



PROFILE

Processes and Tools Senior Leader
Electrical Design Functional Integration
Boeing Commercial Airplanes
The Boeing Company

CITATION

A technical leader, innovative problem solver, and dedicated mentor who has successfully led multiple teams in developing and improving products and processes while promoting diversity and inclusion in STEM within The Boeing Company.



JACKY-VY C. CHAU

Asian American Most Promising Engineer of the Year

Mr. Jacky-Vy Chau is an emerging engineering leader who leverages his outstanding technical innovations and desire to help others to further the enterprise and the industry. Mr. Chau is a Senior Leader for the Boeing Commercial Airplanes (BCA) Electrical Design Functional Integration–Processes and Tools organization where he drives and executes the organization’s key objectives and enables common design practices, strategizes on “One” Boeing Technology Roadmap, and provides world-class processes, tools and applications support and service to Boeing stakeholders. Mr. Chau utilizes industry standards to align with 2nd Century Enterprise Systems (2CES) and creates an innovative process/tool that provides competitive advantages. It includes design of the production system and support and uses the latest technology applications that enable automation, data management, and analytics. Mr. Chau also represents BCA as a Co-Chair for Enterprise Electrical Design Integration Business Leaders to develop, improve, and standardize the design applications and processes that can be utilized by the global Boeing workforce.

Previously, Mr. Chau was an Electrical Standards and Design Engineering Manager and led 23 experienced engineers to develop, qualify, and certify electrical components for BCA. He substantially improved productivity while reducing staffing costs by about 20% and saved at least \$15.6 million per year by continuously improving the production rate and systems. Before this, he led 25 engineers supporting the 777X Electrical Design Organization; he minimized engineering rework and enabled a faster installation rate, reducing costs by about \$70 million and build time by two hours per day.

A positive, energetic, and approachable leader, Mr. Chau mentors more than a dozen engineers, interns, and engineering managers by providing career and technical guidance. Most recently, Jacky became a sponsor for the Airplane System Management Development Program (ASMDP), a career enhancement program.

Mr. Chau avidly promotes and supports STEM and diversity and inclusion. Within Boeing, Mr. Chau is the company focal for the Society of Asian Scientists and Engineers (SASE), is active within the Boeing Asian-American Professional Association (BAPA), and is a speaker, panelist, and mentor at Boeing “Lunch-n-Learns.” Outside of work, Jacky serves on the board of the Asian Counseling and Referral Services (ACRS) and volunteers for Clothes for Kids, Flight Heritage Center, and Vision House, among others. He is also a scholarship interviewer for the Greater Seattle Business Association (GSBA) and speaks about STEM at local universities and at national conferences. He holds many internal and external cross talk events to encourage people to discuss their career and technical development.