

**13th annual Midwest Conference on Cochlear Implants**  
**CI CRASH 2022**



**Thursday, September 22<sup>nd</sup>**

6:00 p.m. Welcome Reception & Dinner

**Friday, September 23<sup>rd</sup>**

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

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

**Talks Part I (Moderated by Karen Gordon)**

9:10 a.m. **Tanvi Thakkar** (UW-LaCrosse) [tthakkar@uwlax.edu](mailto:tthakkar@uwlax.edu)

Brief overview of CI processing and goals in CI research

9:15 a.m. **Tanvi Thakkar**

*The impact of time-varying distortions on binaural cues with electric hearing*

9:35 a.m. **Elicia Pillion** (Walter Reed) [elicia.m.pillion.civ@health.mil](mailto:elicia.m.pillion.civ@health.mil)

*Clinical outcomes for adult single-sided deafness cochlear implantees exceeding the 5% candidacy criterion*

9:55 a.m. **Gunnar Quass** (University of Michigan) [gunnar.quass@gmail.com](mailto:gunnar.quass@gmail.com)

*Non-auditory brain activity and CI outcomes*

10:15 a.m. **Katelyn Berg** (Vanderbilt) [katelyn.a.berg@vanderbilt.edu](mailto:katelyn.a.berg@vanderbilt.edu)

*Characterizing the effects of channel interaction*

10:35 a.m. **Ellen Peng** (Boystown) [ellen.peng@boystown.org](mailto:ellen.peng@boystown.org)

*The role of balance on spatial hearing in children with bilateral cochlear implants*

10:55 a.m. BREAK

## Talks Part II (Moderated by Karen Gordon)

- 11:15 a.m. **David Landsberger** (New York University) *David.Landsberger@nyulangone.org*  
*Retuning the cochlear implant for improved music perception*
- 11:35 a.m. **Bobby Gibbs** (University of Maryland) *gibbsbe@umd.edu*  
*What acoustic criteria distinguishes a useful binaural glimpse through cochlear implants?*
- 11:55 a.m. **Yibo Fan** (Vanderbilt) *yibo.fan@vanderbilt.edu*  
*Evaluation of binaural cue sensitivity based on ERPs*
- 12:15 p.m. **Matthew Winn** (Univ. of Minnesota) *mwinn@umn.edu*  
*Precision and timing of listening effort*
- 12:35 p.m. LUNCH (Additional Seating available in Room A120)

## Talks Part III (Moderated by Tina Grieco-Calub)

- 1:30 p.m. **Karen Gordon** (University of Toronto) *karen.gordon@utoronto.ca*  
*Effects of COVID-19 lockdowns on cochlear implant use in children: evidence from datalogging systems*
- 1:50 p.m. **Brett Swanson** (Cochlear Ltd.) *bswanson@cochlear.com*  
*Microphone directionality in bimodal listening*
- 2:10 p.m. **Jordan Scott** (Rush University) *jordan\_e\_scott@rush.edu*  
*Quantifying incremental language processing in children with cochlear implants*
- 2:30 p.m. **Emily Price** (Rush University) *emily\_a\_price@rush.edu*  
*Environmental sound perception and auditory scene analysis in cochlear implant users*
- 2:50 p.m. BREAK

## Talks Part IV (Moderated by Tina Grieco-Calub)

- 3:10 p.m. **Prajna** (University of Illinois) *prajrab2@illinois.edu*  
*The possible range of interaural cross correlation after cochlear implant processing*
- 3:30 p.m. **Simin Soleimanifar** (University of Illinois) *simins2@illinois.edu*  
*Bilateral cochlear implant users and vocal intensity control*
- 3:50 p.m. **Monita Chatterjee** (Boystown) *monita.chatterjee@boystown.org*  
*Sequential stream segregation with speech stimuli in CI patients: digit sequences meet emotions?*
- 4:10 p.m. **Sean Anderson** (University of Colorado) *sean.hearing@gmail.com*  
*Do field potentials from the binaural brainstem show adaptation to stimulus statistics?*
- 6:00 p.m. DINNER

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**Saturday, September 24<sup>th</sup>**

**9:00 a.m.** REGISTRATION, BREAKFAST & COFFEE

**Talks Part V (Moderated by Melissa Polonenko)**

**9:30 a.m. Nike Gnanatheja Gurindapalli** (UW-Madison) [gurindapalli@wisc.edu](mailto:gurindapalli@wisc.edu)  
*Behavioral and neural processing of temporal fine-structure information important for speech perception in noise*

**9:50 a.m. Erin Harvey** (Medical College of Wisconsin) [eharvey@mcw.edu](mailto:eharvey@mcw.edu)  
*Coping strategies in relation to speech perception outcomes and (possibly) quality of life in cochlear implant recipients*

**10:10 a.m. Andie DeFreese** (Vanderbilt) [andrea.j.defreese@vanderbilt.edu](mailto:andrea.j.defreese@vanderbilt.edu)  
*Visual plasticity in cochlear implant candidates*

**10:30 a.m.** BREAK

**Talks Part VI (Moderated by Melissa Polonenko)**

**10:55 a.m. Benjamin Richardson** (Carnegie Mellon) [bnrichar@andrew.cmu.edu](mailto:bnrichar@andrew.cmu.edu)  
*Informational masking release using large interaural level difference cues*

**11:15 a.m. Kristi Ward** (Stanford) [krward@stanford.edu](mailto:krward@stanford.edu)  
*Use of parent-report clinical questionnaires to assess functional outcomes in children with cochlear implants*

**11:35 a.m. Seba Ausili** (Univ of Miami) [s.ausili@miami.edu](mailto:s.ausili@miami.edu)  
*An open-source model framework for simulating spatial hearing of bilateral cochlear implant users*

**11:55 a.m.** ADJOURN