



8th Annual

Waisman Center Day with the Experts: Cochlear Implants

Learn about the latest advances in research and clinical services and hear from a panel of experts—cochlear implant users and family members.

Saturday, June 1, 2019 | 9:00 a.m. - 12:15 p.m.
(Complimentary coffee & bagels at 8:30 a.m.)

9:00–9:15 a.m.

Overview and Highlights of Cochlear Implant Research at UW-Madison

Ruth Litovsky, PhD, Professor, Department of Communication Sciences and Disorders, Department of Surgery and Waisman Center Investigator

9:15–9:40 a.m.

What’s New with Cochlear Implants

Joseph Roche, MD, Assistant Professor, Department of Surgery, Division of Otolaryngology-Head & Neck Surgery
Since their introduction, cochlear implants have proven to be the gold standard treatment for individuals with severe and profound hearing loss. Innovations in the field continue to advance and improve patient experiences and outcomes. New and exciting clinical developments regarding these devices will be presented.

9:40–10:05 a.m.

Everyday Hearing Experiences of Cochlear Implantees: Device Use and Auditory Environments

Viji Easwar, PhD, MSc, Audiology FAAA, Visiting Professor, Department of Communication Sciences and Disorders
Hearing experience plays an important role in the nurturing of auditory skills in individuals with hearing loss. Monitoring hearing experience may help identify strategies to optimize listening opportunities. To this end, technological advances such as datalogging in cochlear implants (CI) has enabled objective monitoring of the user’s everyday hearing experiences. This talk will discuss datalogging-monitored factors that influence the CI user’s hearing experiences such as consistency of device use and the nature of the acoustic environments they are exposed to everyday.

10:05–10:20 a.m.

• • • • • **BREAK** • • • • •

10:20–10:45 a.m.

Novel Cochlear Implant Strategies for Improving Sound Localization

Tanvi Thakkar, PhD, Binaural Hearing and Speech Lab, Waisman Center
Everyday listening environments can be complex and noisy. Having two ears enables normal-hearing listeners to navigate in noisy environments and locate sounds in the horizontal plane. Patients with bilateral cochlear implants have access to sound in both ears but experience difficulties locating sound sources, particularly in noise. This outcome is due to the current processing strategies in clinical devices which do not capture accurate timing of the sound arriving at the two ears. The studies discussed here take a step toward providing unique strategies such that listeners with cochlear implants can detect the time-of-arrival of sounds and distinguish locations in noisy environments.

10:45–11:30 a.m.

Community Panel—A panel of experts including cochlear implant users and family members

Moderated by Ruth Litovsky, PhD, Professor, Department of Communication Sciences and Disorders, Department of Surgery and Waisman Center Investigator

11:30 a.m.–12:15 p.m. **Clinician Panel**—Question and answer session with a panel of clinicians

Please register at waisman.wisc.edu/events/experts-cochlear-implants-2019/

Sponsored by the Department of Surgery, Division of Otolaryngology, and the Friends of the Waisman Center

Hosted by the Department of Communication Sciences and Disorders and the Waisman Center, University of Wisconsin-Madison



Wiley Conference Center, T216, Second Floor, North Tower | 1500 Highland Avenue | Madison, WI
FREE ADMISSION AND PARKING | EVERYONE WELCOME

For additional details, call 608.263.5837 or email palumbo@waisman.wisc.edu