

# Jeff Shull



Jeff Shull's introduction to the cryogenic world began when he started working at Barber-Nichols Inc. (BNI) in 1998. Barber-Nichols has been a world leader in supply of reliable, low heat leak cryogenic pumps since the early 1970's. Since his first few days at BNI Jeff has been sizing and designing pumps and compressors for use in cryogenic systems all over the world. He was integrally involved in the concept and design of the large LHe pumps currently in operation in the ATLAS experiment at CERN on the LHC as well as numerous other low heat leak pumps used in the high temperature superconductor industry. Jeff also worked on concept development for a unique seal design used in large capacity LOX pumps for loading rockets. He is known for his ability to come up with creative solutions to solve difficult cryogenic system issues for applications ranging from zero-boil off storage of propellants in space to LNG feed for engines. Jeff got his BS degree in Mechanical Engineering from the University of Oklahoma in 1992 and held positions in manufacturing, design and application engineering in the pump and fluid power industry before joining Barber-Nichols.