Responsible Innovation in Digital Health

Opportunities, Barriers and Avenues

SYMPOSIUM PROGRAM

CONSORTIUM SANTÉ NUMÉRIQUE

Université de Montréal

PAVILLON ROGER-GAUDRY
AMPHITHÉATRE K500
Université de Montréal
2900 boulevard Edouard-Montpetit
Montréal QC, H3T 1J4

OUR EVENT PARTNERS

IVADO

IRSC CIHR
Instituts de recherche en santé du Canada | Canadian Institutes of Health Research

Québec
Fonds de recherche – Nature et technologies
Fonds de recherche – Santé
Fonds de recherche – Société et culture

IDIH
INTERNATIONAL COLLABORATION DIGITAL TRANSFORMATION HEALTHY AGEING

UK Science & Innovation Network

8 to 8:30 a.m.	**GREETING AND REGISTRATION**
8:30 to 9 a.m.	**WORD OF WELCOME AND OPENING REMARKS** **RÉMI QUIRION**, Chief Scientist of Québec **MARIE-JOSÉE HÉBERT**, Vice-Rector, Research, Discovery, Creation and Innovation, Université de Montréal

THEME 1 — **How has digital innovation changed the field of health care?**

9 to 9:30 a.m.	**CONFERENCE #1** : **BERNARDO MARIANO** *(video conference)*

Director, Department of Health and Innovation and Chief Information Officer, World Health Organization (WHO)
With the participation of **SHENG WU,** Technical Officer, Department of Health and Digital Innovation, WHO

Responsible for coordinating the WHO vision and strategy for digital health, Bernardo Mariano is responsible for coordinating WHO's digital health vision and strategy. He leads and oversees all aspects of information technology, data security, and enterprise applications, ensuring WHO is advancing its digital capabilities to deliver its global health goals effectively.

9:30 to 10:30 a.m.	**PANEL #1 – Innovation model in health care: How do we gain people's trust? What is our responsibility toward our data?**

Moderator: **Denis Gilhooly**, Founder and CEO, Global He@lth 2030 Innovation Task Force

Keynote speakers:
- **Lyse Langlois**, Executive Director, International Observatory on the Societal Impacts of Artificial Intelligence and Digital Technologies (OIISIAN), Université Laval
- **Robyn Tamblyn**, Professor, Departments of Medicine, and Epidemiology & Biostatistics, McGill University
- **Orval Spencer**, Citizen/Partner
- **Alexandre le Bouthillier**, Co-Founder and Chief Corporate Officer, Imagia

10:30 to 11 a.m.	**BREAK**
11 to 11:30 a.m.	**CONFERENCE #2: PASCALE LEHOUX** **How can Responsible Innovation in Health transform the design of digital initiatives in health?**

Full Professor, School of Public Health, Department of Management, Evaluation and Health Policy at Université de Montréal and Holder of the Chair of the Université de Montréal on Responsible Innovation in Health Full. Also a member of the Board of Quebec's Health Technology Assessment Agency (INESSS) Pascale Lehoux holds a bachelor degree in Industrial Design and a Ph.D. in Public Health from the University of Montreal. She completed postdoctoral studies in Science & Technology Dynamics at the University of Amsterdam.

11:30 to 12:30 a.m.   **PANEL #2 – Reflective practice and pace of changes**

Moderator: **Denis Roy**, Vice-President, INESSS

Keynote speakers:
- **Michael Chassé,** Principal Scientist, CHUM Center for the Integration and Analysis of Medical Data (CITADEL)
- **Jillian Oderkirk**, Senior Health Policy Analyst, Organisation for Economic Co-operation and Development (OECD)
- **Robin Williams,** Director, Institute for the Study of Science, Technology and Innovation, School of Social and Political Sciences, The University of Edinburgh
  Vincent Dumez, Codirector of the Centre of Excellence on Partnership with Patients and the Public (DCPP) and Codirector of the Direction collaboration et partenariat patient (DCPP), Université de Montréal

12 to 1:30 p.m.	**LUNCH**

THEME 2 **Providing better care with intelligent agents**

1:30 to 2 p.m.   **CONFERENCE #3 : ROBERT THIRSK**
Healthcare for deep space explorers

Chair, Expert Group on the Potential Canadian Healthcare and Biomedical Roles for Deep Space Human Spaceflight, Canadian Space Agency

Dr. Robert Thirsk has academic backgrounds in mechanical engineering, medicine and business administration. He has flown on two space missions as a member of the Canadian Space Agency's astronaut corps. Bob first flew aboard the space shuttle Columbia in 1996 as part of the Life and Microgravity Spacelab mission. His second flight in 2009 was a six-month expedition aboard the International Space Station.

2 to 3 p.m.   **PANEL #3**

Moderator: **Diane Côté**, Chief Executive Officer, MEDTEQ

Keynote speakers:
- **Marie-Pierre Faure,** Assistant Director, Partnerships, Special Projects & Living lab, TransMedTech Institute of Montreal
- **Sylvie Grosjean**, Full Professor, Department of Communication, University of Ottawa
- **Stéphane Guay,** Full Professor, School of Criminology and Department of Psychiatry and Addiction, Université de Montréal. Research Director, Centre de recherche de l'Institut universitaire en santé mentale de Montréal and Co-Director, Centre Axel
  Zamzam Akbaraly, Citizen/Partner

3 to 3:30 p.m.	**BREAK**

THEME 3	Innovation partnership for innovation in healthy aging

| 3:30 to 4 p.m. | **CONFERENCE #4: JANE RYLETT ET RICK GLAZIER**
Presentation of International Digital Health Cooperation project for preventive, integrated, independent and inclusive living (IDIH), Horizon 2020

 Dr. Jane Rylett is a Distinguished University Professor and past-Chair of the Department of Physiology and Pharmacology at the Schulich School of Medicine & Dentistry at Western University. She is a Scientist in the Molecular Medicine Research Laboratories at Robarts Research Institute and currently serves as an Associate Dean at Schulich.

 Dr. Rick Glazier is Scientific Director of the Institute of Health Services and Policy Research at the Canadian Institutes of Health Research (CIHR) and a Senior Core Scientist at ICES. He is also a staff family physician at St. Michael's Hospital in Toronto and a Scientist in its Centre for Urban Health Solutions, a Professor at the University of Toronto in the Department of Family and Community Medicine, Faculty of Medicine, and Dalla Lana School of Public Health. |

| 4 to 4:45 p.m. | **PANEL #4 – Digital health and active and healthy aging: international overview and priorities**

Moderator – **Joanne Goldberg**, Assistant Director, Institute of Aging, CIHR

Keynote speakers:
• **Barbara Decelle**, Health Research Advisor, IVADO
• **Rick Glazier**, Scientific Director, IHSPR, CIHR
• **Jane Rylett**, Scientific Director, Institute of Aging, CIHR
Sheng Wu, Technical Officer, Department of Health and Digital Innovation, World Health Organization (WHO) |

| 4:45 to 5 p.m. | **CLOSING REMARKS**

MICHAEL STRONG, President of the Canadian Institutes for Health Research (CIHR) |

| 5 to 7 p.m. | **COCKTAILS AND CANAPÉS IN THE HALL OF HONOUR** |

DAY 2 . THURSDAY. JANUARY 30. 2020

8 to 8:30 a.m.	**GREETING AND REGISTRATION**

8:30 to 8:45 a.m.	**WORD OF WELCOME** **YVES JOANETTE,** Director of the Digital Health Consortium

THEME 4 — **Under what conditions does digital innovation offer positive change for health care and our health care system?**

8:45 to 9:15 a.m.	**CONFERENCE #5 : CATHERINE RÉGIS**

Catherine Régis is a full professor at the Faculty of Law at the Université de Montréal, holder of the Canada Research Chair in Collaborative Culture in Health Law and Policy, Co-Head of the Health Hub - Politics, Organizations and Law (H-POD) and founding member of the JusticIA research group (justice-ia.com). She is also a researcher at the Research Center in Public Law and at the Research Center of the University Hospital Center of the Université de Montréal (CRCHUM).

9:15 to 10:15 a.m. **PANEL #5**

Moderator: **Mylène Deschênes**, Director, Ethics and Legal Affairs, Fonds de recherche du Québec

Keynote speakers:
- **Johane de Champlain**, Vice-Chair and Ethics Advisor, Central Committee for Research Ethics, Ministère de la Santé et des Services sociaux (MSSS)
- **Jean-Louis Denis,** Full Professor, Canada Research Chair – Health System Design and Adaptation, ESPUM-CRCHUM
- **Nathalie Voarino**, Doctoral student in Bioethics, Montréal Declaration for Responsible AI, Université de Montréal
- **René Benoit,** Citizen/Partner

10:15 to 10:45 a.m.	**BREAK**

THEME 5 — **Built and digital environments and their impact on our health**

10:45 to 11:15 a.m.	**CONFERENCE #6: STEVEN HOFFMAN** **Building a Better Future: Using AI and digital health innovations in public health for a more equitable future**

Director of the Global Strategy Lab, a Professor of Global Health, Law, and Political Science at York University, and the Scientific Director of the Canadian Institutes of Health Research's Institute of Population & Public Health. He holds courtesy appointments as a Professor of Clinical Epidemiology & Biostatistics (Part-Time) at McMaster University and Adjunct Professor of Global Health & Population at Harvard University. He is an international lawyer licensed in both Ontario and New York.

11:15 to 12:15 p.m.	**PANEL #6**
	Moderator: **Lise Gauvin**, Full Professor and Vice-Dean for Research, École de santé publique, Université de Montréal (ESPUM)
	Keynote speakers: • **Nathalie Bier**, Associate Professor, School of Rehabilitation, Faculty of Medicine, Université de Montréal • **Fabrice Brunet**, President and Chief Executive Officer, CHUM • **François W. Croteau**, Member of Montréal's Executive Committee, responsible for the Smart City, Information Technologies, Innovation and Higher Education • **Louis-Martin Rousseau**, Full Professor, Polytechnique Montréal and Canada Research Chair in Analytics and Logistics in Healthcare
12:15 to 12:30 p.m.	**CLOSING REMARKS** **MONA NEMER**, Chief Science Advisor to the Prime Minister of Canada
12:30 to 2 p.m.	**NETWORKING LUNCH**

ORGANIZATION OF THE SYMPOSIUM *(list of members in alphabetical order)*

Scientific Committee	Organizing Committee
Jean-Louis Denis, Full Professor, School of Public Health, Université de Montréal - CRCHUM	**Émilie André,** Consultant, Agence EMY
Marie-Josée Hébert, Vice-Rector, Research, Discovery, Creation and Innovation, Université de Montréal	**Laetitia Cremona,** Executive Assistant to the Vice-Rector, Discovery, Creation and Innovation, Université de Montréal
Yves Joanette, Director, Digital Health Consortium, Université de Montréal	**Marie-Josée Hébert,** Vice-Rector, Research, Discovery, Creation and Innovation, Université de Montréal
Pascale Lehoux, Full Professor, School of Public Health, Department of Management, Evaluation and Health Policy at Université de Montréal	**Yves Joanette,** Director, Digital Health Consortium, Université de Montréal
Catherine Régis, Full professor at the Faculty of Law at the Université de Montréal	**Éva Lacroix,** Administrative Technician, Digital Health Consortium, Université de Montréal
	Chantale Simard, Project Coordinator, Vice-rectorat aux affaires étudiantes et aux études, Université de Montréal
	Camille Tremblay, Principal Coordinator, Digital Health Consortium, Université de Montréal