

# 9<sup>th</sup> Annual Kinesiology Graduate Research Day Itinerary

May 18<sup>th</sup>, 2022

8:30 am	Coffee/Snacks	
9:00 am	Opening Remarks: Dr. Juliet Daniel	
9:10 am–11:50 am	<i>Morning Sessions</i>	
9:10 am- 10:25 am	Session 1: (Chairs: Ravjot Rehsi and Billy Bostad)	
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
9:10 am	Elric Allison	The role of arterial stiffness on structural neurodegeneration in the UK Biobank
9:20 am	Jack Bone	Effects of exogenous ketone body supplement dose and relative intensity on exercise economy: A research proposal
9:30 am	Dan Mulla	Musculoskeletal modelling as an educational tool for understanding rotator cuff tendon transfer surgeries and myoelectric prosthetic control
9:40 am	Matthew Ruder	Between day waveform reliability of wearable inertial measurement units in an osteoarthritis population
9:50 am	Sheereen Harris	Effects of mental fatigue and message framing on physical activity effort discounting
10:00 am	Joshua Keogh	The ecological validity of countermovement jump asymmetry metrics to on-court asymmetry in collegiate female basketball athletes
10:10 am	Stephanie Mattina	Voluntary wheel running safely improves skeletal muscle function in the severe D2-mdx model of Duchenne muscular dystrophy
<b>10:25 - 10:35 am</b>	<b>BREAK</b>	
10:35 - 11:50 am	Session 2: (Chairs: Laura St. Germain and Jonathan McLeod)	
10:35 am	Stevie Foglia	The feasibility of rTMS and sensorimotor training task for the treatment of complex regional pain syndrome
10:45 am	Alysha D'Souza	A comparison of measures of lean body versus D3-Cr measures of skeletal muscle mass: A validation study using the COSIAM approach in young, healthy women
10:55 am	Fiona Powley	The effect of brief bodyweight exercise on acute glycemic control in healthy inactive adults: A randomized crossover study.
11:05 am	Zaryan Masood	Tracking real-world changes in osteoarthritic gait patterns following corticosteroid injections
11:15 am	Karishma Ramdeo	Does accelerated theta-burst stimulation enhance synaptic plasticity in individuals with mild cognitive impairment and in aging?
11:25 am	Ryan Chhiba	Evaluating the influence of multiple pressure points on the hand and fingers
11:35 am	Sydney Valentino	What are the physiological determinants of perceived exertion during incremental exercise to capacity?
<b>11:50 – 1:00 pm</b>	<b>Lunch</b>	
1:00 – 3:40 pm	<i>Afternoon Sessions</i>	
1:00- 2:15 pm	Session 3: (Chairs: Michael Kamal and Dan Mulla)	
<b>Time</b>	<b>Presenting Author</b>	<b>Title</b>
1:00 pm	Rozhin Raziee	Exploring changes in PRMT expression and activity in response to 48-hour fasting
1:10 pm	Nigel Majoni	Markerless motion capture of the hand and finger

1:20 pm	Imran Haider	Goal conflict and the intention-behaviour relationship in emerging adulthood
1:30 pm	Jacob Pickersgill	Modulations in sensorimotor integration following training on a tactile discrimination maze task
1:40 pm	Emma Waddington	Using orienteering to examine the interactions of exercise and cognitive training on human cognition
1:50 pm	Keegan Nhan	Giving repetitive isometric exercise as a prevention for dementia: the grip study
2:00 pm	Ravjot Rehsi	Investigating the intrasession reliability of short and long-afferent inhibition
<b>2:15 – 2:25 pm</b>	<b>BREAK</b>	
2:25 – 3:40 pm	Session 4: (Chairs: Andrew Mikhail and Zaryan Masood)	
2:25 pm	Laura St. Germain	Low prevalence of a priori power analyses in motor behaviour research
2:35 pm	Dusan Kovacevic	Investigating changes in and predictors of adolescents' physical activity behaviour during the COVID-19 pandemic: Insights from the ADAPT study
2:45 pm	Billy Bostad	Peak cardiac output determined using inert gas rebreathing: a comparison of two exercise protocols using a non-inferiority, randomized crossover design
2:55 pm	Aidan Hatt	Androgen receptors, sex-based differences and skeletal muscle repair
3:05 pm	Stephen Toepp	An EMG-based biofeedback system to reinforce use following neurological injury
3:15 pm	Jennifer Williams	The impact of natural menstrual cycle and hormonal contraceptive phase on substrate oxidation during rest and submaximal aerobic exercise: preliminary analysis
3:25 pm	Daniel Trafford	Effects of self-control training and brain endurance training on endurance performance and RPE
3:40 pm	Closing Remarks	
4:00 pm	Social at The Phoenix Bar & Grill	