to success due to the complexity of scaling from lab to market.

Here we look at how some of the nation's leading academic institutions manage the deep tech commercialization process by fostering a thriving research translation nexus and instilling strong entrepreneurial cultures across their campuses.

WHAT YOU NEED TO KNOW ▶

PARTNERSHIPS AND NETWORKS

- Alumni networks serve as valuable assets – knowledge, connections, partnerships, and financial support can be offered to the right venture, founder, or researcher

- For MedTech or Biomedical startups, it's important to provide easy access to the university's affiliated hospital or clinic for demonstration of prototypes

- Having a network of experts readily available on a university campus who can contribute to problem-solving either formally or informally and suggest new product/market ideas is critical

HOW THE SUNY RESEARCH FOUNDATION CONTRIBUTES TO INNOVATION

- $1.7 Billion Research Expenditure   - 1,763 Patents   - 800+ Active Licenses   - 121 Spinouts   - 18 Incubators

RESOURCES

National Science Foundation's Small Business Innovation Research   •   National Science Foundation's I-Corps

WHAT DEEP TECH THOUGHT LEADERS HAVE TO SAY

"Don't collaborate for the sake of collaboration. There has to be added value for all involved.

JONATHAN FAY
UNIVERSITY OF MICHIGAN

Recommended strategies for successfully connecting large corporations with commercialization programs?
- Make student talent available
- Reduce friction around IP negotiations
- Understand and translate deliverables

JULIE LENZER
UNIVERSITY OF MARYLAND

"We've placed a strong emphasis on public-private partnerships. None of us can do everything, but together our complementary resources can help on many fronts.

BRAD ROTH
UNIVERSITY OF NEBRASKA

"Helping companies fail fast is just as important as being wildly successful.

HEATHER HAGE
GRIFFISS INSTITUTE

Check out the Deep Tech Incubation and Academia Nexus webinar for more insights from our deep tech thought leaders. For more on the *Deep Dive into Deep Tech Incubation* initiative, visit our Deep Tech resources page.