

# 2019



**PrairieHeart**  
**MOBILITY**  
People First

## Education Day & Trade Show

**Tuesday September 17th, 2019 at Queensbury Convention Center**  
(Evraz Place, 1700 Elphinstone Street)

### Products displayed by these industry leaders:

• Arjo Canada • Australian Sheepskin Apparel • Bruno Independent Living Aids • Can Dan Rehatec • Carfit  
• Drive Devillbliss Healthcare • Dynamic Healthcare • East-West Medical (Ride Seating) • Easy Stand  
• Eclipse Medical • Evolution • Golden Technologies Canada • Harbour Landing Village • Human Care Canada  
• Invacare • Ki Mobility • Maple Leaf Wheelchairs • Nighthawk / Artisan • Omeo Wheelchairs • Parsons ADL •  
Permobil Canada – Tilite – ROHO- Rifton • Physipro • Queen Victoria Estate • Saskatchewan Abilities Council •  
Stander • Sunrise Medical • Vitacare Medical – Star Cushion • Westech Health Care Ltd • VMI Vantage  
Mobility International

### At a glance:

7:45 am – 8:15 am Registration and Continental Breakfast

8:15 am – 8:20 am Opening Remarks

8:20 am – 9:20 am **SESSION ONE**

**A: Brenlee Mogul-Rotman** A Beginner's Guide to Power Wheelchair Technology

**B: Shelley McGrath** Putting the Right Sling between your client and their lift!

9:20 am – 9:50 am Refreshment Break and Tradeshow viewing

9:50: am – 10:50 am **SESSION TWO**

**A: Jessica Pedersen** - Clinical evidence in supporting spinal curves in wheelchair seating

**B: Olivia Tefera** - Maximizing Propulsion Efficiency

10:50 am – 12:20 pm Lunch served and Trade Show viewing

12:20 pm – 1:20 pm **SESSION THREE**

**A: Sheila Buck** - Clinical Justification for Manual Wheelchair Power Add-On Devices (**sponsored by 49Bespoke**)

**B: Kathy Fisher** - Powered Seating as an integral part of Seating

1:20 pm – 2:20 pm **SESSION FOUR**

**A: Brenlee Mogul-Rotman** - Material Matters: The substance and design of custom manual wheelchairs

**B: Sheilagh Sherman** – Preventing Sliding in Seated Mobility

2:20 – 3:00pm Tradeshow Refreshment Break and Trade Show viewing

3:00 pm – 4:00 pm **Keynote:** Jessica Pedersen OTD, MBA, OTR/L, ATP/SMS, FAOTA  
LEAVING ON A JET PLANE

Will focus specifically on individuals who use a wheelchair and are interested in airline travel. The airline travel process will include making a reservation, navigating the airport and security, boarding the aircraft, sitting on the aircraft seat, and stowage of the wheelchair. (**Sponsored in part by Invacare Canada**)



**Closing Comments**

To register please email: [heather@phmobility.com](mailto:heather@phmobility.com)

## OUR SPEAKERS



Olivia Tefera, PT, DPT joins Motion Composites' Clinical Education team with specialty DME, CRT, and SCI physical therapy experience. Committed to patient centered care, Olivia worked to preserve the independence, dignity, and quality of life of paralyzed veterans in the South Texas Veterans Health Care System. At the VA's spinal cord injury center, she was able to meet the complex mobility needs of her patients with industry leading technology. She went on to share her passion with therapists, dealers, and end users across a three-state territory. She served as a sales representative for the most innovative manufacturers on the market, including Motion Composites. She earned her Bachelor of Science in Biology from Baylor University in Waco, Texas and her Doctor of Physical Therapy from Bellarmine University in Louisville, Kentucky. Olivia shares the same passion for mobility as her colleagues on the Motion Composites Clinical Education Team. She is excited to provide clinical support and educational opportunities throughout North America.

### **Maximizing Propulsion Efficiency** (.15 CEU, 1.5 Contact Hours)

This presentation will review important upper extremity research, discuss the importance of propulsion technique and wheelchair configuration, and discuss how the construction and design of the wheelchair frame can contribute to better efficiency. The goal is to maximize function and help clients maintain quality of life.



Brenlee is an occupational therapist and ATP/SMS and is currently the National Clinical Education Manager for Permobil Canada. She is a member of the OSOT(Ontario Society of Occupational Therapists) Seating and Mobility Team, a Board member of the Canadian Spinal Research Organization and a past member of the Professional Standards Board of RESNA. Brenlee has presented at the International Seating Symposium, Canadian Seating & Mobility Conference, RESNA and other related events

Material Matters: The substance and design of custom manual wheelchairs

### **Session Overview:**

The materials used in seating and mobility equipment are sophisticated and varied, and the composition of this equipment has a direct impact on the patients' health, functional performance, physical experience, and overall quality of life. Clinical decision making should include a more in depth understanding of the materials that make up the equipment selected. This session will address how materials are designed, used and combined in manual wheelchairs. Materials such as plastics, steel, aluminum, titanium, and carbon fiber will be reviewed, with an emphasis on the complexities and variations that exist within these deceptively general material descriptions. By the end of the course, clinicians and providers will have an improved ability to recognize different materials associated with individually configured ultra-light weight manual wheelchair design and be able to discuss significant advantages and disadvantages of each material.

### **Session Overview:**

This one-hour course is intended to facilitate clinicians and equipment suppliers' understanding of how to be successful in the provision of power wheelchair (PWC) complex rehabilitation technology. In many settings, where time and resources are limited, the potential exists to overlook clients who may need solutions that are more than what basic equipment can solve. This course is intended to promote best-practice PWC application for successful clinical outcomes using today's technology.

This session will utilize clinical examples to assist the clinical decision-making process about who needs more complex equipment, how outcomes can be improved, and how to navigate the provision landscape. Upon completion of this course, clinicians will have a better understanding of how to initiate referrals and recommend power wheelchair technology to optimize client outcomes.



Sheila Buck is an Occupational Therapist and owner of her Seating and Mobility Consulting company Therapy NOW in Ontario, Canada. Sheila has spoken extensively in Ireland, Norway, New Zealand, and North America on Seating and Mobility concepts for the very young to the very old. Her audiences have included but are not limited to Physio and Occupational Therapists, nurses, doctors, case managers, DME vendors and manufacturers of seating and mobility products. Her extensive knowledge related to the provision of assistive technology for mobility is reflected in her book, "More Than 4 Wheels: Applying clinical practice to seating, mobility and assistive technology. 3<sup>rd</sup> edition". This excellent clinical guide is currently being used as a learning tool around the world with over 1200 copies sold. Sheila is also a contributing author in the recently published "Seating and Wheeled Mobility: A Clinical Resource Guide". Sheila is known for her dynamic sessions which are enhanced by demonstrations of practical suggestions, as well as her compassion for her clients and advancing her learning and skills to those she works with.

### **Powering up!**

#### Clinical Justification for Manual Wheelchair Power Add-On Devices

Looking beyond a manual wheelchair user's daily traditional essential mobility of arm propulsion with potential repetitive strain injuries, is an exciting area of functional access to everyday living. By considering power add-on devices, we can focus on the wheelchair user's whole life productivity, self-care and leisure activities. This can enhance not only their life but that of those within their social network by allowing for increased inclusion in more activities beyond the home. We will review how to take the manual wheelchair prescription beyond its typical four wheels to significantly impact a user's quality of life and function. Although focusing on daily essential mobility is crucial to independence, function, comfort and safety; expanding your perspective of power add-on use to meet a wider scope of the client's goals can significantly impact your client's quality of life.



Shelley McGrath Bsc OT, CAPS is an Educator for Ki Mobility Canada with over 25 years of industry experience. She has worked as a sales consultant in Toronto and surrounding area providing expertise in seating and mobility and in later years' specialization in safe patient handling and home modifications. Shelley joined the team at Ki Mobility Canada in 2014 and enjoys collaborating with clinicians to ensure the right solution is provided for every client, simple to complex.

#### Putting the Right Sling between your client and their lift!

In this training session, we will look at understanding different sling designs and styles. We will discuss the advantages and limitations of each style and look at various disabilities and associated conditions that they are suitable for. During the session, we will discuss the fabrics available for the various sling ranges and sizing. Lastly, we will discuss possible custom modifications available when your client doesn't fit the standard configuration.



**Sheilagh Sherman, OT Reg. (Ont.),** joined Sunrise Medical Canada in 2010 as our full-time Clinical Educator. Prior to joining Sunrise, Sheilagh gained extensive clinical experience from working in a variety of settings, including in-patient rehabilitation, complex continuing care, and community rehabilitation. As Clinical Educator, Sheilagh is a clinical resource for therapists across Canada involved in seating and mobility. She teaches in-services and leads workshops and seminars on the clinical aspects of seating and mobility.

Learn how to understand and address the cause, rather than the symptom, of a client sliding from a wheelchair. Find out how generic seating selection, possible modifications, and wheelchair configuration can work together to address sliding.



Jessica Pedersen, OTD, MBA, OTR/L, ATP/SMS, FAOTA

Jessica has 40 years of experience as an occupational therapist and wheelchair/seating practitioner. She now works as a researcher at the Shirley Ryan AbilityLab. She is an assistant professor at Northwestern University and adjunct professor at the University of Illinois Chicago. She is part of the RESNA Assistive Technology for Air Travel Standards Committee. She also has a private practice where she provides seating consultations and presentations for pre-service and post-service continuing education as well as product development

Does a back support make a difference for people with a C6-T4 SCI? The intervention of back supports for people with spinal cord injury began in the 1980s. Since that time, many products were introduced to provide posterior support at the pelvic and sacral area in an effort to reduce a posterior pelvic tilt and promote an upright spine. Does a back support, placed in an optimal position to prevent a posterior pelvic tilt, make a significant difference compared to a soft support that does not capture the spinal curves? What outcomes make a statistical significance? This study looked at the ability to maintain spinal alignment, spirometry outcomes, reach, pain, and wheelchair skills with a person using a K5 wheelchair with and without a back support. This presentation will demonstrate how a clinician can gather evidence in the clinic to demonstrate any physical or functional changes with a back support intervention. This data can help in clinical decision making as well as provide data to support reimbursement to third party payers questioning the expense. Participants will learn the process for incorporating research into a clinical setting.



Kathy Fisher

With a background in Occupational Therapy Kathy has worked as an Assistive Technology Supplier and clinical educator and is now Clinical Business Development Manager at Invacare Canada. Kathy has been involved in the provision of high technology rehabilitation equipment with clients in a variety of diagnostic categories. Kathy has presented internationally at a variety of conferences including the Canadian Seating and Mobility Conference, Healthcare Innovations, RESNA, Medtrade, International Seating Symposium and European Seating Symposium.

#### Considering Power Dynamic Positioning as an Essential Part of the Seating System

Cushions and backs are key components of a seating system to both offer clients a stable base to allow mobility and to promote optimal positioning for function and skin protection. Is seating effective when in a static position? Often seating components in a static position cannot relieve pain, reduce negative effects of gravity or effectively redistribute pressure. Bodies are designed to move therefore we must consider seating and mobility systems that will allow for position change. This presentation will address power dynamic positioning features as an essential part of the seating system. Using case examples we will discuss clinical justification to illustrate positive positioning outcomes.