



Dr. Jimmy Williams Jr.

SVP & Chief Technology Officer

ATI

Dallas, Texas

Dr. Jimmy Williams Jr. currently serves as Senior Vice President and Chief Technology Officer for ATI Materials. This newly created role elevates technology at ATI with keen focus on accelerating progress on product and process technology priorities, more directly enabling and aligning them with ATI's accelerated growth strategy.

Dr. Williams comes to his current position with significant and practical experience in industry and academia employing both business and technical acumen as a proven business development strategist, operational leader, and technology and innovation manager.

He previously served as Executive Director and Distinguished Service Professor of the Engineering and Technology Innovation Management (ETIM) program at Carnegie Mellon University. The ETIM program is an interdisciplinary, master's degree course of study offered by Carnegie Mellon's top-ranked College of Engineering in collaboration with the university's Heinz College and Tepper School of Business.

During his time at Carnegie Mellon University, Dr. Williams consulted large, medium and start-up organizations to support the evolution and execution of their innovation and technology strategies.

From 2012, he held the position of Senior Vice President of Global Engineering at Pall Corp where he led a 750-member engineering unit, driving Pall's global growth initiatives across its Life Science and Industrial Products business. His restructuring efforts resulted in improved product first time acceptance of 25%, introduced Design for Manufacture and Assembly process resulting in \$8.0M in savings. He reduced globally replicated work resulting in immediate saving of \$3.5M.

Prior to Pall, Dr. Williams spent 10 years with Alcoa, Inc. In his role as Senior Director of Research and Development – Alcoa Technology Advantage, he led all facets of business and technology management, including innovation management, portfolio management, market analysis, product development, project management, engineering design, and production operations. Among his many achievements, he initiated and developed Alcoa's first integrated defense market strategy and business plan, growing profitable revenue from \$50 million to \$720 million and positioning the unit for \$1 billion in annual sustainable revenue. As a product innovator, Dr. Williams spearheaded a critical assessment of Alcoa's \$2.1 billion aero-structures business leading to a cost-saving fundamental shift in materials options. He

also developed a cross-functional, multi-business-unit, multi-vendor product development team that successfully inserted an innovative cosmetic finish into Apple's Macintosh computer supply chain, and earned the 2002 *RoadStar Magazine* Most Valuable Product Award for Dura-Bright surface finish wheel application.

Beginning in 1983, Dr. Williams led a nearly 20-year distinguished career at The Boeing Co. where he held a number of significant research and development and program management positions. Among his accomplishments at Boeing, Dr. Williams restructured the company's Advanced Manufacturing Technology Organization, increased manufacturing flexibility and productivity for next-generation wing drilling, and earned Boeing's Black Engineer of the Year award in 2001.

Dr. Williams holds a bachelor's degree in mechanical engineering from Texas A&M University, an MBA in marketing and management from Lindenwood College, and a doctorate in Engineering and Policy from Washington University. A native of St. Louis, he and his wife, Valerie, reside in Pittsburgh and have two children, Danielle and Justin.