



# EAR DAY 2023

Department of Communication Disorders & Sciences Rush University &  
Chicago Chapter of the Acoustical Society of America

February 3, 2023

Armour Academic Building, Lecture Hall 976

RSVP to [janie\\_murphy@rush.edu](mailto:janie_murphy@rush.edu) by January 27

Eligibility for ASHA 0.5 CEU is expected pending ASHA approval

- 8:30 – Coffee and light breakfast
- 8:50 – Introduction & welcome – Valeriy Shafiro - Rush University
- 9:00 – Age-related hearing loss: Causes, characteristics & consequences  
Uzma Akhtar - Rush University
- 9:20 – Behavioral markers of age-related hearing loss through the attentional network task  
David Cao - Medical College of Wisconsin
- 9:40 – Processing of auditory semantic novelty in human cortex: An intracranial electrophysiology study  
Kirill Nourski – University of Iowa
- 10:00 – Discussion
- 10:10 – 10:20 Break
- 10:20 – An elusive objective test for tinnitus in humans Joel Berger– University of Iowa
- 10:40 – Elicitation of olivocochlear reflexes and wideband acoustic reflexes using pulsed versus steady-state noises Ian Mertes - University of Illinois Urbana-Champaign
- 11:00 – Measurement of swept level distortion product otoacoustic emission (DPOAE) growth functions simultaneously across frequencies  
Courtney Glavin - Northwestern University
- 11:20 – Discussion
- 11:30 – 11:40 Break
- 11:40 – Beyond speech perception: What we've learned about environmental sound perception in cochlear implant users Michael Harris - Medical College of Wisconsin
- 12:00 – Coping strategies in cochlear implant candidates Erin Harvey - Medical College of Wisconsin
- 12:20 – Calling out nonsense is harder than you think: Odd sentence recognition in cochlear implant users Valeriy Shafiro - Rush University
- 12:40 – Discussion
- 12:50 – 2:00 Lunch
- 2:00 – Audiovisual speech cues facilitate recognition of gated vocoded speech  
Tina Grieco-Calub – Rush University
- 2:20 – The role of interaural correlation and interaural asymmetry on binaural fusion  
Justin Aronoff - University of Illinois Urbana-Champaign
- 2:40 – Immersive group conversation enhancement with wireless hearing devices  
Ryan Corey - University of Illinois at Chicago
- 3:00 – Discussion
- 3:10 – 3:20 Break
- 3:20 – Do patients treated with teprotumumab meet American Speech-Language-Hearing Association (ASHA) criteria for ototoxicity?  
Molly Murray - Medical College of Wisconsin
- 3:40 – Comparison of direct-to-consumer delivery models for hearing devices: Progress report on 3-year multi-site RCT Mary Meskan - Northwestern University
- 4:00 – Revisiting consumer attitudes towards direct-to-consumer models of hearing healthcare  
Jasleen Singh - Northwestern University
- 4:20 – General Discussion