



**Chris Whitehouse**  
**Manager Research & Development and Technical Services**

Chris Whitehouse has been with Minco since 2003. He has more than 20 years experience in Investment Casting and technical ceramics. Chris's current responsibilities include research and development of new products, including slurry and shell systems for the investment casting industry. He also manages technical support activities for Minco's customers.

Chris holds both a Master of Science (MS) and Bachelor of Science (BS) degree in Ceramic Engineering from Alfred University. He has been a member of the American Ceramic Society since 1985.

Chris's prior experience includes slurry and shell development work, process control/Improvements for investment cast IGT blades and vane sections, and running the large structural castings shell process line at both Howmet Hampton plants. He has experience in a wide range of other ceramic industries and materials including metal-ceramic sealing, glass-to-metal sealing, active ceramic materials, ceramic matrix and composite materials, and high purity alumina body development experience.