FRIDAY, APRIL 20, 2018

1:00 BUSINESS MEETING (New member introduction) (Members Only)

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
Massachusetts Eye and Ear Infirmary/Harvard Medical School

RESIDENT RESEARCH TRAVEL AWARD
2:10 Vestibular Function and Hippocampal Volume in the Baltimore Longitudinal Study of Aging (BLSA)
Rebecca J. Kamil, MD
Athira Jacob, MS
Tilak Ratnanather, PhD
Yuri Agrawal MD, MPH

2:18 Cognitive Predictors of Cochlear Implant Outcomes in Adults
Aaron C. Moberly, MD
Kara J. Vasil, AuD
Michael S. Harris, MD
Irina Castellanos, PhD
David B. Pisoni, PhD

2:26 Nonverbal Reasoning as a Contributor to Speech Recognition Outcomes in Adults with Cochlear Implants
Jameson K. Mattingly, MD
Irina Castellanos, PhD
David B. Pisoni, PhD
Aaron C. Moberly, MD

2:34 Hearing Loss Predicts Brain Activity in Patients with Alzheimer's Disease Dementia
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
Matthew D. Cox, MD
Tristan Allsopp, MD
John L. Dornhoffer, MD

3:23 Variation in Tympanoplasty Cost in a Multihospital Network
Geoffrey C. Casazza, MD
Andrew J. Thomas, MD
Richard K. Gurgel, MD
Clough Shelton, MD
Jeremy D. Meier, MD

3:31 BAHA Skin Complications in the Pediatric Population: Systematic Review with Meta-Analysis
Scott Shapiro, MD
Jad Ramadan, MS
Adam Cassis, MD

3:39 Cell Proliferation Patterns in the Healing Mouse Tympanic Membrane
Divya A. Chari, MD
Stacey M. Frumm, BS
Aaron D. Tward, MD, PhD

3:47 Treatment of Ciprofloxacin-Resistant Ear Infections
Kathryn Y. Noonan, MD
Soo Yeon Kim
Lye-Yeng Wong
Joseph D. Schwartzman, MD
James E. Saunders, MD

3:55 AOS CLINICIANS SCIENTIST AWARD PRESENTATION
Multi-Sensory Modulation of Tinnitus Correlates in Primary Auditory Cortex
Gregory J. Basura, MD, PhD
University of Michigan

4:10 DISCUSSION

4:15 PANEL
Management of Vestibular Schwannoma in the Only Hearing Ear
Roberto A. Cueva, MD, Moderator
5:00  Announcement of AOS/ANS Poster Awards
      Carol A. Bauer, MD - AOS Education Directors
      Craig A. Buchman, MD - ANS Education Directors

5:05  ADJOURNMENT

SATURDAY, APRIL 21, 2018

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
      Roberto A. Cueva, MD

7:35  Acute Otitis Media and Associated Complications in United States Emergency Departments
      Yin Ren, MD, PhD
      Rosh K.V. Sethi, MD, MPH
      Konstantina M. Stankovic, 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
      Stephanie Y. Chen, MD
      Jedidiah J. Grisel, MD
      Justin S. Golub, MD, MS

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
      Ryan T. Demmer, PhD
      Anil K. Lalwani, MD

7:59  Feasibility of a Direct-to-Patient Electronic Survey for the Diagnosis of BPPV
      David R. Friedland, MD, PhD
      Heidi A. Richburg, MS
      Richard J. Povinelli, PhD

8:07  Risk of Sensorineural Hearing Loss with Short-term Azithromycin Therapy: A Retrospective Cohort Study
      Adel Alrwisan, PhD
      Patrick J. Antonelli, MD
      Babette A. Brumback, PhD
      Yu-Jung Wei, PhD
      Almut G. Winterstein, PhD
RESIDENT RESEARCH TRAVEL AWARD
8:15  Idiopathic Sudden Sensorineural Hearing Loss is Not a Sentinel Event for Acute Myocardial Infarction
Matthew G. Crowson, MD
Alan W. Langman, MD
Walter T. Lee, MD, MHS
Kourosh Parham, MD, PhD
Kristine Schulz, MPH, DrPH
Jennifer J. Shin, MD
Andrea Vambutas, 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
University of California San Francisco School of Medicine

9:00  Rational Cochlear Implant Electrode Design Based upon Temporal Bone Histopathology
Akira Ishiyama, MD
Ivan Lopez, PhD
Gail Ishiyama, MD
Fred Linthicum, MD

9:08  Safety and Outcomes of Children Implanted under 36 Months
Stephen R. Hoff, MD
Denise Thomas, AuD, CCC-A
Elizabeth Tournis, AuD
Hannah Kenny
Maura Ryan, MD
Nancy M. Young, MD

9:16  Beyond Sentence Recognition in Quiet for Older Adults: Implications for Cochlear Implant Candidacy
Emily Zhang, BA
Daniel H. Coelho, MD

9:24  Further Evidence of the Relationship Between Cochlear Implant Electrode Positioning and Hearing Outcomes
Jack H. Noble, PhD
Rene H. Gifford, PhD
Benoit M. Dawant, PhD
Brendan O'Connell, MD
Jianing Wang, MS
Robert F. Labadie, MD, PhD

9:32  Earphone and Aided Word Recognition Differences in Cochlear Implant Evaluations
Theodore R. McRackan, MD, MSCR
Jane Burton, AuD
Joshua E. Fabie, BS
Meredith E. Holcomb, AuD
Ted A. Meyer, MD, PhD
Paul R. Lambert, MD
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
Almut G. Winterstein, PhD
Yan Li, MS
Yanmin Zhu, BS
Patrick J. Antonelli, MD

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
Francis X. Creighton Jr, MD
Bryan Ward, MD
Stephen Bowditch, AuD, CCC-A
John P. Carey, MD

10:31 Next-Generation Sequencing of Sporadic Vestibular Schwannoma: Necessity of the Two-Hit Mechanism and Implications of Accessory Non-NF2Alterations
Matthew L. Carlson, MD
Michael J. Link, MD
James B. Smadbeck, PhD
Eric W. Klee, PhD
Lisa Schimmenti, MD
George Vasmatzis, PhD

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
Gail Ishiyama, MD
Ivan A. Lopez, PhD
Akira Ishiyama, MD

10:47 Perceptions from Adult Individuals with Hearing Loss when Communicating in the Healthcare Setting
Madelyn N. Stevens, BA
Judy R. Dubno, PhD
Margaret I. Wallhagen, PhD
Debara L. Tucci, MD

10:55 Flat Panel Computed Tomography in the Diagnosis of Superior Canal Dehiscence Syndrome
Alexandra E. Tunkel
John P. Carey, MD
Monica S. Pearl, MD, DABR

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