

ABTA CONFERENCE 2020

**BOBATH CONCEPT –
LOCOMOTION**



Conference Program

Main Conference

Sunday 9th February: 8:45 – 5pm

Venue: Charles La Trobe lecture theatre,
Royal Melbourne Hospital

Pre-Conference Workshops

Saturday 8th February: 12:30 – 5pm

Venue: Physiotherapy Department,
St Vincent's Hospital

Welcome Cocktail Party

Saturday 8th February: 7 – 11pm

Venue: Edinburgh Gardens Community Centre
North Fitzroy

*Early Bird Extended to
Tuesday 24th December!*

Invited Speakers

Dr Julie Vaughan Graham

Post-Doctoral Fellow Department of Physical Therapy, University of Toronto
Neurological Physiotherapist;
Physio-Logic Rehabilitation Services
Advanced IBITA Instructor

Julie graduated from St. Thomas' Hospital, London, England in 1986 and has worked in the area of neurorehabilitation since 1988. Julie emigrated to Toronto in 1991, initially taking a position at Lyndhurst, Spinal Cord Injury Centre, and then later opening her own private community neurorehabilitation practice, Physio-Logic, in Toronto in 1993. Julie is an Advanced IBITA instructor, and instructs post-graduate clinical Bobath courses across Canada and internationally.

Julie completed her MSc in Neurological Rehabilitation at Leeds Metropolitan University, UK in 2010, and her doctoral studies at the Rehabilitation Sciences Institute, University of Toronto in 2016.

Julie's post-doctorate training is with the ReLearn Lab, Department of Physical Therapy, University of Toronto and Mobility Team, University Health Network-Toronto Rehabilitation Institute. She also holds an adjunct lecturer appointment with the Department of Physical Therapy, University of Toronto.



Professor Mary Galea

Professor Mary Galea, AM, BAppSc (Physio), BA, PhD, is a physiotherapist and neuroscientist whose research program includes both laboratory-based and clinical projects with the overall theme of control of voluntary movement by the brain, and factors that promote recovery following nervous system damage. Professor Galea is Professorial Fellow in the Department of Medicine (Royal Melbourne Hospital) at the University of Melbourne, and previously Foundation Professor of Clinical Physiotherapy at the University of Melbourne and Austin Health. Her current research program is concerned with the use of technology to drive recovery after stroke and spinal cord injury, and wearable sensors to measure rehabilitation outcomes.



Simon Mills

Simon Mills is Physiotherapy Principal Clinician for the South Australian Brain Injury Rehabilitation Service and is undertaking a PhD at The University of Adelaide. His primary research interests are improving outcomes after very severe brain injury, including biomechanical analysis, effectiveness of therapy, and revising methods for assessment. People getting knocked back for rehab and written off after severe brain injury drives him nuts.



Program

8.30	Registration	
9.00	Welcome	
9.15	Recovery of Locomotion: Integrating postural control and rhythmic stepping – the Bobath concept	Dr Julie Vaughan Graham
10.15	Case Presentation 1	ABTA
10.30	Morning tea	
11.00	Does postural alignment matter for recovering mobility after acquired brain injury? – a biomechanical study	Simon Mills
11.45	Clinical Presentation 2	ABTA
12.00	Website launch	ABTA
12.15	Lunch	
1.15	Propriospinal neurons and their role in recovery from injury	Professor Mary Galea
2.15	Clinical presentation 3	ABTA

2.30	Panel discussion	
2.50	Afternoon tea	
3.20	Understanding sit to stand and stand to sit: clinical and neuroscience perspectives	Dr Julie Vaughan Graham
4.00	New directions in neurorehabilitation research – new opportunities for the Bobath concept?	Dr Kim Brock
4.40	Discussion	
5.00	Close	

Pre-Conference Workshops

Workshop 1: Alena Scurrah, ABTA

Theoretical and practical exploration of the role of the hip and pelvis in locomotion encompassing biomechanics, muscle activation and sensory contributions.

Addressing questions such as:

- when and in what direction does the pelvis move?
- what muscles should turn on in which phase?
- how do the stance phase and swing phases interrelate?
- how do I train gait specific activation of the hip/pelvis with my patients?'

Workshop 2: Janet Stevens, ABTA

The role of the foot in locomotion.

Spend 2 hours exploring these two little bundles of muscle and bone at the end of our lower extremities that we pack away in shoes all day

As this will be a practical workshop, please wear comfortable practical gear, and come prepared to bare your feet.

Workshop 3: Kim Brock, ABTA

The early stroke patient

How should we treat the severe stroke patient in the first 7 days after stroke? The AVERT trial has shown that being mobilised often at this early phase results in poorer outcomes in people with severe stroke. This session explores therapy aimed at maintaining body schema and co-ordinating activation of muscles on both sides of the body, while minimising effort and antigravity demand.

Workshop 4: Shauna Picard

The perceptual patient

Following a neuroscience theory component on sensory & perceptual processing, we will explore how we can optimally integrate such information in a variety of functional tasks. We will develop clinical insights & strategies to apply to a range of movement dysfunction.

Workshops will be conducted concurrently. The first session runs between 12.30 and 2.30. There is an afternoon tea break from 2.30 to 3.00. The second session runs between 3.00 and 5.00. Conference participants can choose 2 workshops.



Welcome Cocktail Party

Saturday 8th February: 7 – 11pm

Venue: Edinburgh Gardens Community Centre
North Fitzroy

The venue of our cocktail party is a short ride away from the workshop venue on the Number 11 tram.

Registration

Conference 2 Workshops Cocktail party	\$425 (\$385 before Dec 20)
Conference 2 Workshops	\$340 (\$300 before Dec 20)
Conference Cocktail Party	\$325 (\$285 before Dec 20)
Conference only	\$240 (\$200 before Dec 20)
Cocktail party only	\$85

**To register for the conference, visit trybooking
by clicking here**

<https://www.trybooking.com/BFSRO>