

Assessing Radiation Exposure, Health Outcomes, and Mitigation Strategies for Flight Crewmembers Meeting 4 (Part 1)

Speaker Bios for Committee Meeting 4 – December 3rd, 2025

Eric R. Benton

Eric Benton is a professor in the Oklahoma State University, Department of Physics. His research specializations include space and atmospheric radiation protection and dosimetry, active and passive methods of radiation detection, and development and testing of space radiation shielding materials. Benton has served as principal investigator on a number of large radiation experiments aboard manned spacecraft, including the Russian Mir Orbital Station, the NASA Space Shuttles, and the International Space Station (ISS), as well as on aircraft such as NASA's ER-2 and WB-57 high altitude research aircraft, and high-altitude balloons using both passive and active methods of charged particle and neutron detection.

Les Braby

Les Braby was a Research Professor at Texas A&M University since 1996, he is currently retired. His previous experience includes Biology and Chemistry Department Staff Scientist from 1971 to 1991 and Radiation Physics and Chemistry Section Manager from 1991 to 1995 at Battelle, Pacific Northwest National Laboratory. He received his BA degree from Linfield College and PhD from Oregon State University in 1972.

Michael McCall

Michael McCall is a retired Naval Officer and a nuclear engineer. Mike developed the aircrew cosmic radiation monitoring tool, PCAire in 1999. Mike started the company PCAire Inc. in 2004 and has been President and CEO since. In 2004 Mike was hired as the CEO of a radiation safety company, International Safety Research (ISR). ISR provided dosimetry program and other radiation safety support services to the military and all Canadian nuclear facilities. He remained in that position until its acquisition in 2020. Currently, he works full time again with PCAire.

Scott McIntosh

- Former Deputy Director of the National Center for Atmospheric Research (NCAR)
- Research Lead for White House Office of Science and Technology Policy (OSTP) Space Weather Group
- Chair of the American Meteorological Society's Scientific and Technological Activities Commission for Space Weather.
- 25+ years of research, over 11k citations.
- Published in Nature and Science

Katherine Monson

- Former CEO of KSAT Inc: US head of the largest satellite ground communications company
- Former COO at Hedron, a space optical technology company

- Former management consultant specializing in supply-chain management and high-stakes negotiations

Kent Tobiska

Dr. Kent Tobiska received his bachelor's, master's and Ph.D. degrees from the University of Colorado and is now director of the Utah State University USTAR Space Weather Center. He is also president and chief scientist of Space Environment Technologies. His long-term research focus has been the analysis of solar data that has led to the creation of an internationally used space weather platform. He invented the world's first operational computer code for solar irradiance forecasting and has led the effort to integrate space weather systems with broader technology systems.