

# **THE HONORABLE HEIDI SHYU**

**MEMBER, BOARD OF TRUSTEES  
THE AEROSPACE CORPORATION**



The Honorable Heidi Shyu was elected to The Aerospace Corporation's Board of Trustees on March 10, 2016. She was the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT) from September 21, 2012 to January 31, 2016. Prior to this, she served as the Acting ASA(ALT) and the Principal Deputy.

As the ASA(ALT), she served as the Army Acquisition Executive, the Senior Procurement Executive, the Science Advisor to the Secretary of the Army, and the Army's Senior Research and Development official. She had principal responsibility for all Department of the Army matters related to logistics.

She led the execution of the Army's acquisition function and the acquisition management system. Her responsibilities included providing oversight for the life cycle management and sustainment of Army weapons systems and equipment, from research and development to test and evaluation, acquisition, logistics, fielding, and disposition. Ms. Shyu also oversaw the Elimination of Chemical Weapons Program. In addition, she was responsible for appointing, managing, and evaluating Program Executive Officers and managing the Army Acquisition Corps and the Army Acquisition Workforce.

Prior to this position, she was the Vice President of Technology Strategy for Raytheon Company's Space and Airborne Systems. She also held several senior leadership positions there, including Corporate Vice President of Technology and Research, Vice President and Technical Director of Space and Airborne Systems, Vice President of Unmanned and Reconnaissance Systems, Senior Director of Unmanned Combat Vehicles, Senior Director of Joint Strike Fighter (JSF), and Director of JSF Integrated Radar/Electronic Warfare Sensors. As Director of JSF Antenna Technologies at Raytheon, she was responsible for the development of

lightweight, low-cost, Tile Active Electronically Scanned Antenna technologies. She also served as the Laboratory Manager for Electromagnetic Systems.

In addition to her extensive experience at Raytheon, she served as a Project Manager at Litton Industries and was the Principal Engineer for the Joint STARS Self Defense Study at Grumman. She began her career at the Hughes Aircraft Company.

Ms. Shyu is the recipient of the DOD Medal for Distinguished Public Service, Department of the Army Medal for Distinguished Civilian Service, Department of the Air Force Decoration for Exceptional Civilian Service, General Brehon B. Somerville Medal of Excellence, the Knowlton Award from Military Intelligence Corp., National Infantry Association Order of Saint Maurice, Army Aviation Association The Knight of the Honorable Order of Saint Michael, UCLA Engineering Alumni Professional Achievement Award, Raytheon Hero Award, and the N. Myles Brown Science Award.

Ms. Shyu holds a bachelor's degree in mathematics from the University of New Brunswick in Canada, a master's degree in mathematics from the University of Toronto, a master's degree in system science (electrical engineering) from the University of California, Los Angeles (UCLA), and an engineer degree from UCLA. She is also a graduate of the UCLA Executive Management Course and the University of Chicago Business Leadership Program.

A member of the Air Force Scientific Advisory Board from 2000 to 2010, Ms. Shyu served as Vice Chairman from 2003 to 2005 and as chairman from 2005 to 2008.