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 Cochleae: A Human Temporal Bone Study
Reuven Ishai, MD
Joseph B. Nadol 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

3:47  ANS TRAINEE AWARD
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
  Jonathan E. Gordon, MBA
  David Massaro, MD
  John Kokesh, MD

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 - ANS/AAO/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
    “Beating the Drum: An Australian Story of Innovation”
    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
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
Matthew A. Howard III, MD
David M. Hasan MD
Bruce J. Gantz, MD
Marlan R. Hansen, 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