



*Asian American Engineer
of the Year*

Dr. Grant Wang

*Technical Fellow
Boeing Space and Missile Systems
The Boeing Company*

Citation of Accomplishments

Balancing family and community service while providing significant innovations and patent applications spanning GPS, spacecraft, missiles, and launch vehicles.

Dr. Grant Wang is a Boeing Technical Fellow and chief engineer of Avionics/Software for the Ground Based Strategic Deterrent program. He is also a senior manager for Boeing Satellite Systems Guidance, Navigation and Control (GN&C). He holds 29 patents that have contributed significantly to the Boeing competitive advantage in aerospace systems.

Grant was born in Taiwan. He earned a Master's in aerospace engineering at Taiwan University of Technology and then studied electrical engineering at UCLA and received his PhD in 1992. In 1996, he joined Boeing Satellite Systems in El Segundo, California.

Early in his career, Grant recognized that minorities' careers often suffered due to a lack of connections and visibility within organizations. He determined to overcome those obstacles by building solid expertise with an impeccable track record and ensuring that his subsequent hard-earned reputation and innovation gained visibility and the focus of decision makers. Grant's positive strategy has benefited the aerospace engineering community and has translated to a leadership career. Before his current assignment, he was the chief engineer for System Engineering of the Commercial Crew Transportation Program in Houston. Grant was also Avionics and Software chief engineer for Space Launch Systems in Huntsville, leading the technical design of avionics system for Flight Computer, Command and Data Handling, GN&C, Telemetry, Instrumentations, Power, and Ground Support Equipment, contributing significantly to the success of the program.

His numerous recognitions include induction as an American Institute of Aeronautics and Astronautics (AIAA) Associate Fellow, the 2011 NASA Silver Snoopy Award, the 2008 Star of Alabama, the AIAA Orange County Section 2007 Engineer of the Year Award, and three times Special Invention Awards in 2004, 2005, and 2006. Among Grant's professional affiliations, he serves on the AIAA Missile Systems Technical committee and the IEEE Gyro and Accelerometer Standard Committee and served as conference chair for the Boeing Third GN&C Conference (2007) and the AIAA SoCal ASAT Conference (2008).

Grant mentors young engineers extensively, coaching several to the level of Associate Technical Fellow. In Huntsville, Grant has been a leader in the Boy Scouts, taught graduate classes at the University of Alabama, and contributed to the Taiwanese-American Association, serving as president and receiving the recognition of Honorary Member for outstanding community service. Grant and his wife, Lily, have a daughter, Megan, who attends graduate school at Stanford, and a son, Martin, who works in Colorado Springs. Amid balancing family, community, and career, Grant holds his town's badminton championship title of his age group.