

Human Research Program for Civilians in Spaceflight and Space Habitation Workshop Agenda Day One – Jan. 23, 2024		
	Breakfast	8:00 – 9:00 AM
Welcoming remarks from Workshop Sponsors and Host	Dr. Bettina Beard presides: Opening welcoming remarks 1. Dr. Paul Wilde, IAASS; 2. Dr. Josef Koller, The Aerospace Corporation; 3. Dr. George Nield, Global Spaceport Alliance; 4. President Kayse Shrum, OSU	8:30 AM
Welcome to OSU	Dr. Jamey Jacob, Director of the OSU Aerospace Institute and Workshop Host	8:45 AM
Significance of an HRP-C: Benefits for all nations	Mr. Jim Bridenstine, JB Solutions	9:00 AM
Conception/History of the project (Importance of diversity and inclusion)	Dr. Dorothy K. Marge, IAASS, representing Dr. Michael Marge, Vice Chair	9:40 AM
Planning and scope of the HRP-C	Dr. Bettina Beard, Chair	9:55 AM
Design Reference Missions: Recommendations for the HRP-C	Dr. Angie Bukley, The Aerospace Corporation	10:05 AM
	Break	10:20 AM
HRP-C for Civilians in Space: Space Industry Perspective	Dr. Thomas Marshburn, Sierra Space	10:50 AM
Health and Performance Subcommittee Recommendations: Overview	Dr. Michael Schmidt, Sovaris Aerospace	11:40 AM
Track 1: Comprehensive Measures Multi-Omic Molecular Measures	Dr. Michael Schmidt, Sovaris Aerospace	12:10 PM
	Lunch	12:30 PM
<i>Physiological phenotyping</i>	Dr. Jeffrey Jones, Baylor College of Medicine	1:30 PM
<i>Behavioral measures</i>	Dr. Bettina Beard, NASA	1:45 PM
<i>Morphological phenotyping</i>	Dr. Lori Ploutz-Snyder	2:00 PM
General discussion about Track 1	Dr. Kate Robson Brown, Moderator	2:15 PM
Potential health challenges for commercial spaceflight astronauts	Dr. James D. Polk, NASA	3:15 PM
	Break	3:45 PM
Global human space research	TBA	4:00 PM
CAMI research priorities and gaps in space medicine and human factors	Dr. Melchor Antunano, CAMI/FAA	4:30 PM
Day 1 adjournment and instructions for Reception and Dinner	Dr. Jamey Jacob, OSU Host	5:00 PM
	Reception and Dinner at the Tulsa Air and Space Museum. Panel discussion on the Commercialization of Space by Phil McAlister, NASA; Kate Rubins, Astronaut; Victor Glover, Astronaut; Douglas Terrier, NASA	6:00 PM

Human Research Program for Civilians in Spaceflight and Space Habitation Workshop Agenda Day Two – Jan. 24, 2024		
	Breakfast	8:00 – 9:00 AM
Overview of yesterday’s deliberations and what to expect for Day 2	Dr. Bettina Beard, Chair	8:30 AM
Panel discussion: Protecting the health and performance of deep space travelers	Dr. Jennifer Fogarty, TRISH; Dr. David Baumann, HRP/NASA; Donald Krump, NASA	8:45 AM
Track 2: Targeted research	Dr. Michael Schmidt, Sovaris Aerospace	9:30 AM
<i>Isolation, Confinement and Distance from Earth</i>	Dr. Funmilola A. Oluwafemi, ESA	9:35 AM
<i>Making space accessible and safe for individuals with disabilities</i>	Dr. Sheri Wells-Jensen, AstroAccess	9:50 AM
	Break	10:05 AM
<i>Design Reference Missions: Implications for human research to protect the safety and health of civilians</i>	Dr. Simon Evetts, Blue Abyss, England	10:20 AM
General discussion	Dr. Bettina Beard, Moderator	10:35 AM
	Lunch	11:35 PM
Track 3: Operations, Programs and Projects	Dr. Michael Schmidt, Sovaris Aerospace	12:30 PM
<i>Adverse Event Reporting System and Civilian Spaceflight and Habitation Journals</i>	Dr. Richard Kingston, University of Minnesota	12:45 PM
<i>Human specimen and data repositories</i>	Dr. Chris Mason, Cornell Univeristy	1:00 PM
<i>Human System Risk Research Board for Civilians</i>	Dr. Mark Shelhamer, Johns Hopkins School of Medicine	1:15 PM
<i>Physician and civilian training</i>	Dr. Thomas Marshburn, Sierra Space	1:30 PM
<i>Modeling, prediction, and countermeasures</i>	Dr. Erik Antonsen, Baylor College of Medicine	1:45 PM
<i>Precision medicine</i>	Dr. Michael Schmidt, Sovaris Aerospace	2:00 PM
<i>Terrestrial applications of space research findings (TAP-C)</i>	Dr. William Queale, Johns Hopkins School of Medicine	2:15 PM
	Break	2:30 PM
General Discussion of Track 3	TBA	2:40 PM
Recommendations for implementing the HRP-C nationally and internationally	Dr. George Nield, Director of the Global Spaceport Alliance with Prof. Simonetta Di Pippo, Professor of Practice of Space Economy - Director SEElab Italia and former Director of UN Office for Outer Space Affairs	3:40 PM
Summing It Up and Next Steps	Drs. Beard, Marge and Jacob	4:15 PM
	Adjourn	4:30 PM