



Saturday, August 3, 2019

Breakout Session A3 • 10:45-11:45am • Grand Ballroom D/E

Motor Skills, Balance, and Physical Activity in Children with CHARGE syndrome

Pamela Haibach-Beach, SUNY College at Brockport

Lauren Lieberman, SUNY College at Brockport

Melanie Perreault, SUNY College at Brockport

Elizabeth Foster, PhD Cal Poly Pomona

Presenter Information

Dr. Pamela Haibach-Beach is a Professor in the Kinesiology Department at the State University of New York College at Brockport. She is also a Co-founder and Co-director of the Institute on Movement Studies for Individuals with Visual Impairments (IMSVI). Dr. Haibach-Beach regularly publishes and presents nationally and internationally on her research in motor development, balance, and interventions in all ages with a focus on CHARGE Syndrome and visual impairments. She has published two editions of the textbook "Motor Learning and Development" which has been widely adopted as well as Gross motor development curriculum for children with Visual Impairments. She serves on the American Kinesiology Association Board and is an active Brockport Lions Club member. Dr. Haibach-Beach is also a recent Chancellor's Award for Excellence in Teaching and Roland Fontaine's Student-Engagement Award recipient.

Lauren J. Lieberman Ph.D. is a Distinguished Service Professor in the Kinesiology Department of The College at Brockport, State University of New York (SUNY). She earned her undergraduate degree from West Chester University in Pennsylvania, her Masters degree at The University of Wisconsin at LaCrosse, and her Ph.D. at Oregon State University in Movement Studies in Disability. She taught in the Deafblind program and coached three sports at The Perkins School for the Blind. She teaches undergraduate and graduate courses in Adapted Physical Education. She co-directs The Institute on Movement Studies for Individuals with Visual Impairments (IMSVI) at The College at Brockport. She is the founder and director of Camp Abilities: An educational sports camp for children with visual impairments. Camp Abilities has been replicated in 19 states and eight countries. She has published over 125 peer-reviewed articles and published 18 books related to inclusion and on physical activity and sport for children with visual impairments and deafblindness. She has delivered Keynote presentations and was an invited guest speaker all over the US and in China, Israel, Sweden, Ireland, Bermuda, Scotland, Brazil, Turkey, Hungary, Ghana, and Canada. She consults with The American Printing House for the Blind developing products related to physical education, sport and recreation, and presenting for the National Information Partnership (NIP) program. She won an Access Award from AFB for starting Camp Abilities and helping to start camps all over the world, a Professional of the Year Award from The Society for Health and Physical Education (Adapted Physical Education Committee), and a Research Award from the National Consortium for Physical Education and Recreation for Individuals with Disabilities. She is a Research Fellow with the International Federation of Adapted Physical Activity, and won a volunteer service award from The CHARGE Syndrome Family Foundation. This past year she won a Points of Light Award for her work with Camp Abilities from the US Government. Camp Abilities has been featured on CNN, HBO Real Sports, and

on NBC. Most recently she has been awarded a Global Fulbright Scholarship to promote Camp Abilities world wide for Fall of 2019.

Melanie Perreault is an Assistant Professor at The College at Brockport in the Department of Kinesiology, Sport Studies and Physical Education. She is the communications director for the Institute on Movement Studies for Individuals with Visual Impairments.

Dr. Elizabeth (Beth) Foster, Ph. D. is an assistant professor at Cal Poly Pomona in adapted physical education (APE). She is the APE program coordinator and Motor Development Clinic Director at Cal Poly Pomona. She is currently the assistant director for Camp Abilities in Pennsylvania. Dr. Foster has presented research and various application based presentations on vision loss and deafblindness across the US within the field of adapted sports and APE. She completed intervener training at the Minnesota Deafblind Project. Dr. Foster was named the 2012 Pennsylvania State Association for Health, Physical Education, Recreation, and Dance Adapted Physical Education teacher of the year. In addition, Dr. Foster has been involved with various adapted sport organizations and disability organizations promoting physical activities, fitness, and adapted sports for all individuals with disabilities. She has presented internationally and at national conferences on deafblindness and has conducted research projects within

Presentation Abstract

The findings from CHARGE conference in 2017 were that the children with CHARGE Syndrome had deficits in motor skills, particularly running and throwing. They also had difficulty with many of the balance tasks both static and dynamic. Increasing these motor skills will likely increase motor competence for physical activity participation. These fundamental motor skills if not addressed at a young age will likely result in decreased quality of life in adulthood. With some careful and planned interventions these deficits can be remediated, improving the ability desire to be physically active and increasing their movement independence. Attendees will walk away with a better understanding of the importance of physical activity and the acquisition of motor skills as well as practical activities to promote motor competence in individuals with CHARGE Syndrome. They will also learn about new resources and programs that promotes physical activity for individuals with visual impairment or deafblindness.

Learning Objectives

- Provide parents of children with CHARGE syndrome an understanding of balance and fundamental motor skills in children with CHARGE.
- Provide strategies that the parents, educators, and therapists can implement at home to improve upon the weak areas.
- Provide additional resources that can be utilized at home or with their physical education teacher and other multidisciplinary team members to increase their motor skill performance.