Is your company ready to meet the needs of health's new frontiers?

The Translational Research Institute for Space Health seeks health tech disruptors with novel approaches to advancing healthcare – for astronauts, and for patients here on Earth. Funding is available for companies with preseed, seed, A and B-stage technologies ready to take their novel ideas into space.

The Institute's support gives your company:

- **Non-dilutive capital:** NASA & TRISH take no IP, no equity, and no royalties.
- **Technology validation:** TRISH-funded projects undergo a rigorous scientific vet and review process for technology feasibility, resulting in a credible path to market.
- **Technology maturation and de-risking:** Move closer to market with maturation.
- **Pathways to government sales and new markets:** TRISH encourages success in US healthcare markets and enables access to a secondary market: space.
- **Outreach amplification:** As a NASA-funded Institute tasked with finding the next paradigm-shifting technology, TRISH elevates the companies we fund to the public and the investment community.

MATURATION GRANTS

This SBIR-style grant matures early-stage technologies or translates terrestrial technology for use in space, including feasibility-related experimental or theoretical research and development. Further support can advance – but not necessarily complete – the scientific and technical merit and commercial potential of the project.

TRISH has awarded *over 1 million* to mature projects with high potential to solve NASA's greatest health challenges.

VALIDATION GRANTS

Larger, proof of concept grants for space-relevant validation mechanisms and clinical settings.

TRISH regularly awards $500,000 or more to validate space-relevant technologies through this funding channel.

IN ACTION

Ultrasound technology is the gold-standard for medical imaging in spaceflight, allowing physicians to see what's going on *inside* the body.

Yet existing terrestrial machines are big and expensive – challenging to take to space.

Butterfly Networks, Inc. developed the Butterfly iQ. This hand-held device shrinks the ultrasound down to the size of an electric razor and connect it to a smartphone. The AI-driven platform guides non-expert users to capture high-quality medical images.

TRISH enabled Butterfly Networks, Inc to deliver their technology to NASA. In 2018, Butterfly iQ was used for a health screening of returning ISS crew when the Soyuz capsule landed in a remote area of Kazakhstan.

The price shrank, too: the Butterfly iQ device is now for sale on the terrestrial market at $2,000 per wireless device.

Butterfly Networks, Inc.: www.butterflynetwork.com

TRANSLATIONAL RESEARCH INSTITUTE FOR SPACE HEALTH

Baylor College of Medicine · Caltech · MIT

The Translational Research Institute for Space Health is a lean, virtual institute empowered by the NASA Human Research Program to solve the challenges of human deep space exploration.

We find and fund disruptive, breakthrough approaches that reduce risks to human health and performance for astronauts on the way to Mars.

The Institute is a consortium led by Baylor College of Medicine and includes California Institute of Technology and the Massachusetts Institute of Technology.

MEET TRISH

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