

# Key Non-Polar Destinations Across the Moon to Address Decadal-level Science Objectives with Human Explorers: Panel on Human and Biological Science

## Meeting No. 1 – Open Session

July 9, 2025

ALL TIMES IN US EASTERN DAYLIGHT TIME (UTC-4:00)

WEDNESDAY, JULY 9, 2025

### OPEN SESSION

Livestream: <https://vimeo.com/event/5234548>

09:30 AM	Welcome and Overview of the Meeting	Dr. Ron Turner, Chair, Panel on Human and Biological Science
09:45 AM	<i>Thriving in Space: Ensuring the Future of Biological and Physical Sciences Research Decadal Survey for 2023-2032</i> (45-minute presentation and 45-minute discussion)	Dr. Rob Ferl, Dr. Krystyn Van Vliet Co-Chairs, BPS Decadal Survey
11:00 AM	NASA Human Systems Risk Board (30-minute presentation and 30-minute discussion)	Dr. Daniel Buckland Deputy, Human Systems Risk Board, NASA
12:00 PM	Working Lunch for Members	
01:00 PM	Radiation Shielding: Key Gaps and Potential for Human Support (30-minute presentation and 30-minute discussion)	Dr. Lisa Simonsen, Senior Scientist, Space Radiation Systems, NASA
02:00 PM	Space Radiation Analysis Group Moon to Mars Space Weather Gaps and Operational Support (30-minute presentation and 30-minute discussion)	Dr. Kathryn Whitman Research Scientist, NASA
03:00 PM	Break	
03:30 PM	Lunar Effects on Agricultural Flora (LEAF) Program (30-minute presentation and 30-minute discussion)	Ms. Christine Chamberlain Vice President, Space Lab Technologies

### IMPORTANT NOTES

#### Members of the General Public:

- Remote access will be provided through a live stream on Vimeo. This will also be publicly available and posted on the Board website. You do not need to register.

Thank you all for your cooperation, and we look forward to a successful meeting.