

# SPACE HEALTH

A composite image of celestial bodies including Mars, Earth, the Moon, and Venus against a starry space background. The planets are arranged in a roughly horizontal line across the center of the frame. Earth is the largest and most prominent, showing blue oceans and white clouds. To its left is the reddish-orange planet Mars, and to its right is the grey, cratered Moon. Further to the left is the yellowish planet Venus, and further to the right is another reddish-orange planet, likely Mars again. The background is a dark, starry space.

## Surviving in the Final Frontier

A feature documentary for Giant Screen theaters and a subsequent 6-part docuseries exploring the current and future state of space health science, research, technology and innovation.

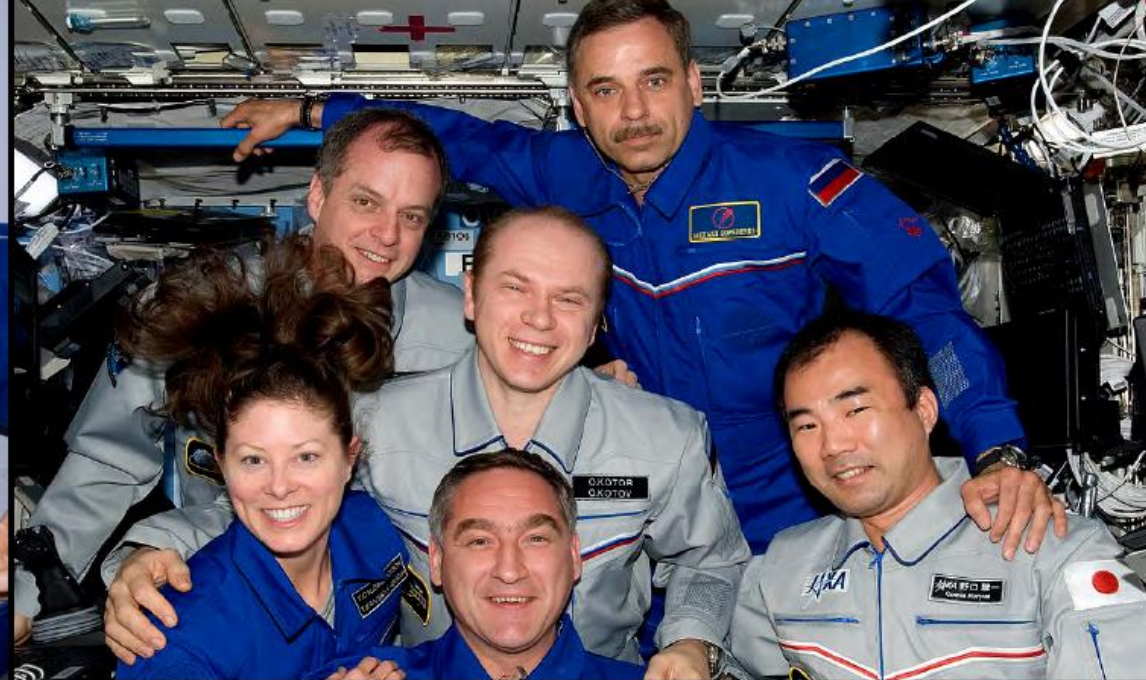
# CONCEPT

Both the giant screen film and the docuseries will feature on-location, in-person interviews with NASA scientists, researchers, astronauts, innovators and space experts worldwide. Their scientific knowledge, expertise and perspective will be supported by rich and compelling archival film, video and photography provided by NASA, along with state-of-the-art CGI visuals.

The initial giant screen documentary film will offer audiences a well-informed and thought-provoking “big picture” look at the research, innovations and problem solving being accomplished by the dedicated people up in space and here on the ground. The film will illustrate the challenges to overcome and the triumphs that these science “heroes” look to achieve in our ongoing quest to not only survive in space but to thrive as an interplanetary species. The challenges of keeping humans healthy in space propels us to innovate in ways that continue to enhance how we live here on earth.

The subsequent 6-part docuseries will feature in-depth examinations of the current top areas of concern for space health scientists such as Food, Behavioral Health, Radiation, Medical Autonomy, Medical Technology, Spacesuits, and Artificial Gravity & Habitats. Each episode will also include a segment featuring current and former astronauts discussing their in-space experiences and insights into the needs for successful prolonged stays on the Moon and eventually on Mars.





# STAYING HEALTHY IN SPACE







# A GIANT SCREEN EXPERIENCE







# AN ON-GOING DOCUSERIES





# SPACE HEALTH



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**Surviving in the Final Frontier**



Dynamic Digital Content Worldwide was created by entertainment veterans who saw an opportunity to provide informative and compelling content for the ever-expanding broadcast platforms becoming available. DDC Worldwide develops and produces projects for television, film and documentaries spanning all platform and viewing options.

Partners David Hock, Charles Shaughnessy and David Shaughnessy have more than eighty years of collective entertainment experience, all of which has garnered five Emmy awards over the years. Their production experience spans soap operas, episodic television, reality TV, animated series, MOW's, shorts, documentaries and even large-scale musical stage productions.

In 2022, DDC Worldwide was proud to produce a full-length documentary about space health for NASA and their Translational Research Institute for Space Health (TRISH), which was for use exclusively as an internal outreach, educational and marketing tool for both NASA and TRISH. DDC Worldwide is now excited to bring their expertise and knowledge of the inner workings of the space community to an ever-increasing global audience.



# Afterglow Studios

## Luke Ployhar, Producer/Director



After having spent more than 20 years as a production coordinator and creating visual effects for such films as *Minority Report*, *Armageddon*, *Speed 2: Cruise Control*, *Planet of the Apes* and *Inspector Gadget*, Luke created Afterglow Studios, a multi-media content provider specializing in 3D animation, visual effects (VFX), motion graphics, full-length feature films and documentaries, short form films, augmented reality, virtual reality, design graphics and interactive experiences for private sector clients. Afterglow films have been presented in all formats from standard theatrical release format, to large screen IMAX format, 3D, AR and VR.

Luke's focus and passion has been the space world, having now produced and directed numerous space themed projects for large screen formats.





# **Jennifer Fogarty, Ph.D.**

## **Space and Scientific Technical Advisor**



Jennifer Fogarty, Ph.D. is currently back at NASA for the Science Mission Directorate overseeing the Space Biology, Human Research Program and Mars Campaign Office departments. Dr. Fogarty also serves as the president for The Organization for Space Medicine, Engineering and Design (OSMED), a non-profit founded to support the future of human spaceflight. She spent the last two years as the Chief Scientific Officer for the Translational Research Institute for Space Health (TRISH), a NASA funded consortium, having spent the previous 14 years at NASA, as the Chief Scientist for NASA's Human Research Program. Dr. Fogarty has more than 20 years of operational, science strategy, and research experience addressing space exploration's most challenging human health and performance risks. Her expertise focuses on developing and expanding medical technologies for use in remote medicine, telemedicine, and emerging autonomous medical systems. Her mission is to improve health, performance, and quality of life by increasing access to high-quality healthcare in space and on Earth, as well as empowering astronauts, patients, and medical providers with evidenced-based precision medicine and technologies.



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