

# Machine M.D.

## The Law, Policy and Ethics of Tomorrow's AI and Big Data in Healthcare



Conference  
Friday 31 May & Saturday 1 June 2019

University of Ottawa  
Faculty of Social Sciences Building  
Room 4007

(Program updated 15 Dec 2018)

<b>Friday 31 May</b> <i>Free – All Welcome</i>	
4:45–4:55 pm	<b>Opening Remarks</b> The Honourable Stephen T. Goudge Paliare Roland Rosenberg Rothstein LLP Former Justice, Court of Appeal for Ontario
	<b>Opening Keynote</b> <i>Facilitator</i> Mona Nemer Chief Science Advisor of Canada
4:55–5:00	Introduction
5:00–5:45	Peter Asaro School of Media Studies The New School, New York, U.S.A.  Ian Kerr Canada Research Chair in Ethics, Law, and Technology University of Ottawa  Joelle Pineau School of Computer Science McGill University
5:45–6:30	Questions and discussion
6:30–8:00	<b>Reception</b>

<b>Saturday 1 June</b> <b><u>Registration Required</u></b>	
8:00–8:30 am	<b>Breakfast</b>
8:30–8:35	<b>Opening Remarks</b> Colleen M. Flood and Florian Martin-Bariteau Directors Centre for Health Law, Policy and Ethics Centre for Law, Technology and Society University of Ottawa
<b>Panel 1</b> <b>Regulating Safety and Quality</b>	
<i>Chair</i> Dr. Michael Schull Chief Executive Officer; Senior Core Scientist Institute for Clinical Evaluative Sciences (ICES)	
8:35–8:40	Introduction
8:40–8:55	<i>Can self-regulation protect patients as machines mediate medicine?</i> Vanessa Gruben Centre for Health Law, Policy and Ethics University of Ottawa
8:55–9:10	<i>Regulatory strategies for artificial intelligence</i> A. Michael Froomkin School of Law University of Miami, U.S.A.
9:10–9:25	<Title> Nathan Cortez SMU Dedman School of Law Dallas, U.S.A.
9:25–9:45	Questions and discussion
<b>Panel 2</b> <b>Privacy and Security</b>	
9:45–9:50	Introduction
9:50–10:20	Florian Martin-Bariteau Centre for Law, Technology and Society University of Ottawa  Meg Leta Jones Communication, Culture, and Technology Program Georgetown University, U.S.A.  Ian Kerr Canada Research Chair in Ethics, Law, and Technology University of Ottawa  Teresa Scassa Canada Research Chair in Information Law University of Ottawa
10:20–10:40	Questions and discussion
10:40–11:00	<b>Break</b>

<b>Panel 3 Bias by AI</b>		<i>Chair</i> Karen Eltis Centre for Health Law, Policy and Ethics University of Ottawa
11:00–11:05	Introduction	
11:05–11:20	<p>&lt;Title&gt;</p> <p>Meredith Whittaker Co-Founder and Executive Director AI Now Institute New York University, U.S.A.</p>	
11:20–11:35	<p><i>Data is people! Ethics capacity-building to overcome data agnosticism in AI</i></p> <p>Jason Millar Faculty of Engineering University of Ottawa</p>	
11:35–11:55	Questions and discussion	
11:55–12:15	<b>Pick up lunch</b>	
<b>Lunchtime Keynote AI from Innovation to Healthcare Markets: Barriers and Facilitators</b>		<i>Facilitator</i> Alison Paprica Vice President, Health Strategy and Partnerships Vector Institute for Artificial Intelligence
12:15–12:20	Introduction	
12:20–12:50	<p>Dr. Kumanan Wilson Centre for Health Law, Policy and Ethics University of Ottawa</p> <p>David Lametti (TBC) Parliamentary Secretary to the Minister of Innovation, Science and Economic Development</p> <p>Mari Teitelbaum Chief Information Officer Children's Hospital of Eastern Ontario</p> <p>Patricia Kosseim Counsel, Privacy and Data Management Osler, Hoskin &amp; Harcourt LLP</p>	
12:50–1:20	Questions and discussion	

<b>Panel 4</b> <b>Neurotechnology and AI</b>		<i>Chair</i> Dr. Simon Hatcher Centre for Health Law, Policy and Ethics University of Ottawa
1:20–1:25	Introduction	
1:25–1:40	<i>The ethics of psychiatric neuromodulation</i> Jennifer Chandler Centre for Health Law, Policy and Ethics University of Ottawa	
1:40–2:55	<i>The clinical and ethical aspects of mobile health and AI in Parkinson’s care</i> Dr. Tiago Mestre Brain and Mind Research Institute University of Ottawa	
2:55–2:10	<i>Brain computer interfaces: Clinical and ethical dimensions</i> Dr. Adam Sachs Director of Neuromodulation and Functional Neurosurgery The Ottawa Hospital	
2:10–2:30	Questions and discussion	
2:30–2:50	<b>Break</b>	
<b>Panel 5</b> <b>Rights to New Technologies and the Public/Private Divide</b>		<i>Chair</i> Catherine Régis Canada Research Chair in Collaborative Culture in Health Law and Policy Université de Montréal
2:50–2:55	Introduction	
2:55–3:10	<i>Hybrid healthcare: Blurring the public/private divide</i> Nicolas P. Terry William S. and Christine S. Hall Center for Law and Health Robert H. McKinney School of Law Indiana University, U.S.A.	
3:10–3:25	<i>AI in healthcare: Who gets access? Who decides? And the role of health as a human right</i> Colleen M. Flood Centre for Health Law, Policy and Ethics University of Ottawa	
3:25–3:40	<i>Bioethical reflections on the right to benefit from the advancement of science and its applications</i> Vardit Ravitsky Département de médecine sociale et preventive Université de Montréal	
3:40–4:00	Questions and discussion	

<b>Closing Keynote</b> <b>The Compassionate Machine M.D.</b>		<i>Chair</i> Nyranne Martin General Counsel The Ottawa Hospital
4:00–4:05	Introduction	
4:05–4:35	Dr. Brian Hodges Chief Medical Officer University Health Network  <i>Commentator</i> Ian Kerr Canada Research Chair in Ethics, Law, and Technology University of Ottawa	
4:35–4:55	Questions and discussion	
4:55–5:00	<b>Closing Remarks</b>  Colleen M. Flood and Florian Martin-Bariteau Directors Centre for Health Law, Policy and Ethics Centre for Law, Technology and Society University of Ottawa	

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