



Deep Ethical Learning for Artificial Intelligence in Health Care



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Abstract: The increasing availability of digital data and expanding capability of computing architectures have advanced the application of artificial intelligence (AI) in health care. From predicting medical conditions to administering health behavior interventions, deep learning is being deployed to analyze vast amount of data, identify patterns, and categorize information to help clinicians make decisions that can enhance patient care and outcomes. However, as some have argued, an over-reliance on automated technologies may not only depersonalize medical interactions and erode therapeutic relationships, but also exacerbate access disparity and waste valuable health resources in unexpected ways. Recognizing that AI design is both a technical and social process, this presentation will draw on lessons from ongoing collaborative projects that explore various ethical considerations in developing and implementing intelligent health technologies in the care pathways. Looking at various use cases of AI in health care, this presentation will discuss how multidisciplinary AI teams can iteratively integrate pertinent ethical considerations into their technological design to promote person-centred and high-value care.

Tuesday, October 8, 2019

12:00 PM – 1:00 PM

Cullen Family Theatre (SPH 1477), St. Paul's Hospital

Remote access available (Conference ID: 30236)

This talk is open and will include a light lunch

To reduce waste, attendees are encouraged to bring reusable plateware and cutlery.