

**Nels A. Olson Ph.D.**

Nels received his undergraduate degree in Biochemistry from Reed College (1989) and his Ph.D. in Analytical and Synthetic Organic Chemistry from the University of Washington (1997). After graduating Nels spent twelve years in the Silicon Valley biotechnology instrumentation and reagents business. After leaving California Nels was a Program Manager and Principal Investigator at the Johns Hopkins University Applied Physics Laboratory where his focus was on chemical and biological threat detection and mitigation. During his time on the east coast he also served as a Program Manager/Chief Scientist in three federal agencies before coming to Boeing. His work at Boeing consists largely of root cause investigations, and corrective actions planning and execution. His approach to problem solving in complex system environments is his strength. Nels is currently a Technical Lead Engineer and Scientist, Principal Investigator and Program Manager across several areas of specialization in Boeing Research and Technology. He was the chief scientist for the cargo MPS testing of Halon 1301 and its alternatives in the newly built Boeing MPS test cell.