



ABS 2020 Meeting Program

March 2 – 3, 2021

March 2, 2021 (Tuesday)

**** NOTE: ALL TIMES ARE U.S. MOUNTAIN STANDARD TIME (MST) or GREENWICH MEAN TIME – 7 HOURS (GMT-7) ****

7:30 – 8:00 AM	Registration
8:00 – 8:10 AM	Welcome – Chris Zalewski, Ph.D., ABS President
	Technology Session Moderator: TBA
8:10 – 8:35	Vestibular First
8:35 – 9:00	Interacoustics US
	Keynote Session Moderator: TBA
9:00 – 10:30 AM	Keynote Presentation: Medical Management of the Vestibular Disorder Patient Keynote Speaker: Terry Fife, M.D.*
10:30 – 10:40 AM	Break
	Vestibular Research Session Moderator: TBA
10:40 – 11:00 AM	Computerized Rotational Head Impulse Test: Test-Retest Reliability using a head-fixed target Roxanne Looock**, Barbara Heinze, Ph.D., Alexander Kiderman, Ph.D. and Jorge González, Ph.D.
11:00 – 11:20 AM	Role of middle ear transmission characteristics in the frequency tuning of otolith mediated reflexes Raghav Hira Jha**, Erin Piker, Au.D., Ph.D., and Daniel Romero, Au.D.
11:20 – 11:40 AM	Determinants of saccade timing during a VOR suppression task: influence of active, passive and predictable head movements Maxine Maheu, M.Sc.S. (A), Mujda Nooristani, M.P.A., Timothy Hullar, M.D. and Robert Peterka, Ph.D.

11:40 A.M. – 12:30 PM	Lunch
12:30 PM	Reconvene
	Concussion & Neurological Issues Session Moderator: TBA
12:30 – 12:50 PM	Clinical Vestibular Testing in Patients with Concussion: Diagnosis and Management Liz Fuemmeler, Au.D.*
12:50 – 1:10 PM	A New Paradigm in Assessing Postural Stability in Patients with TBI Talah T. Wafa, Ph.D.*, Christopher Zalewski, Ph.D., Adrienne Jackson, Brian Moore, Leighton Chan, Christiane Zampieri-Gallagher and Carmen Brewer
1:10 – 1:30 PM	Dizziness Related to Vestibular Dysfunction in Patients with Chiari Malformation Type I Hannah Famili, M.A.** Chris Zalewski, Ph.D., John Heiss, M.D., Fredric Cantor, M.D., Jessica Mack, M.S., Alaaddin Ibrahimy, M.S. and Carmen Brewer, Ph.D.
1:30 – 1:40 PM	BREAK
1:40 – 1:50 PM	Reconvene ABS Meeting Update – Chris Zalewski, Ph.D.
	Poster Session 1 Moderator: TBA
1:50 – 2:00 PM	<i>Role of EMG Monitoring on cVEMP Testing in Preschool Aged Children</i> Brenna Murray**, Erin Piker, Au.D., Ph.D, and Ellen Jones, B.S.
2:00 – 2:10 PM	<i>Antidepressants, polypharmacy, exercise, dizziness, imbalance, and falls: What can we learn from NHANES?</i> Isaac Cooley, B.S.**, Anne Hogan, Ph.D., Danielle Backus, Pharm.D. and Matthew Town, Ph.D.
2:10 – 2:20 PM	<i>Magnitude estimates of angular motion: Perception of speed and displacement across vestibular and visual modalities</i> Erin Hernon**, Erin Piker, Au.D., Ph.D., Daniel Romero, Au.D.†, and Lincoln Gray, Ph.D.
2:20 – 2:30 PM	<i>Dual Task Study of Cognitive and Postural Interference: Development of a Methodology for use with Vestibular Disorders</i> Valerie Beacham, B.S.**, Erin Piker Au.D. Ph.D., Ellen Jones B.S.†, Taylor Boruch B.S.†, Rebecca Civil B.S.†, and Michele Wu

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† Student Co-Author

2:30 – 2:40 PM	<i>The relationship between the vestibular ocular reflex and vestibular perception in young healthy adults.</i> Susanne Nelson B.S.**, Daniel Romero Au.D.†, Lincoln Gray Ph.D. & Erin Piker Au.D. Ph.D.
2:40 – 2:50 PM	<i>SVV Tilt and Response Variance in a Migraine Population</i> Elena Hoogland, B.S.**, Renee Landon-Lane, B.S.†, Sarah Oakley Holbert, Au.D., Michael Cevette, Ph.D., Ashley Zaleski King, Au.D., Ph.D., and Jaime Bogle, Au.D., Ph.D.
2:50 – 3:00 PM	BREAK
	Poster Session 2 Moderator: TBA
3:00 – 3:10 PM	<i>Association of Serum Vitamin D Levels and Supplementation with Benign Paroxysmal Positional Vertigo Outcomes</i> Leah Cobb, M.Sc.**, Victoria Bailey, B.Sc.†, Yuan Liu, M.D., Michael Teixido, M.D., and Habib Rizk, M.D.
3:10 – 3:20 PM	<i>Locoregional Analysis from a Southeastern Institution of Vitamin D influence on Benign Paroxysmal Positional Vertigo Patient Outcomes</i> Victoria Bailey, B.Sc.**, Leah Cobb, M.Sc.†, Yuan Liu, M.D., Michael Teixido, M.D., and Habib Rizk, M.D.
3:20 – 3:30 PM	<i>Preliminary evaluation of ear-level postural stability monitoring technology</i> Justin R. Burwinkel, Au.D.* and Matan Sivan
3:30 – 3:40 PM	<i>Balance Patterns in Vestibular Migraine Patients</i> Renee Landon-Lane, B.A.**, Elena Hoogland, B.S.†, Sarah Oakley Holbert, Au.D., Michael Cevette, Ph.D., and Jamie Bogle, Au.D., Ph.D.
3:40 – 3:50 PM	<i>Reflexive or Volitional Eye Opening During Sensory Organization Testing: Influence of Enhanced Cues</i> James Ralphs, P.T., D.P.T.*, Jeff Brockett, Ed.D.*, CCC-A, Nancy Cheadle, Au.D., CCC-A, and Deanna Dye, Ph.D., P.T.
3:50 – 4:00 PM	<i>Effect of Sound Source Location and Spatial Hearing on the Vestibulo-Ocular Reflex (VOR)</i> Mary Easterday, Ph.D. Candidate**, Patrick Plyler, Ph.D., Steven Doettl, Ph.D., and Devin McCaslin, Ph.D.
4:00 PM	Adjourn – Day 1
4:00 – 5:00 PM	Board of Directors meeting (Virtual)

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Access to Presenter Handouts:

List of Exhibitors:

Interacoustics (<https://interacoustics.com>)

Vestibular First (<https://vestibularfirst.com>)

Acknowledgement:

Special thanks to the Boys Town National Research Hospital for providing the platform and the IT support to make the 13th annual meeting of the American Balance Society possible in a virtual format.

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March 3, 2021 (Wednesday)

7:30 – 7:50 AM	Registration
7:50 – 8:00 AM	Welcome – Chris Zalewski, PhD, ABS President
	Vestibular Research Opportunities Moderator: TBA
8:00 – 8:25 AM	Vestibular Research Funding Amy Poremba, Ph.D.* Director, Central Pathways for Hearing and Balance National Institute on Deafness & Other Communication Disorders
	Panel Discussion Moderator: TBA
8:25 – 8:55 AM	Ménière’s Disease: American Academy of Otolaryngology – Head Neck Surgery Clinical Practice Guidelines Terry Fife, M.D.* and Habib Rizk, M.D.*
	Special Interest Session Moderator: TBA
8:55 – 9:15 AM	Clinical Considerations for Transgendered Patients Bre Myers, Au.D.*
9:15 – 9:35 AM	Association Between Vestibular Symptoms and Risk of Alzheimer’s disease in Older Adults – Mayo Clinic Longitudinal Study of Aging Razan Alfakir, M.D., Au.D., Ph.D.*
	Dizziness and Self-Assessment Measures Session Moderator: TBA
9:35 – 9:55 AM	Patient-Reported Outcomes in Patients with Chronic Dizziness: Lessons Learned Devin McCaslin, Ph.D., Manami Shah, M.S.**, Jeffrey Staab, M.D., Scott Eggers, M.D., Ann Anderson, Au.D. and Christine Lohse, M.S.
9:55 – 10:15 AM	Clinical Utility of the Age & Stages Questionnaire (ASQ-3) for Identification of Vestibular Dysfunction in Infant & Toddler- Aged Children Joshua Huppert, Au.D.*
10:15 – 10:25 AM	BREAK

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	Dizziness and Hearing Loss Session Moderator: TBA
10:25 – 10:45 AM	Variations in Vestibular and Motor Functions in Children with Similar Patterns of Unilateral Sensorineural Hearing Loss Stephanie Bodison, O.T.D., O.T.R./L.*, Ryan Cabeen, Ph.D., Courtney Voelker, M.D. and Arthur Toga, Ph.D.
10:45 AM – 11:05 AM	Hearing Loss and Fall Risk in Adults with Vestibulopathy Ryan Huang, B.A.** Carl Peiper, Ph.D., Heather Whitson, M.H.S., M.D., Doug Garrison, Au.D. and Kristal Riska, Au.D., Ph.D.
11:05 – 11:15 AM	Break
	VEMP Session Moderator: TBA
11:15 – 11:35 AM	Objective detection of vestibular evoked myogenic potentials Daniel Romero, Au.D.**, Erin G. Piker, Au.D., Ph.D., Christopher Zalewski, Ph.D. and Christopher Clinard, Ph.D.
11:35 – 11:55 AM	Vestibular Evoked Myogenic Potentials and Postural Control in Adults with Age-Related Hearing Loss Steven Doettl, Au.D., Ph.D.*, Patrick Plyler, Ph.D., Devin McCaslin, Ph.D., Larissa Connoly, M.S. and Jesus Gómez, M.S.
11:55 AM – 12:45 PM	Lunch
12:45 – 1:15 PM	Members Business Meeting
	Challenging / Interesting Clinical Cases Session Moderator: TBA
1:15 – 2:15 PM	Panel Discussion Terry Fife, M.D., Jeff Walter, D.P.T., and Margot Beckerman, Au.D.
2:15 – 2:25 PM	BREAK
	Medications and Dizziness Session Moderator: TBA
2:25 – 2:45 PM	Vestibulotoxic Topical Aminoglycosides: Illustrative Cases and a Review of the Literature Kristen Steenerson, M.D.** and Troy Hale
2:45 – 3:05 PM	Prevalence of Polypharmacy in Patients with Vestibular and Balance Complaints: a single-center retrospective review Tatianna Timor, Pharm.D. candidate**, Adrienne Busch, Pharm.D. Candidate, James Sterrett, PharmD, and Habib Rizk, M.D., MSc.

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3:05 – 3:15 PM	Break
3:15 – 4:45 PM	Concurrent Sessions Moderator: TBA
	Audiology for the Physical Therapist Chris Zalewski, Ph.D.
	Physical Therapy for the Audiologist Bridgett Wallace, D.P.T.
4:45 – 5:00 PM	Acknowledgements Reminders Adjourn 2021 ABS Meeting

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