



THE UNIVERSITY OF UTAH
Atmospheric Sciences



DR. JENNIFER COMSTOCK

Dr. Jennifer Comstock received her Bachelor's Degree in Physics from the University of Colorado in 1993 and her Ph.D. from the Department of Meteorology at the University Utah in 2000. Her research interests are understanding the physical processes that influence cloud lifecycle using remote sensing and computational modeling techniques, with a focus on ice and mixed phase clouds. She joined Pacific Northwest National Laboratory in 2000 as a Post-Doctoral Scientist and has served in several roles since becoming a staff member in 2003, including Science Translator for the Department of Energy Atmospheric Radiation Measurement (ARM) program, and Deputy Director of the ARM Aerial Facility. Jennifer currently serves as the Engineering and Science Products Manager for the DOE ARM Program, which involves coordinating development activities and setting priorities for the program.

Dr. Comstock has participated in 12 major field campaigns covering a wide range of topics related to cirrus cloud lifecycle, orographic mixed-phase and convective clouds, shallow cumulus clouds, deep convective clouds, and aerosol radiative effects from anthropogenic sources, as well as wildfires and agricultural burns. She is also active in the community and has served on the Committee for Laser Atmospheric Studies for the American Meteorological Society (AMS), organized various symposia and conference sessions for AMS and the American Geophysical Union (AGU), and currently serves on the AGU Fall Meeting Organizing Committee for the Atmospheric Sciences Section. She also engages in various outreach activities in the Mid-Columbia region of Washington to promote science careers and young women in science, and has mentored several Post-Doctoral scientists at PNNL, and undergraduate and graduate students through the PNNL Work-Based Learning Program.