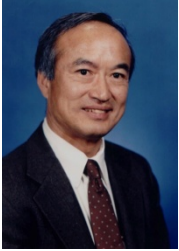




Darrell Uchima
VP & Sr. Chief Engineer
Boeing Defense, Space &
Security

Darrell Uchima has 30 years of engineering and leadership experience, and is a recognized authority in mission systems and payloads at The Boeing Company. Darrell's current primary role is to identify technical issues and risks in mission systems across all programs, develop sound corrective action or mitigation plans, and then lead Boeing experts to immediately resolve issues and risks. He also helps identify and develop key technical skills and helps drive the competitive strategy for Mission Systems and Payloads across Boeing. In 1982, Darrell earned his Bachelor of Science degree in Electrical Engineering from the University of Hawaii in Honolulu. He also has completed executive management classes at the University of California, Los Angeles, from the Creative Leadership Program.

Abstract: Innovation and technical excellence continues to be the foundation for the 100 years of success at Boeing (2016). How do we inspire, lead and develop our engineering workforce in our challenging business environment?



Dr. Alfred Y. Cho
Research Adjunct VP,
Bell Laboratories

Dr. Alfred Y. Cho received his undergraduate, master and doctoral degrees in electrical engineering from the University of Illinois. He joined Bell Laboratories in 1968 as a Member of Technical Staff and was promoted to Department Head in 1984. He was named Director of the Materials Processing Research Laboratory in 1987 and Semiconductor Research Vice President in 1990. He retired in 2002 and became Semiconductor Research Adjunct Vice President, Bell Laboratories of Alcatel-Lucent. His pioneering work on molecular beam epitaxy (MBE) has had a significant impact on the semiconductor industry, leading to the making of faster and more efficient electronic and opto-electronic semiconductor devices. The impact of MBE on fundamental science has been at least as dramatic as its impact on semiconductor technology such as the discoveries of the Fractional Quantum Hall Effect and the Giant Magnetoresistance.

Abstract: Dr. Cho will share his experience in innovation and leadership in his successful career.



Gene Frantz
Professor in the Practice,
Rice University; Principal
Fellow, TI

As TI's Principal Fellow, **Gene Frantz** embodied TI's innovative spirit. Oftentimes referred to as a "serial innovator," Gene has a serious appetite for modernization. Even after nearly four decades at TI, and now as a Professor in the Practice at Rice University, Gene continuously emits the energy of a true innovator. During his time at TI, Gene was responsible for the development of products such as the Speak and Spell™ learning tool and other speech related products. Forty-five patents in memories, speech, consumer products and digital signal processing are just among some of his accomplishments.

Abstract: The industry has experienced three decades of innovation as a result of the theory and product known as DSP. Last year TI celebrated the 30th anniversary of the first programmable DSP called the TMS32010. This year we celebrate the 35th anniversary of the introduction of the Speak & Spell? Learning Aid. What can best describe these last three or four decades is the word? innovation?. This talk will look back at a bit of that history and then look forward to where it goes next. The talk will end with my definition of innovation.



Dr. Richard J. Sinclair
Dean of TAMS

Dr. Richard Sinclair is the Dean of TAMS and an Associate Professor in the Department of Biological Sciences at the University of North Texas. He attended Oklahoma City University, receiving his bachelor's degree in Biology in 1967. After service in the United States Marine Corps, he was awarded a National Institutes of Health Predoctoral Fellowship and completed his Ph.D. in Medical Physiology and Biophysics at the University of Oklahoma Health Sciences Center in 1973. His research interests include the toxic effects of anesthetic agents on the kidney and intrinsic control of the kidney's microcirculation.

Abstract: The TAMS at UNT is one of a small number of college-based programs that allow students to complete concurrently the last two years of high school and the first two years of college. The academy's goal is to create "young scientists and engineers" by a focus on rigorous STEM courses and participation in state-of-the-art research.



Bobby Chang
Assistant Dean and
Director of GLE MBA, UT
Dallas

Bobby Chang is a program director at UTD School of Management. His three children graduated from MIT, Harvard, Yale Universities respectively. Prior to joining UTD, he held multiple high level positions in large companies such as Huawei, Foxconn, SMIC, Chorum Technologies, and technical positions at Ericsson, AT&T and United Technologies Corp. He received the 1989 Marcus Wallenberg Award from Sweden, the Most Innovative Awards from Ericsson, the Best Outstanding Service Awards from CIE and IEEE, and the most outstanding alumni award from THU. He holds multiple graduate degrees in management, business, and engineering from USC, SMU, and UTD.

Abstract: It is very critical to pick up the right major and university for your children's future. During this presentation, I will cover in general about college study, how the top universities choose their students, manage your career and how to build a lifetime learning habit to help you success in the long-term future. In the end, I will also cover the key success factors to reach your study and career goals.