

75. Anniversary WFMH Bulletin. UNESCO Club Vienna, Austria

Human factors will become even more important determinants for the design of future long-term and commercial space facilities as larger and more diverse groups occupy off-earth habitats. The risk of an incompatible vehicle or habitat design has already been identified by NASA as recognized key risk to human health and performance in space.'*Habitability*'.

To commemorate the 75th Anniversary of WFMH digital artist Rachel Jag, in collaboration with UNESCO Club Vienna, explores the inner and outer worlds of space travel during [World Space Week 4-10 October 2023](#). The exhibition includes Visions of the Future Poster Exhibit courtesy of jpl.nasa.gov galleries. The collaboration was inspired by the Analog Missions and Arts Initiative of Ghanim Alotaibi as well as the Moon Village Association's Cultural Considerations Working Group Webinar on "[Space Habitats And Habitability: Designing For Isolated And Confined Environments On Earth And In Space](#)".

Sandra Häuplik-Meusburger PhD, is an architect and researcher specializing in compact habitability design solutions for extreme environments. She teaches at the Institute for Architecture and Design at the Vienna University of Technology and is appointed academic director of the course Space at the Science Academy in Lower Austria. Sandra uses cross-program comparison and analysis of inhabited isolated, confined, and extreme environments (ICEs) on Earth and space from a human perspective as a basis for the systematic assessment of existing and future living and working environments. She is corresponding member of the International Academy of Astronautics (IAA) and Vice-chair of the Space Architecture Technical Committee (SATC) of the American Institute of Aeronautics and Astronautics. Sandra has published several scientific papers and is author of the books *Architecture for Astronauts* (Springer, 2011) and *Space Architecture Education for Engineers and Architects* (Springer, 2016).

Sheryl Bishop PhD, is a social psychologist and behavioral scientist who has applied her skills widely over her career. A Professor Emeritus at the University of Texas Medical Branch, she has taught in all four schools, Medicine, Nursing, Health Sciences, and the Graduate School of Biomedical Sciences as well as served as faculty for the International Space University, Strasbourg, France. As an internationally recognized behavioral researcher in extreme environments, for the last 35 years Dr. Bishop has investigated human performance and group dynamics in teams in extreme, unusual environments, involving deep cavers, mountain climbers, desert survival groups, polar expeditioners, Antarctic winter-over groups, and various simulations of isolated, confined environments for space, including a number of missions at remote habitats. She has routinely presented her research at numerous scientific conferences, has over 60 publications (including contribution to NASA's Historical Series on Psychology in Space), and over 50 scholarly presentations in both the medical and psychological fields. She is frequently sought out as a content expert by various media and has participated in several television documentaries on space and extreme environments by Discovery Channel, BBC, and 60 Minutes.

Fran Eve Wright, Acting President UNESCO Club Vienna

Member WFMH. IAAP Div. Environmental Psychology, Psychological and Societal Development