Health Sciences Research Day

Wednesday, April 13th

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Carleton University

Department of Health Sciences

8:15 AM - Opening remarks by Dr. Martin Holcik

Health Sciences Session One (8:30am to 10:15am)
Session A: BHSc – 4th year Honours Thesis (10 mins, 5 Q&A)

Moderator: Sam Petrie

8:30 AM
Exploring the ARK5-hnRNPA1-Transportin Interactions
Student: Brianna Frangione
Supervisor: Dr. Martin Holcik

8:45 AM
Developing novel oncolytic virus therapies for pancreatic cancers
Student: Sydney Vallati
Supervisors: Dr. John Bell & Dr. Martin Holcik
Collaborator: Dr. Mathieu J.F. Crupi (OHRI, UOttawa)

9:00 AM
Trauma- and Violence-Informed Training in Mental Health Law: A Legal Professionals Perspective
Student: Jenna Seyidoglu
Supervisor: Dr. Francine Darroch

9:15 AM
Concussion, psychological well-being, and quality of life
Student: Julianne McLeod
Supervisors: Dr. Matthew Holahan (Neuroscience) & Dr. Edana Cassol

9:30 AM
Synergy between LL-37 and Polymyxin B against Pseudomonas aeruginosa and Escherichia coli in the Planktonic and Biofilm State
Student: Kylen Ridyard
Supervisor: Dr. Joerg Overhage

9:45 AM
The double burden of non-communicable and communicable disease: implications for pregnancy and fetal health
Student: Oluwatomike Aribaloye
Supervisor: Dr. Kristin Connor

10:00 AM
Medicine for the soul: Religious identity, coping, and mental health during the COVID-19 pandemic
Student: Claire Peneycad
Supervisor: Dr. Renate Ysseldyk
Collaborators: Emily Tippins & Dr. Hymie Anisman (Neuroscience)

Health Sciences Session One (8:30am to 10:15am)
Session B: MSc in HSTP – 1st year Posters (5 mins, 5 Q&A)

Moderator: Hauna Sheyholislami

8:30 AM
Social and Spatial Inequities in Cause-Related Mortality: Multiple-Cause of Death Approach
Students: Hira Anjum, Khalid Bastawisy, Benjamin Burrows & Carolyn Van Dam
Supervisor: Dr. Paul Peters

8:40 AM
Co-production of an eHealth application to improve the identification and prediction of early life health risk and resilience
Student: Aleyna Akgun
Supervisor: Dr. Kristin Connor
Collaborators: Michael Daly, University of Bristol, Dr. Sandy Davidge, University of Alberta, Dr. Dan Goldowitz, University of British Columbia, Dr. Pablo Nepomnaschy, Simon Fraser University,, Dr. Ashley Daniel Wazana, McGill University, Dr. Claudio Delrieux, Universidad Nacional del Sur, Dr. Laurent Briollais, University of Toronto

8:50 AM
Sunrise study: Pacific rim
Student: Jade Alcantara
Supervisor: Dr. Mark Tremblay

9:00 AM
Environmental Considerations of Outdoor Play
Student: Katy Cameron
Supervisors: Dr, Mark Tremblay & Dr. Louise de Lannoy
Collaborators: Leave No Trace Canada & Humber College Early Childhood Development) & Outdoor Play Canada

9:10 AM
Child and youth participation in organized sport across 60 countries: an analysis of sex differences.
Student: Myranda Hawthorne
Supervisor: Dr. Mark Tremblay
Collaborators: Active Health Kids Global Alliance (AHKGA), Healthy Active Living and Obesity (HALO) Research Group

9:20 AM
Technology Use and Mental Health Outcomes of Adolescents in Ontario
Student: Leah Margetson
Supervisor: Dr. Jean-Phillipe Chaput
Collaborator: CHEO

9:30 AM
Access to Community and Health Care Supports for Older Adults with Vision Loss During the COVID19 Pandemic
Students: Michelle Bezanson & Amara Umeh
Supervisor: Dr. Mahadeo Sukhai
Collaborator: CNIB

9:40 AM
Assessing The Link Between Mitochondrial Dysfunction and the Inflammatory Response
Students: Eiti Rautela & Savannah Sauve
Supervisor: Dr. Martin Holcik
Collaborators: Dr. Edana Cassol, Dr. David Dyment (CHEO)

10:15 – 10:30am Coffee Break

Health Sciences Session Two (10:30am to 12:15pm)
Session A: MSc in HSTP – 2nd year Presentations (25 mins, 10 Q&A)

Moderator: Sam Petrie

10:30 AM

Believing in Science: Linking Religious Beliefs and Identity with Vaccination Intentions and Trust in Science During the COVID-19 Pandemic
Student: Emily Tippins
Supervisors: Dr. Renate Ysseldyk & Dr. Hymie Anisman (Neuroscience)
Collaborator: Claire Peneycad (4th year HS student)

11:05 AM

The effect of sleep duration on energy intake in adolescents with obesity: A Sleep Manipulation in Adolescents at Risk of Type 2 Diabetes (SMART2D) Study
Student: Kaeshan Elamurugan
Supervisor: Dr. Jean-Philippe Chaput (CHEO)
Collaborators: Amelia Eaton (CHEO, Uottawa), Irina Podinic (CHEO, Uottawa), Dr. Gary Goldfield (CHEO), Caroline Dutil (CHEO, Uottawa)

11:40 AM

Trauma- and Violence-Informed Physical Activity (TVIPA): A Multi-tiered Approach to Address Barriers to Physical Activity Among Diverse Populations.
Students: Lilly Jean-Pierre, Asha Maria Bost & Andrea Szafran
Supervisor: Dr. Francine Darroch

Health Sciences Session Two (10:30am to 12:15pm)
Session B: MSc in Health Sciences – Thesis Seminars (20 mins, 10 Q&A)

Moderator: Clara Miller

10:30 AM

Exploring Trauma- and Violence-Informed Physical Activity Programming: Refugee Women's Perspectives
Student: Sophia Ali
Supervisor: Dr. Francine Darroch
Collaborators: Women's Health in Women's Hands Community Health Centre

11:00 AM

High resource users across the urban-rural divide: Investigating the link between community characteristics and high resource use within rural Ontario
Student: Tomoko Mcgaughey
Supervisor: Dr. Paul Peters
Collaborators: Dr. Utkarsh Dang (Carleton University) and Dr. George Kephart (Dalhousie University)

11:30 AM

Evaluation of Role of Lectin Receptors on the Mechanism of Action of Sulfated Lactosyl Archaeol Adjuvant
Student: Charis McPherson
Supervisors: Dr. Bassel Akache & Dr. Edana Cassol
Collaborator: National Research Council

12:15 – 1:00pm Lunch

Health Sciences Session Three (1:00pm to 3:40pm)
Session A: MSc in HSTP – 2nd year Presentations (25 mins, 10 Q&A)

Moderator: Andrea Szafran

1:00 PM

Identifying food safety patterns and trends in manufactured and processed food using Canadian Food Inspection Agency environmental scanning data
Student: Hilary Ziraldo
Supervisor: Heather Holland (CFIA)
Collaborators: Elmabrok Masaoud, Alexandre Dumas, Jasmine Mander (CFIA)

1:35 PM

Co-Design considerations for Insulin Pumps, and Assistive Technology (AT) use in the Workplace for Adults Who Are Blind or Partially Sighted.
Student: Jamie Strain
Supervisors: Dr. Mahadeo Sukhai & Dr. Francine Darroch

Coffee Break

2:30 PM

A scoping review of mitochondrial diseases registries worldwide
Students: Ammanie Abdul-Fatah, Leila Esmaeilisaraji & Crisel Juan
Supervisor: Dr. Martin Holcik
Collaborators: MitoCanada and Mito2i

3:05 PM

HSTP Investigating the Views of Canadian Young Adults on Blood Donor Screening Policy Regarding Gender Identity and Gay, Bisexual, and Other Men Who Have Sex with Men (gbMSM)
Students: Katie Baker, Sebastian Steven & Jaya Rastogi
Supervisor: Dr. Jennie Haw (CBS)
Collaborator: Canadian Blood Services

Health Sciences Session Three (1:00pm to 3:10pm)
Session B: PhD in Health Sciences – Thesis Seminars (30 mins, 10 Q&A)

Moderator: Marina White

1:00 PM

Maps In Action: A Participatory Mapping Approach to Understanding Access to Sexual- and Gender-Based Violence Support Services
Student: Maddy Sheppard-Perkins
Supervisors: Dr. Francine Darroch & Dr. Paul Peters

1:40 PM

The Role of the Gut Microbiome and Novel Interventions in the Health of Reproductive Aged Women and Pregnant Women and their Infants
Student: Hauna Sheyholislami
Supervisor: Dr. Kristin Connor
Collaborators: Dr. Amanda MacFarlane (Health Canada), Dr. Tim Van Mieghem (Mount Sinai Hospital Toronto)

Coffee Break

2:30 PM

Critically Surveying the Landscape for a New Approach to Trauma-and-Violence Informed Physical Activity
Student: Candace Roberts
Supervisor: Dr. Francine Darroch

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