



Chairs: Michael Rauh, Eva Slotman

9:00 | 9:05 Biobanking Expansion
 Annette Hay, Amber Simpson

15-minute talks + 5 minutes for Q&A

9:05 | 9:20

Chairs: Lindsay Fitzpatrick, Yuxi Zhang

15-minute talks + 5 minutes for Q&A

1:30 | 1:45

Lecture Theatre (Room 132A)
Talks will be broadcast via Zoom

Chairs: Shaila Merchant, Colton Barr

15-minute talks + 5 minutes for Q&A

8:35 | 8:50

Marian Luctkar-Flude, Kevin Woo

9:00 | 9:15

Melinda Chelva, Karen Yeates

9:25 | 9:40

Gord Boyd, Chloe DesRoche, Elaine Innes, Omar Islam, Ben Kwan, Johanna Ortiz-Jimenez, Ian Silver, Donatella Tampieri, KHSC IT Team, WAHA Family Physicians

9:50 | 10:05

Samuel Brost, J. Timothy Bryant, Charlie Drysdale, Genevieve Dumas, Qingguo Li, Amidou Sawadogo

10:15 | 10:30

Nicole Bobbette, Afolasade Fakolade

10:40 | 10:55

Beata Batorowicz, Claire Davies

NSERC CREATE in Medical Informatics Pitches

11:05 | 11:10

Colton Barr

11:10 | 11:15

Shuwei Xing

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|---|----------------|--|
| 1 | Colton Barr | Low cost prostate capsule reconstruction using optical tracking and deep learning |
| 2 | Kenna Bartlett | Predictive model from factorial analysis of factors affecting glenoid baseplate micromotion in reverse shoulder arthroplasty |
| 3 | Mahdi Gilany | Towards confident detection of prostate cancer using high resolution micro-ultrasound |
| 4 | Nicole Kitner | Automatic catheter modelling in 3D transrectal ultrasound images from high-dose-rate prostate brachytherapy using deep learning and feature extraction methods |
| 5 | Yuxi Zhang | Effects of exogenous insulin on macrophage survival and pre-inflammatory signalling |
| 6 | Nadejda Boev | Whole genome sequencing (WGS) enhances and refines institutional responses to SARS-CoV-2 |



