

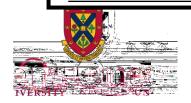
Session 4: Global Health is Local Health

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 ì 8:50	Virtual Simulations for Global Health Equity Marian Luctkar-Flude, Kevin Woo					
9:00 Ì 9:15	A program of cervical cancer prevention in low-resource settings through the power of DNA testing, cervical imaging, histopathology and smartphones Melinda Chelva, Karen Yeates					
9:25 Ì 9:40	Utility of Point of Care Portable MRI for Cerebral Imaging in a Remote Northern Canadian Health Authority 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 1 10:05	Ergonomic analysis and design for improved health of Faso DanFani weavers in Burkina Faso Samuel Brost, J. Timothy Bryant, Charlie Drysdale, Genevieve Dumas, Oingguo Li, Amidou Sawadogo					
10:15 1 10:30	CareCo Nicole Bobbette, Afolasade Fakolade					
10:40 1 10:55	To participate, you must be able to communicate <u>Beata Batorowicz. Claire Davies</u>					
	NSERC CREATE in Medical Informatics Pitches					
11:05 Ì 11:10	Low cost prostate capsule reconstruction using optical tracking and deep learning Colton Barr					
11:10 1 11:15	A 3D US percutaneous liver ablation system for ultrasonically invisible tumors Shuwei Xing					

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 SARSInETQ EN





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