

2021 UBCO/V Graduate Research Day 1 - Tuesday May 11, 2021

Start Time	Presenting Author	Title
8:00 AM		
OPENING REMARKS		
08:15	Joshua Bovard	Sex-differences in exercising hemodynamics: role of exercising muscle mass
08:26	Kaela Cranston	Process through partnership: The analysis, design, and development of an online training platform for Small Steps for Big Changes coaches with YMCA staff
08:37	Xueqing Zhou	The effects of exercise-based interventions on urogenital outcomes in individuals with spinal cord injury: A systematic review and meta-analysis
08:48	Phuong Ha	Age-related muscle weakness and the vestibular control of quiet standing balance in females
08:59	Alanna Shwed	Evaluation of passive and partnered end-of-grant knowledge translation of the integrated knowledge translation guiding principles for spinal cord injury research: Preliminary findings
09:05	Maya Sato-Klemm	Knowledge, attitudes and practice regarding pelvic floor muscle training among people with spinal cord injury: A cross-sectional survey
09:11	Hira Niazi	Sex and gender bias persists in exercise physiology literature
09:17	Megan Trotman	The effects of increased cognitive processing on reactive balance control following perturbations to the upper limb
09:23	Rowan Smart	Intermuscular coherence during balance in persons with Parkinson's disease and age-matched controls
9:30 AM		
MORNING BREAK		
09:45	Helena Neudorf	Impact of a very low-carbohydrate high-fat ketogenic diet program on cardiometabolic health markers in type 2 diabetes in primary care: A retrospective secondary analysis of medical records
09:56	Matthew Fliss	The effects of higher- and lower-load resistance exercise training on leg and arm skeletal muscle mass in healthy young adult females
10:07	Deanna Kanagasingam	Social justice in the clinic: Caring for larger patients
10:18	Tineke Dineen	Implementing a diabetes prevention program within a local community organization: A qualitative analysis
10:29	Kyle Missen	Are torque feedback mechanisms revealed in conditions of artificially restricted quiet standing?
10:35	Jessica Liang	"Do this to live longer": A study of health and fitness magazine representations of older women
10:41	Kelsey Wuerstl	Proposal for testing a tailored smoking cessation intervention for persons with spinal cord injury: A proof-of-concept study

10:47	Christine Hsin	Adaptive kayaking to improve seated balance and ability to complete activities of daily living in individuals with spinal cord injury: A mixed-methods case series
10:53	Liam Stewart	Development of an in-vivo preparation to study the cardiac contractile response to manipulations of the baroreflex.

11:15 AM YOGA SESSION WITH NEO BAJAAFAR

12:00 PM LUNCH BREAK

1:00 PM ALEX HUTCHINSON BEYOND CLICKBAIT: NAVIGATING THE CHALLENGES OF SCIENCE COMMUNICATION

02:05	Mehdi Ahmadian	Developing novel methods to enable the longitudinal assessment of cardiac inotropic function in basic and preclinical research
02:11	Jinelle Gelinis	Exercise limitation phenotype alters the power-duration relationship in COPD
02:17	Sarah Lawrason	“I’m glad I can walk, but sometimes it’s so challenging that it’s an inconvenience to myself and others”: Experiences in physical activity among individuals with SCI who ambulate
02:23	Ben Strothers	Examining the effect of salbutamol use in asthma and/or eib whilst exercising in ozone air pollution
02:29	Gevorg Eginyan	Does transcutaneous tibial nerve stimulation enhance corticomotor excitability of the pelvic floor muscles?
02:35	Garry McCracken	A community based exploration of physical activity in masters athletes
02:41	Jay Carr	Assessing endothelial dysfunction in those with carotid atheroma to predict stroke risk

2:45 PM AFTERNOON BREAK

03:00	Robert Shaw	Exploring interaction modality and frequency of interaction employed by peer mentorship interventions for people with disabilities
03:06	Donna Li	Resistance training as a stimuli for RBE – contribution of the extracellular matrix
03:12	Naomi Maldonado-Rodruigez	Characterizing blood biomarkers of inflammation and brain injury in women who have experienced intimate partner violence
03:18	Michael Leahy	The effect of age and sex on the respiratory muscle metaboreflex.
03:24	Gabriel Dix	The relationship between physical activity, cardiorespiratory fitness and indices of physiological and psychological stress in individuals with spinal cord injury.
03:30	Emma Reiter	Gaze behaviour with height-induced postural threat
03:36	Kara Crampton	Investigating the impact of a low carbohydrate versus a low fat breakfast on cognitive function in type 2 diabetes

3:45 PM CLOSING REMARKS

2021 UBCO/V Graduate Research Day 2 – Wednesday May 12, 2021

Start Time	Presenting Author	Title
8:00 AM		
OPENING REMARKS		
08:05	Luke Peddie	Acute effects of outdoor vs indoor exercise: A systematic review and meta-analysis
08:16	Liisa Wainman	Development of a rodent spinal cord injury model permissive to study the cardiovascular effects of rehabilitation approaches designed to induce neuroplasticity
08:27	Mathew Debenham	Does localized cooling of the foot dorsum influence the vestibular control of standing balance
08:38	Shalaya Kipp	Partitioning the work of breathing during running and cycling using optoelectronic plethysmography
08:49	Anthony Chen	Real-time subject-driven sensory augmentation for virtual reality and motor adaptation
09:00	Natalie Grieve	Let's get digital: Examining the effectiveness of an online training program for diabetes prevention coaches
09:06	Parisa Alaei	Force steadiness and motor unit properties in strength-matched males and females
09:12	Derek Paterson	The impact of the COVID-19 pandemic on the physical activity parenting practices of Canadian parents of school-aged children
09:18	Hannah Goodings	Is the burn worth it? Pain perception following prolonged exposure to low-concentration topical capsaicin.
09:24	Cara Johnston	Diet and exercise interventions for ethnically diverse populations at risk for type 2 diabetes: a scoping review
9:30 AM		
MORNING BREAK		
09:45	Sobhan Mardan-Dezfouli	The impact of abdominal body contouring surgery on physical function after a massive weight loss: A pilot non-randomized controlled trial
09:56	Benjamin Hives	The covid-19 pandemic and exercise (COPE) Trial: A multi-group randomized controlled trial comparing effects of at-home workouts to waitlist control on depression symptoms
10:07	Staci Mannella	Seeing without sight: An exploration of the athlete-guide partnership in high performance para-sport
10:18	Paige Copeland	The effect of 24hrs of sleep deprivation on the vestibular control of standing balance.
10:29	Kendra Todd	Exercise research issues among individuals with a spinal cord injury: Are we moving in the right direction?

10:35	Megan MacPherson	Developing a library of theory-based text messages to promote behaviour change adherence following the Small Steps for Big Changes diabetes prevention program
10:41	Vivianna Shiffman	Exercise-Induced Arterial Hypoxaemia in Female Master Athletes
10:47	Owen Harris	Contraction duration impacts analysis of frequency but not amplitude-based components of submaximal force steadiness tasks
11:00 AM YOGA SESSION WITH NEO BAJAAFAR		
12:30 PM LUNCH BREAK		
1:00 PM MITACS RESEARCH SESSION		
02:00	Donna Cumming	Women coach recruitment and retention in canadian ice hockey
02:11	Nicholas Rietsma	The relationship between breath acetone biofeedback and weight loss in men and women with overweight and obesity
02:17	Kaja Falkenhain	A mediterranean-based ketogenic diet mobile health application compared to a calorie-restricted low-fat diet application for weight loss and cardiovascular risk in women and men with overweight or obesity: A randomized trial
2:30 PM AFTERNOON BREAK		
02:45	Danni Zhang	When East meets West: Older chinese immigrants in canada and their perceptions and experiences of mental health and mental illness
02:51	Justine Magnuson	Neural effects of sleep deprivation on inhibitory control
02:57	Blessing Adeagbo	Receptiveness to Workplace Exercise
03:03	Kyla Coates	Passive heat therapy to reduce cardiovascular disease risk in individuals with COPD: A project proposal
03:09	Elijah Haynes	A systematized review of the effects of cannabinoids on spinal motor neuron output
03:15	Liam Foulger	Quantifying standing balance with wearable sensors.
03:21	Christina (Nique) Bruce	Assessing cortical voluntary activation using two different methods of determining transcranial magnetic stimulation output
03:27	Mahabhir Kandola	Lessons learned from working with a youth organization to evaluate a community-based physical activity intervention for adolescents experiencing depression and anxiety in British Columbia
3:45 PM CLOSING REMARKS & PRIZES		
4:00 PM POWWOW DANCE WORKSHOP WITH ANGELA GLADUE		
7:00 PM SOCIAL – AMONG US		