FRIDAY, APRIL 28, 2017

1:00 Business Meeting (New member induction)  
(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  
Lawrence R. Lustig, MD

Presidential Citations

1:45 WILLIAM F. HOUSE MEMORIAL LECTURE  
Professor Gerard M. O'Donoghue, FRCS

SECTION I: COCHLEAR IMPLANTS

2:15 INTRODUCTION

2:18 Abnormal Cochleovestibular Nerves and Pediatric Hearing Outcomes: “Absent Cochlear Nerves” Can Derive Benefit from Cochlear Implantation  
Elina Kari, MD  
John L. Go, MD  
Janice Loggins, AuD  
Laurel Fisher, PhD

2:26 An In-vitro Insertion-force Study of Magnetically Guided Lateral-wall, Cochlear-implant Electrodes  
Lisandro Leon, MS  
Frank M. Warren, MD  
Jake J. Abbott, PhD

NEUROTOLOGY FELLOW AWARD

2:34 Real-time Intracochlear Electrocochleography Obtained Directly through a Cochlear Implant  
Michael S. Harris, MD  
William J. Riggs, AuD  
Brendan P. O’Connell, MD  
Kanthaiah Koka, PhD  
George B. Wanna, MD  
Robert F. Labadie, MD, PhD  
Oliver F. Adunka, MD
2:45 BREAK WITH EXHIBITORS

3:15 Assessing Cochlear Implant Outcomes in Older Adults Using HERMES, a National Web-Based Database
Stephanie Y. Chen, BM
Jedidiah J. Grisel, MD
Anne Lam, BS
Justin S. Golub, MD

3:23 Early Outcomes with a Slim, Modular Cochlear Implant Electrode Array
Jonathan L. McJunkin, MD
Jacques A. Herzog, MD
Andrew Drescher, MD
Richard A. Chole, MD, PhD
Craig A. Buchman, MD

3:31 Intracochlear Measurements and Histologic Findings Relevant to Cochlear Implantation in Malformed Cochlea: A Human Temporal Bone Study
Reuven Ishai, MD
Joseph B. Nadoj Jr., MD
Alicia M. Quesnel, MD

3:39 Prospective Evaluation of Patients Undergoing Concurrent Translabyrinthine Excision of Vestibular Schwannoma with Concurrent Cochlear Implantation
Kevin D. Brown, MD, PhD
Margaret Dillon, AuD
Meredith Anderson, AuD

ANS TRAINEE AWARD

3:47 Selective Stimulation of Facial Muscles following Chronic Intraneural Electrode Array Implantation and Facial Nerve Injury in the Feline Model
Yarah M. Haidar, MD
Ronald Sahyouni, BA
Omid Moshtaghi, BS
Hamid R. Djalilian, MD
John C. Middlebrooks, PhD
Harrison W. Lin, MD

3:55 INTRODUCTION - ANS RESEARCH GRANT

3:57 Cochlear Irradiation: Apoptosis, Necrosis, and Hearing Loss
Christine Dinh, MD
University of Miami Miller School of Medicine
ANS research grant recipient - 2015-16

4:05 DISCUSSION

4:10 PANEL
Telemedicine in Neurotology
5:00 ADJOURNMENT

SATURDAY, APRIL 29, 2017

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  
Lawrence R. Lustig, MD

SECTION II - TRANSLATIONAL SCIENCE AND GENERAL NEUROTOLOGY

7:32 INTRODUCTION

7:35 MitoQ as Novel Agent for Protecting against Amikacin Ototoxicity  
Carolyn O. Dirain, PhD  
Maria Raye Ann V. Ng, BS  
Bailey Milne-Davies, BS  
Jerin K. Joseph, BS  
Patrick J. Antonelli, MD

7:43 The Small Molecule Oral Drug Candidate SENS-341 Effectively Reduces Cisplatin-induced Hearing Loss in Rats  
Mathieu Petremann, MS  
Christophe Tran Van Ba, MS  
Désiré Challuau  
Stéphanie Bressieux, BS  
Jonas Dyhrfjeld-Johnsen, PhD

7:51 Age-related Increase in Serum Levels of Otolin-1 in Humans  
Ryan D. Tabtabai, BS  
Laura Haynes, PhD  
George A. Kuchel, MD, PhD  
Kourosh Parham, MD, PhD

7:59 Connexin 26 Immunofluorescence in Temporal Bones with Cochlear Otosclerosis  
Mia E. Miller, MD  
Ivan A. Lopez, PhD  
Akira Ishiyama, MD  
Fred H. Linthicum, MD

8:07 Patulous Eustachian Tube Dysfunction: Patient Demographics and Comorbidities  
Bryan K. Ward, MD  
Yehia Ashry, MD  
Dennis S. Poe, MD
8:15 DISCUSSION

8:19 INTRODUCTION - HERBERT SILVERSTEIN AWARD

8:22 Gap Junctions in the Cochlear Response to Sound and Noise in Vitro
Dylan Chan, MD, PhD
University of California, San Francisco
ANS/AAO-HNSF/Silverstein Otology & Neurotology Research Award recipient 2014-2016

SECTION III - VESTIBULAR DISORDERS

8:30 INTRODUCTION

8:33 Radiographic Signs of Intracranial Hypertension in Patients with Meniere’s Disease May Predict Poor Audiovestibular Outcomes
Shawn M. Stevens, MD
Nithin Peddireddy, BS
Kareem O. Tawfik, MD
David Mihal, MD
Rebecca S. Cornelius, MD
Ravi N. Samy, MD
Myles L. Pensak, MD

8:41 Large Vestibular Aqueduct: Radiological Review of High-Resolution CT versus High-Resolution Volumetric MRI
Nicholas L. Deep, MD
Matthew L. Carlson, MD
Steven M. Weindling, MD
David M. Barrs, MD
Colin L.W. Driscoll, MD
John I. Lane, MD
Joseph M. Hoxworth, MD

NICHOLAS TOROK VESTIBULAR AWARD

8:49 Investigating Vestibular Blast Injury: Semicircular Canal Pressure Changes during High-Intensity Acoustic Stimulation
Anne K. Maxwell, MD
Renee M. Banakis Hartl, MD, AuD
Nathaniel T. Greene, PhD
Victor Benichoux, PhD
Jameson K. Mattingly, MD
Stephen P. Cass, MD, MPH
Daniel J. Tollin, PhD

8:57 Long-Term Outcomes for Surgical Treatment of Superior Canal Dehiscence Syndrome
Mohammed Alkhafaji, BS
Seth E. Pross, MD
Sanskriti Varma, BS
Jeffrey D. Sharon, MD
John P. Carey, MD
9:05 DISCUSSION

9:10 WILLIAM E. HITSELBERGER MEMORIAL LECTURE
Marcus Atlas, MBBS, FRACS

9:45 BREAK WITH EXHIBITORS

SECTION IV: SKULL BASE SURGERY

10:15 INTRODUCTION

10:17 Systematic Review of Hearing Outcomes after Radiotherapy for Vestibular Schwannoma
Adam R. Coughlin, MD
Tyler J. Willman, MD
Samuel P. Gubbels, MD

10:25 Impact of Surgical Volume on Vestibular Schwannoma Surgical Outcomes
Michael J. Bauschard, MD, MS
Jonathan L. Hatch, MD
Shaun A. Nguyen, MD, MA
Paul R. Lambert, MD
Ted A. Meyer, MD
Theodore R. McRackan, MD

Geoffrey C. Casazza, MD
Richard K. Gurgel, MD

10:41 Audiologic Natural History of Small Volume Cochleovestibular Schwannomas in Neurofibromatosis Type 2
Alvin T. deTorres, MD
Chris K. Zalewski, PhD
Kelly A. King, PhD
Carmen C. Brewer, PhD
Prashant Chittiboina, MD
H. Jeffrey Kim, MD

10:49 Unlike in Vestibular Schwannoma, Cochlear Dysfunction is not Common in Meningioma of the Cerebellopontine Angle
Lukas D. Landegger, MD
Jong D. Lee, MD, PhD
Sonaali Aggarwal, BA
Fred H. Linthicum Jr., MD
Konstantina M. Stankovic, MD, PhD

10:57 Surgical Management of Tumors Involving Meckel’s Cave and Cavernous Sinus: Role of a Lateral Sphenoidectomy Approach
Daniel Q. Sun, MD
Arnold H. Menezes, MD
11:05 DISCUSSION

11:10 PANEL
Complications in Neurotology
Robert K. Jackler, Moderator
Derald E. Brackmann, MD
Erika A. Woodson, MD
Christine Dinh, MD
Jacques A. Herzog, MD

12:00 ADJOURNMENT