

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 5 April

Friday 31 May
Tabaret Hall room 112
Free – All Welcome

4:45–4:55 pm	Opening Remarks The Honourable Stephen T. Goudge Paliare Roland Rosenberg Rothstein LLP Former Justice, Court of Appeal for Ontario	
Opening Keynote		<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	Reception	

Saturday 1 June
Desmarais Hall room 12102

Registration Required

8:00–8:30 am	Breakfast
8:30–8:35	<p>Opening Remarks</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>
<i>Chair</i>	
<p>Panel 1 Regulating Safety and Quality</p> <p style="text-align: right;">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 Fromkin 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>Panel 2 Privacy and Security</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	Break

Panel 3		<i>Chair</i>
Bias by AI		Karen Eltis Centre for Health Law, Policy and Ethics University of Ottawa
11:00–11:05	Introduction	
11:05–11:20	<Title> Catherine Régis Canada Research Chair in Collaborative Culture in Health Law and Policy Université de Montréal	
11:20–11:35	<i>Data is people! Ethics capacity-building to overcome data agnosticism in AI</i> Jason Millar Faculty of Engineering University of Ottawa	
11:35–11:55	Questions and discussion	
11:55–12:15	Pick up lunch	
Lunchtime Armchair Chat		<i>Facilitator</i>
AI from Innovation to Healthcare Markets: Barriers and Facilitators		Alison Paprica 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	

Panel 4 Neurotechnologies		<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	Break	
Panel 5 Rights to New Technologies and the Public/Private Divide		<i>Chair</i> TBD
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	

Closing Keynote The Compassionate Machine M.D.		<i>Chair</i> Nyranne Martin General Counsel The Ottawa Hospital
4:00–4:05	Introduction	
4:05–4:35	<i>Machine M.D.: What will we need humans for?</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	Closing Remarks 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

