Q&A PANEL

SCIENCE INDUSTRY PROFESSIONALS

Join us for a live Q&A with professionals in the field as they answer your questions and discuss how to best prepare for career paths in the science industry!


Panelists:

Christine Doan has been working in IT-Data Engineering for the last 3 years. Previously, she has had experience in Data Analysis, and Systems Analysis.

Ken Hays retired from The Boeing Company in April 2017. Prior to that he was a Senior Technical Fellow there, and on the staff of the Vice President and Senior Chief Engineer for Mission Systems, Payloads and Sensors. He also served as the Boeing technical Director for HRL Laboratories, a Boeing subsidiary in Malibu, CA, as well as working on sensors of various types. Ken has a B.A. in physics and math, a masters in physics, and Ph.D. in condensed matter physics, all from UCI. He began his first post-UCI job in 1984 at the Northrop Corporation’s electronics division, working on inertial measurement units for the MX missile (a.k.a. “Peacekeeper”) project. He left Northrop after 1½ years and joined Rockwell International’s Science Center, where he worked on infrared sensors, superconducting electronics and vibrating microscopic gyro. When Boeing bought part of Rockwell in 1996, Ken became the Principal Scientist of their Research & Technology Center at Boeing North American. About two years after that he moved over to their Naval Electronics and Navigation group where he worked on fiber optic gyro’s and ballistic missile submarine guidance. Following that assignment, he became the Director of Technology Integration for their Air Force Systems business, and then Chief Scientist of the Anaheim site, and then Director of Mission Assurance for their Command, Control, and Communications Networks business area. Ken holds eleven patents.

Russell Lipeles graduated from UCI with an AB in Chemistry and Physics. He got his Ph.D. in Physical Chemistry at UCLA working on understanding molecular motion in liquids using light scattering and ultrasonics. He had a nine-month post-doc position at USC working in The Aerospace Corporation laboratories to learn surface science, which was a young field in the late 1970s/early 1980s. At the end of the post-doc, he started as a Member of the Technical Staff at Aerospace. His training in chemistry and physics supplied the broad background for his work in materials science in the areas of polymers for electronic packaging, composite materials for space structures, data storage materials, optical modulators, and spacecraft and rocket materials. He also managed technical professionals as a section manager and associate department director. Russ retired from The Aerospace Corporation in September 2021.

Neil Sahota is an IBM Master Inventor, United Nations (UN) artificial intelligence (AI) Advisor, author of the book Own the A.I. Revolution., and Professor at UC Irvine. Over his 20+ year career, Neil has worked with enterprises on the business and marketing strategies to create next generation products/solutions powered by emerging technology as well as helping organizations create the culture, community, and ecosystem needed to achieve success such as the U.N.’s AI for Good initiative. Neil also actively pursues social good and volunteers with nonprofits. He is currently helping the Zero Abuse Project prevent child sexual abuse as well as Planet Home to engage youth culture in sustainability initiatives.

Thursday, February 17 at 4 pm via Zoom