**SEMINARS IN HEARING AND COMMUNICATIONS SCIENCES (SHACS) PRESENT:**

“Bimodal hearing vs. bilateral cochlear implantation: auditory function and related hearing mechanisms”

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Eagleson Hall, Room 001

It is often a simple decision for a patient to pursue unilateral cochlear implantation given poor speech understanding and a high degree of communication difficulty; however, the decision whether to continue use of a hearing aid (HA) in the non-CI ear or to pursue a second CI is a much more difficult decision. This difficult decision is complicated by a lack of a data-driven criterion for determining bilateral implant candidacy. Specifically, we do not currently have evidence-based recommendations for determining cases for which the benefit to gained from a second CI would exceed that of a HA in a bimodal hearing configuration. This presentation will detail speech and auditory function exhibited these two groups of listeners as well as outline the underlying mechanisms driving benefit. Clinical implications relevant to today’s patients will be discussed.

SHACS is a collaboration between the UW Department of Speech and Hearing Sciences and the Virginia Merrill Bloedel Hearing Research Center (VMBHRC). To learn more, contact Llyne Foy at 206.616.6655 or lfoy@uw.edu.

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