

## THURSDAY, OCTOBER 15

### 7:30 - 8:30 am Breakfast Symposia

#### Cochlear Americas Corporate Symposium

##### Meaningful Innovations and Expanding Indications

Patti Trautwein, AuD (Cochlear Americas)

Regina Presley, AuD (Greater Baltimore Medical Center)

Terry Zwolan, PhD (University of Michigan Cochlear Implant Program)

### 8:40 – 9:20 am Opening Conference Plenary

#### Plenary Session

##### Title Pending

Presenters TBA

### 9:30 - 11:20 am General Session

#### Auditory Brainstem Implants in Children

**Co-Chairs:** J. Thomas Roland, MD (NYU Medical Center) and Craig Buchman, MD (Washington School of Medicine)

9:30 -9:45 am      **Pediatric Auditory Brainstem Implantation: New Challenges for Audiologists**  
Laurie Eisenberg, PhD (Keck School of Medicine of USC)

9:45-10:00 am      **Surgical Placement and Complications of ABI in Children**  
J. Thomas Roland, MD (NYU Medical Center)

10:00 - 10:15 am      **Speech and Language Development in ABI Candidates: Setting Expectations**  
Lillian Henderson, MSP (UNC)

10:15 - 10:30 am      **Objective Measures and Outcomes of ABI in Children**  
Craig Buchman, MD (Washington School of Medicine)

10:30 - 11:00 am      **PANEL:** All of above speakers and Holly Teagle, AuD (UNC), Daniel Lee, MD (Mass Eye & Ear), Shuman He, MD (UNC), Vittorio Colletti, MD (University of Verona, Italy), Eric Wilkinson, MD (House Clinic)

11:00 - 11:20 am      **BREAK**

## THURSDAY, OCTOBER 15, CONTINUED

### 11:20 - 1:45 pm General Session

#### Expanded Indications for Cochlear Implantation

**Co-Chairs:** Jill Firszt, PhD (Washington University School of Medicine) and Howard Francis, MD (Johns Hopkins)

11:20 - 11:34 am	<b>Variables Affecting Outcomes for Speech Perception and Localization in Patients who have NH in One Ear and a CI in the Contralateral Ear</b> Camille Dunn, PhD (University of Iowa)
11:34 - 11:48 am	<b>Benefits of Cochlear Implantation Among Adults and Children with Unilateral Hearing Loss</b> Doug Sladen, PhD (Mayo Clinic)
11:48 - 12:02 pm	<b>Indication and Results of Cochlear Implantation in Children with Congenital and Acquired Single Sided Deafness</b> Susan Arndt, MD (University of Freiberg, Germany)
12:02 - 12:16 pm	<b>Measuring Listening Ability in Adults with SSD</b> Bradford May, PhD (Johns Hopkins University)
12:16 - 12:30 pm	<b>Objective Measures of Speech Understanding, Sound Quality, and Cortical Reorganization Following CI for SSD in Kids and Adults</b> Daniel Zeitler, MD (Virginia Mason Clinic, Seattle)
12:30 - 12:50 pm	<b>PANEL</b>
12:50 - 1:45 pm	<b>LUNCH</b>

### 1:45-3:15 pm Concurrent Sessions

#### Concurrent Session: Improving Access to Care

**Clinically Sponsored Investigations: Navigating the Regulatory and Funding Hurdles for Single-Sided Deafness and Auditory Brainstem Implants**

Laurel Fisher, PhD (Keck School of Medicine of USC )

**Development of a Community-Based Clinical Registry for Patients with Cochlear Implants**

Jedidiah Grisel, MD (Auditory Implant Initiative)

**Feasibility and Satisfaction of Remote Programming Recipients in their Homes**

Allison Bieber, AuD (Rocky Mtn Ear Ctr)

## THURSDAY, OCTOBER 15, CONTINUED

### 1:45-3:15 pm Concurrent Sessions, Continued

#### Concurrent Session: Improving Access to Care

##### Clinical Experience with Lean Six Sigma to Develop Best Cochlear Implant Practices

Dawna Mills, AuD (House Clinic)

##### Cost-effectiveness of Pediatric Bilateral Cochlear Implantation in Spain

Francisco Díez, MD (UNED, Spain)

##### Special Aspects of Vintage Cochlear Implant Support: Consensus Development for Sustainable Access to Audition

Greg Licameli, MD (Boston Children's Hospital)

##### New Comprehensive Cochlear Implant Questionnaire for Measuring Quality of Life After Sequential Bilateral Cochlear Implantation

Edmund Nahm, MD (New York Eye and Ear)

##### A New U.S. Cochlear Implant Standard: Development and Overview

Vasant Dasika (FDA)

##### A New U.S. Cochlear Implant Standard: Reliability Reporting

Julie Verhoff, AuD (River School)

#### PANEL

#### Concurrent Session: Cochlear Implants in Single Sided Deafness

##### Defining a Critical Window in Binaural Processing: Implications for Single-Sided Deafness Cochlear Implant Candidacy in Children

Samuel Barber (Harvard)

##### Single Sided Deafness Cochlear Implantation in Children

Sean McMenomey, MD (NYU Medical Center)

##### Clinical Outcomes in Cochlear Implantation in Young Children with Unilateral Hearing Loss: Candidacy and Post-Operative Experiences and Considerations

Yetta Abrahams, MAudSA (The Shepherd Centre, Australia)

##### Localization Abilities after Cochlear Implantation in Cases of Single-Sided Deafness

Harold Pillsbury, MD (UNC)

##### Speech Perception Abilities after Cochlear Implantation in Cases of Single-Sided Deafness

Margaret Dillion, AuD (UNC)

## THURSDAY, OCTOBER 15, CONTINUED

### 1:45-3:15 pm Concurrent Sessions, Continued

#### Concurrent Session: Cochlear Implants in Single Sided Deafness

##### Feasibility Study of the Cochlear Nucleus System in Adults with Single-Sided Deafness

Jill Firszt, PhD (Washington University)

##### Single-sided Deafness and Music Perception: The Impact of Bimodal Hearing

Kate Gfeller, PhD (University of Iowa)

##### Music Enjoyment in SSD Patients: The Synergistic Effect of Electric and Acoustic Stimulation

David Landsberger, PhD (NYU Medical Center)

**PANEL:** All above speakers and Lindsay Zombek, MS, CCC-SLP (University Hospitals Case Medical Center)

#### Concurrent Session: Outcomes in Children

##### Development of Speech Recognition following Pediatric Cochlear Implantation: A Time- to-Event Analysis of Longitudinal Outcomes in the Childhood Development after Cochlear Implantation (CDaCI) Study

Karen Johnson (Keck School of Medicine of USC)

##### Listening Outcomes using the Functional Listening Index Following Cochlear Implantation in Young Children: The Precursor to Speech and Language

Katie Neal (The Shepherd Centre, Australia)

##### A Growth Chart for Benchmarking Longitudinal Verbal Language Development after Pediatric Cochlear Implantation: the Childhood Development after Cochlear Implantation (CDaCI) Study

Nae-Yuh Wang, PhD (Johns Hopkins)

##### Brain Responses to Musical Feature Changes in Adolescent Cochlear Implant Users

Bjorn Petersen (Center of Music in the Brain, Denmark)

##### Unexpected Findings: ANSD and a Case for Bilateral Cochlear Implantation

Lori Bobsin, PhD (University of Virginia Health)

##### Mental Health Problems and Schooling in Adolescents with Cochlear Implants

Maria Huber, DPhil (University Clinic Salzburg, Austria)

##### The Real Markers of Success in Cochlear Implantation in Young Children: Social Skills and Theory of Mind

Katie Neal (The Shepherd Centre, Australia)

## THURSDAY, OCTOBER 15, CONTINUED

### 1:45-3:15 pm Concurrent Sessions, Continued

#### Concurrent Session: Outcomes in Children

##### PANEL

### 3:30-4:30 pm Twilight Sessions

#### Difficult Cases: Therapy and Education

**Chair:** Sally Tannenbaum, M.Ed (University of Chicago Medicine)

Becky Clem, MA (Cook Children's Medical Center)

Linda Daniels, MA (Dallas Ear Institute)

Sarah Ammerman, PhD (University of TX Health Science Center, San Antonio)

#### Difficult Cases: Medical / Surgical

**Chair:** David Haynes, MD (Vanderbilt University)

Larry Lustig, MD (Columbia University)

Nik Blevins, MD (Stanford University)

Fred Telischi, MD (University of Miami)

Robert Labadie, MD (Vanderbilt University)

Matthew Carlson, MD (Mayo Clinic)

#### Difficult Cases: Audiology

**Chair:** Terry Zwolan, PhD (University of Michigan)

Andrea Hedley-Williams, AuD, CCC-A (Vanderbilt University Medical Center)

Myles Kessler, AuD (ENT Medical & Surgical Group)

Mindy Schmeizer, AuD (Westchester Institute for Human Development)

English King, AuD (UNC)

### 4:30 pm Poster Presentations

### 5:30 - 7:00 pm Opening Reception

Sponsored by:



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## FRIDAY, OCTOBER 16

**7:30 - 8:30 am Breakfast Symposia****MED-EL Corporate Symposium****MED-EL Breakfast Symposium**

Darla Franz, MA (MED-EL)

Jennifer Robinson, AuD (MED-EL)

MaryKay Therres, MS CCC-SLP, LSLS Cert AVT (MED-EL)

Jane Opie, PhD (MED-EL)

David Landsberger, PhD (NYU School of Medicine)

Johanna Paetzold (MED-EL)

**9:50 - 11:25 am General Session****Quality of Life and Cost-Effectiveness of Cochlear Implantation****Chair:** John K. Niparko, MD (Keck School of Medicine of USC)

9:50 - 10:10 am	<b>Expanding Access: Cost-Effectiveness of Cochlear Implantation in Emerging Economies</b> Susan Emmett, MD, MPH (Johns Hopkins)
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10:10 - 10:30 am	<b>Cost Effectiveness of Cochlear Implantation in the U.S. And Europe</b> Debara Tucci, MD, MBA, MS (Duke Medicine)
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10:30 - 10:50 am	<b>Quality of Life and Cost Effectiveness of Cochlear Implantation in Canada</b> Joseph Chen, MD (University of Toronto)
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10:50 - 11:10 am	<b>Payer Considerations in Reimbursing New Services and Technologies</b> Ernest Schwefler (Contracting Officer USC Care)
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11:10 – 11:25 am	<b>PANEL</b>
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**Literacy and Cochlear Implantation: Outcomes and Intervention Strategies****Co-Chairs:** Ann Geers, PhD (University of TX at Dallas) and Amy Lederberg, PhD (Georgia State)

9:50 - 10:10 am	<b>Emergence of Literacy Throughout the School Years in Children with Cochlear Implants</b> Ann Geers, PhD (University of Texas at Dallas)
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10:10 - 10:30 am	<b>Effective Intervention Strategies for Teaching Early Literacy Skills to Deaf Children with Cochlear Implants</b> Amy Lederberg, PhD (Georgia State University)
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**FRIDAY, OCTOBER 16, CONTINUED**

**9:50 - 11:25 am General Session, Continued****Literacy and Cochlear Implantation: Outcomes and Intervention Strategies**

10:30 - 10:50 am	<b>Identifying Gaps in our Knowledge of Literacy in Children with Cochlear Implants: What Do We Want to Know Next and Why?</b> Heather Hayes, PhD (Washington University)
10:50 - 11:10 am	<b>PANEL:</b> All above speakers and Jean Moog (Moog Center for Deaf Education), Hendi Kowal and Christina Marmor, Parents
11:10 - 11:25 am	<b>BREAK</b>

**11:25 - 12:45 pm General Session****Trends in Objective Measures for Cochlear Implantation****Chair:** Michelle Hughes, PhD (Boys Town National Research Hospital)

11:25 - 11:45 am	<b>What Can Stimulus Polarity Tell Us About Auditory Nerve Function?</b> Michelle Hughes, PhD (Boys Town)
11:45 - 12:05 pm	<b>Evoked Potentials and CT Imaging</b> Julie Bierer, PhD (University of Washington)
12:05 - 12:25 pm	<b>Objective Measures in Children with Auditory Neuropathy</b> Shuman He, MD, PhD (UNC)
12:25 - 12:45 pm	<b>PANEL</b>

**Cochlear Implant Connectivity to Other Technologies****Co-Chairs:** Erin Schafer, PhD (University of North Texas) and Donna Sorkin, MA (ACI Alliance)

11:25 - 11:35 am	<b>Introduction: Why Federal Laws Requiring Communication Access Have Failed</b> Donna Sorkin, MA (ACI Alliance)
11:35 - 11:55 am	<b>Cell Phones and Cochlear Implants: How Telecommunications Accessibility Research Informs Clinical Practice</b> Linda Kozma-Spytek, MA (Gallaudet University)
11:55 - 12:15 pm	<b>Cochlear Implant Connectivity to Other Technologies</b> Erin Schafer, PhD (University of North Texas)
12:15 - 12:25 pm	<b>Perspectives on Connectivity by an Educational Audiologist and User</b> Tina Childress, MA (Case Audiology and IL School for the Deaf)
12:25 - 12:45 pm	<b>PANEL</b>
12:45 - 1:45 pm	<b>LUNCH</b>

**FRIDAY, OCTOBER 16, CONTINUED****1:45 - 3:15 pm Concurrent Sessions**

<b>Concurrent Session: ABI and CI in Cochlear Nerve Deficiency</b>
<b>Chair:</b> Eric P. Wilkinson, MD FACS (House Clinic)
<b>Introduction and Cochlear Implantation Before Auditory Brainstem Implantation in Cochlear Nerve Deficiency</b> Eric Wilkinson, MD (House Clinic)
<b>Auditory Brainstem Implants in Non- NFII Pediatric Patients: An Update</b> Alison Singleton, AuD (NYU Medical Center)
<b>Cochlear Nerve Deficiency: Cochlear Implant or Auditory Brainstem Implant?</b> Holly Teagle, AuD (UNC)
<b>Auditory Brainstem Implant for Hearing Rehabilitation in Children with Neural Deafness</b> Thomas Lenarz, MD (Hannover Medical University, Germany)
<b>Auditory Brainstem Implant Surgery in Infants: Our Experience at the Massachusetts Eye and Ear Infirmary</b> Sidharth Puram, MD (Mass Eye and Ear)
<b>Case Presentations and Panel:</b>
<b>Case Presentation</b> Colin Driscoll, MD (Mayo Clinic)
<b>Cochlear Implantation with Absent Cochlear Nerve on MRI</b> Jeff Carron, MD (University of Mississippi)
<b>Case Presentation</b> Nancy Young, MD (Ann & Robert Lurie Children's Hospital of Chicago)
<b>Simultaneous CI and ABI</b> Levent Sennaroglu, MD (Hacettepe University Medical, Turkey)
<b>PANEL:</b> All above speakers and Laurel Fisher (Keck School of Medicine of USC), Margaret Winter (USC), Bill Shapiro (NYU), Thomas Lenarz (Hannover Medical University), Sidharth Puram (Mass Eye and Ear), Vittorio Colletti (University of Verona, Italy)
<b>Concurrent Session: Improving Challenging Listening Environments</b>
<b>Use of Microphone Technology to Improve Speech Perception in Background Noise in Pediatric CI Users</b> Patti Johnstone, PhD (University of Tennessee HSC)
<b>Results with a Background Noise Reduction Algorithm in the Nucleus 6 Sound Processor</b> Jason Brant, MD (Hospital of University of PA)
<b>Use of Adaptive Noise Management Technology</b> Sara Neumann, AuD (Hearts for Hearing)
<b>Optimizing Hearing Performance with a Wireless Remote Microphone Audio Streaming Accessory</b> Elizabeth Musgrave, AuD (Hearts for Hearing)
<b>Demonstrating Benefits of Beam Forming Technology Using Clinically Available Equipment in Counseling Adult CI Users to Influence "Real World" Behavior</b> Julia Webb, AuD (Arkansas Children's)

## FRIDAY, OCTOBER 16, CONTINUED

1:45 - 3:15 pm Concurrent Sessions, Continued



<b>Concurrent Session: Improving Challenging Listening Environments</b>
<b>Interactive Learning Environment for Optimizing Technology Use</b> Dragana Barac-Cikoja, PhD (Gallaudet University)
<b>PANEL</b>
<b>Concurrent Session: Literacy and Language</b>
<b>Early Vocabulary and Phonological Awareness Intervention and Impact on Academic Achievement</b> Meredith Ouellette, MS (River School)
<b>Language and Reading Abilities of Kindergarten through Second Grade Children with CI: A Short Term Longitudinal Study</b> Amy Lederberg, PhD (Georgia State University)
<b>Listening and Spoken Language Outcomes: A Longitudinal Study of Pediatric Cochlear Implant Recipients</b> Donald Goldberg, PhD (Cleveland Clinic)
<b>A Conversational Approach to Intervention Paves the Way to Literacy</b> Amy McConkey Robbins, CCC-SLP (Communication Consulting Services)
<b>Literacy Skills Are Not Enough to Reduce the Delay in Lexical Knowledge in Young Hearing Impaired Adults with Long-Term Use of Cochlear Implants and Hearing Aids in Comparison to Hearing Peers</b> Liat Kishon-Rabin, PhD (Tel-Aviv University, Israel)
<b>Bridging the Literacy Gap in Deaf and Hard of Hearing Children from Bilingual (Spanish-English) Homes</b> Dianne Hammes Ganguly, MA (Keck School of Medicine of USC)
<b>Reading Between the Lines</b> Anita Vereb, Ph.D., (University of Michigan)
<b>PANEL</b>
<b>BREAK</b>
<b>3:30 - 5:00 pm Concurrent Sessions</b>
<b>Concurrent Session: Electric Acoustic Stimulation</b>
<b>Outcomes for Hybrid Cochlear Implant Recipients Who Maintain Minimal or No Low-Frequency Residual Hearing</b> Camille Dunn, PhD (University of Iowa)
<b>Speech Outcomes with the CI422 and Contour Electrode Arrays</b> Sandra Velandia, AuD (University of Miami)
<b>The US Electric Acoustic Stimulation (EAS) Clinical Trial: Audiological Results &amp; Programming Using Electrical Stapedial Reflex Thresholds</b> Diane Martinez, AuD (University of Miami)

## FRIDAY, OCTOBER 16, CONTINUED

3:30 - 5:00 pm Concurrent Sessions, Continued

<b>Concurrent Session: Electric Acoustic Stimulation</b>
<b>Preservation of Hearing and Performance Outcomes in Hybrid Hearing Recipients</b> Ursula Findlen, PhD (U Mass Memorial)
<b>Acoustic and Electric Same Ear Hearing in Patients with a Standard Electrode</b> Array Sue Karsten, AuD (University of Iowa)
<b>Safety and Efficacy of the CI422 Cochlear Implant: Clinical Trial Results</b> Craig Buchman, MD (Washington School of Medicine)
<b>Twenty Years of Hybrid Implantation: A Meta-Analysis</b> Brian Kaplan, MD (Greater Baltimore Medical Center)
<b>Title Pending</b> Wolf-Dieter Baumgartner, MD (Medical University of Vienna, Austria)
<b>PANEL</b>
<b>Concurrent Session: Medical and Surgical Issues</b> <i>Moderator: Anil Lalwani, MD (New York – Presbyterian/Columbian University)</i>
<b>A Surgical Tool for Creating Precise RWM Perforations for Cochlear Implantation</b> Anil Lalwani, MD (New York – Presbyterian/Columbian University)
<b>Enduring Long-term Speech Comprehension Benefits of Apical Stimulation in Cochlear Implantation</b> Kevin Brown, MD (University of North Carolina)
<b>Electrode Insertion Trauma and Otoprotective Strategies</b> Adrian Eshraghi, MD (University of Miami)
<b>Cochlear Implant in Labyrinthitis Ossificans</b> Arthur Castilho, MD (Head & Neck Surgery Dept, UNICAMP, Brazil)
<b>1.5T Magnetic Resonance Imaging (MRI) After Cochlear Implant Binding: Image Quality, Safety, and Patient Tolerability</b> Cr. Jeffrey Sharon, MD (Johns Hopkins)
<b>EKG Screening in Children with Congenital SNHL: Incidence and Follow-up of Abnormalities</b> Zainab Farzal, BS (UNC)
<b>Brain Synergistic Effects of Cochlear Implant and Contralateral Hearing Aid: A Positron Emission Tomography Study</b> Arnaud Coez, PhD (INSERM U1000, France)
<b>Optogenetics Affords Spatiotemporal Resolution Sufficient for a Novel Auditory Implant Based on Light</b> Elliot Kozin, MD (Harvard)
<b>PANEL</b>

## FRIDAY, OCTOBER 16, CONTINUED

3:30 - 5:00 pm Concurrent Sessions, Continued

<b>Concurrent Session: Outcomes Across the Age Spectrum</b>
<b>Post-Operative Cochlear Microphonic Potentials Recorded via Intracochlear Electrocochleography in Cochlear Implant Patients</b> Leah Smith, MA (Sunnybrooke Health Sciences Centre, Canada)
<b>The Impact of Cochlear Implants, Age, and Hearing History on Recognition of Emotions in Music</b> Kate Gfeller, PhD (University of Iowa)
<b>Optimizing the Measurement of the Electrically-Evoked Stapedial Reflex Threshold (eSRT)</b> Jace Wolfe, PhD (Hearts for Hearing)
<b>Use of a Non-Preferred Ear: Can Outcomes Improve for Sequential Bilateral Cochlear Implant Users?</b> Kristin Dilaj, AuD (New England Center for Hearing Rehabilitation)
<b>Update on Image-Guided Cochlear Implant Programming</b> Rob Labadie, MD (Vanderbilt University)
<b>Predicting Cochlear Implant Performance</b> Oliver Adunka, MD (The Ohio State University)
<b>The Effect of Auditory Feedback on Word Memory: Cochlear Implanted vs Normal Hearing Adults</b> Riki Taitelbaum-Swead, PhD (Ariel University, Israel)
<b>Exploring Implant Impact Across the Military Service Spectrum</b> Col. Mark D. Packer, MD, Department of Defense Hearing Center of Excellence
<b>PANEL</b>

**SATURDAY, OCTOBER 17**

**7:30 - 8:30 am Breakfast Symposia****Advanced Bionics Corporate Symposium****Surpassing the Bar with Advanced Bionics**

Dawn Burton Koch, PhD (Advanced Bionics)

**8:40 - 9:55 am Roundtable Session****Hearing Restoration and Neuroscience: How Hearing Affects Thought and How the Brain Perceives Sound****Roundtable Moderator:** Vinton Cerf, PhD (Vice President and Chief Internet Evangelist, Google)**David B. Pisoni** PhD, Distinguished Professor of Psychological and Brain Sciences and Chancellor's Professor of Cognitive Science at Indiana University**Blake Wilson** D.Sc, D.Eng, Co-Director of the Duke Hearing Center and an Adjunct Professor in each of three departments at Duke University**Fan-Gang Zeng** PhD, Director of the Center for Hearing Research and Professor of Anatomy and Neurobiology, Biomedical Engineering, Cognitive Sciences and Otolaryngology – Head and Neck Surgery at the University of California Irvine**10:05 - 11:35 am Concurrent Sessions****Concurrent Session: Families and Young Children****Outcomes of a Parent Led Intervention for Young Children with Hearing Loss**

Elizabeth Adams Costa, PhD (River School)

**The Sound Access Parent Outcome Instrument for Children with Complex Needs**

Kathrun Ritter, PhD (Glenrose Rehabilitation Hospital, Canada)

**The Baby Talk Program: Factors Influencing Auditory Development after Teletherapy in Children with Hearing Loss Aged 0-3 Years**

Misha Amoils, MD (Stanford)

**Vowel Discrimination with Reduced Spectral Cues as a Function of Infant Age**

Andrea Warner-Czyz, PhD (University of TX Dallas)

**Sensitivity of Deaf Infants to Spectral and Temporal Acoustic Changes During the First Year of Cochlear Implant Activation**

David Horn, MD (Seattle Children's)

**SATURDAY, OCTOBER 17****10:05 - 11:35 am Concurrent Sessions, Continued**

<b>Concurrent Session: Families and Young Children</b>
<b>Lingmetry and Ling Identification Threshold: Predictors of Speech Perception</b> Elisa Giraudo (Insituto Oral Modelo, Argentina)
<b>PANEL</b>
<b>Concurrent Session: Outcomes in Adults</b>
<b>Evaluation of a Revised Indication for Determining Adult Cochlear Implant Candidacy</b> Doug Sladen, PhD (Mayo Clinic)
<b>The Relationship Between Electric Charge Requirements and Speech Recognition of Adult Cochlear Implant Recipients</b> Terry Zwolan, PhD (University of Michigan)
<b>Lowering Stimulation Rate in Older Adults with MED-EL Cochlear Implants: A Randomized, Prospective Clinical Study</b> Christina Runge, PhD (Med College of Wisconsin)
<b>Evaluation of Advanced Signal Processing for Bimodal Recipients</b> Jace Wolfe, MD (Hearts for Hearing)
<b>Long Term Cognitive Skill and Auditory Function In Elderly Cochlear Implant Recipients</b> Jacques Herzog, MD (Center for Hearing & Balance Disorders)
<b>Assessing Audiovisual Speech Perception in Adults with Hearing Loss: Effects of Signal-to-Noise Ratio</b> Karen Kirk, PhD (University of Illinois)
<b>Variability in Word Recognition by Adults with Cochlear Implants: The Role of Language Knowledge</b> Aaron Moberly, MD (Ohio State University)
<b>PANEL</b>