

Prof. Jont Allen received a BS in EE from the University of Illinois in 1966, and PhD from the University of Pennsylvania in 1970. He then joined Bell Laboratories in 1970, where he was in the Acoustics Research Department as a Distinguished member of Technical Staff. From 1996-2002 he worked at AT&T Labs as a Technology Leader. Allen is a fellow of the Acoustical Society of America and IEEE. In Aug. of 2003 he join the ECE faculty, University of IL, UIUC. Prof. Allen is investigating cochlear modeling, noninvasive diagnostic testing of cochlear function (such as DPOAE and power reflectance measurements in the ear canal), auditory psychophysics, speech processing for hearing aid applications (noise reduction and multiband compression), speech and music coding (bit-rate reduction) and speech perception (models of loudness and masking) and aspects of acoustics. He is presently working on the theory and practice of human speech recognition, with the goal of improving automatic speech recognition robustness in the presences of noise and filtering.