

Launch Minnesota Innovation Grants

Fourth Round – May 2020

Berd, St. Louis Park

\$37,500 SBIR Phase II grant

Producing hybrid metal and polymer materials with first product being lightest weight bicycle spokes.

Cambridge Technologies, Worthington

\$32,090 SBIR Phase II grant

Developing herd specific vaccines for veterinarians.

MFr Technologies, Maple Grove

\$21,000 business operations grant

Developing surgical instrument to help regenerate cartilage in joints.

Nanodropper, Rochester

\$28,000 business operations grant

\$7,500 housing-childcare for entrepreneur
Developing an eyedrop bottle adaptor that was created to increase access to expensive eyedrop medications by reducing the waste.

Poma 22, Mendota Heights

\$7,500 housing-childcare for entrepreneur

Created a helmet with high-powered air duct system that provides an ear-to-ear air curtain to shield workers from airborne contaminants.

RenewPower, Minneapolis

\$31,500 business operations grant

Developed a modular, renewable-energy based power generation and storage system.

Stratix Labs, St. Paul

\$21,000 business operations grant

\$7,500 housing-childcare for entrepreneur
Developing ready-to-go anti-biofilm and anti-sanitizer test kits.

UR Turn, Minneapolis

\$21,000 business operations grant

Building a platform for progress tracking of middle and high school students.

Visana Health, St. Paul

\$19,800 business operations grant

Developing an app for women with severe menstrual pain.

Visyn, Minneapolis

\$21,000 business operations grant

Building a holographic system to learn movement skill for sports and medical markets.

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Third Round – April 2020

[Anatomi, Minneapolis](#)

\$7,500 housing-childcare grant for entrepreneur

Creating advanced models of neurological diseases for developing new treatments.

[Berd LLC, St. Louis Park](#)

\$7,500 housing-childcare grant for entrepreneur

Producing hybrid metal and polymer materials with their first product being lightest weight bicycle spokes.

[Better Time, St. Paul](#)

\$7,500 housing-childcare grant for entrepreneur

Developing a digital coach to help people make better health and wellness decisions.

[Geneticure, Inc., Rochester](#)

\$24,500 business operations grant

Delivering personalized medicine via pharmacogenomics.

[InControl Health, Inc., Minneapolis](#)

\$28,000 business operations grant

Developing a cooling hat for chemo patients to prevent hair loss.

[Odonata Health, Inc., Stillwater](#)

\$31,500 business operations grant

\$7,500 housing-childcare grant for entrepreneur

Developing a wearable sensor platform technology to acquire maternal and fetal biometric data.

[Radwave Technologies, Inc., St. Paul](#)

\$24,500 business operations grant

Developing a surgical platform for minimally invasive medical procedures.

[Tychon Biosciences, Minneapolis](#)

\$28,000 business operations grant

Commercializing an immune-therapy technology for cancer patients.

[Vemos, LLC, Minneapolis](#)

\$24,500 business operations grant

Providing an analytics and mobile payments system serving the hospitality industry.

[We Sparkle, St Paul](#)

\$24,500 business operations grant

Developing a conversational AI assistant for small appointment-based service businesses.

[Yonder, LLC, Coon Rapids](#)

\$31,500 business operations grant

Developing an education platform to prepare kids for dental visits.

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Second Round – March 2020

Better Time Company, St. Paul

\$21,000 business operations grant

Helping people make better health and wellness decisions with a digital coach.

Cylark Labs, St. Paul

\$21,000 business operations grant

Creating an AI-guided self-fitting system for OTC hearing aids.

D'Avocado, Orono

\$24,500 business operations grant

Creating packaged food products made with avocados.

Extempore, St. Paul

\$24,500 business operations grant

Developing a speaking practice app for foreign language students.

Insight Sensing, St. Paul

\$21,000 business operations grant

Developing system to provide crop performance indicators for fertilizer management.

Metselex, Minneapolis

\$21,000 business operations grant

Developing therapies to treat neurodegenerative disorders associated with cell death, such as Alzheimer's.

Novo Clade, St. Paul

\$35,000 business operations grant

Working to bring chemical free environmentally friendly insect control to market.

Phraze, Inc., Rochester

\$31,500 business operations grant

Creating a digital medical scribe to automate clinician's medical documentation.

Poma 22, Mendota Heights

\$21,000 business operations grant

Creating a helmet with high-powered air duct system that provides ear-to-ear air curtain to shield workers from airborne contaminants.

Primal Health, Minneapolis

\$35,000 business operations grant

Creating consumable daily dental hygiene products for animals and humans.

Terrafore Technologies, Minneapolis

\$28,000 business operations grant

Developing thermal energy storage to provide dispatchable solar power generation to the grid.

Thrivors, St. Paul

\$21,000 business operations grant

Reducing cancer drug therapy abandonment through a health platform targeted at cancer patients/survivors.

Virtue Analytics, Woodbury

\$24,500 business operations grant

Providing student-specific financial aid offers via a SaaS platform for higher ed.

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First Round – January 2020

Anatomi Corp, Minneapolis

\$31,500 business operations grant

A life science research tools company that manufactures advanced models of human neurological disease useful for the development of new treatments for conditions such as Alzheimer's, Parkinson's, and chronic pain.

Aurora Concussion Therapy, St. Paul

\$28,000 business operations grant

Medical device company focused on commercializing a non-invasive concussion therapy.

Binary Bridge, Minneapolis

\$31,500 business operations grant

A portable electronic medical records system that can facilitate a full clinic in remote villages.

Char Energy Equipment, Ada

\$24,500 business operations grant

Formed to design, build, and sell its patented horizontal-bake gasifier.

Darcy Solutions, Minneapolis

\$31,500 business operations grant

\$15,000 housing-childcare grant for two entrepreneurs

Provide most energy- and cost-efficient way to provide heating and cooling while also significantly reducing carbon emissions.

Educharacter, Minneapolis

\$31,500 business operations grant

\$7,500 housing-childcare grant for entrepreneur

SayKid is a voice technology company that has developed the world's 1st screenless, play-based learning platform.

Farm Vision Technologies, St. Paul

\$37,154 SBIR Phase II grant

Automation of yield mapping to improve harvesting processes.

General Probiotics, St. Paul

\$28,000 business operations grant

Develops innovative cellbots, antimicrobial probiotics that eliminate harmful pathogens in livestock, enable the production of safe food, and reduce dependency on antibiotics.

GRIP Molecular Technologies, St. Paul

\$28,000 business operations grant

\$7,500 housing-childcare grant for entrepreneur

Molecular detection device used at point-of-care to enable the rapid identification of chemical and biological threats.

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First Round – January 2020

Guardian Athletics, Mankato

\$28,000 business operations grant

Kato Collar is affordable technology that slows down the head by up to 30% upon impact, reducing forces on the brain that cause injuries.

LEAH Labs, Rochester

\$35,000 business operations grant

LEAH Labs is developing a new curative treatment for canine cancer, starting with a therapy for B cell lymphoma, the most common cancer in dogs.

Live Give Save, Red Wing

\$28,000 business operations grant

Spave is a fintech mobile app that enables anyone to use their everyday purchases to increase their savings as well as give to causes they care about without changing behavior.

Marblehead Medical, Rochester

\$44,918 SBIR Phase II grant

Acute ischemic stroke care has been revolutionized with multiple trials showing the efficacy of mechanical thrombectomy retrieval devices.

Otrafy, St. Paul

\$28,000 business operations grant

\$7,500 housing-childcare grant for entrepreneur

Otrafy helps food processors and manufacturers manage the collection, storage, and transfer of certification data across the food chain.

Phenomix Sciences, Rochester

\$35,000 business operations grant

Mayo Clinic startup with a disruptive new technology geared toward obesity management.

Quench Medical, St. Paul

\$31,500 business operations grant

Quench Medical is developing the first inhaled route of delivering an approved chemotherapy medication to treat lung cancer by directly targeting lung tumors and minimizing systemic toxicity.

Remote Insights, Minneapolis

\$28,000 business operations grant

A sow management solution using artificial intelligence, sensors, and other advanced technologies to monitor the animal's health events.

Sasya, St. Paul

\$31,500 business operations grant

Technology development enterprise that delivers environmentally-responsible solutions targeted to replace petroleum-derived chemicals.

TerraCOH, Minneapolis

\$44,965 SBIR Phase II grant

Engineering analysis and design of Co2 Geothermal power system to provide dispatchable geothermal electricity generation and grid-scale energy storage.

Virtuwoof, Minneapolis

\$28,000 business operations grant

A technology platform for mobile and web that enables veterinarians to offer virtual care to their existing clients.