



**Development
Services Agency**



News Release

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Ohio Advancing Cutting-Edge Technology *Third Frontier Accelerating New Ideas and Solutions*

Today, the Ohio Third Frontier Commission approved \$5.34 million to help move new technologies and innovative products into the marketplace.

“Advancing these new ideas and solutions continues Ohio’s great history of innovation,” said Lydia L. Mihalik, director of the Ohio Development Services Agency and chair of the Ohio Third Frontier Commission. “Innovation is in our DNA, and these are the technologies and companies that will keep Ohio moving forward.”

Technology Validation and Start-Up Awards

The Ohio Third Frontier **Technology Validation and Start-up Fund** (TVSF) provides grants to Ohio institutions of higher education and other nonprofit research institutions. The funding is for testing and prototyping to demonstrate that technologies are commercially viable, with the goal of validating and licensing them to companies.

Bon Secours Mercy Health Foundation, located in the city of Toledo (Lucas County), was awarded \$200,000 for the Bon Secours Mercy Health Technology Validation Fund.

Case Western Reserve University, located in the city of Cleveland (Cuyahoga County), was awarded \$500,000 for the Phase 1 Technology Validation Start-up Fund.

Cincinnati Children’s Hospital Medical Center, located in the city of Cincinnati (Hamilton County), was awarded \$500,000 for the Cincinnati Children’s Innovation Ventures Acceleration Program.

The Cleveland Clinic Foundation, located in the city of Cleveland (Cuyahoga County), was awarded \$500,000 for the Cleveland Clinic Technology Validation Start-up Fund IV.

The Ohio State University, located in the city of Columbus (Franklin County), was awarded \$500,000 for the Accelerator Awards.

University of Cincinnati, located in the city of Cincinnati (Hamilton County), was awarded \$500,000 for the University of Cincinnati’s TVSF Phase 1 program.

University Hospitals Health Systems Inc., located in the city of Cleveland (Cuyahoga County), was awarded \$500,000 for the University Hospitals Technology Venture Fund.

Wright State Applied Research Corporation, located in the city of Dayton (Montgomery County), was awarded \$200,000 for the MedTech Launch Fund.

Companies aiming to license institution-owned technologies can also receive funding to accelerate commercialization through activities such as market research and further prototyping. This helps companies either raise funds or get the licensed technology to the marketplace faster.

Anemed Inc., located in the city of Kirtland (Lake County), was awarded \$148,630 for the development and commercialization of a non-invasive, custom-fit mouth guard to prevent the tongue from blocking the airway during sleep.

Cashel Neural Inc., located in the city of Cleveland (Cuyahoga County), was awarded \$144,000 for the development and commercialization of new therapies for Multiple Sclerosis.

DasiSimulations LLC, located in the city of Dublin (Franklin County), was awarded \$150,000 for the development and commercialization of predictive modeling software to individualize aortic valve replacement procedures.

Haima Therapeutics LLC, located in Cleveland (Cuyahoga County), was awarded \$150,000 for the development and commercialization of a synthetic nanoparticle technology that can be injected via IV to help stop bleeding in canines.

Hemaptics LLC, located in the city of Cleveland (Cuyahoga County), was awarded \$150,000 for the development and commercialization of software to help health care providers more effectively utilize blood products.

Mitria Medical, located in the city of Cleveland (Cuyahoga County), was awarded \$150,000 for the development and commercialization of an implant to support the left ventricle of the heart to prevent bleeding.

OuMuam, located in the city of Powell, (Delaware County), was awarded \$100,000 for the development and commercialization of a narrow pipeline inspection robotics system.

PolyLux LLC, located in the city of Akron (Summit County), was awarded \$150,000 for the development and commercialization of an adhesive that adheres strongly but can be removed without causing pain or damage to a patient's skin.

Protein Capture Science, located in the city of Dublin (Franklin County), was awarded \$150,000 for the development and commercialization of new protein purification technology that will reduce cost and enhance the purification process.

RightFlow Medical, LLC, located in the city of Shaker Heights (Cuyahoga County), was awarded \$150,000 for the development and commercialization of an implantable device to treat glaucoma in patients who have failed to respond to medication.

S4 Mobile Laboratories LLC, located in the city of Fairlawn (Summit County), was awarded \$100,000 for the development and commercialization of a spectroscopy device to locate human burial sites in shallow subsurface soil.

Tasseogen, Inc. located in the city of Westerville, (Franklin County), was awarded \$150,000 for the development and commercialization of an AI-driven platform that improves genome data analysis to diagnose genetic diseases more accurately.

Three Firefighters LLC, located in the city of Columbus (Franklin County), was awarded \$100,000 for the development and commercialization of a sensor technology to track first responders when entering and exiting a building on fire and limiting fire growth by starving it of oxygen.

Vitranu Inc., located in the city of Columbus (Franklin County), was awarded \$150,000 for the development and commercialization of an implant system to deliver medication in treating age-related Macular Degeneration.

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