



**For Immediate Release**  
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## **Ohio Supporting New Technology, Startup Companies** *Third Frontier Investing in Medical and Cell Phone Technology*

Today the Ohio Third Frontier Commission approved \$1.55 million to commercialize new technologies and products, advancing startup and early-stage companies.

"We are investing in the entrepreneurs that are moving technology into the marketplace, creating companies and jobs," said David Goodman, director of the Ohio Development Services Agency and chair of the Ohio Third Frontier Commission.

### **Technology Validation and Start-Up Awards**

The Ohio Third Frontier **Technology Validation and Start-Up Fund** provides grants to move technology developed by Ohio institutions of higher education and other nonprofit research institutions into the marketplace. The institutions can receive funding to demonstrate that a technology is commercially viable through activities such as testing and prototyping. The ultimate goal is to license the technology to start-up and early-stage companies.

Companies can also receive funding from the program 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.

**Case Western Reserve University**, located in the city of Cleveland (Cuyahoga County), was awarded \$50,000 to further develop an injectable compound that stimulates bone regeneration, helping bones heal after trauma or surgery to remove cancerous tumors.

**Cleveland Clinic**, located in the city of Cleveland (Cuyahoga County), was awarded two \$50,000 grants to: further develop a nuclear medicine tracer to detect prostate cancer, and further develop the Urocapsule, a wireless device to help guide diagnosis and therapy for people with urinary incontinence.

**The Ohio State University**, located in the city of Columbus (Franklin County), was awarded \$50,000 to further develop a welding technology to fuse metals faster and at lower cost than current methods.

**University of Akron**, located in the city of Akron (Summit County), was awarded \$50,000 to test and validate 3D printing as a method for producing artificial skin that can detect force and temperature. The technology is designed to help with control and gripping in prosthetics and robotics.

**University of Toledo**, located in the city of Toledo (Lucas County), was awarded \$50,000 to further develop an implant that helps repair bones. The implant is made from nitinol instead of conventional alloys, which allows it to be manufactured by 3D printing.

**Nikola Labs, LLC**, located in the city of Columbus (Franklin County), was awarded \$100,000 to commercialize a protective cell phone case that will also keep the phone charged longer. The technology extends battery life by harvesting energy from radio waves coming from the cell phone itself and from Wi-Fi signals from the environment.

**Thermomorph, LLC**, located in the city of Toledo (Lucas County), was awarded \$150,000 to further develop and test a device to extract blood clots. The technology could make this surgery less

expensive than current methods.

### **Commercial Acceleration Award**

The **Commercial Acceleration Loan Fund** bridges the gap between an entrepreneur's need for capital and the traditional sources of financing primarily reserved for established businesses. The program supports companies showing potential to grow substantially in size and value over a relatively short period of time. It provides financing alternatives to help early-stage companies commercialize their products and get them to the marketplace.

**Eccrine Systems, Inc.**, located in the city of Cincinnati (Hamilton County), was awarded a \$1 million loan to commercialize sweat sensor technology. The technology uses disposable skin patches to transmit real-time data about medical conditions through human sweat.

*Sign up for [TechOhio](#) to learn how Ohio Third Frontier is helping grow Ohio's technology economy. It tells the stories of Ohio's entrepreneurs, sharing the breakthrough technologies, cutting-edge research and innovative companies being developed across the state.*

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