



ABS 2019 Meeting Program

February 26 – 27, 2019

February 26, 2019

12:00 – 12:50 PM	Registration
12:50 – 1:00 PM	Welcome – Neil Shepard, PhD, ABS President
	Featured Session: Vestibular Implants Moderator: Habib Rizk, MD
1:00 – 2:00 PM	Vestibular Neuroprosthetics: Progress and Challenges in the Development of an Implant to Restore Vestibular Function Keynote Speaker: James O. Phillips, PhD
	VOR Session Moderator: Habib Rizk, MD
2:00 – 2:20 PM	Optimizing the Sensitivity of the Video Head Impulse Test (vHIT) Through Catch-up Saccade Analysis: Can Catch-Up Saccades, Alone, Be an Indicator of Peripheral Vestibular Hypofunction? Brittney Medina, BS**, James O. Phillips, PhD, Julie Arenberg, PhD
2:20 – 2:40 PM	Relationship Between Corrective Saccades and Measures of Physical Function in Unilateral and Bilateral Vestibular Loss Kristal Riska, AuD, PhD*, Sarah Peskoe, PhD, Jordan Bellucci, BS, Doug Garrison, AuD, Courtney Hall, PhD
2:40 – 3:00 PM	VHIT Sensitivity for Meniere's Disease Neil Shepard, PhD*, Devin McCaslin, PhD, Dennell Benson, MA
3:00 – 3:20 PM	The Effect of Disease Duration on Tests of Hearing and Balance in Patients with Meniere's Disease Dennell Benson, MA**, Devin McCaslin, PhD, Neil Shepard, PhD, James McPherson, MS
3:20 – 3:35 PM	BREAK
	Psychophysical and Psychometric Session Moderator: David Zapala, PhD
3:35 – 3:55 PM	Auditory-Vestibular Integration for Motion Perception: A Psychophysical Study Corey Shayman, BS**, Erick Gallun, PhD, Robert Peterka, PhD, Yonghee Oh, PhD, Tim Hullar, MD
3:55 – 4:15 PM	The Component Structure of the Dizziness Handicap Inventory

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	(DHI): A Reappraisal Kelly Van De Wyngaerde, AuD*, Minji K. Lee, PhD, Gary P. Jacobson, PhD, Devin McCaslin, PhD, Santiago Romero-Brufau, MD, Kalyan Pasupathy, PhD
4:15 – 4:35 PM	Development of the BPPV Symptom Impact Questionnaire Faith W. Akin, PhD*, Sherri L. Smith, AuD, Courtney D. Hall, PhD, Kristal M. Riska, AuD, PhD, Annabelle Larkin
4:35 – 4:55 PM	Quantification of Cognitive Dysfunction in Dizzy Patients Using the Neuropsychological Vertigo Inventory Yuan F. Liu, MD, Taylor D. Locklear, MS, Jeffrey D. Sharon, MD, Shaun A. Nguyen, MD, Habib G. Rizk, MD*
4:55 – 5:00 PM	Wrap up, Announcements
5:00 – 6:00 PM	Posters & Potations

*Presenter

**Student Presenter

POSTER SESSION

1. Prevalence of Balance Disorders in Independent Living / Well-Elder Living Communities
Elizabeth Tobener, BA**, Gary Jacobson, PhD, Kelsey Hatton, AuD, Kaylee Smith, AuD, Kathryn Makowiec, AuD, Ashley Deeb, AuD
2. Post-Traumatic Dizziness: Navigating the Maze Toward Accurate Vestibular Diagnosis and Treatment
Melissa Grzesiak, PT, DPT*, Wendy Carender, PT, NCS
3. Feeling Superior? A Case of Anterior Canal Benign Paroxysmal Positional Vertigo Following Surgical Management of Superior Semicircular Canal Dehiscence
Richard A. Roberts, PhD*, Kathryn Makowiec, AuD*, Alejandro Rivas, MD
4. A Symptom Based Questionnaire Compared to Expert Physicians for Vertigo and Dizziness Triage
Bethany Watson, MS**, Devin McCaslin, PhD, Doug Totten, BS, Neil Shepard, PhD, Santiago Romero-Brufau, PhD, Kalyan Pasupathy, PhD, Jeffrey Staab, MD, Scott Eggers, MD, Colin Driscoll, MD
5. Types of Tasking and Their Effects on the Measurement of Slow Phase Velocity during Caloric and Rotational Chair Testing
Jenni Sis**, Kathryn Makowiec, AuD, Kaylee Smith, AuD, Ashley Deeb, AuD
6. Factors Influencing the Severity of Injury from Falls in the Developmentally Disabled Adult Population
Allyson Lambert, MS**, Steven M. Doettl, AuD, Kandy Turner, MS, Patrick N. Plyler, PhD
7. Clinical Significance of the Failure to Perceive Vertigo in Post-Caloric Person Despite Robust Caloric Response
Erin Piker, AuD, PhD*, Gary P. Jacobson, PhD, Ye Wang, Kaylee Smith, AuD, Daniel J. Romero, AuD
8. Comparison of Velocity Step Test Results and Video Head Impulse Test Results in Bilateral Vestibular Loss
Jordan Bellucci, BA**, Sarah Peskoe, PhD, Doug Garrison, AuD, Kristal Riska, AuD, PhD
9. The Effect of Cochlear Implantation on Clinical Vestibular Measurements: A Retrospective Study
Allison Anderson*, Conner Rouch**, Steven Doettl, AuD, Patrick Plyler, PhD

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10. Downward Dog Dizziness: A Rare BPPV Case
Jenna Fenton**
11. "Good Balance" in Young Deaf Adults
Chizuku Tamaki, PhD*, Kristen Maul, PhD, Sarah Sparks, Emalee Danner, Noelle Allemang, Shelby Matthews
12. A Case Study in Leaving No Stone Unturned: Diagnosing and Resolving Persistent Postural-Perceptual Dizziness (PPPD)
Hannah Williams, AuD*, Stacie Pilgrim, AuD*, Mark Gordon, JD, MA
13. A Preliminary Evaluation of Bone-Conducted Vestibular Evoked Myogenic Potentials Using the RadioEar B-81
Corey Stoelb, AuD*, Devin McCaslin, PhD, Robert Burkard, PhD
14. In Vivo Mapping of Linear Acceleration
Srinivasu Kallakuri*, Avril Genene Holt*, Mirabela Hali, Andre Kuhl, Rod D. Braun

*Presenter

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February 27, 2019

7:00 – 8:00 AM	Registration
8:00 – 8:10 AM	Welcome – Neil Shepard, PhD, ABS President
	Vestibular Rehabilitation: Indications, New Technologies and the Role of the Audiologist in the Multidisciplinary Approach Moderator: Habib Rizk, MD
8:10 – 9:20 AM	Panel Discussion Neil Shepard, PhD, Richard Clendaniel, PhD
	Vestibular Rehabilitation Session Pt 1 Moderator: Shelly Massingale, PT, MPT
9:20 – 9:40 AM	Vestibular Rehabilitation for Acoustic Neuroma: Physical Therapy Across the Continuum of Care Jennifer Tanaka, DPT*, Lori Ginoza, DPT*
9:40 – 10:00 AM	Immersion in a Virtual Reality Environment Status-Post Acoustic Neuroma Resection: A Case Report Assessing Tolerance and Stability Lori Ginoza, DPT*, Aram Kim, MS, PT, Jennifer Tanaka, DPT, James Finley, PhD
10:00 – 10:20 AM	Impact of Vestibular Rehabilitation on Outcome in Patients with Mal de Debarquement Syndrome Rebecca C. English, DPT*, Christine C. Strange, AuD, Cortney J. Van Ausdal, AuD, Yo Lin Sung, AuD, Elizabeth A. Poth, AuD, Yuan F. Liu, MD, Habib G. Rizk, MD
10:20 – 10:40 AM	BREAK
	Vestibular Rehabilitation Session Pt 2 Moderator: Chizuko Tamaki, PhD
10:40 – 11:00 AM	Visual Exploration During Walking in People with Mild Traumatic Brain Injury Bryana Popa**, Sam Stuart, Laurie King
11:00 – 11:20 AM	Effectiveness of Vestibular Therapy in the Concussed Adolescent Athlete Shelly Massingale, PT, MPT*, Amy Alexander, PT, Richard Allred, Steven Erickson, MD, Richard Gerkin, MD, Jamie Pardini, PhD
11:20 – 11:40 AM	Vestibular, Oculomotor, and Reaction Time Patient's Assessment in a Virtual Reality Environment Alex Kiderman, PhD*, Michael Hoffer, MD, Hillary Snapp, AuD, PhD, Alexandr Braverman, PhD candidate, Carey Balaban, PhD
11:40 AM – 12:00 PM	Why We Cannot Get Reimbursed by Medicare for VEMPs or vHIT Robert Burkard, PhD*, Neil Shepard, PhD*, Stuart Trembath, MS*

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12:00 – 1:30 PM	Lunch & Board of Directors Meeting
1:30 – 2:00 PM	Members' Business Meeting
	Challenging Clinical Cases Session Moderator: Chris Zalewski, PhD
2:00 – 3:00 PM	Panel Discussion Kamala Saha, MD, Shelly Massingale, PT, MPT, Julie Honaker, PhD
3:00 – 3:20 PM	Updates on Vestibular Migraine Kristen K. Steenerson, MD*
3:20 – 3:40 PM	Impact of Tai Chi Exercise on Balance Disorders: A Systematic Review Hsin-Wei Huang**, Nanette Nicholson
3:40 – 3:55 PM	BREAK
	Postural Stability & Otolith Session Moderator: Jamie Bogle, AuD, PhD
3:55 – 4:15 PM	Factors Influencing Gait and Balance in Distracted Walking: Evaluating Passive and Active Listening/Communication Tasks Using a Cell Phone Anthony T. Cacace, PhD*, Hassan Bazzi
4:15 – 4:35 PM	Impact of Otolith Dysfunction on Postural Stability and Quality of Life: A Chronic Effects of Neurotrauma Consortium Study Courtney D. Hall, PhD*, Faith W. Akin, PhD*, Owen D. Murnane, PhD, Jennifer R. Sears, AuD, Richard B. Atlee, DPT
4:35 – 4:55 PM	Comparison of Bone Conduction Cervical VEMPs Across Different Transducers Daniel J. Romero, AuD**, Erin G. Piker, AuD, PhD, Christopher Clinard, PhD, Andrew Thorne
4:55 – 5:15 PM	Age Effects of Bone Conduction Vestibular Evoked Myogenic Potentials (VEMPs) Using B81 and Reflex Hammer Stimuli Jessie Patterson, AuD*, Amanda Rodriguez, PhD, Julie Honaker, PhD, Katherine Gordon, Devin McCaslin, PhD, Gary Jacobson, PhD, Kristen Janky, PhD
5:15 – 5:30 PM	Thanks! Program Evaluation

*Presenter

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