



ABS 2020 Meeting Program

March 3 – 4, 2020

March 3, 2020 (Tuesday)

12:00 – 12:50 PM	Registration
12:50 – 1:00 PM	Welcome – Kristen Janky, Ph.D., ABS President
	Keynote Presentation: Vestibular Rehabilitation Moderator: Kristen Janky, Ph.D.
1:00 – 2:00 PM	Vestibular Rehab: The newest evidence and innovations Keynote Speaker: Susan Whitney, D.P.T., Ph.D.
	Assessment & Diagnostics Session, Part 1 Moderator: David Zapala, Ph.D.
2:00 – 2:20 PM	Accurately characterizing degree of vestibular loss: What's what and who's who? Kristen Janky, Au.D., Ph.D.* and Jessie Patterson, Au.D., Ph.D.
2:20 – 2:40 PM	The Development of an Artificial Intelligence Platform for Vertigo and Dizziness Triage Devin McCaslin, Ph.D.*, Santiago Romero-Brufau, Ph.D., Doug Totten, B.S., Kalyan Pasupathy, Ph.D., Jeffrey Staab, M.D., Scott Eggers, M.D., Bethany Watson, M.S., Neil Shepard, Ph.D., and Colin Driscoll, M.D.
2:40 – 3:00 PM	The Influence of Multiple Chronic Conditions on the Total Score of the Dizziness Handicap Inventory Madison K. Graham, M.S.**, Jeffrey P. Staab, M.D., and Devin L. McCaslin, Ph.D.
3:00 – 3:20 PM	Comparison of Balance Screening Tools in Normal and Hearing-Impaired Children Melissa Newell, Au.D.* and Kelsey Baney†
3:20 – 3:35 PM	BREAK
	Assessment & Diagnostics Session, Part 2 Moderator: Belinda Sinks, Au.D.
3:35 – 3:55 PM	The computerized rotational head impulse test: Test-retest reliability Alex Kiderman, Ph.D.*, Roxanne Look† and Barbara Heinze, Ph.D.

3:55 – 4:15 PM	A New Paradigm in Assessing Postural Stability Talah Wafa, Au.D., Ph.D.*, Carmen Brewer, Ph.D., Christopher Zalewski, Ph.D., Matthew Bakke, Ph.D., Chizuko Tamaki, Au.D., Ph.D., Dragana Barak-Cikoja, Ph.D.
4:15 – 4:35 PM	Statistical detection of cervical vestibular evoked myogenic potentials: effects of stimulus level Daniel J. Romero, Au.D.**†, Christopher Clinard, Ph.D., and Erin G. Piker, Au.D., Ph.D.
4:35 – 4:55 PM	Effect of Artifacts on the Video Head Impulse Test Results Kamran Barin, Ph.D.*
4:55 – 5:00 PM	Wrap up, Announcements
5:00 – 6:00 PM	Posters Time to visit Exhibitors/Vendors Refreshments

Access to Presenter Handouts:



List of Exhibitors:

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

KEZLEX (Ono & Co.) (<https://www.kezlex.com/en/>)

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

*Presenter

**Student Presenter

† Student Co-Author

POSTER SESSION March 3, 2020 (Tuesday)

1. *Test-Retest Reliability of the Dizziness Symptom Profile (DSP)*
Renee Landon-Lane**, Gary Jacobson Ph.D., Erin Piker Au.D., Ph.D, and Kelsey Hatton, Au.D.
2. *Stimulus Comparison for Cervical Vestibular Evoked Myogenic Potentials (cVEMP): Tone burst vs. chirp*
Patricia Gaffney, Au.D.*, Jackie Davie, Ph.D.
3. *Does Vestibular Evoked Myogenic Potentials Affect Otoacoustic Emissions?*
Patricia Gaffney, Au.D.*, and Jackie Davie, Ph.D.
4. *Videonystagmography Results on Children with Spina Bifida*
Lara Gingerich, Au.D.*, Anne Byrne, N.P., Amanda Mravec, Au.D., Christina Sauder, M.S., Patrick McKenna, M.D., Colin Grove, P.T., D.P.T., and Sara Misurelli, Ph.D., Au.D.
5. *Factor Analysis of the English Translation of the Neuropsychological Vertigo Inventory (NVI)*
Kelsey Hatton, Au.D.*, Gary Jacobson, Ph.D., Erin Piker Au.D., Ph.D., and Richard Roberts Ph.D.
6. *Interdisciplinary Peer to Peer Pilot Program Addressing Concussion and Post-Concussion Symptoms in Collegiate Athletes*
Payton Burke**, Bre Myers, Au.D. and Karen Hason, Ph.D.
7. *The Component Structure of the Dizziness Handicap Inventory (DHI): A Reappraisal*
Kelly Van De Wyngaerde*, Minji Lee, Gary Jacobson, Ph.D., Kalyan Pasupathy, Santiago Romero-Brufau, and Devin McCaslin, Ph.D.
8. *Factors Influencing the Severity of Injury from Falls in the Developmentally Disabled Adult Population – A 3 Year Follow-Up Analysis*
Nina Thomas, M.S., Steven Doettl, Au.D.*, Kandy Turner, M.S., and Patrick Plyler, Ph.D.
9. *Magnetic Vestibular Stimulation Using a 7-Tesla MRI Scanner: A Potential Method to Understand Central Nervous System Compensation*
Madison Graham**, Andrew Fagan, Ph.D. and Devin L. McCaslin, Ph.D.

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POSTER SESSION (cont'd) March 3, 2020 (Tuesday)

10. Effects of Lower Body Position on Subjective Symptoms during Monothermal Caloric Testing

Anastasia V. Chobany**, Jordan D. Hennessee**, and Bre L. Myers, Au.D., Ph.D.

11. Comparison of pro- and antisaccade performance in healthy and concussed adults: a saccodometry pilot study

Shelly Massingale, P.T., M.P.T.*, Amy Alexander, P.T., Richard Gerkin, M.D., Elizabeth McQueary, O.T.R./L., Michelle Petrak, Au.D., Ph.D., and Jamie Pardini, Ph.D.

12. Vestibular Rehabilitation in patient who sustained bilateral vestibulo-cochlear damage due to lightning strike

Joyce Chadderdon P.T., D.P.T.*

13. Clinical Assessment of Vestibular Functions in Children: A Scoping Review

Stefanie Bodison, O.T.D., O.T.R./L.*, Patricia Gaffney, Au.D.

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March 4, 2020 (Wednesday)

7:00 – 8:00 AM	Registration
8:00 – 8:10 AM	Welcome – Kristen Janky, PhD, ABS President
	Panel Discussion Moderator: Paige Brandsdorfer, B.S.
8:10 – 9:20 AM	The State of Vestibular/Balance Training across the Disciplines Susan Whitney, D.P.T., Ph.D., Jorge González, Ph.D., and Habib Rizk, M.D. (in absentia)
	Vestibular Rehabilitation & Postural Control Session Moderator: Colleen Sheahan, Au.D.
9:20 – 9:40 AM	Somatosensory Feedback and Balance in Women with Patellofemoral Pain Angela Smalley, Ph.D., Scott White, Ph.D. and Robert Burkard, Ph.D.*
9:40 – 10:00 AM	Vestibular-Visual Rehabilitation Gaye Cronin, O.T.D.*
10:00 – 10:20 AM	Characterization of mechanisms contributing to dynamic balance control during gait Robert J. Peterka, Ph.D.*, Apollonia Gruber-Fox, Ph.D., and Paige K. Heeke, Au.D.
10:20 – 10:35 AM	BREAK
	VOR and Ocular Motility Session Moderator: Jamie Bogle, Ph.D.
10:35 – 10:55 AM	Quantifying the VOR in patients with SCA7: More a Mystery than a Measure Chris Zalewski, Ph.D.*, Larissa Huryn, M.D., Jennifer Chisholm, Au.D., and Carmen Brewer, Ph.D.
10:55 – 11:15 AM	Gaze Stability in the elite athlete: Testing to Treatment Shelly Massingale, P.T., M.P.T.*, Amy Alexander, P.T., Richard Gerkin, M.D., Charles Leddon, A.T.-C., Ph.D., Elizabeth McQueary, O.T.R./L., Richard Allred, Jamie Pardini, Ph.D.
11:15 – 11:35 AM	Gaze Stability with Exertion: Potential for a Physiologic Marker of Recovery after Sport Related Concussion Amy Alexander, P.T.*, Shelly Massingale, P.T., M.P.T.; Nicholas Hattrup, A.T.-C.; and Jamie Pardini, Ph.D.

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11:35 – 11:55 AM	Effects of Linear-Accelerated Bone-Conducted Stimuli, Multi-Electrode Recording Arrays, Side-of-Face, and Stimulus Frequency on Ocular Vestibular Evoked Myogenic Potentials Dayna Bourquet [†] , Ashley Pudelek [†] and Anthony T. Cacace, Ph.D.*
11:55 – 1:30 PM	Lunch Time to visit Exhibitor/Vendors Board of Directors Meeting
1:30 – 2:00 PM	Members' Business Meeting
	Challenging / Interesting Clinical Cases Session Moderator: Shelly Massingale, P.T., M.P.T.
2:00 – 3:00 PM	Panel Discussion Susan Whitney, D.P.T., Ph.D., Michael J. A. Robb, M.D., Sara Jagger, Au.D.
3:00 – 3:10 PM	BREAK
	Patient Management Session Moderator: Chris Zalewski, Ph.D.
3:10 – 3:30 PM	Variations in Vestibular and Motor Functions in Children with Similar Patterns of Unilateral Sensorineural Hearing Loss Stefanie Bodison, O.T.D., O.T.R./L.*, Ryan Cabeen, Ph.D.; Courtney Voelker, M.D., Ph.D., Arthur Toga, Ph.D.
3:30 – 3:50 PM	Whatever Happened to Vestibular Reimbursement? Alan Desmond, Au.D.*
3:50 – 4:10 PM	Balancing Fall Related Merit-Based Incentive Payment Systems (MIPS) in the Audiology Clinic: A Prospective Pilot Study Alaina Bassett, Au.D., Ph.D.*, Julie A. Honaker, Ph.D. and Sherri M. Jones, Ph.D.
4:10 – 4:30 PM	Use of an informal multidisciplinary team approach to manage a complicated case. Thomas E. Boismier, M.P.H.* and Andrew Perkins, D.P.T.
4:30 – 4:50 PM	A Model for an Interprofessional Fall Prevention Clinic Patricia Gaffney, Au.D.*
4:50 – 5:10 PM	Diagnostic Findings and Appointment Patterns for Internally Referred Patients with Dizziness in a Tertiary Medical Center Adam Goulson, Au.D.*, Sarah Yeakel, M.H.A., M.B.A. and Devin McCaslin, Ph.D.
5:10 – 5:25 PM	Thanks! Program Evaluation

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