

**AMERICAN NEUROTOLOGY SOCIETY
FALL SCIENTIFIC PROGRAM**

- 12:45 **Business Meeting** (Members Only)
- 1:00 **SCIENTIFIC SESSION**
Welcome & Introductory Remarks
Moisés A. Arriaga, MD, ANS President
- 1:05 **ANS-AAO-HNS/F Video Collaboration**
“Tympanoplasty”
John T. McElveen, Jr., MD
Maura K. Cosetti, MD
- 1:15 **Franklin M. Rizer Memorial Lectureship**
Usher Syndrome: Genomics and Treatment Options
Jennifer J. Lentz, PhD
Research Assistant Professor,
Otorhinolaryngology & Biocommunications
Louisiana State University Health Sciences
Center
- 2:00 **PANEL**
Middle Fossa Craniotomy: Spectrum of Application and Technical Pearls - Pecha Kucha
Walter Kutz, MD - Moderator, Introduction
Eric P. Wilkinson, MD – “Pearls for Middle Fossa Approach in Acoustic Neuroma Surgery”
Marlan R. Hansen, MD – “Facial Nerve Decompression”
Walter Kutz, MD- “CSF Leak and Encephalocele Repair”
Ravi N. Samy, MD – “Extended Middle Fossa Approach”
John P. Carey, MD – “Superior Canal Dehiscence”
Michael B. Gluth, MD – “Combined Petrosal Approach”
Daniel J. Lee, MD – “Use of Endoscope in Middle Fossa Surgery”
- 3:00 **BREAK**
- 3:15 **PANEL**
Medical Management of Sensorineural Hearing Loss
Steven D. Rauch, MD - Moderator, Introduction

Andrea Vambutas, MD - “Corticosteroids and Other Immunomodulators for SNHL”

David H. Jung, MD, PhD - “Emerging Drug Targets, Mechanisms, and Delivery Systems for SNHL”

Peter C. Weber, MD -“Regenerative Therapies for SNHL”

- 4:15 **PANEL**
Technical Challenges in Cochlear Implantation
Neurotology Fellows Video Competition
Maura K. Cosetti, MD - Co-Moderator, Intro
Matthew L. Bush, MD, PhD - Co-Moderator

VIDEO PRESENTERS:

Baishakhi Choudhury, MD
New York University

Gavriel D. Kohlberg, MD
University of Cincinnati

Gauri Mankekar, MD
Louisiana State University

Adam N. Master, MD
House Ear Clinic

Brian Rodgers, MD
Michigan Ear Institute

Anthony M. Tolisano, MD
University of Texas Southwestern

Amit Wolfowitz, MD
University of Miami

- 5:15 **ADJOURN**

LEARNING OBJECTIVES

What do the participants of this activity need to learn in order to close the identified gaps?

- Physician should have a broad understanding of the burgeoning science and therapies (including antisense oligonucleotides) that could become available in the near future for patients and/or families with Usher Syndrome.
- Physicians should be aware and have a broad understanding of the various clinical and surgical challenges that can arise in patients undergoing cochlear implantation.
- Physicians should have a broad yet detailed understanding of the utility of the middle fossa approach for conditions involving the temporal bone and skull base.
- Physicians (especially neurotologists) should have broad and detailed knowledge about the status and utility of the various medical treatments for sensorineural hearing loss.

At the end of this activity, participants will be able to:

- Describe in detail the genetic etiology of Usher Syndrome and provide the current scientific approaches being considered to manage the clinical/phenotypic impact of this condition that results in progressive hearing loss and blindness.
- Describe a variety of clinical and surgical challenges encountered during cochlear implant surgery and explain the various solutions that were considered and used to overcome these challenges.
- Describe the utility of the middle fossa approach for a variety of conditions involving the temporal bone and lateral skull base. Explain the pearls and pitfalls of this approach over other possible approaches in the management of acoustic and other skull base tumors, superior canal dehiscence, CSF leaks and encephaloceles.
- Discuss the utility and application of the various medical treatment options that are accepted, in clinical trials, or being developed for patients with sensorineural hearing loss.

How will this activity improve the learners’ competence (knowledge in action), performance (skill set) and/or patient outcomes (impact of care)?

- This activity will improve competence of physicians by providing education and thus, a more thorough understanding of the scientific advances and the potential evolving therapies for individuals and families afflicted with Usher Syndrome. Detailed information on current and emerging options (antisense oligonucleotides, etc) will be presented providing a clear outlook for where this field is going and what the timeline and expectations for therapy availability might be.
- This activity will improve competence by providing physicians education on some challenges in cochlear implantation. Specifically, practitioners will provide video evidence of some encountered clinical and surgical challenges with approaches used to overcome these obstacles.
- This activity will improve competence by providing physicians education on the utility of middle fossa surgery in a variety of conditions including: skull base tumors, superior canal dehiscence, CSF leaks and encephaloceles. Specifically, presentations will provide detailed information on the uses and shortcomings of the middle fossa approach in these various conditions.
- This activity will improve the competence of physicians by providing education on the various treatment options available, and those in trials or development, for patients with sensorineural hearing loss.

DISCLOSURE STATEMENT

In compliance with the ACCME Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. All reported conflicts are managed by a designated official to ensure a bias-free presentation. Please see the insert to this program for the complete disclosure list.

Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not FDA approved or the off-label use of an approved device, product, or drug or unapproved usage. The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure, and to allow the audience to form its own judgments regarding the presentation.

Purpose

The purpose of this meeting is to highlight the application of the latest research and evidence-based criteria to deliver quality and coordinated care to patients, increase physician knowledge, gain competence, enhance practice patterns and improve patient outcomes. The **target audiences** are neurotologists, otologists, otolaryngologists, and allied health professionals with specific interests in neurotologic and otologic issues.

Certificates of Attendance will be issued at the close of the meeting upon completion of the evaluation required for the certifying organization. There are no CME hours for study groups.

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American College of Surgeons and American Neurotology Society. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of **4.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



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53rd ANNUAL ANS SPRING MEETING

(in conjunction with COSM)

Gaylord National Resort and Convention Center
National Harbor, Maryland
April 20-22, 2018

ANS CALL FOR PAPERS

Abstract Submission Deadline - October 15, 2017

Please visit the ANS website for detailed submission instructions

www.americanneurotologysociety.com/abstract-form-submission-page-2018

NEW ADMINISTRATIVE OFFICE ADDRESS

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2017
FALL PROGRAM

52nd Annual
Scientific Program
of the

American Neurotology Society

“Neurotology Advances: From the
Genome to the Cranial Base”

“Super Saturday”
September 9, 2017

1:00 P.M. – 5:15 P.M.

Sheraton Grand
Chicago, IL

Meeting Room:
Chicago Ballroom 8-10
Level 4