SATURDAY, APRIL 25, 2020

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

1:25 SCIENTIFIC PROGRAM (Open to registered Members and Non-members – Badge required for admittance)

1:25 WELCOME & OPENING REMARKS BY THE PRESIDENT
Nikolas H. Blevins, MD

PRESIDENTIAL CITATIONS (There is a space missing on proof below-names TBD)

1:40 NOEL L. COHEN AWARD FOR SIGNIFICANT CONTRIBUTIONS TO OTOLOGY AND NEUROTOLOGY
Presented by Anil K. Lalwani, MD

1:50 WILLIAM E. HITSELBERGER MEMORIAL LECTURE
“Vestibular Diagnosis: Modern Technology vs Clinical Judgement”
David S. Zee MD
Professor of Neurology
Joint Appointments in Ophthalmology, Otolaryngology\Head & Neck Surgery, and Neuroscience
The Wilmer Eye Institute
The Johns Hopkins School of Medicine, Baltimore, MD

2:15 INTRODUCTION - VESTIBULAR DIAGNOSIS
Benjamin T. Crane, MD, PhD, Moderator

2:17 High Prevalence of Comorbid Vestibular Migraine in Patients with Superior Semicircular Canal Dehiscence Syndrome
Miriam R. Smetak, MD, MS
Nauman F. Manzoor, MD
Kelsey Hatton, AuD, CCC-A
Alejandro Rivas Campo, MD
Marc L. Bennett, MD, MMHC
David S. Haynes, MD, MBA
Matthew R. O'Malley, MD

2:24 Circulatory Otologic Biomarkers in Meniere's Disease and Vestibular Migraine
James G. Naples, MD
Khalili Rahman, BS
Drew Soda, BS
Michael J. Ruckenstein, MD
Kourosh Parham, MD, PhD

2:31 Analyzing MicroRNA Profiles in the Human Perilymph and Serum in Patients with Meniere’s Disease
Matthew Shew, MD
Helena Wichova, MD
Kevin Sykes, PhD, MPH
Devin Koestler, PhD
Hinrich Staecher, MD, PhD

2:38 DISCUSSION

2:43 BREAK WITH EXHIBITORS

3:15 INTRODUCTION - VESTIBULAR SCHWANNOMA
Yu-Lan Mary Ying, MD, Moderator

3:17 ANS TRAINEE AWARD
Natural History of Growing Sporadic Vestibular Schwannomas: An Argument for Observation Despite Documented Growth in Select Cases
John P. Marinelli, MD
Katherine A. Lees, MD
Colin L.W. Driscoll, MD
Brian A. Neff, MD
Michael J. Link, MD
Jamie J. Van Gompel, MD
Matthew L. Carlson, MD

3:24 Predicting Schwannoma Growth in a Mouse Flank Tumor Model using Targeted Imaging
Daniel R. Morrison, MD
Anna G. Sorace, PhD
Ellis Hamilton, MS
Hailey A. Houson, PhD
Jason M. Warram, PhD
Erika M. Walsh, MD

3:31 A Protective Cap: Fundal Fluid Cap Predicts Inner Ear Radiation Dose and Hearing Outcomes in Radiosurgical Treatment of Vestibular Schwannoma
Dennis I. Bojrab II, MD
Christian G. Fritz BS
Kenny F. Lin, MD
Christopher A. Schutt, MD
Robert S. Hong, MD, PhD
Seilesh C. Babu, MD
Dennis I. Bojrab, MD

3:38 Consensus Statement on Sporadic Vestibular Schwannoma: A Multidisciplinary Delphi Study
Matthew L. Carlson, MD
Michael J. Link MD
Colin L. W. Driscoll, MD
David S. Haynes, MD;
Heather A. Billings, PhD
The Vestibular Schwannoma Delphi Panel

3:45 Psychological Factors Predict Post-Operative Quality of Life and Recovery Outcomes Following Vestibular Schwannoma Surgery
Joe Saliba, MD, MSc*
Junie S. Carriere, PhD*
Jason Lee, MS
Kareem O. Tawfik, MD
Jeffrey P. Harris, MD, PhD
Marc S. Schwartz, MD
Rick A. Friedman, MD, PhD
*Authors contributed equally to this work

3:52 Disease-specific Quality-of-Life in Sporadic Vestibular Schwannoma: A National Prospective Longitudinal Study Comparing Observation, Microsurgery, and Radiosurgery
Matthew L. Carlson, MD
Nicole M. Tombers, RN
Christine M. Lohse, MS
Michael J. Link, MD

3:59 DISCUSSION

4:04 AMERICAN AUDITORY SOCIETY/AMERICAN NEUROTOLOGY SOCIETY PANEL
“New Frontiers in Hearing Research”
Charles Limb, MD, Moderator
Carmen Brewer, PhD
Rene H. Gifford, PhD
Sumit Dhar, PhD

5:00 CLOSING REMARKS/ADJOURNMENT

SUNDAY, APRIL 26, 2020

7:00 BUSINESS MEETING (Committee Reports)
(Members Only)

7:20 SCIENTIFIC PROGRAM
(Open to registered Members and Non-members – Badge required for admittance)

7:20 WELCOME & OPENING REMARKS BY THE PRESIDENT
Nikolas H. Blevins, MD

7:22 INTRODUCTION - TECHNIQUES AND TECHNOLOGY
Justin S. Golub, MD, MS, Moderator
7:24  **Intraoperative Blink Reflex Testing to Evaluate Facial Nerve Integrity During Lateral Skull Base Surgery: A Feasibility Study**  
*Neil S. Patel, MD*  
*Ernest M. Hoffman, DO, PhD*  
*Mathew L. Carlson, MD*

7:31  **Surgical Approach for Human Inner Ear Tissue Extraction in an Organ Donor**  
*Ksenia A. Aaron, MD*  
*Davood K. Hosseini, MD*  
*Tian Wang, MD*  
*Bernhard Hirt, MD, PhD*  
*Hubert Löwenheim, MD*  
*Andreas Wagner, MD*  
*Yona Vaisbuch, MD*

7:38  **A Steerable Trans-Eustachian Endoscope for Middle Ear Examination**  
*Michael H. Freeman, MD*  
*Joshua B. Gafford, PhD*  
*Loris Fichera, PhD*  
*Robert J. Webster III, PhD*  
*Robert F. Labadie, MD, PhD*

7:45  **Fluorescent Detection of Vestibular Schwannoma Using Intravenous Sodium Fluorescein In Vivo**  
*Mikhaylo Szczupak, MD*  
*Stefanie Pena, BS*  
*Cristina Fernandez-Valle, PhD*  
*Xue-Zhong Liu, MD, PhD*  
*Fred F. Telischi, MD*  
*Michael Ivan, MD*  
*Christine T. Dinh, MD*

7:52  **NEUROTOLOGY FELLOW AWARD**  
**Predicting Post-Operative Cochlear Implant Performance Using Supervised Machine Learning**  
*Matthew G. Crowson, MD, MPA*  
*Peter Dixon, MD*  
*Jong Wook Lee, MD*  
*David Shipp, MA CALSPO*  
*Vincent Lin, MD*  
*Joseph Chen, MD*  
*Timothy C.Y. Chan, PhD*

7:59  **DISCUSSION/INTRODUCTION**

8:02  **PANEL**  
“New Technologies in Neurotologic Surgery”  
*Erika A. Woodson, MD, Moderator*  
*Gustavo Pradilla Andrade, MD*  
*Martin J. Citardi, MD*
8:47 INTRODUCTION - COCHLEAR IMPLANTATION
Jennifer C. Alyono, MD, Moderator

8:49 Identification of Factors Associated with Second-Side Cochlear Implant Speech Recognition Outcomes in Adults
James R. Dornhoffer, MD*
Yuan F. Liu, MD*
Elise E. Zhao BS
Ted A. Meyer MD PhD
Theodore R. McRackan, MD, MSCR
*Authors contributed equally to this work

8:56 Cochlear Implantation for Treatment of Tinnitus in Single-sided Deafness: A Systematic Review and Meta-analysis
Dylan A. Levy, BS
Joshua A. Lee, BA
Shaun A. Nguyen, MD
Theodore R. McRackan, MD, MSCR
Ted A. Meyer, MD PhD
Paul R. Lambert, MD

9:03 Role of Pre-Implant Patient Expectations in Adult Cochlear Implant Outcomes
Theodore R. McRackan, MD, MSCR
Mark S. Costello, MD
Priyanka Reddy, BS
Judy R. Dubno, PhD

9:10 DISCUSSION

9:12 WILLIAM F. HOUSE MEMORIAL LECTURE
“Cochlear Implantation for acquired Single-Sided Deafness: 15 years follow-up”
Paul Van de Heyning, MD, PhD
Emeritus Professor & consultant, Department for Otorhinolaryngology/Head and Neck Surgery
Antwerp University Hospital
Faculty of Medicine and Health Sciences
University of Antwerp, Belgium

9:37 INVITED PRESENTATION
“CI for SSD in the US: Aligning Regulatory and Financial Decisions with the Evidence”
Sujana S. Chandrasekhar, MD

9:47 COFFEE BREAK

10:07 INTRODUCTION - VESTIBULAR DISORDERS
Daniel H. Coelho, MD, Moderator
10:09 NICHOLAS TOROK VESTIBULAR AWARD
Deficits in Sensory Organization are a Primary Contributor to Imbalance and Postural Instability in The Aging Population
Tiffany P. Hwa, MD
Zachary M. Nimmo, BS
James G. Naples, MD
Jason A. Brant, MD
Steven J. Eliades, MD, PhD
Douglas C. Bigelow, MD
Michael J. Ruckenstein, MD

10:16 NEUROTOLOGY FELLOWSHIP AWARD
Hearing Outcomes After Surgical Manipulation of the Membranous Labyrinth during Superior Semicircular Canal Dehiscence Repair or Posterior Semicircular Canal Occlusion
Kenny F. Lin, MD
Dennis I. Bojrab II, MD
Christian Fッツ, BS
Anthony Vandieren
Seilesh C. Babu, MD

10:23 Pre-existing Vestibular Symptoms Are Associated with Acute Vestibular Symptoms After Gamma Knife Therapy for Vestibular Schwannoma
Dennis I. Bojrab II, MD
Christian G. Fritz, BS
Kenny F. Lin, MD
Christopher A. Schutt, MD
Robert S. Hong, MD, PhD
Seilesh C. Babu, MD
Dennis I. Bojrab, MD

10:30 Single versus Multiple Cycles of Canalith Repositioning Procedure for Benign Paroxysmal Positional Vertigo: Randomized Controlled Trial
Suwicha Isaradisaikul Kaewsiri, MD
Sanathorn Chowsilpa, MD
Charuk Hanprasertpong, MD
Tayaporn Rithirangsriroj, MD

10:37 DISCUSSION

10:40 INTRODUCTION - SENSORINEURAL HEARING LOSS AND IMAGING
Sarah Mowry, MD, Moderator

10:42 ANS RESEARCH GRANT
“Rescuing Inner Ear Deficits in a Non-Syndromic Hearing Loss Model”
Ksenia A. Aaron, MD
Stanford University
ANS Research Grant recipient 2018
10:52  ANS TRAINEE AWARD
Repurposing an Approved Drug to Prevent Deafness in Usher Syndrome 3A
Armine Kocharyan, MD
Laurie Harrison, BS
Kumar N. Alagramam, Ph.D

10:59  White Matter Hyperintensities in Patients with Sudden Sensorineural Hearing Loss
Mehdi Abouzari, MD, PhD
Arash Abiri, BS
Donald Tan, BS
Beenish Patel, MS
Tuan Ngo, MD
Harrison W. Lin, MD
Hamid R. Djalilian, MD

11:06  Magnetic Resonance Imaging Fluid Signal Intensity in the Diagnosis of Temporal Bone Cerebrospinal Fluid Leaks
Arun Raghavan, BS
Joseph T. Breen, MD

11:13  DISCUSSION

11:17  PANEL
“Challenges and Complications in Pediatric Otology”
Tina C. Huang, MD, Moderator
Howard W. Francis, MD, MBA
Stephanie A. Moody Antonio, MD
Nancy M. Young, MD

12:03  INTRODUCTION OF INCOMING PRESIDENT
Bradley W. Kesser, MD

12:05  CLOSING REMARKS/ADJOURNMENT