THE CENTRE FOR
COMMUNICATION DISORDERS

Division of Speech & Hearing Sciences
Faculty of Education

Wind Noise in Hearing Aids

King Chung
Ph.D., CCC-A, FAAA

31 March 2011 (Thursday)
6:30pm—8:00pm
Prince Philip Dental Hospital, 5/F, Rm.518

Abstract

Excessive wind noise often results in complaints of poor sound quality, and/or inability to communicate. A hearing aid's ability to manage wind noise has also been reported to affect user satisfaction. As more children and younger adults who lead active lives are fit with hearing aids, wind noise management is essential for hearing aid success. In this presentation, the effect of wide dynamic range compression, directionality, noise reduction algorithms, and venting (from no vent to open-fit) on wind noise levels in hearing aids will be discussed. Clinical applications and engineering design strategies to reduce wind noise will also be discussed.

Dr. Chung is an Assistant Professor in Audiology in the School of Allied Health and Communicative Disorders, Northern Illinois University. Her professional interests include optimization of hearing aid, cochlear implant and hearing protector performance, and wind noise research.

~ All are welcome ~