

PROGRAM

13th Annual G.F. Strong Rehab Research Day May 25, 2022

*Register for this year's event to receive the Zoom Link to attend: [Registration link](#).

12:00 **Welcome**
Dr. Rajiv Reebye

12:10 **Keynote Address**
Zoom link: available to registrants*

Technology and Network Systems Medicine: impact on neurorehabilitation and Physical Medicine & Rehabilitation

Dr. Franco Molteni.

Director of Valduce Hospital Physical Medicine and Rehabilitation Department, "Villa Beretta" Rehab Centre, Italy. | Senior Research Associated of the Institute of Intelligent Industrial Systems and Technologies for Advanced Manufacturing, Italian National Research Council

1:20 **Poster & Networking Session****

Hosted on Gather.Town

Link will be sent out to registrants and provided in the Zoom chat during the event.

Visit the [Gather.Town conference demo](#) to familiarize yourself and explore how this platform works. If you don't already have an account, you can create one before the day for easier access on May 25th.

2:10 **Trainee Oral Presentations: Session 1**
Moderator: Dr. William B. Mortenson | Zoom link: available to registrants*

Chloe Haldane. *Role of Physical Medicine and Rehabilitation in Post-COVID Lung Transplantation: A Case Series.* UBC Division of PM&R. Supervisor: Dr. Rajiv Reebye.

Marisa Lin. *Implementing coordinated physical activity coaching: barriers and facilitators identified by Physiotherapists and Spinal Cord Injury BC peer coaches.* UBC Faculty of Kinesiology. Supervisor: Dr. Jasmin K. Ma.

Claire Shackleton. *Lets Talk About Sex: Effects of Epidural Spinal Cord Stimulation on Sexual Function in Individuals with Spinal Cord Injury.* UBC Division of PM&R. Supervisor: Dr. Andrei Krassioukov.



Heather Hong. *Ambulation - A Web-Based Knowledge Translation Tool for Independent Walking Prediction after Traumatic Spinal Cord Injury.* Praxis Spinal Cord Institute. Supervisor: Dr. Vanessa Noonan.

Paul Adamiak. *Trends in provision of mobility assist devices post traumatic spinal cord injury in Canada.* UBC Division of PM&R. Supervisor: Dr. Andrea Townson.

3:00 Trainee Oral Presentations: Session 2

Moderator: Dr. Jennifer Yao | Zoom link: available to registrants*

Kiarah O'Kane. *Development of Therapeutic Alliance and Social Presence in a Digital Mindfulness-Based Intervention for Adolescents with Concussion.* UBC Department of Psychology. Supervisor: Dr. Molly Cairncross.

Mathilde Rioux. *Graded exposure therapy for adults with persistent post-concussion symptoms: A historical controlled trial.* UBC Department of Psychology. Supervisor: Dr. Noah Silverberg.

Sahil Chawla. *Association between DASH and shoulder muscle strength in upper trunk and pan-plexus brachial plexus injuries.* UBC Faculty of Medicine. Supervisor: Dr. Michael J Berger.

Farzad Ravari. *Effect of Isometric and Isotonic Exercise on Total Knee Arthroplasty Outcome Systematic Review and Meta-Analysis.* UBC Graduate Program in Rehabilitation Sciences. Supervisor: Dr. William C. Miller and Dr. Brodie Sakakibara

Ronan Denyer. *DeepLabCut provides reliable kinematic data across a diverse array of tasks in young healthy and chronic stroke populations.* UBC Department of Physical Therapy. Supervisor: Dr. Lara Boyd.

3:50 Closing remarks

Awards for trainee presenters

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**Poster Presentations

Presenter	Title	Supervisor
01 Pegah Derakhshan	<i>Evaluation of the Quality of Current COVID-19 Resources Developed for Individuals with Spinal Cord Injuries</i>	Dr. Bill Miller & Dr. William B. Mortenson
02 Murveena Jeawon	<i>Predicting life satisfaction among person with incomplete spinal cord injury who can ambulate</i>	Dr. William B. Mortenson
03 Laura McCracken	<i>The quality and availability of current breastfeeding guidelines for mothers with spinal cord injury: a narrative review</i>	Dr. Andrei Krassioukov
04 Liza Roik	<i>Time commitment and perceived difficulty of cleaning catheters for re-use among adults with spinal cord injury</i>	Dr. Andrei Krassioukov
05 Tiev Miller	<i>Dance first, think later: A case-series on the cardiometabolic demands and psychosocial effects of wheelchair dancing in people with spinal cord injury</i>	Dr. Andrei Krassioukov
06 Kawami Cao	<i>The Long-Term Effect of Cervical Transcutaneous Spinal Cord Stimulation on Cardiovascular Regulation in Chronic Cervical Spinal Cord Injury: A Case Study</i>	Dr. Andrei Krassioukov
07 Ali Hosseinzadeh	<i>Effect of Fixed ratio Oxycodone/Naloxone (Targin) on Pain and Constipation Control in an Individual With Chronic Spinal Cord Injury: A Case Report</i>	Dr. Andrei Krassioukov
08 Eric McGinn	<i>Adaptation of Physiological Arousal and Step Symmetry During a Split-Belt Walking Paradigm</i>	Dr. Courtney Pollock
09 Nathan Chen	<i>Access to neurorehabilitation interdisciplinary outpatient programs in British Columbia</i>	Dr. Paul Winston
10 Lee Bauer	<i>Ultrasonographic Evaluation of Muscle Quality after Anterior Interosseous to Ulnar Nerve Transfer for Chronic Cubital Tunnel Syndrome</i>	Dr. Michael Berger
11 Emmanuel Ogalo	<i>Ultrasound Evaluation of Critical Forearm Muscles Involved in Grasp Function</i>	Dr. Michael Berger
12 Fraser MacRae	<i>Assessing the Usefulness of Electrodiagnosis in Patients with Complex Regional Pain Syndrome: Informing Diagnosis and Management</i>	Dr. Paul Winston



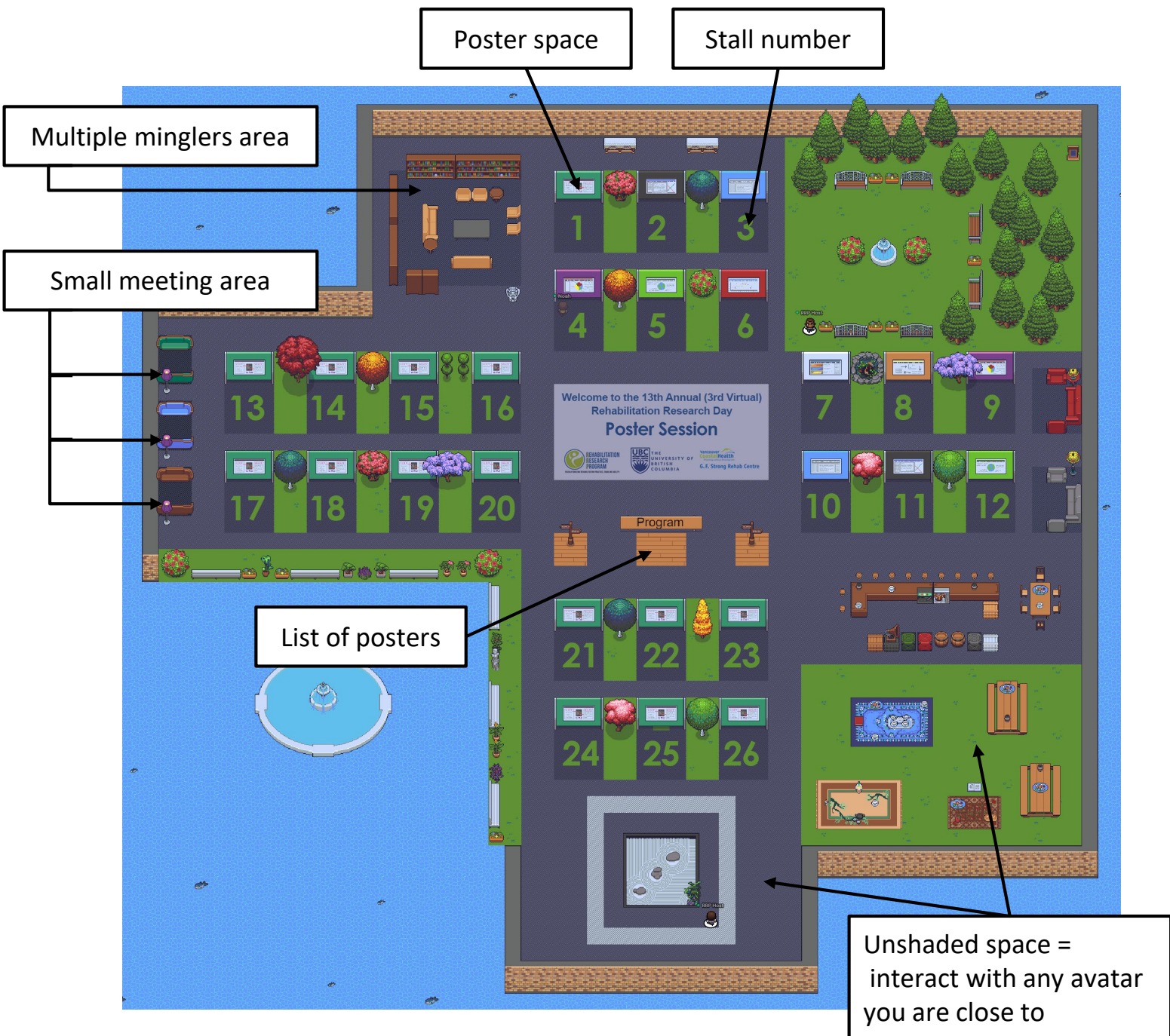
13 Farris Kassam	<i>Canadian Physicians' Use of Perioperative Botulinum Toxin Injections to Spastic Limbs: A Cross-sectional National Survey</i>	Dr. Rajiv Reebye
14 Fraser MacRae	<i>Cryoneurolysis of the femoral nerve for the treatment of focal spasticity in two ambulatory patients</i>	Dr. Paul Winston
15 Aidan Pye	<i>Patient perspectives on interdisciplinary peripheral nerve trauma care</i>	Dr. Mike Berger
16 Edwina Picon	<i>Subjective Memory Problems After Concussion</i>	Dr. Noah Silverberg
17 Grewal Jasleen	<i>Priorities For Quality Of Life After TBI</i>	Dr. Julia Schmidt
18 Rinni Mamman	<i>Living in a reshaped reality: Exploring social participation and self-identity after TBI</i>	Dr. Julia Schmidt
19 Rebecca Tsow	<i>Enabling Meaning after Brain injury through Acceptance and Resiliency Construction (EMBARC)</i>	Dr. Julia Schmidt
20 Niloufar Benam	<i>Exploring loneliness during the COVID-19 pandemic in the elderly and disability population</i>	Dr. Julia Schmidt
21 Mark Grasdahl	<i>The microbiological and physical properties of catheters for intermittent catheterization: A systematic review on the impact of reuse and cleaning</i>	Dr. Andrei Krassioukov
22 Katharina Raschdorf	<i>Validating the Accuracy of a Fully Implantable Optical Sensor for Monitoring Spinal Cord Hemodynamics and Oxygenation</i>	Dr. Brian Kwon & Dr. Babak Shadgan
23 Ali Hosseinzadeh	<i>Who writes this stuff: A scoping review on the quality of web-based information for spinal cord stimulation</i>	Dr. Andrei Krassioukov
24 Tahmineh Mousavi	<i>Enhancing Emotions Capability: The Role of Occupational Therapy in Treating ASD</i>	Dr. Elizabeth Dean
25 Michael Ruiz-Peters; Matthew Dorto	<i>Effect of passive cycling on cardiac function</i>	Dr. Victoria Claydon
26 Sepehr Saeidiborojeni	<i>Perioperative Botulinum Toxin to enhance outcomes of surgeries on spastic limbs: a review of current literature and implications for clinical practice</i>	Dr. Rajiv Reebye



POSTER PRESENTATION MAP

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THE UNIVERSITY OF BRITISH COLUMBIA
Division of Physical Medicine & Rehabilitation
Faculty of Medicine



G. F. Strong Rehab Centre



REHABILITATION RESEARCH PROGRAM
REVOLUTIONIZING REHABILITATION PRACTICE; ENABLING ABILITY



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Acknowledgements

Partners

Thank you to our partners who provide the staff and resources each year, contributing the success of the GF Strong Rehab Research Day.



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REHABILITATION RESEARCH PROGRAM
REVOLUTIONIZING REHABILITATION PRACTICE: ENABLING ABILITY



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