

Student Health Research Event Program

1:00pm – Open Doors

1:10pm – Welcome remarks

1:15pm – Poster presentations

1:15pm	<p>Are working memory/executive processes involved in REM sleep? - <i>Vasiliki Provias (poster #3)</i></p> <p>Implications of Actovegin on aerobic exercise performance and cardiac mitochondrial respiration in trained and untrained mice - <i>Brandon Kosik (poster #4)</i></p> <p>The Effect of COVID-19 on Rehabilitation Prescription for Children with Concussion - <i>Camille Doucet (poster #29)</i></p> <p>Vitamin B5, a coenzyme A precursor, rescues TANGO2 deficiency disease-associated defects in Drosophila and human cells - <i>Paria Asadi (poster #34)</i></p>
1:30pm	<p>Peel Pack Planning Using Clustering and Decomposition Approach - <i>Yixuan Wang (poster #2)</i></p> <p>Grey matter structural plasticity encoding sequence-specific motor learning - <i>Jhelum Paul (poster #7)</i></p> <p>The effect of exercise on intramyocellular and extramyocellular lipids in childhood versus adulthood onset of obesity: a pilot study - <i>Lyne Al-Nabelsi (poster #10)</i></p> <p>Effects of Cognitive Behavioral Therapy for Insomnia on Nocturnal High Frequency Heart Rate Variability - <i>Xin Yi Li (poster #14)</i></p>
1:45pm	<p>EEG/MRS/fMRI Data Acquisition: EEG Technical Challenges for Longitudinal Motor Skill Learning - <i>Shima Panahi Moghadam Namini (poster #6)</i></p> <p>Subdivisions of the Corpus Callosum via MRI-derived Multivariate Microstructural Scores - <i>Zaki Alasmar (poster #8)</i></p> <p>Biased agonist of the β2-adrenergic receptor controls the memory CD4+ T cells by selectively inhibiting cytokine IL-17A in a PKA- independent manner - <i>Mehri Hajiaghayi (poster #9)</i></p> <p>Bayesian modeling: Effect of sleep stages on fNIRS hemodynamic response to epileptic discharges - <i>Edouard Delaire (poster #15)</i></p>

2:00pm	<p>Online dance classes as fall prevention programming for women aged 65+ - <i>Emma Hsiaowen Chen (poster #11)</i></p> <p>Whole brain profile of fMRI hub disruption patterns in focal epilepsy and healthy controls - <i>Arielle Dascal (poster #12)</i></p> <p>The Impact of Multisensory Information on Cognitive-Motor Dual-Tasking in Young Adults - <i>Carolynn Boulanger (poster #16)</i></p> <p>An MRS-EEG study on diurnal changes in glutamate levels of healthy good sleepers - <i>Kiana Ezzatdoost (poster #17)</i></p>
2:15pm	<p>Differences in mean diffusivity and fiber tract dispersion in coronary artery disease patients - <i>Stefanie A. Tremblay (poster #13)</i></p> <p>Brain activity during cognitive-motor dual-tasking in middle-aged and older adults: Insights from functional near infrared spectroscopy - <i>Rachel Downey (poster #19)</i></p> <p>Eating to Cope: Partner Effects of Emotional Eating on Body Mass Index in Couples - <i>Marianne Berthiaume (poster #20)</i></p> <p>Phase-Amplitude Coupling of Theta and Gamma Rhythms During Memory Encoding Across the Lifespan - <i>Gia Han Ly (poster #21)</i></p>
2:30pm	<p>Exploring the Anti-Inflammatory Effects of a Hypertension Drug, Finding New Uses for Old Drugs - <i>Maria Auxiliadora Xavier-Soares (poster #18)</i></p> <p>Multi-scale gradients in corticopontine structural connectivity - <i>Paul-Noel Rousseau (poster #22)</i></p> <p>Exploring the Impact of the COVID-19 Pandemic on Fears of Depression Recurrence - <i>Gabriela Kennedy (poster #23)</i></p> <p>Behavioural impact of connectome-wide differences in white matter myelination - <i>Mathieu Johnson (poster #26)</i></p>
2:45pm	<p>Criticality dynamics in children with concussion - <i>Jean-Christophe Lortie (poster #24)</i></p> <p>Magnetoencephalography resting-state connectivity patterns as indicatives of surgical outcome in focal epilepsy patients - <i>Hassan Khajehpour (poster #25)</i></p> <p>Connectome-based Evaluation of Sensorimotor Impairments in Stroke - <i>Mika Kaeja (poster #30)</i></p> <p>Cerebellar White Matter Differences in Individuals with Alzheimer's Disease - <i>Tamra Lewallen (poster #31)</i></p>
3:00pm	<p>Self-Similar Properties of Simultaneous fMRI and fPET - <i>Derek Newman (poster #27)</i></p>

	<p>The Effect of Electroacupuncture on Reducing Blood Pressure in Healthy Participants - <i>Elyse Benest (poster #28)</i></p> <p>Physical Activity levels and diurnal patterns in COMISA Versus Age- and Sex-Matched Insomniacs and Good Sleepers - <i>Farin Forouzesht (poster #32)</i></p> <p>Does the amyloid status impact the cerebrovascular coupling in subjective memory loss population? - <i>Laetitia Jeancolas (poster #33)</i></p>
3:15pm	<p>iTrain my Brain: A pilot study evaluating the effects of multiple-object tracking on older adults' cognition and mobility – <i>Berkley Peterson (poster #1)</i></p> <p>Relation between perfusion, homotopic connectivity and distance to lesion in chronic stroke patients - <i>Pierre Berroir (poster #35)</i></p> <p>Objective Physical Activity, Sedentary Behaviour, Self-Efficacy for Physical Activity and Body Mass Index Amongst Middle-Aged to Young-Older Adult Couples - <i>Jake Gilmer-Grenier (poster #36)</i></p>

3:45pm – Presentation of Awards

3:55pm – Closing remarks