



Oklahoma Center for the Advancement of Science and Technology

# OCAST: An Investment in Oklahoma's Future

*Senate Budget and Performance Hearings*

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# OCAST

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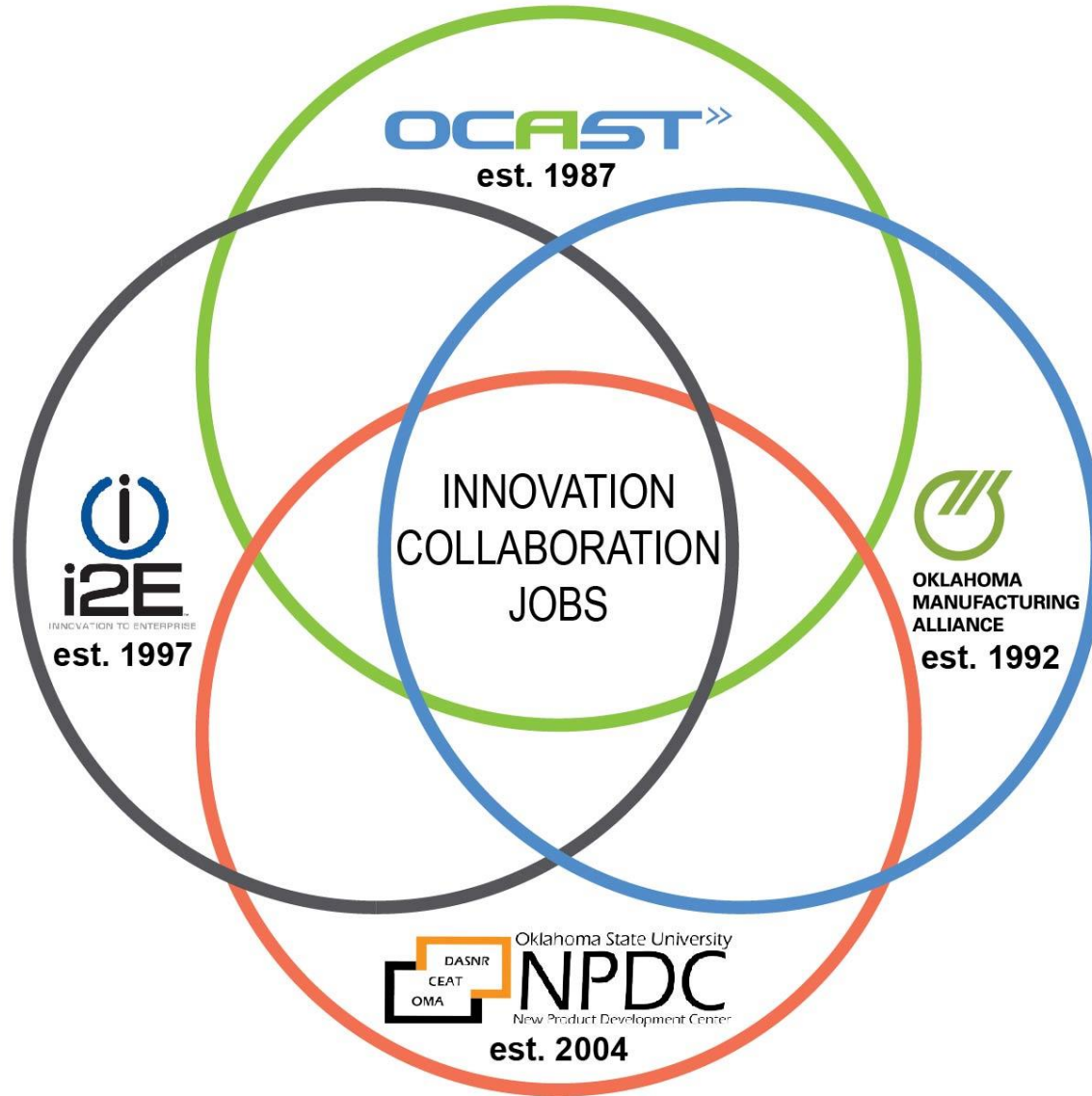
*Since 1987, the state's agency and engine for technology development, technology transfer and technology commercialization*

# Key Performance Metrics

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- ROI (21:1 cumulative over 28 years)
- Number of jobs created/retained (12,494 in last five years)
- Higher salaries of technology jobs (average \$55,000)
- Increase in entrepreneurial activity (Forbes, Kauffman, Kiplinger, NerdWallet, WalletHub)
- Total economic impact (\$5.4 billion)

# Oklahoma's Innovation Model



# Keys to Building Oklahoma's Innovation Economy

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- Science and technology capacity
- Investment
- Small business development
- Talent
- Public/private collaboration

# Leveraging OK's Research Capacity

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- Private-sector Network
- OSU/OU/TU
- 23 Regional Colleges and Universities
- OU Health Sciences Center
- OSU Center for Health Sciences
- OSU School of Veterinary Medicine
- Oklahoma Medical Research Foundation
- William K. Warren Foundation
- Dean A. McGee Eye Institute
- Oklahoma Blood Institute

# Success: Roll-2-Roll Technologies

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- Created the ARIS Web Guidance System
- Development began at OSU and Roll-2-Roll was “spun-out” of the university
- ARIS can significantly reduce downtime and waste for any manufacturer who utilizes a roll-to-roll manufacturing process
- Roll-2-Roll made its first sales last quarter with a promising 2016 outlook
- Based in Stillwater with four employees

# Success: IMMY



- Develops medical diagnostic tests for fungi
- Certain fungal infections in the developing world can be deadly
- Broke ground in October on new facility in Norman
- New facility will allow company to further diversify into medical diagnostics that can be performed in sub-standard environments
- Based in Norman with 30 employees, adding an additional 50



# Success: HydroHoist



- Established in 1964 as a manufacturer of boat lifts
- Is diversifying away from a single product line
- Company now provides plastic rotomolding services to many companies
- Product line has expanded to include storm shelters, anti-drag attachment for semi-trucks and now agricultural products
- Based in Claremore with 75 employees

# “Leverage” or Return on Investment (ROI)

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Current budget (FY 2016):	\$15.9 million
Cumulative ROI (1987-2015):	21:1
ROI for 2015:	33:1

# Budget Request – FY 2017

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- FY 2016: \$15,970,000
- FY 2017 (request): \$15,970,000
- One Time Funds (request): \$798,500
- General and Administrative costs: less than 5%
- 95% of appropriation goes to programs

# OCAST: Vital to the Diversification and Growth of Oklahoma's Economy

# Agency Profile

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- Mission: technology-based economic development for diversifying and growing Oklahoma's economy and high-paying jobs
- Strategic partners: Oklahoma Manufacturing Alliance, i2E and OSU's New Product Development Center Center
- FY 2016 Budget: \$15.9 million
- Current FTE: 16
- Projects awarded over 28 years: 2,564
- Total dollars awarded over 28 years: \$258 million
- Impact as result of awarded dollars: \$5.4 billion
- Cumulative (28-year) ROI: 21:1
- G & A cost: 3.9%