

University of Maryland

- Land grant
- Flagship for state of Maryland
- Largest research university and largest producer of degrees and STEM degrees in Md/DC/Virginia
- AAU member
- With medical school in Baltimore produce over \$1 billion annually in research and development
- Ranked in top 50 research universities globally
- State of Maryland is second most research intensive economy in the U.S.

UMD enjoys nation's most extensive partnerships with federal laboratories

- Quantum computing and NIST
- Climate change and NOAA/NASA
- Autonomous Systems and DOD
- Food Safety and FDA
- Biopharma manufacturing and regulatory science with FDA/NIH/NIST
- Cyber security and NSA/DHS/NIST
- Terrorism studies with DHS
- Energy research with Dept. of Energy/ARPA-E
- Virtual and augmented reality with NSF/DOD

Policy Initiatives at UMD and in state of Maryland

- State-chartered a technology intermediary (TEDCO)
- Added entrepreneurship to faculty promotion and tenure standards
- Created State matching funds for endowed professors in areas of economic growth in Maryland (virtual reality/cyber security/biotechnology)
- Directed state retirement system to consider private equity fund for investing in university start ups
- Auctioned state life insurance premiums to create state venture fund
- Reformed state ethics laws for university entrepreneurs
- Created enterprise zones around university research parks and federal labs in Maryland
- Created international incubator and expanded international science and technology (S & T) partnerships
- Considering expanding federal funded i-CORPS program with state funds



Getting Around Innovation Choke Points

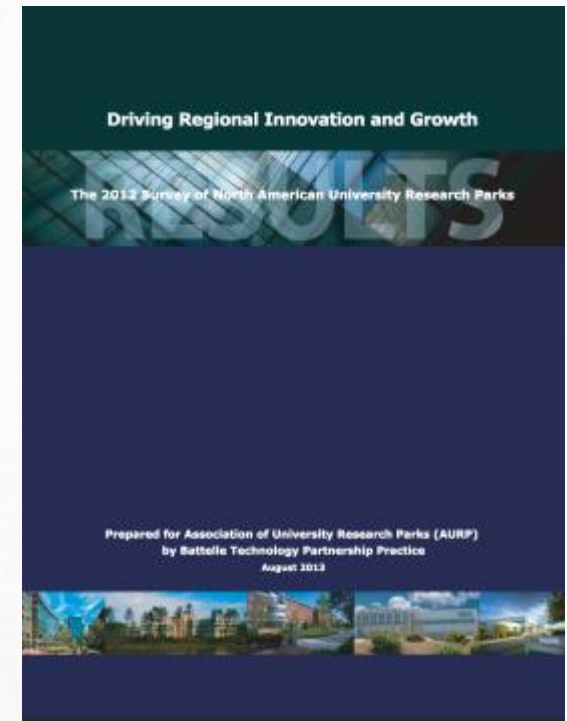




Innovation and Economic Prosperity University Designees



Association of University Research Parks White Papers & Publications

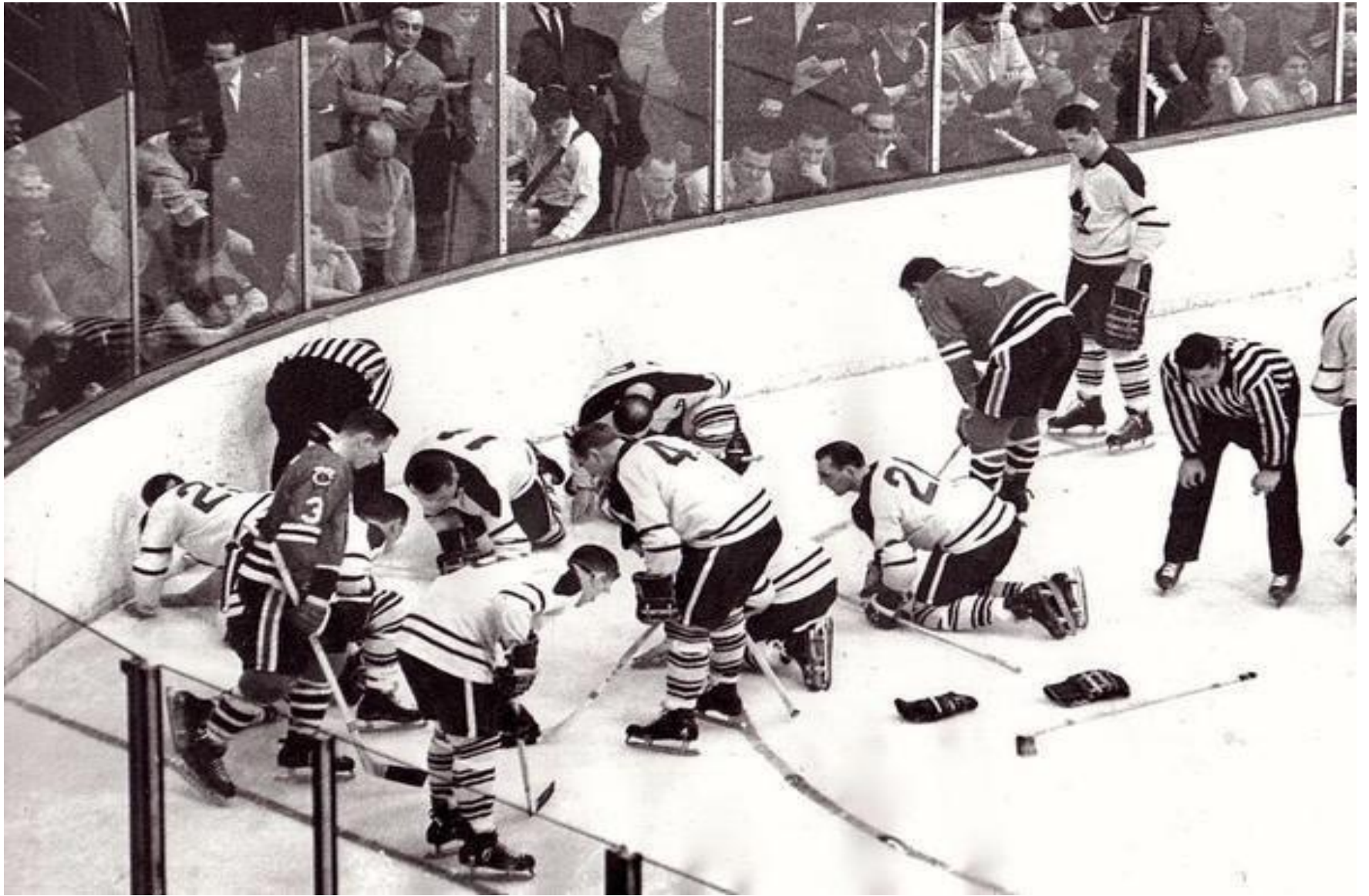


Innovation Coalition



Issues

- 21st Century Cures Act (passed!)
- Renewal of COMPETES Act (passed!)
- Innovation Infrastructure?
- Getting permission is easier than getting new \$
- How do we get ideas implemented by Administration or Congress?



When We Worked Together!