

# 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



Program updated 30 April

**Friday 31 May**  
**Tabaret Hall room 112**

***Free – No Registration Required***

<b>Opening Remarks</b>	
4:45–4:55 pm	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 <i>Chief Science Advisor of Canada</i>
4:55–5:00	Introduction
5:00–5:45	Peter Asaro School of Media Studies The New School, New York, U.S.A.
	Nathan Cortez SMU Dedman School of Law Dallas, U.S.A.
	Joelle Pineau School of Computer Science McGill University
	Colleen M. Flood Centre for Health Law, Policy and Ethics University of Ottawa
5:45–6:30	Questions and discussion
6:30–8:00	<b>Reception</b>

**Saturday 1 June**  
**Desmarais Hall room 12102**

**Registration Required**

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

<b>Panel 3</b>		<i>Chair</i> Karen Eltis
<b>Bias by AI</b>		Centre for Health Law, Policy and Ethics University of Ottawa
11:00–11:05	Introduction	
11:05–11:20	<i>Data is people! Ethics capacity-building to overcome data-agnosticism in AI</i> Jason Millar Faculty of Engineering University of Ottawa	
11:20–11:35	<i>Can the law guard against discrimination in digital medicine?</i> Catherine Régis Canada Research Chair in Collaborative Culture in Health Law and Policy Université de Montréal	
11:35–11:55	Questions and discussion	
11:55–12:15	<b>Pick up lunch</b>	
<b>Lunchtime Armchair Chat</b>		<i>Facilitator</i> Alison Paprica
<b>AI from Innovation to Healthcare Markets: Barriers and Facilitators</b>		Vice President, Health Strategy and Partnerships Vector Institute for Artificial Intelligence
12:15–12:20	Introduction	
12:20–12:50	Dr. Kumanan Wilson Centre for Health Law, Policy and Ethics University of Ottawa  Frank Rudzicz Department of Computer Science University of Toronto  Mari Teitelbaum Chief Information Officer Children's Hospital of Eastern Ontario  Patricia Kosseim Counsel, Privacy and Data Management Osler, Hoskin & Harcourt LLP	
12:50–1:20	Questions and discussion	

<b>Panel 4</b> <b>Neurotechnologies</b>		<i>Chair</i> Peter Asaro School of Media Studies The New School, New York, U.S.A.
1:20–1:25	Introduction	
1:25–1:40	<i>Vulnerable patients and the law of neurosurgery for psychiatric disorders – Past, present and future</i> Jennifer Chandler Centre for Health Law, Policy and Ethics University of Ottawa	
1:40–1:55	<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	
1:55–2:10	<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> Antonia Maioni Dean, Faculty of Arts McGill University
2:50–2:55	Introduction	
2:55–3:10	<i>The new hybrids in health care 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>Rights to AI in health care</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	<i>Compassionate care in an era of AI: Adapting health professions education</i>  Dr. Brian Hodges Chief Medical Officer University Health Network  <i>Commentator</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.	
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	

## SUPPORTED BY

