

AMERICAN OTOLOGICAL SOCIETY

FRIDAY, APRIL 20, 2018

- 1:00 BUSINESS MEETING** (*New member introduction*)
- 1:30 SCIENTIFIC PROGRAM**
(*Open to registered Members and Non-members – Badge required for admittance*)
- 1:30 Welcome & Opening Remarks by the President**
Roberto A. Cueva, MD
- PRESIDENTIAL CITATIONS**
Michael E. Glasscock, III, MD
Jeffrey P. Harris, MD, PhD
Paul E. Bernstein, MD
Bill Mastrodimos, MD
- 1:40 GUEST OF HONOR LECTURE**
A Framework for Personalized Diagnosis and Therapy of Sensorineural Hearing Loss
Konstantina M. Stankovic, MD, PhD
- 2:10 RESIDENT RESEARCH TRAVEL AWARD**
Vestibular Function and Hippocampal Volume in the Baltimore Longitudinal Study of Aging (BLSA)
Rebecca J. Kamil, MD
- 2:18 Cognitive Predictors of Cochlear Implant Outcomes in Adults**
Aaron C. Moberly, MD
- 2:26 Nonverbal Reasoning as a Contributor to Speech Recognition Outcomes in Adults with Cochlear Implants**
Jameson K. Mattingly, MD
- 2:34 Hearing Loss Predicts Brain Activity in Patients with Alzheimer's Disease Dementia**
Richard K. Gurgel, MD
- 2:42 DISCUSSION**
- 2:45 BREAK WITH EXHIBITORS**
- 3:15 Long-term Outcomes of Ossiculoplasty with and without an Intact Malleus**
Joshua C. Page, MD
- 3:23 Variation in Tympanoplasty Cost in a Multihospital Network**
Geoffrey C. Casazza, MD
- 3:31 BAHA Skin Complications in the Pediatric Population: Systematic Review with Meta-Analysis**
Scott Shapiro, MD
- 3:39 Cell Proliferation Patterns in the Healing Mouse Tympanic Membrane**
Divya A. Chari, MD
- 3:47 Treatment of Ciprofloxacin-Resistant Ear Infections**
Kathryn Y. Noonan, MD
- 3:55 AOS CLINICIAN SCIENTIST AWARD PRESENTATION**
Multi-Sensory Modulation of Tinnitus Correlates in Primary Auditory Cortex
Gregory J. Basura, MD, PhD

- 4:10 DISCUSSION**
- 4:15 PANEL—Management of Vestibular Schwannoma in the Only Hearing Ear**
Roberto A. Cueva, MD, Moderator
Erika A. Woodson, MD
Rick A. Friedman, MD, PhD
Derald E. Brackmann, MD
John P. Leonetti, MD

- 5:00 ADJOURNMENT**
Announcement of AOS/ANS Poster Awards

SATURDAY, APRIL 21, 2018

- 7:00 BUSINESS MEETING** (*Committee Reports*)
- 7:30 SCIENTIFIC PROGRAM**
(*Open to registered Members and Non-members – Badge required for admittance*)
- 7:30 Welcome & Opening Remarks by the President**
Roberto A. Cueva, MD
- 7:35 Acute Otitis Media and Associated Complications in United States Emergency Departments**
Yin Ren, MD, PhD
- 7:43 Assessing Cochlear Implant Performance in Older Adults Using a Single, Universal Outcome Measure Created Via Imputation in a National Web-Based Database**
Rahul K. Sharma, BS
- 7:51 Adolescent Obesity is an Independent Risk Factor for Sensorineural Hearing Loss: Results from the National Health and Nutrition Examination Survey (NHANES) 2005-2010**
Gavriel D. Kohlberg, MD
- 7:59 Feasibility of a Direct-to-Patient Electronic Survey for the Diagnosis of BPPV**
David R. Friedland, MD, PhD
- 8:07 Risk of Sensorineural Hearing Loss with Short-term Azithromycin Therapy: A Retrospective Cohort Study**
Adel Alrwisan, PhD
- 8:15 RESIDENT RESEARCH TRAVEL AWARD**
Idiopathic Sudden Sensorineural Hearing Loss is Not a Sentinel Event for Acute Myocardial Infarction
Matthew G. Crowson, MD
- 8:23 DISCUSSION/INTRODUCTION**
- 8:30 SAUMIL N. MERCHANT MEMORIAL LECTURE**
Music for Deaf Ears: Cochlear Implants, Music and the Brain
Charles J. Limb, MD
- 9:00 Rational Cochlear Implant Electrode Design Based upon Temporal Bone Histopathology**
Akira Ishiyama, MD
- 9:08 Safety and Outcomes of Children Implanted under 36 Months**
Stephen R. Hoff, MD
- 9:16 Beyond Sentence Recognition in Quiet for Older Adults: Implications for Cochlear Implant Candidacy**
Emily Zhang, BA

- 9:24 Further Evidence of the Relationship Between Cochlear Implant Electrode Positioning and Hearing Outcomes**
Jack H. Noble, PhD
- 9:32 Earphone and Aided Word Recognition Differences in Cochlear Implant Evaluations**
Theodore R. McRackan, MD, MSCR
- 9:40 DISCUSSION**
- 9:45 BREAK WITH EXHIBITORS**
- 10:15 Inappropriate Use of Systemic Antibiotics for Acute Otitis Externa: Impact of the 2006 Clinical Practice Guideline**
Xi Wang, MPH
- 10:23 A Case-Control Study of Hearing Outcomes between Middle Fossa Craniotomy and Transmastoid Approach for Surgical Repair of Superior Semicircular Canal Dehiscence Syndrome**
Lisa Zhang, BS
- 10:31 Next-Generation Sequencing of Sporadic Vestibular Schwannoma: Necessity of the Two-Hit Mechanism and Implications of Accessory Non-NF2 Alterations**
Matthew L. Carlson, MD
- 10:39 Immunolocalization of the Amiloride-Sensitive Epithelium Sodium Channel Beta Subunit (ENaCβ) in Human Vestibular End Organs in Normative and Meniere's Disease**
Michele M. Gandolfi, MD
- 10:47 Perceptions from Adult Individuals with Hearing Loss when Communicating in the Healthcare Setting**
Madelyn N. Stevens, BA
- 10:55 Flat Panel Computed Tomography in the Diagnosis of Superior Canal Dehiscence Syndrome**
Alexandra E. Tunkel
- 11:03 DISCUSSION**
- 11:08 PANEL—Current Management of Single Sided Deafness: Options and Controversies**
Anil K. Lalwani, MD, Moderator
Kevin D. Brown, MD, PhD
Joni K. Doherty, MD, PhD
Samuel P. Gubbels, MD
Marlan R. Hansen, MD
Craig A. Buchman, MD
- 12:00 ADJOURNMENT**

AOS PRESIDENT'S RECEPTION & BANQUET
(*Members and Invited Guests only*)

Saturday, April 21, 2018
Reception - 6:30 - 7:15 p.m.
Dinner/Dance - 7:15 - 10:30 p.m.
Woodrow Wilson Ballroom A

Formal attire/Black tie optional
(Advanced Reservations Required)

AOS 2018 Selected Posters

- G001 Simultaneous Labyrinthectomy and Cochlear Implantation in Unilateral Meniere's Disease**
Elizabeth L. Perkins, MD
- G002 Trends in Intraoperative Testing During Cochlear Implantation**
Joshua C. Page, MD
- G003 Treatment Outcomes of Rituximab for Intractable Otitis Media with ANCA-Associated Vasculitis Running head: Rituximab for OMAAV**
Masahiro Okada, MD, PhD
- G004 An Evaluation of Intraoperative Testing During Cochlear Implantation from a Time and Cost Perspective**
Joshua C. Page, MD
- G005 Smoking Cessation and Risk of Hearing Loss**
Brian M. Lin MD, ScM
- G006 The Cleating Stitch: An Adjunctive Technique for Percutaneous and Revision Osseointegration Screws**
Matthew M. Fort, MD
- G007 Soft Canal Wall Reconstruction in Modified Radical Tympanomastoidectomy for Aggressive Cholesteatoma**
Karl Doerfer, MD
- G008 Novel Computer-Based Therapy Enhances Speech Perception in Cochlear Implant Users**
Akshay R. Narayan, BSc
- G009 Primary Middle Ear Mucosal Melanoma: Case Report and Review of 21 Cases of Primary Middle Ear and Eustachian Tube Melanoma in the Literature**
Anne K. Maxwell, MD
- G010 Tablet-based Hearing Screening in Children Ages 5 to 17 in Rural Dominican Republic**
Dylan A. Levy, BS
- G011 Clinical Doppler Optical Coherence Tomographic Imaging of Otosclerosis**
Robert B. A. Adamson, PhD
- G012 Cochlear Implants Receiver-Stimulator Migration using the Subperiosteal Pocket Technique: Objective Measurements of Early and Late Positioning**
Anne K. Maxwell, MD
- G013 Modular High-Fidelity Otologic Surgical Simulator for The Training of Multiple Temporal Bone Procedures**
Brandon Kamrava, BS
- G014 Electro-Natural Stimulation (ENS) in Partial Deafness Treatment: Paediatric Case Series**
Henryk Skarzynski, MD, PhD
- G015 Spontaneous Resolution of Cholesteatoma in a Patient on Long-Term Infliximab**
Janet R. Chao, BA
- G016 Use of Transcutaneous Vagal Nerve Stimulator Associated with Reversible Sensorineural Hearing Loss**
Samuel A. Early, MS
- G017 Is Audiometry of Diagnostic or Prognostic Use in Bell's Palsy Patients?**
Yuan Jing
- G018 A Volumetric Analysis of Glomus Jugulare Tumors Treated with Stereotactic Radiosurgery**
Annie Farrell, BS
- G019 Primary Endoscopic Stapes Surgery: Audiologic and Surgical Outcomes**
Ashley M. Nassiri, MD, MBA
- G020 Construct Validation of a Printed Bone Substitute in Otology**
Jordan Hochman, MD
WITHDRAWN BY AUTHOR
- G021 Evaluation of a Novel Tympanic Membrane Model**
Jordan Hochman, MD
WITHDRAWN BY AUTHOR
- G022 Initial Hearing Preservation Outcomes of Cochlear Implantation with a Slim Perimodiolar Electrode Array**
Rebecca C. Nelson, MD
- G023 Recidivism after Endoscopic Treatment of Cholesteatoma**
Daniel E. Killeen, MD
- G024 Transcanal Endoscopic Tympanoplasty - Our Results**
Gauri Mankekar, MD, PhD
- G025 A Critical Analysis of the Information Available Online for Meniere's Disease**
Dennis I. Bojrab, II, MD
- G026 Neuroendocrine Tumors of the Middle Ear: A Multi-Institutional Study of 33 Cases**
John P. Marinelli, BS
- G027 Prevalence of Cranial Nerve Imaging Abnormalities in Patients with Hereditary Peripheral Neuropathies**
Ryan A. Bartholomew, BS
- G028 Incus Position of Stapes Prosthesis Affects Sounds Transmission in Human Cadaveric Temporal Bones**
Iman Ghanad, BS
- G029 Cochlear Implantation in Pediatric Single Sided Deafness**
Justin D. Miller, MD
- G030 Awake Trans-Tympanic Membrane Otoendoscopy for Diagnosis of Stapedial Myoclonus**
Elliott Kozin, MD
- G031 Long-term Otologic Outcomes Following Blast Injury: The Boston Marathon Bombings**
Aaron Remenschneider, MD, MPH
- G032 Partial Auricular Reconstruction after Dog Bites in Children: Building Bridges and Not Burning Them**
Erin K. Haser, MD
- G033 Radiographic Opacification of the Protympanum and Eustachian Tube Predicts Inferior Hearing Outcomes After Ossiculoplasty**
Joseph T. Breen, MD
- G034 Window Shade Tympanoplasty Technique for Anterior Membrane Perforations: An Update**
Elizabeth A. Mannino
- G035 The Potential for Preserved Cochleovestibular Function in the Setting of Prolonged Pneumolabyrinth**
Joseph T. Breen, MD
- G036 Pediatric Single-Sided Deafness Cochlear Implant Candidacy: A Study of Prevalence and Imaging Characteristics**
Sullivan Smith, BS
- G037 Diagnostic Value of Delayed High-Resolution Contrast-Enhanced MRI in the Diagnosis of Perilymphatic Fistula**
Janice Erica Chang, MD, PhD
- G038 Impact of Residual Hearing in the Non-Implanted Ear on Speech and Quality of Life Outcomes After Cochlear Implantation for Single-Sided Deafness**
Tiffany Peng, MD
- G039 Minimally Invasive, Image-Guided Approach to Congenital Aural Atresia Repair, A Demonstration of Concept**
Kyle S. Kimura, MD



American Otological Society

**151st Annual
Scientific Program**

Friday and Saturday

April 20 & 21, 2018

**Conference Center
Level Two
Maryland C**

**Gaylord National Harbor Resort
National Harbor, MD**