



# EAR DAY 2024

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

March 8, 2024

Armour Academic Building, Lecture Hall 976

RSVP to [janina\\_murphy@rush.edu](mailto:janina_murphy@rush.edu) by March 4

Eligibility for ASHA 0.45 CEU is expected pending ASHA approval

8:30 – Coffee and light breakfast

8:50 – Introduction & Welcome – Valeriy Shafiro - Rush University

9:00 – Patient Perceived Hearing Loss: Implications for Over-the-Counter (OTC) Hearing Aids

Elias Michaelides - Rush University Medical Center

9:20 – Speechreading in Preschool-aged Children

Danbi (Tan Bi) Kim – University of Illinois Chicago

9:40 – The Effects of Auditory Object Formation on Binaural Fusion

Jordan Deutsch – University of Illinois Urbana-Champaign

10:00 – Discussion

10:10 – 10:20

Break

10:20 – What Do Bats Have to Say About Auditory Communication Processing?

Angeles Salles – University of Illinois Chicago

10:40 – Mechanisms of Hearing Loss in a Newly Generated Mouse Model

Kaley Graves - University of Illinois Urbana-Champaign

11:00 – Investigating a Role for Cortical Inhibition in Auditory Scene Analysis

Oliver (Zhili) Qu – University of Illinois Urbana-Champaign

11:20 – Discussion

11:30 – 11:40

Break

11:40 – Clinical Predictions of Speech Recognition after Cochlear Implantation

Berenice Ramirez Leal - Medical College of Wisconsin

12:00 – An Extraordinary Auditory Brainstem Implant (ABI) User: Strengths, Weaknesses, and

Milestones Carolyn Herbert – Indiana University

12:20 – Neurocognitive Contributions to the Recognition of Spectrally Degraded Speech

Aaron Moberly – Vanderbilt University Medical Center

12:40 – Discussion

12:50 – 2:00

Lunch

2:00 – Multi-view Studies of Age-Related Hearing Loss

Uzma Akhtar – Rush University

2:20 – Neural Mechanisms of Speech Perception in Noise in Middle-aged Adults

Jacie McHaney - Northwestern University

2:40 – Hearing Loss and Cognitive Decline: Clinical Implications and Impact of Hearing Rehabilitation

Alex Tu - Medical College of Wisconsin

3:00 – Discussion

3:10 – 3:20

Break

3:20 – What's in a Sound?: Assessment of Environmental Sound Perception in Listeners with Normal and Impaired Hearing Valeriy Shafiro – Rush University

3:40 – Environmental Sound Comprehension in Cochlear Implant Users

Louisa Forrest - Rush University

4:00 – Visualizing Evoked Activity in Vestibular Inner Ear

Marina Kabirova - University of Chicago

4:20 – General Discussion