17th Annual Midwest Conference on Cochlear Implants
CI CRASH 2026

WAISMAN CENTER

Friday, November 13th

8:00 a.m. REGISTRATION, BREAKFAST & COFFEE

9:00 a.m. **Ruth Litovsky –** Meeting Welcome

Talks Part I (Moderated by Tanvi Thakkar)

9:05 a.m. **Ellen Peng** (Boys Town National Research Hospital) *Ellen.Peng@boystown.org*

Influence of front-end features on spatial release from masking

9:30 a.m. **Samantha O'Connell** (Wesleyan University) *sroconnell@wesleyan.edu*
Tim Anderson (Portland State University) *tim.anderson@pdx.edu*

A Case Study of Music Appreciation in a Single-Sided-Deaf Cochlear Implant User from Activation

9:55 a.m. **Lukas Suveg** (UW-Madison) *lsuveg@wisc.edu*

Auditory-Visual congruence of speech information: impacts on speech unmasking, decision making, and uncertainty in bilateral cochlear implant users

10:20 a.m. **Filip Miscevic** (University of Toronto) *filip.miscevic@mail.utoronto.ca*

Proof-of-Concept for a Gamified Real-time Neurofeedback Ear Training Task for Cochlear Implant Users

10:45 a.m. **BREAK** until 11:10 a.m.

CART available at:
https://www.streamtext.net/player?event=UW_CI_CRASH_2026

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Talks Part II (Moderated by Samantha O'Connell)

11:10 a.m. **Brittany T. Williams** (Northwestern) *Brittany.williams1@northwestern.edu*
Do Emotional Prosodic Cues in Competing Speech Aid Speech Stream Segregation?

11:35 a.m. **Karen Gordon** (The Hospital for Sick Children) *karen.gordon@utoronto.ca*
Cortical Processing of ITDs in brief binaural stimuli

12:00 p.m. **Abbey Thomas** (University of Minnesota) *abbeyt@umn.edu*
CI Listeners' use of prosody to predict and respond to the end of an utterance

12:25 p.m. **Francis Smith** (University of Iowa) *francis-smith@uiowa.edu*
Exploring Intrinsic Neural Network Properties in Cochlear Implant Users' EEG

12:50 p.m. **LUNCH** until 1:50 p.m.

Talks Part III (Moderated by Sean Anderson)

1:50 p.m. **Bobby Gibbs with a PSA for CI Research Study Hub**

1:55 p.m. **Alder Charles Family** (Madison, WI)
One Family's Cochlear Implant Journey

2:35 p.m. **Sara Misurelli (**UW-Madison) *smisurelli@wisc.edu*
Beyond the Booth: Can Remote Programming Reduce Anxiety in Adult Cochlear Implant Patients?

3:00 p.m. **Erin O'Neill** (GN Hearing) *eroneill@gnhearing.com*
The Other Half of the Equation: How Communication Partners Influence the Adoption and Use of Hearing Devices

3:25 p.m. **Yingxuan Wang** (University of Minnesota) *wan04032@umn.edu*
Midbrain Population Synchrony Evoked by Direct Auditory Nerve Stimulation

3:50 p.m. **BREAK** until 4:15 p.m.

Talks Part IV (Moderated by Sara Misurelli)

4:15 p.m. **Rachael Jocewicz** (UW Health Audiology) *rjocewicz@uwhealth.org*
Significant differences in pre-operative aided speech perception performance of adult cochlear candidates when tested with personal versus clinic programmed hearing aids

4:40 p.m. **Yewon Kim & Emma Liu** (University of Utah) *yewonkim02076@gmail.com*
Bridging AI and Cochlear Implants Through Real-Time Implementation and Evaluation of Noise-Reduction Algorithms

5:05 p.m. **Kevin Jiang** (University of Minnesota) *jian0767@umn.edu*
Defining the Operating Regime for Direct Auditory Nerve Stimulation

5:30 p.m. **SOCIAL HOUR & DINNER** (UW Waisman Center 8th floor Ziemann Suites)

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Saturday, November 14th

8:00 a.m. REGISTRATION, BREAKFAST & COFFEE

Talks Part V (Moderated by Ellen Peng)

9:00 a.m. **Sean Anderson** (Cochlear Ltd.) *seanderson@cochlear.com*
What does it really mean to predict speech outcomes from the auditory periphery?

9:25 a.m. **Sita Carraturo** (University of Iowa) *sita-carraturo@uiowa.edu*
Predicting Cochlear Implant Outcomes: The Role of Perceptual Learning

9:50 a.m. **Valeriy Shafiro** (Rush University) *Valeriy_Shafiro@rush.edu*
Perception of action and material properties of environmental sounds by cochlear implant users

10:15 a.m. **Prajna BK** (University of Illinois) *prajnab2@illinois.edu*
Loudness growth function and reverberation in cochlear implants: an electrodogram and speech intelligibility study

10:40 a.m. **BREAK** until 11:00 a.m.

Talks Part VI (Moderated by G. Nike Gnanateja)

11:00 a.m. **Tristan Zippert** (UW-Madison) *zippert@wisc.edu*
Towards an Automatic Speech Recognition Model of Phonemic Glimpsing in Noise with Electric Hearing

11:25 a.m. **Emily Burg (**Lurie Children's Hospital) *emburg@luriechildrens.org*
Neural Mechanisms of Speech Processing and Attention in Children with Normal Hearing and Cochlear Implants

11:40 a.m. **Bobby Gibbs** (UW-Madison) *bgibbs5@wisc.edu*
My New Friend TIM: Does Electric Field Spread Mediate the Link Between Speech Glimpsing Efficiency and Multipulse Integration?

12:05 p.m. **Marisol Castellanos** (University of Southern California) *mc68436@usc.edu*
All About That Bass: Restoring Place and Timing Cues in Cochlear Implants

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