

PRESENTERS & MODERATOR

■ **Alan Kan, PhD**, is an assistant scientist in the Binaural Hearing and Speech Lab at the Waisman Center. He has a bachelor's degree in telecommunications engineering and a PhD in engineering, both from the University of Sydney, Australia. While pursuing his PhD, he worked as a consultant for two audio technology startup companies developing algorithms for the personalization of 3D audio. In 2010, he moved to UW-Madison to apply his scientific and engineering expertise to understanding the challenges people face when listening with cochlear implants, and to the development of innovative new strategies for maximizing hearing success with cochlear implants. His research work has been supported by grants from the National Institute on Deafness and Other Communication Disorders (NIH-NIDCD) and from the Hearing Health Foundation.

■ **Ruth Litovsky, PhD**, is a Waisman Center investigator and professor in the Department of Communication Sciences and Disorders with a joint appointment in the Department of Surgery, Division of Otolaryngology-Head and Neck Surgery at UW-Madison. She directs the Binaural Hearing and Speech Lab at the Waisman Center. Her research questions focus on how people are able to hear in noisy environments and how to improve processing of cochlear implants so that children and adults who are deaf and rely on cochlear implants can maximize their communication success. Her research program is funded by the NIH-NIDCD.

■ **Sara Misurelli, PhD**, currently serves as visiting assistant professor in the Department of Communication Sciences and Disorders at UW-Madison, where she earned both her BA and PhD. Misurelli has been a member of the Waisman Center's Binaural Hearing and Speech Lab for seven years. Her research focuses on how individuals with normal hearing and with cochlear implants function in noisy environments. Most recently, she began to investigate the role of executive function in defining individual differences of performance when listening to speech in noise.

■ **Mark Pyle, MD**, is double board certified by the American Board of Otolaryngology-Head and Neck Surgery and the American Board of Neurotology. He specializes in otology, neurotology and lateral skull base surgery with specialty areas in disorders of the ear, facial nerve and balance disorders, restoration of hearing and cochlear implantation, and skull base tumor surgery. Pyle is a professor of otolaryngology and neurological surgery, the director of the Otolaryngology Residency Training Program, academic vice chair of the Division of Otolaryngology and section head of Otology and Neurotology. His research interests include new techniques in intraoperative monitoring during acoustic neuroma surgery, outcome studies in the surgical treatment of vertigo, objective measurements of middle ear function and embryologic development of the inner ear.



5th Annual Waisman Center Day with the Experts: Cochlear Implants

Saturday, June 4, 2016

9:00 a.m. - 12:15 p.m.

John D. Wiley Conference Center

Waisman Center, University of Wisconsin-Madison

Learn about the latest advances in research and hear from a panel of experts including individuals with cochlear implants and family members.

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

Hosted in partnership with the Department of Communication Sciences and Disorders.



