

**AMERICAN OTOLOGICAL SOCIETY**  
**153<sup>rd</sup> Annual Meeting**  
**PRELIMINARY PROGRAM**  
*April 24-25, 2020*  
*Hilton Atlanta*  
*Atlanta, GA*

**FRIDAY, APRIL 24, 2020**

**1:00 BUSINESS MEETING** (*New member introduction/Treasurer Report*)  
(*Members Only*)

**1:20 SCIENTIFIC PROGRAM**  
(*Open to registered Members and Non-members – Badge required for admittance*)

**1:20 WELCOME & OPENING REMARKS BY THE PRESIDENT**  
*John P. Carey, MD*

**PRESIDENTIAL CITATIONS**

*Lloyd B. Minor, MD*

*David S. Zee, MD*

*Charles Della Santina, MD, PhD*

**1:35 GUEST OF HONOR LECTURE**  
**“The NIDCD: Past, Present, and a Look to the Future”**  
*Debara L. Tucci, MD, MS, MBA*  
*Director, National Institute on Deafness and Other Communication Disorders (NIDCD)*  
*Bethesda, MD*

**2:00 Age-Related Patterns of Vestibular Dysfunction in Dizziness and Imbalance: A Review of Vestibular Testing Results Among 1168 Patients**  
*Tiffany P. Hwa, MD*  
*Zachary M. Nimmo, BS - Presenter*  
*James G. Naples, MD*  
*Jason A. Brant, MD*  
*Steven J. Eliades, MD, PhD*  
*Douglas C. Bigelow, MD*  
*Michael J. Ruckenstein, MD*

**RESIDENT RESEARCH TRAVEL AWARD**

**2:07 Relationship between Vestibular Function and Response to Treatment in Vestibular Migraine**  
*Yuan F. Liu, MD*  
*James R. Dornhoffer, MD*  
*Lane Donaldson, MD*  
*Habib G. Rizk, MD*

**2:14 Long Term Outcomes from Gamma Knife Treatment for Vestibulocochlear Nerve Schwannomas in A Large, Tertiary Care, Academic Hospital**  
*Matthew Maksimoski, MD*  
*Sneha Goswami, MD*  
*Laurin M. Sharp, AuD*  
*Alan G. Micco, MD*

**2:21 Clinical Predictors of Delayed Facial Palsy after Resection of Vestibular Schwannoma**

*Kareem O. Tawfik, MD*

*Michael Coulter, MD*

*Thomas Alexander, MD, MHSc*

*Joe Saliba, MD, MSc*

*Bill Mastrodimos, MD*

*Roberto A. Cueva, MD*

**2:28 DISCUSSION**

**2:35 SAUMIL N. MERCHANT MEMORIAL LECTURE**

**“Middle Ear Surgery Based on Biomechanics”**

*Alexander Huber, MD*

*Professor and Chair University Hospital Zurich*

*Department of Otorhinolaryngology, Head and Neck Surgery/*

*Switzerland*

**3:05 BREAK WITH EXHIBITORS**

**3:35 Effects of Varying Laser Parameters During Laser Stapedotomy on Intracochlear Pressures**

*Elizabeth F. Boscoe, MD*

*Renee M. Banakis Hartl, AuD, MD*

*Samuel P. Gubbels, MD*

*Nathaniel T. Greene, PhD*

**3:42 The Transcanal versus the Post-Auricular Approach - Is There a Difference in the Patient's Pain?**

*Geoffrey C. Casazza, MD*

*Hilary C. McCrary, MD*

*Alexander S. Ramirez, MD*

*Paul R. Krakovitz, MD*

*Richard K. Gurgel, MD*

*Clough Shelton, MD*

*Jeremy D. Meier, MD*

**3:49 The Value of Diffusion-weighted Imaging for Postoperative Surveillance of Cholesteatoma following Tympanomastoidectomy**

*Zachary G. Schwam, MD*

*Daniel D. Bu, BA*

*Vivian Z. Kaul, MD*

*George B. Wanna, MD*

*Maura K. Cosetti, MD*

**3:56 Utility of the 'Invert Function' in Delineating Fine Structures in Temporal Bone CT**

*Tyler R. Schwartz, MD*

*Gino Mongelluzzo, MD*

*Arun K. Gadre, MD*

**4:03 DISCUSSION**

**4:10 PANEL**

**“THIS OLD EAR - A Roundtable on Chronic Ear Disease”**

*Simon I. Angeli, MD - Moderator*

*Manuela Fina, MD*

*Richard K. Gurgel, MD*

*Jacques A. Herzog, MD*

*Sarah Mowry, MD*

*Eric E. Smouha, MD*

**5:05 ANNOUNCEMENT OF AOS/ANS POSTER AWARDS**

*Marlan R. Hansen, MD - AOS Education Director*

*Howard W. Francis, MD, MBA - ANS Education Director*

**5:10 CLOSING REMARKS/ADJOURNMENT**

**SATURDAY, APRIL 25, 2020**

**7:00 BUSINESS MEETING** (*Committee Reports*)

*(Members Only)*

**7:30 SCIENTIFIC PROGRAM**

*(Open to registered Members and Non-members – Badge required for admittance)*

**7:30 WELCOME & OPENING REMARKS BY THE PRESIDENT**

*John P. Carey, MD*

**7:35 Vitamin D Deficiency is Associated with Hearing Loss in the Elderly**

*Betsy Szeto, MPH*

*Anil K. Lalwani, MD*

**7:42 Central Auditory Processing and the Relationship to Perceived Hearing Difficulty**

*Brandon A. Shepherd, MD*

*Charles E. Bishop, AuD, PhD*

*Christopher Spankovich, AuD, PhD, MPH*

*Dan Su, MPH*

*Karen Valle, MS*

*John M. Schweinfurth, MD*

**7:49 Does "Unserviceable" Mean Unaidable? Assessing Hearing Aid Outcomes in Patients with Word Recognition < 50%**

*Emma D. Tran, BSc*

*Austin Swanson, AuD*

*Matthew B. Fitzgerald, AuD*

*Nikolas H. Blevins, MD*

*Yona Vaisbuch, MD*

**7:56 Marijuana and Tinnitus - Does it Help or Harm? Results from a Nationally Representative Sample**

*Janet S. Choi, MD, MPH*

*Bhavishya Clark, MD*

*Joni K. Doherty, MD, PhD*

*John S. Ogahlai, MD*

*Courtney C.J. Voelker, MD, PhD*

**8:03 Non-Opioid Anesthesia in Otologic Surgery**

*Michael W. Randall, MD*

*Christopher Danner, MD*

*David Samuels, MD*

**8:10 Characterization of Ciprofloxacin Resistant Bacterial Response to High Dose Ciprofloxacin In Vitro Assay**

*Katherine V. Trinh, BS*

*Kathryn L. Ruoff, PhD*

*Christiaan A. Rees, PhD*

*Aravind S. Ponukumati, BS*

*Isabella W. Martin, MD*

*George A. O'Toole Jr., PhD*

*James E. Saunders, MD*

**8:17 DISCUSSION**

**8:25 AOS CLINICIAN SCIENTIST AWARD PRESENTATION**

**“Variability in Speech Recognition for Adults with Cochlear Implants”**

*Aaron C. Moberly, MD*

*The Ohio State University*

**8:40 Evaluating the Impact of Cochlear Implantation on Cognition in Older Adults**

*Alvin deTorres, MD*

*Kaitlyn N. Urano, AuD*

*Kevin Duff, PhD*

*Norman L. Foster, MD*

*Richard K. Gurgel, MD*

**8:47 Cochlear Implant Benefit for Individual Patients: Dependence on Pre-implant Aided Speech Recognition**

*Priyanka Reddy, BS*

*James R. Dornhoffer, MD*

*Ted A. Meyer, MD, PhD*

*Judy R. Dubno, PhD*

*Theodore R. McRackan, MD, MSCR*

**8:54 Can a Self-Report Measure Be Used to Assess Cognitive Skills in Adult Cochlear Implant Candidates?**

*Rohan Khandalavala, MD*

*Kara Vasil, AuD*

*Irina Castellanos, PhD*

*Aaron C. Moberly, MD*

**9:01 Cochlear Implantation Hearing Preservation Surgery: A Meta-Analysis**

*Justin T. Lui, MD*

*Jennifer M. Siu, MD*

*Yifei Ma, PhD*

*Michael B. Gluth, MD*

*Marcus D. Atlas, MBBS*

*Nikolas H. Blevins, MD*

*Peter L. Santa Maria, MBBS, PhD*

**9:08 Speech Recognition Outcomes in Adult Cochlear Implant Recipients using Slim Straight (CI522) or Slim Periomodiolar (CI532) Arrays**

*Margaret E. MacPhail, MS*

*Nathan T. Connell, MD*

*David B. Pisoni, PhD*

*Charles W. Yates, MD*

*Rick F. Nelson, MD, PhD*

**9:15 The Audiometric Profile of Today's Cochlear Implant Recipient Highlights Limitations of Traditional Candidacy Paradigms that Prioritize Binaural Performance**

*Linda X. Yin, MD*

*Jason H. Barnes, MD*

*John P. Marinelli, MD*

*Sara L. Hollander*

*Matthew L. Carlson, MD*

**9:22 DISCUSSION**

**9:30 BREAK WITH EXHIBITORS**

**10:00 Cochlear Implantation in Children 12 Months of Age and Younger: Evidence for Expansion of Pediatric Cochlear Implant Candidacy Criteria**

*Matthew M. May, MD*

*Cynthia M. Chweya*

*Melissa DeJong, AuD*

*Colin L.W. Driscoll, MD*

*Brian A. Neff, MD*

*Matthew L. Carlson, MD*

**10:07 Comparative Analysis of Robotics-Assisted and Manual Insertions of Cochlear Implant Electrode Arrays**

*Christopher R. Kaufmann, MD, MS*

*Allan M. Henslee, PhD*

*Marlan R. Hansen, MD*

**10:14 Histopathological Findings Associated with Cochlear Implant Electrode Translocation**

*Renata M. Knoll, MD*

*Nicholas Koen, BS*

*Rory J. Lubner, BS*

*Danielle R. Trakimas, MD, MSE*

*David H. Jung, MD, PhD*

*Aaron K. Remenschneider, MD, MPH*

*Elliott D. Kozin, MD*

**RESIDENT RESEARCH TRAVEL AWARD**

**10:21 Predictors of Fibrotic and Bone Tissue Formation with 3-D Reconstructions of Post-Implantation Human Temporal Bones**

*Arman Danielian, MD*

*Gail Ishiyama, MD*

*Ivan A. Lopez, PhD*

*Akira Ishiyama, MD*

**10:28 Prematurity as a Risk Factor for Otologic Pathology**

*Zaroug Jaleel, BS*  
*Rita Y. Wang, BS*  
*Michelle C. Hsu, MS*  
*Jessica R. Levi, MD*

**10:35 An In Vivo Model as An Approach to Deliver Potential Therapies for Noise-Induced Hair Cell Loss**

*Clara S. Draf, MD*  
*Eduardo Chavez, BS*  
*Kwang Pak, BS*  
*Ely Boussaty, PhD*  
*Arwa Kurabi, PhD*  
*Stefan Dazert, MD*  
*Allen F. Ryan, PhD*

**10:42 DISCUSSION**

**10:49 INVITED PRESENTATION**

**“Otologic Innovation: The Cautionary Tale of John Epley”**  
*Timothy E. Hullar, MD*

**11:00 PANEL**

**“New Developments in Inner Ear Inflammation”**  
*Andrew J. Griffith, MD, PhD - Moderator*  
*Keiko Hirose, MD*  
*Michael Hoa, MD*  
*H. Jeffrey Kim, MD*  
*Andrea Vambutas, MD*

**11:55 INTRODUCTION OF INCOMING PRESIDENT**

*Patrick J. Antonelli, MD*

**12:00 CLOSING REMARKS/ADJOURNMENT**