

ABOUT THE PRESENTERS cont.

Christi Hess, MS, CCC-SLP, received her BS in communication sciences and disorders and MS in speech-language pathology from James Madison University. From 2007- 2009, she worked in New York City as a speech-language pathologist for NYEE's Cochlear Implant Center and Strivright/The Auditory Oral School of New York providing auditory rehabilitation as well as speech/language therapy to children ages 0-5 with hearing impairment. In 2010 she came to UW-Madison to complete her PhD in the Binaural Hearing and Speech Laboratory with Ruth Litovsky, PhD.

Ruth Litovsky, PhD, is a Waisman Center investigator and professor in the Department of Communicative Disorders with a joint appointment in the Department of Surgery, Division of Otolaryngology at the University of Wisconsin-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 success at communication. Her research program is funded by the NIH-NIDCD.

Kristin McArdle, MSW, APSW, works as a medical social worker with the Cochlear Implant team, seeing patients of all ages. She also works with children with cleft and craniofacial difference in a clinic setting. She has worked on special projects focused on youth health transitions and occasionally works in the emergency room at the UW Hospital. She earned her MSW from UW-Madison.

Mark Pyle, MD, is 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. He is a professor of otolaryngology and neurological surgery, the director of the Otolaryngology Residency Training Program and academic vice chair of the Division of Otolaryngology. He is section head of Otology and Neurotology. Research interests include treatment outcomes in Meniere's Disease, hearing preservation in vestibular schwannoma surgery, embryologic development of the ear and vestibular rehabilitation.

James Reiher, JD, brings more than 35 years of experience to The Schroeder Group. He focuses his practice on civil litigation, labor and employment law, criminal defense, ethics issues and contracts. In addition, Reiher has extensive experience in personal injury claims and personal injury defense, as well as product liability and insurance disputes. He graduated in 1969 from the UW Law School.

J. Thomas Roland, Jr., MD, is the chairman of the Department of Otolaryngology-Head and Neck Surgery at the NYU Langone Medical Center. His clinical work is in the disciplines of Otology/Neurotology and Skull Base Surgery. As director of Otology and neurotology division in the Departments of Otolaryngology and Neurosurgery, he is responsible for training of fellows and residents and has a very active clinical practice. He is also co-director of the NYU Cochlear Implant Center, one of the largest and most productive centers in the world. He clinically manages patients and conducts research in Cochlear Implants, Auditory Brainstem Implants and the management of Acoustic Neuroma and other Skull Base Lesions.

Matt Winn, AuD, PhD, in an audiologist and researcher who received his AuD and PhD from the University of Maryland. His research focuses on sensitive measures of speech perception by listeners with hearing impairment. Winn began working at the Waisman Center in 2012 and is currently working on quantifying the clarity of sound in cochlear implants and measures of listening effort.

2nd Annual Waisman Center Day with the Experts: Cochlear Implants

Sunday, June 23, 2013

8:30 a.m. - 2:30 p.m.

**John D. Wiley Conference Center
Waisman Center, UW-Madison**

Participants will learn about the latest advances in research and will hear firsthand from a panel of experts—cochlear implant users and their families.

**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

SCHEDULE

8:30 a.m.

Welcome and Introduction to the Waisman Center

Marsha R. Mailick, PhD, Director, Waisman Center

Vaughan Bascom and Elizabeth M. Boggs Professor

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

Schedule Overview and Introduction of Speakers

9:15 a.m. - 10:00 a.m.

Changing CI Candidacy Criteria and Outcomes

J. Thomas Roland, Jr., MD, Mendik Foundation Professor of Otolaryngology

Chair, Department of Otolaryngology, NYU Langone Medical Center

10:00 a.m. - 11:00 a.m.

Brain Plasticity and Development in Children and Adults with Cochlear Implants

Ruth Litovsky, PhD, Professor, Communication Sciences and Disorders,

Department of Surgery, and Waisman Center Investigator

Different Evaluations for Different Kinds of Hearing

Matthew Winn, AuD, PhD, Research Associate, Waisman Center

11:00 a.m. - Noon

Panel Discussion

A panel of experts including CI users and their family members

Noon - 1:00 p.m.

Catered Picnic Lunch

Optional Lunch Session: Cochlear Implants - The Coverage Issue

James Reiher, JD, The Schroeder Group

This presentation will focus on the history, analysis, and pursuit of insurance coverage for cochlear implants.

1:00 p.m. - 1:45 p.m.

The Benefits of Cochlear Implantation in the Elderly

Mark Pyle, MD, Professor, Division of Otolaryngology-Head and Neck Surgery,

Academic Vice-Chair, Division of Otolaryngology; Chair, Otology and Neurotology

-or-

Special Considerations in Pediatric Cochlear Implantation

Sam Gubbels, MD, FACS, Assistant Professor, Division of Otolaryngology-Head and Neck

Surgery, Section of Otology and Neurotology, and Waisman Center Investigator

1:45 p.m. - 2:30 p.m.

Clinical Perspectives on Cochlear Implants

Melanie Buhr-Lawler, AuD, CCC-A, Audiologist, Clinical Assistant Professor, Department of Communication Sciences and Disorders

Christi Hess, MS, CCC-SLP, Speech-Language Pathologist

Kristin McArdle, MSW, APSW, Clinical Social Worker, Pediatric Cleft and Craniofacial Clinic CI Team, American Family Children's Hospital

ABOUT THE PANELISTS

■ **The Guerts Family:** Jayce, the son of Adam and Stefani, was born with congenital cytomegalovirus on February 23, 2012. After two failed infant hearing screenings in the NICU and an ABR at 7 weeks old, he was diagnosed with profound hearing loss in his right ear and a moderate to severe loss in his left ear. Jayce received a cochlear implant in his right ear on February 28, 2013. He participates in speech therapy and has recently started responding to his name.

■ **John Kinstler** was born profoundly deaf, with 80/90 dB hearing loss between both ears. He was raised orally and learned American Sign Language while attending the National Technical Institute for the Deaf. John received his first cochlear implant on his left side in 2005 and his second implant in 2007. After receiving his implants, his Hearing In Noise Test score went from 7% to 88%. John created two educational/entertainment videos for children, "Sign Songs" and "Sign ABCs." He currently works for Ultratec, Inc. as CapTel Outreach Marketing Manager and volunteers with Cochlear™ Awareness Network Volunteer and Hearing Loss Association of America (HLAA) Madison Chapter.

■ **Leona Schaefer** has been hearing impaired since the age of three and is enjoying tremendous success with bilateral cochlear implants since September 2012. Having a career as a physical therapist assistant in Oshkosh and being a loving wife to her hearing husband Kyle and a doting mother to two hearing daughters keeps her days occupied and fulfilled. When Leona has free time she enjoys gardening, scrapbooking, taking walks, camping and bicycling with the family. One of her favorite activities is bird watching, which has been enhanced by bilateral cochlear implants as she can now identify the birds by their songs.

■ **Rosemary Sutter** is a wife of 54 years, a mother of three and a grandmother of four. She graduated from St. Mary's School of Nursing in 1957. She was diagnosed with sensorineural hearing loss in 2009, which suddenly became worse in 2011. In 2012, Rosemary received a right ear cochlear implant. Since then, she again enjoys volunteering, gardening, looking and listening to nature, and visiting friends. But most of all, Rosemary is able to connect with family members again.

ABOUT THE PRESENTERS & MODERATOR

Marsha R. Mailick, PhD, is the Vaughan Bascom and Elizabeth M. Boggs Professor and director of the Waisman Center. She received her PhD in social policy from Brandeis University. Mailick joined the UW-Madison faculty in 1988 and has been director of the Waisman Center since 2002. An international authority on families of people with developmental disabilities, Mailick's research focuses on life course impacts of developmental disability on the well-being of parents and siblings.

Melanie Buhr-Lawler, AuD, CCC-A, is a clinical audiologist and a clinical associate professor at the University of Wisconsin-Madison. She has experience working as a cochlear implant audiologist on multidisciplinary cochlear implant teams at a children's hospital and at an eye and ear specialty hospital. She teaches the graduate-level course on cochlear implants and other implantable auditory devices at UW-Madison.

Samuel Gubbels, MD, FACS, is a Waisman Center investigator and assistant professor in the Division of Otolaryngology-Head and Neck Surgery at UW-Madison. His clinical practice is devoted to the treatment of adults and children with hearing loss and ear disease, with particular focus on cochlear implantation. His research interests are in the development of novel methods to study and treat hearing loss using different types of stem cells to generate the hair cells of the inner ear.

Continued on back cover