



HRP



Investigators: Pitch Proposals to Test Crew Health on Commercial Spaceflights



SpaceX's Falcon 9 rocket launched the Axiom Mission 1, carrying the first all-private astronaut crew to the International Space Station, on April 8, 2022.

Credit: NASA/Joel Kowsky

The NASA-funded Translational Research Institute for Space Health (TRISH) seeks proposals to support crew health and performance on commercial spaceflights for its Enhancing eXploration Platform and ANalog Definition (EXPAND) Program.

What are we seeking?

Proposals for this solicitation should focus on two topics:

- **Exploratory Science:** This topic seeks new, hypothesis-driven scientific studies to support safe and successful human space travel. Subtopics are listed in the [formal request for proposals](#).
- **Technology Demonstrations:** This topic seeks successful, mature ground technologies or interventions that would benefit from demonstration in spaceflight. Subtopics are listed in the [formal request for proposals](#).

Funded projects will be divided into two phases. The first phase, the “Flight Definition Phase,” will consist of preparation for a potential spaceflight. The second phase, the “Flight Implementation Phase,” will provide support before, during, and after a specific spaceflight has been identified. Please refer to the [Notification of Funding Opportunity \(NOFO\)](#) and the [Appendix](#) for full details.

If you have a research idea that fits with this solicitation, follow the steps below to submit a proposal:

1. **Learn about TRISH’s EXPAND Initiative.**
2. **Read the TRISH NOFO.**
3. **Read the Appendix**, which requires a Step-1 proposal to be considered for a Step-2 proposal submission. Please refer to the solicitation for submission requirements.
4. **Attend the pre-proposal webinar** at 2 p.m. ET, March 19, 2025. [Register here.](#)
5. **Submit a proposal through NSPIRES.** Step-1 proposals must be submitted for review by April 16, 2025. Proposers considering submitting a proposal must register in the system and award management (SAM) database to ensure ability to receive funds if selected.

Who can submit a proposal? All categories of U.S. institutions and companies are eligible to submit proposals. Principal investigators may collaborate with universities, the private sector, and federal, state, and local government laboratories. Please visit the [EXPAND Exploratory Studies Request for Proposals](#) for full details.

Research Duration: Two years.

Award: Project award totals can reach a maximum of \$200k for technology demonstrations and \$300k for exploratory science studies. Please refer to the [Appendix](#) for specific award amount details.

Resources: Learn about the TRISH [EXPAND Program](#) and the [EXPAND Database and Biorepository](#). Attend the [pre-proposal webinar](#) at 2 p.m. ET, March 19, 2025. A recording of the webinar will be made available within the [formal request for proposals](#).

Deadline: Step-1 proposals are due 11:59 p.m. ET, April 16, 2025. Proposers who are invited to submit Step-2 proposals must submit by July 2, 2025.

Background on TRISH EXPAND: The EXPAND Program collects health and performance data from commercial spaceflights before, during, and after missions. The data gathered is housed in the

EXPAND centralized research database and biorepository.

Background on TRISH: TRISH is a virtual institute empowered by the NASA Human Research Program to help solve challenges of human deep space exploration. TRISH pursues and funds research to deliver scientific and technological solutions that advance space health and help humans thrive wherever they explore, in space or on Earth. [Learn more about TRISH.](#)

Questions? Follow the link [here](#) for a form and select “open solicitation” to submit questions.

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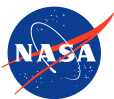
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