



Biography

Irvin Gonzalez was born and raised in the beautiful city of Santiago, Dominican Republic. Irvin spent most of his adolescence in Allentown, PA, before attending Thaddeus Stevens College of Technology in Lancaster, PA., where he obtained an Associate of Applied Science in Cabinetmaking and Millwork in 1999. He then attended Central State University in Wilberforce, OH and received a Bachelor of Science in Manufacturing Engineering in 2004.

During his time at Central State University, Irvin had the opportunity to apply the engineering lessons learned in the classroom in the industry. Irvin obtained quality, process, and manufacturing related internships in which the lessons learned in the classroom proved to be invaluable. Irvin had the opportunity to intern in quality and engineering with The Longaberger Company, General Electric, and AK Steel. After obtaining his Bachelors, Irvin commenced his career in the aerospace industry as a Boeing Reliability and Quality Engineer a contractor of NASA (National Aeronautics and Space Administration) in the Mechanical, Fluids, and Propulsion subsystems of Orbiter Element of the Space Shuttle Program. During his time with Boeing Irvin learned about the PRACA (Problem Reporting And Corrective Action) system as well as the GIDEP (Government Industry and Data Exchange Program) system. These tools proved to be invaluable in the preparation for each Orbiter Vehicle mission. After approximately 2.5 year, Irvin decided to pursue a career in Cargo Integration Engineering with the United Space Alliance LLC. His current team is responsible for volume, weight, and c.g. (center-of-gravity conservation) of cargo aboard the Orbiter Vehicle's Middeck in the Forward Fuselage.

Irvin has been exposed to leadership since academia. He held multiple leadership positions with NSBE (National Society of Black Engineers) at the collegiate level and professional level. Irvin is currently a member of ASQ (American Society of Quality) and has been a member since 2006. He is currently Section1422 Treasurer for 2007-2009. Also, he served as the co-chairperson for the Site Planning Committee of the World Conference in Quality and Improvement (WCQI) 2008, which was held in Houston, TX in May 5-7, 2008. He is currently pursuing his MBA (Master of Business Administration) to eventually procure a career on the business side of technology.

Irvin currently lives in a League City, Texas with his wife a son and looks forward to a bright future with NASA as the agency prepares for the return to the lunar surface and beyond to Mars.