



Howard McKenzie

Vice President & Chief Engineer, Boeing Global Services

Howard McKenzie was named vice president and chief engineer for Boeing's Global Services business unit in May 2020. He is responsible for leading the alignment of 7,000 engineers into one cohesive engineering function that supports commercial and government customers worldwide. Prior to this assignment, McKenzie was vice president and general manager of Boeing Test & Evaluation, where he led a team of engineers, pilots, mechanics and technicians responsible for the testing, evaluation and certification of Boeing's commercial and defense products. Previously, he was the vice president and chief project engineer for the 777 program, responsible for the product integrity and safety of the 777 worldwide fleet. He has also served in several other executive positions on the 777 program and in Commercial Airplanes Engineering. McKenzie worked at McDonnell Douglas Corporation prior to his assignments with Boeing. He graduated from the University of California, Berkeley in 1988 with a Bachelor of Science in Mechanical Engineering; he is also Boeing's executive focal for the university.

Words of Wisdom

Embrace change and challenges, seek out and find hidden opportunities

Develop yourself and others around you, celebrate the collective successes

Demonstrate strong leadership; support comes from seeing and understanding the vision

Inspiration and innovation come with taking action



Ling Wang

Manufacturing Manager, Boeing KC-46A Pegasus

Ling Wang is a manufacturing manager on the KC-46A program in Everett, Washington. In this role, she is responsible for leading the airplane build and test completion prior to delivery. Previously, Ling was a design engineer supporting 777 interiors new features development and manufacturing planning. She's a Cal Bear (BSME '12 & MSME '13) who was part of the Non-Lethal Projectiles Lab under Professor Dennis Lieu and an active member of PTS and E4K. Ling is also a graduate of the Leaders for Global Operations program at MIT, where she earned both an M.S. in Aeronautics & Astronautics and an MBA.

Words of Wisdom

Don't underestimate the value of presentation! How you present your skills can be as significant as what those skills are.

Find opportunities to work in interdisciplinary teams, it is great practice for the real world.



Kelly Morrison

Systems Engineer, Boeing KC-46A Pegasus

Kelly Morrison graduated from Cal in 2016 with her B.S. in Mechanical Engineering. During her time at Berkeley, she was an officer in ASME, Aero SAE, and Sigma Kappa sorority. Since then, she has held three engineering roles at Boeing. As a manufacturing engineer, she focused on equipment manufacturability and bill of materials development. As a design engineer, she used CAD to design aircraft components with an emphasis on human factors. Now, as a systems engineer, she spearheads improvements and issue resolution for the equipment she manages. Beyond her engineering responsibilities, she is a proud member of Boeing's UC Berkeley university relations team, which works to foster a strong academic, recruiting, and research partnership between Boeing and Cal. She also earned her M.S. in Materials Engineering from USC in 2020, and looks forward to using her technical and leadership experience to become an engineering leader!

Words of Wisdom

Great opportunities may not be laid out in your favor, but don't let this discourage you if you want to take advantage of them – take the initiative to find ways to make each situation work for you.



Jega Vigneshwaran

Program Manager, Boeing 777X

Jega Vigneshwaran is currently a program manager in Boeing's Commercial Airplanes division, where he is responsible for the development, execution, certification and delivery of Emirates' multibillion dollar Boeing 777X program. Previously, Jega served in various engineering roles developing new passenger seating products for the 737 MAX and emergency lighting systems for the 777-300ER. Jega holds a B.S. in Mechanical Engineering, with a minor in Public Policy, from UC Berkeley and an M.S. in Aeronautics & Astronautics from Stanford University. While he was at Cal, Jega was involved in undergraduate research with Professor Phil Marcus, in the Computational Fluid Dynamics Lab, and Professor Sean Farhang, at the Goldman School of Public Policy. He was also actively involved in CalSol and served as president of PTS.

Words of Wisdom

Interpersonal and communication skills are critical in industry, even in technical roles. Make sure to spend some time developing them, along with your engineering knowledge, at Cal.

Grades aren't everything! School's important, but try to take advantage of everything else Berkeley has to offer as well.

Acknowledgments

**Sneh Girdhar
Dr. Grace O'Connell
Ricky Vides**