

AMERICAN NEUROTOLOGY SOCIETY
57th Annual Meeting
PRELIMINARY PROGRAM
April 30 - May 1, 2022
Dallas, TX

ANS Posters will be displayed on Friday & Saturday, April 29-30, 2022

SATURDAY, APRIL 30, 2022

- 1:00 BUSINESS MEETING** (*Treasurer's report/New member induction*)
(*Members Only*)
- 1:30 SCIENTIFIC SESSION**
(*Open to registered Members and Non-members – Badge required for admittance*)
- 1:30 WELCOME & OPENING REMARKS BY THE PRESIDENT**
Craig A. Buchman, MD
- 1:33 PRESIDENTIAL CITATIONS**
Eugene N. Myers, MD
Charles D. Bluestone, MD
Douglas A. Chen, MD
Derald E. Brackmann, MD
Harold C. Pillsbury III, MD
Patricia A. Roush, AuD
- 1:41 3rd ANNUAL NOEL L. COHEN AWARD FOR SIGNIFICANT CONTRIBUTIONS TO
OTOLOGY AND NEUROTOLOGY**
- 1:49 INTRODUCTION OF WILLIAM E. HITSELBERGER LECTURE**
Craig A. Buchman, MD
- 1:50 WILLIAM E. HITSELBERGER MEMORIAL LECTURE**
TITLE
Dennis Barbour, MD, PhD
Associate Professor and Director of Master's Studies
Department of Biomedical Engineering
Washington University - St. Louis, MO
- 2:15 INTRODUCTION OF ABSTRACTS - COCHLEAR IMPLANTS PART 1**
Jay T. Rubinstein, MD - Moderator
- 2:17 NEUROTOLOGY FELLOW AWARD**
**Cochlear Implantation for Single Sided Deafness: Speech Outcomes, Quality of Life, and Effects
on Tinnitus**
Nathan R. Lindquist, MD
Ankita Patro, MD
Jourdan T. Holder, AuD, PhD
Elizabeth L. Perkins, MD

- 2:24 Cochlear Implantation Outcomes in Adults with Single-Sided Deafness: A Systematic Review and Meta-analysis**
Ghazal S. Daher, MD
Armine Kocharyan, MD
Margaret T. Dillon, AuD
Matthew L. Carlson, MD
- 2:31 NEUROTOLOGY FELLOW AWARD**
Do Cognitive Impairment Screening Scores Correlate with Cochlear Implant Speech Outcomes?
Mallory J. Raymond, MD
Cheng Ma, BS
Kara Leyzac, AuD, PhD, CCC-A
Elizabeth L. Camposeo, AuD, CCC-A
Shaun A. Nguyen, MD
Ted A. Meyer, MD, PhD
Theodore R. McRackan, MD, MSCR
- 2:38 Further Evidence for Individual Ear Consideration in Cochlear Implant Candidacy Evaluation**
Ankita Patro, MD, MS
Nathan R. Lindquist, MD
Jourdan T. Holder, AuD, PhD
Kareem O. Tawfik, MD
David S. Haynes, MD, MMHC
Rene H. Gifford, PhD
Elizabeth L. Perkins, MD
- 2:45 ANS TRAINEE AWARD**
Promontory Electrocochleography Recordings to Predict Speech-Perception Performance in Cochlear Implant Recipients
Amit Walia, MD
Matthew A. Shew, MD
Shannon M. Lefler, AuD
Cameron C. Wick, MD
Nedim Durakovic, MD
Jacques A. Herzog, MD
Craig A. Buchman, MD
- 2:52 Prospective, Observational Assessment of Factors Influencing Improvement of Quality of Life after Cochlear Implantation**
Amit Walia, MD
James Bao, BS
Noel Dwyer, AuD
Susan Rathgeb, AuD
Jacques A. Herzog, MD
Craig A. Buchman, MD
Cameron C. Wick, MD
- 2:59 DISCUSSION**
- 3:04 BREAK WITH EXHIBITORS**

3:35 INTRODUCTION OF ABSTRACTS - HEARING LOSS

John S. Oghalai, MD – Moderator

3:37 In Silico Localization of Perilymph Proteins Enriched in Meniere's Disease Using Mammalian Cochlear Single Cell Transcriptomics

Alexandra M. Arambula, MD

Shoujun Gu, PhD

Athanasia Warnecke, MD

Hinrich Staecker, MD, PhD

Michael Hoa, MD

3:44 Hearing Aid Prevalence and Reported Hearing Difficulty in Americans with Subclinical Hearing Loss

Jacqueline M. Dragon, BA

Alexandria L. Irace, BA

Maehar R. Grewal, BS

Justin S. Golub, MD, MS

3:51 Otologic Manifestations after COVID-19 Vaccination: Long-term Symptomatic and Audiometric Follow-up

Helena Wichova, MD

Mia E. Miller, MD

John W. House, MD

M. Jennifer Derebery, MD

3:58 White Matter Hyperintensities in Patients with Sudden Sensorineural Hearing Loss

Mehdi Abouzari, MD, PhD

Arash Abiri, BS

Ariel Lee, BS

Kotaro Tsutsumi, BA

Meleeka Akbarpour, MS

Beenish Patel, MS

Hamid R. Djalilian, MD

4:05 DISCUSSION

4:10 PANEL

American Auditory Society Panel: “New Frontiers in Hearing Research”

Charles Limb, MD, Moderator

Carmen Brewer, PhD

Rene H. Gifford, PhD

Sumit Dhar, PhD

5:10 CLOSING REMARKS/ADJOURNMENT

Craig A. Buchman, MD

SUNDAY, MAY 1, 2022

7:00 BUSINESS MEETING (O&N/Committee Reports)
(Members Only)

- 7:25 SCIENTIFIC SESSION**
(Open to registered Members and Non-members – Badge required for admittance)
- 7:25 WELCOME & OPENING REMARKS BY THE PRESIDENT**
Craig A. Buchman, MD
- 7:27 INTRODUCTION OF ABSTRACTS - COCHLEAR IMPLANTS PART 2**
Miriam I. Redleaf, MD, Moderator
- 7:29 Cochlear Implantation and Programing Considerations in Children with Abnormal Cochleovestibular Nerves: The Project Talk Experience**
Briana K. Ortega, MD
Omid Moshtaghi, MD, MS
Eric Y. Du, BS
Joan Hewitt, AuD
Elina Kari, MD
- 7:36 HiRes Ultra Series Recall: Failure Rates and Revision Speech Recognition Outcomes**
Nathan R. Lindquist, MD
Nathan D. Cass, MD
Ankita Patro, MD
Rene H. Gifford, PhD
David S. Haynes, MD, MMHC
Elizabeth L. Perkins, MD
Jourdan T. Holder, AuD, PhD
- 7:43 Image Quality and MRI Artifact Reduction of a Multi-Magnet Cochlear Implant**
Arianna R. Winchester, MD
Emily Kay-Rivest, MD, MSc
Mary Bruno
Mari Hagiwara, MD
Daniel Jethanamest, MD, MSc
- 7:50 Twelve-Month Outcomes of Simultaneous Translabyrinthine Resection and Cochlear Implantation**
Karl W. Doerfer, MD
Christian G. Fritz
Sandra L. Porps, AuD
Christopher A. Schutt, MD
Robert S. Hong, MD, PhD
Jeffrey T. Jacob, MD
Seilesh C. Babu, MD
- 7:57 DISCUSSION**
- 8:02 PANEL**
“Tomorrow's Cochlear Implant Program”
Oliver F. Adunka, MD, Moderator
Douglas D. Backous, MD
Patti Trautwein, MA, AuD

John L. Dornhoffer, MD

Matthew A. Shew, MD

8:57 INTRODUCTION OF ABSTRACTS - SKULL BASE TUMORS

Brandon Isaacson, MD, Moderator

8:59 Fluorescein-guided Microsurgical Resection of Vestibular Schwannoma: A Prospective Feasibility Study

Stephen A. Chan, MD

Robert J. Macielak, MD

Brian A. Neff, MD

Colin L.W. Driscoll, MD

Jamie J. Van Gompel, MD

Michael J. Link, MD

Matthew L. Carlson, MD

9:06 Spontaneous Volumetric Tumor Regression During Wait-and-Scan Management of 952 Sporadic Vestibular Schwannomas

John P. Marinelli, MD

Daniel E. Killeen, MD

Zane Schnurman, MD

Jacob B. Hunter, MD

Christine M. Lohse, MS

Douglas Kondziolka, MD, MSc

Matthew L. Carlson, MD

9:13 Systematic Review and Meta-Analysis for Surgery Versus Stereotactic Radiosurgery for Jugular Paragangliomas

James C. Campbell, MD

Jessica W. Lee, MD

Leila Ledbetter, MLIS, AHIP

Tracy Truong, MS

Hwanhee Hong, PhD

Maragatha Kuchibhatla, PhD

David M. Kaylie, MD

9:20 DISCUSSION

9:25 MID-MORNING BREAK

9:45 INTRODUCTION OF WILLIAM F. HOUSE LECTURE

Craig A. Buchman, MD

9:46 WILLIAM F. HOUSE MEMORIAL LECTURE

“Vestibular Implantation - Neurotology’s Next Big Contribution to Sensory Restoration”

Charles C. Della Santina, PhD, MD

Professor of Otolaryngology - Head & Neck Surgery and Biomedical Engineering

Director, Vestibular NeuroEngineering Lab

Director, Johns Hopkins Cochlear Implant Center

Johns Hopkins School of Medicine

Baltimore, MD

10:11 INTRODUCTION OF ABSTRACTS – VESTIBULAR DISORDERS

Barry E. Hirsch, MD, Moderator

10:13 Electrically Evoked Vestibulo-ocular Reflex in a Patient with a 23-year History of Bilateral Vestibular Hypofunction

Desi P. Schoo, MD

Andrianna I. Ayiotis, BS

Margaret R. Chow, PhD

Kelly E. Lane

Celia Fernandez Brillet, BS

John P. Carey, MD

Charles C. Della Santina, MD PhD

10:20 ANS TRAINEE AWARD

Examination of Saccade Patterns in Compensated and Uncompensated Unilateral Vestibular Hypofunction

Hunter L. Elms, MD

Kristal M. Riska, PhD, AuD

10:27 NICHOLAS TOROK VESTIBULAR AWARD

Vestibular Migraine Confounds Management of Superior Canal Dehiscence Syndrome

Miriam R. Smetak, MD, MS

Nathan D. Cass, MD

Nauman F. Manzoor, MD

Kelsey Hatton, AuD, CCC-A

Matthew R. O'Malley, MD

Marc L. Bennett, MD, MMHC

David S. Haynes, MD, MMHC

10:34 Different Phenotypes of Vestibular Migraine Based on Visually Enhanced Vestibulo-Ocular Reflex (VVOR) Results

Eric K. Kim, BA

Lauren Pasquesi, AuD

Roseanne Krauter, FNP-BC

Natalie Sienko, BS

Adam Gardi, BS

Jeffrey D. Sharon, MD

10:41 Fixation Stability during Moving Visual Stimulation in Persistent Postural-Perceptual Dizziness

Chihiro Yagi, MD

Yuka Morita, MD, PhD

Tatsuya Yamagishi, MD, PhD

Shinsuke Ohshima, MD, PhD

Shuji Izumi, MD, PhD

Kuniyuki Takahashi, MD, PhD

Arata Horii, MD, PhD

10:48 Comparison of vHIT with Caloric and Rotary Chair Measurements in Adult Patients with Balance Complaints

Emma De Ravin, BS

Tiffany P. Hwa, MD

Alexandra E. Quimby, MD

Douglas C. Bigelow, MD
Jason A. Brant, MD
Michael J. Ruckenstein, MD
Steven J. Eliades, MD PhD

10:55 Visuospatial Cognitive Deficits in Patients with Vestibular Disorders

Maimuna Ahmad, BS
Susan King, BS
Lukasz Bola, PhD
Alfonso Caramazza, PhD
Richard F. Lewis, MD
Divya A. Chari, MD

11:02 DISCUSSION

11:07 PANEL

"Where Are You Mom? What To Do About the Child with Unilateral Hearing Loss!"

Bradley W. Kesser, MD, Moderator
Nancy M. Young, MD
Daniel I. Choo, MD
Margaret A. Kenna, MD, MPH
Judith E. C. Lieu, MD, MSPH

11:57 INTRODUCTION INCOMING PRESIDENT

Fred F. Telischi, MD

12:00 CLOSING REMARKS/ADJOURNMENT

Craig A. Buchman, MD