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## Department of Paediatrics and CHRI

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You are invited to attend a

### **GRAND ROUNDS/CHRI SEMINAR**

presentation on:

**“Building Clinical Machine Learning Models  
IN the Real World, FOR the Real World”**

**Lauren Erdman, MSc, PhD Candidate**

Economics BA, Biostatistics MSc, Computer Science MSc, and Computer Science PhD(c)  
Hospital for SickKids

### **Learning Objectives:**

I hope to show through my work in ultrasound image-based prediction:

1. How clinical deep machine learning models can be developed with less data than used to originally develop these methods and
2. How these models should be assessed based on their specific clinical context and use-cases, for example, with power analyses to determine sample size requirements for evaluation.

**Date: Wednesday – December 7, 2022**

**Time: 12:00-13:00hrs**

**Location: <https://westernuniversity.zoom.us/j/98592154775>**

**& In-Person B2-119, Sumner Auditorium**



Please contact [Renee.Vachon@lhsc.on.ca](mailto:Renee.Vachon@lhsc.on.ca) if you require information in a different format, or if other arrangements can make this event accessible to you.

Campus Accessibility Map at [www.accessibility.uwo.ca/maps.htm](http://www.accessibility.uwo.ca/maps.htm)

