

FRIDAY

REGISTRATION

11:30 – 12:00 Registration and refreshments (Garden Room)

12:00 – 12:15 Opening remarks from the AGS

AFTERNOON SESSION I (12:15-1:15)

12:15-12:30 Margaret Buhariwalla Telescopes and the power of labview

12:30-12:45 Leah MacLean Exploring the genetic basis of autoimmune disease through the differential expression of FOXP3 in zebrafish (*Danio rerio*) following an increase in dietary sodium

12:45-1:00 Paulina Brooks That's my kid; you've probably heard of him! Understanding the relationships between child's competence, parental support, and moral worth in youth sport

1:00-1:15 Carolyn Woolridge Examining varsity athletes' attitudes towards performance-enhancing drugs and nutritional supplements

1:15-1:30 Miriam Hewlett Physics beyond the standard model: x plus and x minus

KEYNOTE SPEAKER: DR. ERIN WUNKER (1:30-2:00PM) BREAK (2:00-2:15)

AFTERNOON SESSION II (2:15-3:30PM)

2:15-2:30 William Kluska Effects of government regulation of payday loans in Canada

2:30-2:45 Dillon Burgess Bay of Fundy: tidal power

2:45-3:00 Christine Anderson What is bird migration anyways?

3:00-3:15 Emily Katharina Mohabir Growing up is a fairy tale: examining participatory fan cultures in the Anne of Green Gables legacy

3:15-3:30 Cardy Saunders The Mercury Content of Lichens in Nova Scotia

BREAK (3:30-3:45PM)

POSTER SESSION MIX AND MINGLE GARDEN ROOM) (4:00 – 5:30) (Featuring jazz performed by Nicholas d'Amato & students from the Acadia School of Music)

SATURDAY

ARRIVAL & REFRESHMENTS (9:30-10:00AM)

9:30-10:00 Refreshments at the KCIC

MORNING SESSION I (10:00-11:30AM)

10:00-10:15 Justin MacLeod The Role of Political Theory in Understanding Social Media

10:15-10:30 Ashante Fray The search for agency in *Beloved* and *The Bluest Eye* by Toni Morrison

10:30-10:45 Robert Pantalone Territorialization in film: the competing natures of Koneline

10:45-11:00 Jacob Barton Investigation of effluent water quality and determination of ideal treatment option

11:00-11:15 Ahmed Galila Escaping local minima using symbols

11:15-11:30 Ricardo S. Martins The physiological effects of a mandibular repositioning mouthguard and their effects on athletic performance

LUNCH (11:30-12:00PM)

PANEL DISCUSSION (12:00-1:00PM)

BREAK (1:00-1:15PM)

AFTERNOON SESSION II (1:15-2:30PM)

- 1:15-1:30 Adele Bunbury-Blanchette** Identification and evaluation of local, potential bio-control fungi active against Fusarium basal rot of onions in the Annapolis Valley
- 1:30-1:45 Sazia Mahfuz** Effective virtual example generation in lifelong machine learning
- 1:45-2:00 Alejandra Maria Fuentes Nunez** Design of an excitation spectroscopy system
- 2:00-2:15 Jenna Colclough** Ancient Flappers: Examining female participation in the cult of Dionysos through the lens of 1920's American flapper culture
- 2:15-2:30 Alice Lacaze-Masmonteil** Cordial labeling of some new classes of graphs

BREAK (2:30 – 2:45PM)

AFTERNOON SESSION III (2:45-4:00PM)

- 2:45-3:00 Thalia Magyar** Biomarker identification for dementia and brain tumor tissue characterization with magnetic resonance imaging
- 3:00-3:15 Kody Crowell** Modelling the behaviour of striped bass (*Morone saxatilis*) in the presence of in-stream tidal turbines in minas passage
- 3:15-3:30 Sara Drisdelle** The influence of stress frequency on biological responses within female varsity athletes: understanding the overtraining model
- 3:30-3:45 Niall Buryk** Indivisible: Gramsci, Foucault, and the Trump Resistance
- 3:45-4:00 Ersa Gjelai** Female Autodetection and Plasticity of Pheromone Response in *Helicoverpa zea*

SOCIAL AND AWARDS AT THE U-CLUB 7:00PM