

2023

WORKSHOP

# HOT TOPICS RELATED TO HOSPITAL-BASED RESEARCH AND HEALTH TECHNOLOGY ASSESSMENT



## SCHEDULE

**October 24<sup>th</sup> and 25<sup>th</sup>, 2023**

*Noble Hall of the Faculty of Medicine of Botucatu*

Realization:



Sponsors:





## Professor Lehana Thabane



Dr. Lehana Thabane is a Vice President of Research at St Joseph's Healthcare—Hamilton; Scientific Director of the Research Institute at St Joseph's Healthcare; Professor of Biostatistics and Former Interim Chair/Associate Chair of the Department of Health Research Methods, Evidence, and Impact; Associate Member of the Departments of Pediatrics, Medicine, Family Medicine, Surgery, Psychiatry and Behavioral Neurosciences, and Anesthesia, School of Nursing, and School of Rehabilitation Science, in the Faculty of Health Sciences (FHS) at McMaster University. He is also the Director of Biostatistics at St Joseph's Healthcare—Hamilton. His international reputation has led him to be honored by many professional societies: He is an Elected Member of the International Statistical Institute, Fellow of the American Statistical Association, Fellow of the Society for Clinical Trials, Fellow of the Canadian Academy of Health Sciences, and Honorary Foreign Associate Member of the Academy of Science of South Africa. He is the President of the Society for Clinical Trials 2022-2023. He is the recipient of the 2020 Anne & Neil McArthur Annual Research Award and the 2022 of the Statistical Society of Canada Award for Impact of Applied and Collaborative Work.

Dr Thabane is the Editor-in-Chief of the journal Pilot and Feasibility Studies; and he is a member of the editorial board for many journals including Trials, and Clinical Trials. As a senior biostatistician and methodologist, he has led many clinical trials and co-authored over 1000 peer-reviewed manuscripts leading to significant contributions and transformation of science, healthcare, and delivery of care in many clinical areas. Having mentored over 200 graduate students and junior faculty, Dr Thabane has won several teaching and mentorship awards for his commitment to building capacity in health research and nurturing the next generation of researchers.

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## Professor Jean-Eric Tarride



Trained as a health economist, Jean-Eric Tarride (MA, PhD) is a Professor of Health Economics and Health Technology Management at McMaster University in the Department of Health Research Methods, Evidence, and Impact (HEI), and McMaster Chair in Health Technology Management. Jean-Eric is the Director of the Centre for Health Economics and Policy Analysis (CHEPA) at McMaster University, and the Director of the Programs for Assessment of Technology in Health (PATH), The Research Institute of St. Joe's Hamilton, St. Joseph's Healthcare Hamilton. His primary research interests are in methods for the economic evaluation of health technologies and programs, real-world evidence generation, and re-assessments.

Dr. Tarride has authored more than 200 peer-reviewed journal articles related to economic evaluations of healthcare programs and has successfully collaborated with clinicians and academics by providing economic leadership in more than 70 peer-reviewed grants. He has received several grants from the Canadian Institute of Health Research (CIHR), the Ontario Ministry of Health and Long-Term Care, and other public funding agencies. In addition to his academic expertise, Jean-Eric has worked for more than ten years in the pharmaceutical industry in various roles including Director of Health Economics and Reimbursement at AstraZeneca Canada (July 2012-August 2014) and Senior Manager Outcomes Research at Pfizer Canada (2001-2005). He continues to act as a consultant for industry and governments. He recently joined the Canadian Agency for Drugs and Technologies in Health (CADTH) Post Marketing Drug Evaluation (PMDE) program advisory committee in September 2022. Prior to joining the PMDE program, he was a Core Member (Health Economist) of CADTH's Health Technology Expert Review Panel (HTERP) from September 1, 2017, to August 31, 2022. He was also a member of the Pan-Canadian Oncology Drug Review (pCODR) Economic Guidance Panel from 2015 to 2017.





## Objective:

This workshop will address the research and health technology assessment (HTA) development in the hospital context. The invited speakers are renowned Professors from the Department of Health Research Methods, Evidence & Impact (HEI) – Faculty of Health Science - McMaster University.

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## Audience:

students (undergraduate and graduate of all health categories), residents (medical and multi-professional programs), professors (University - UNESP), researchers (University - UNESP), Members of Teaching Hospital-based Health Technology Assessment Centers, and health workers.

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## Format:

In person - with simultaneous translation  
No payment required





## Day 1 - Professor Lehana Thabane

### Methodological Issues in Hospital-based Research

9 - 10 am

*The importance of teaching evidence-based medicine principles in health professional training*

10 - 11 am

*Shifting the focus away from binary thinking of statistical significance towards education: Revisiting the debate on whether it's time to get rid of statistical significance in science*

11 - 11:15 am

**Break**

11:15am - 12:15pm

*Pilot and feasibility studies in hospital-based research*

12:15 - 1:45 pm

**Lunch**

1:45 - 2:45 pm

*The use of pragmatic trials in knowledge translation*

2:45 - 3:45 pm

*Tips for writing proposals or grants successfully*

3:45 - 4 pm

**Break**





## Day 2 - Professor Jean-Eric Tarride

### Hospital-based HTA: an overview

9 - 9:30 am

***The importance of considering HTA when introducing new technologies in the healthcare system***

9 - 9:30 am | *Rationale, definition, how HTA is used internationally*

9:30am - 12:30pm

***An overview of methods used in HTA***

9:30 - 10:30 am | *Clinical evidence, meta-analysis, network meta-analysis; quality assessment*

10:30 - 10:45 am | ***Break***

10:45 - 11 am | *Types of economic evaluation in health*

11 am - 12 pm | *How to conduct an economic evaluation: trial- or model based economic evaluation*

12 - 12:30 pm | *Budget impact analysis*

12:30 - 2 pm

***Lunch***

2 - 2:30 pm

***Challenges and opportunities in conducting Hospital HTA***

*International experience/framework  
Canadian Hospital HTA units*

2:30 - 3:30 pm

***Case studies***

→ *1 case study of a technology given in the hospital which only impacts hospital length of stay (i.e.no impact after patient left hospital)*

→ *1 case study of a technology given in the hospital which impacts hospital length of stay and re-admissions*

3:30 - 3:45 pm

***Break***

3:45 - 4:15 pm

***Future of hospital-HTAs***

4:15 - 5 pm

***Open Discussion***

