



Dr. Benjamin E. Goldberg

Ben Goldberg was born in Atlantic City, New Jersey, on July 25, 1959. He received his Bachelor and Master of Materials Science and Engineering degrees from Northwestern University in 1981 and 1983 respectively. He completed his PhD studies with the University of Pennsylvania, also in Materials Science and Engineering, in December of 1992.

Dr. Goldberg's career started at MSFC in 1983 as an engineer in the Materials and Processes Laboratory, Dr. Goldberg led development of the Solid Propulsion Test Beds at the Center, and served for five years as a Branch Chief, and then at Division level in the Propulsion Laboratory. He served as Chief Engineer for the Reusable Solid Rocket Motor (RSRM) and, additionally, the Solid Rocket Booster. Following a period as a senior scientist in the Space Sciences Laboratory, Dr. Goldberg entered the Senior Executive Service as Deputy Director for the Structures and Dynamics Laboratory. He completed his tenure with the government in 1999 as Project Manager for the RSRM. From January 2000 to April 2003 Dr. Goldberg served as Director, Engineering and Research, for Pratt and Whitney Space and Russian Operations. From April 2003 to September 2004 Dr. Goldberg served as the Chief Engineer and Chief Systems Designer for Pratt and Whitney. From September 2004 to June 2006 Dr. Goldberg was the Director, Engineering, Research and Advanced Programs for Pratt & Whitney Space Operations. Since 2007, Dr. Goldberg has been in the Science and Engineering leadership at Alliant Technologies. Following the merger of Orbital Sciences Corporation and Alliant Technologies in 2015 Dr. Goldberg was selected to lead the Propulsion Systems Division Science and Engineering Directorate. Dr. Goldberg is also an Adjunct Professor at the University of Utah.

Dr. Goldberg has served on the JANNAF nozzle subcommittee, chairing the instrumentation panel, on the AIAA Solid Rocket Technical Committee, chairing the education subcommittee and as chairman of the AIAA Hybrid Rocket Technical Committee, and was inducted as a Fellow, with focus on Systems Engineering and Risk Management, in 2005. He has published more than twenty-five technical articles, ranging in subject matter from microgravity crystallization of polymers to propulsion test bed methodologies to systems engineering and probabilistic analyses. He has developed and taught a systems engineering curricula at the University of Utah. He has several patents and has received numerous NASA awards, ranging from Directors Commendations, to Group Achievements to the NASA Medals for Exceptional Service and Exceptional Achievement.