

Biography

Sung-Mo “Steve” Kang



Sung-Mo “Steve” Kang has been a leader in higher education for over two decades. He is the 15th president of Korea Advanced Institute of Science and Technology (KAIST) since February 2013. He has previously served as the 2nd chancellor of the University of California, Merced, the newest campus of the University of California system; dean of engineering of the University of California, Santa Cruz; and department head of electrical and computer engineering at the University of Illinois at Urbana-Champaign.

Prior to returning to academia, he had led the development of world’s premier CMOS 32bit VLSI microprocessor chipsets for telecommunication and computing applications as a technical supervisor of AT&T Bell laboratories, Murray Hill, NJ. This historical achievement for an electronic age was celebrated with issuance of a US postage stamp.

For his research and education contributions, he has received numerous honors, including the Silicon Valley Engineering Hall of Fame induction, Alexander von Humboldt Senior US Scientists Award, IEEE Millennium Medal, IEEE Mac Van Valkenburg Circuits and Systems (CAS) Society Award, IEEE CAS Technical Excellence Award, the US Semiconductor Research Corporation (SRC) Technical Excellence Award, IEEE Graduate Teaching Technical Field Award, IEEE CAS John Choma Education Award, Chang-Lin Tien Education Leadership Award, and distinguished alumnus awards from UC Berkeley, Fairleigh Dickinson University and Yonsei University.

Kang is a fellow of IEEE, ACM, AAAS, a member of both the National Academy of Engineering, Korea and the Korea Academy of Science and Technology, and has served on the Presidential Advisory Council on Science and Technology of Korea. He is the chair of the World Economic Forum’s Global Agenda Council for Future of Electronics, holds 15 US patents and has authored ten books and published over 450 journal and conference papers. He has obtained his Ph.D. from UC Berkeley, M.S. from State University of New York, Buffalo and B.S. (Summa Cum Laude) from Fairleigh Dickinson University, Teaneck, NJ. He was awarded an Honorary Doctor of Science from Fairleigh Dickinson University.