

James Plummer

Jim Plummer obtained his BS degree from UCLA and his MS and PhD degrees in EE from Stanford. He joined the Stanford faculty in 1978 and became professor of electrical engineering in 1983.

He was Dean of the School of Engineering from 1999 until 2014. During his tenure as dean the school dramatically increased the number of undergraduate students majoring in engineering and created interdisciplinary programs like the Bioengineering Department, the Hasso Plattner Institute of Design (d.school), ICME the Institute for Computational Math in Engineering, and the Stanford Technology Ventures (entrepreneurship) programs that changed the nature of engineering education.

His research has involved a variety of areas in the broad field of silicon devices and technology with a focus on pushing Moore's Law to its limits. Since stepping down as dean, he has focused on wide bandgap semiconductors like SiC and GaN that show great promise in revolutionizing power systems. He is a member of the National Academy of Engineering, the American Academy of Arts and Sciences and a fellow of the IEEE. He has graduated more than 90 PhD students. He serves or has served on the Board of Directors of several public companies including Intel and Cadence.