10:00 AM - 10:15 AM | EAST BALLROOM – OPENING REMARKS by Dr. Kathryn Bennett, Acting chair of HEI

PLENARY SESSION I – EAST BALLROOM
9:00 AM - 9:30 AM
Creating practice-based evidence from complex, dynamic, public health interventions – Dr. Shrikant Bangdiwala
9:30 AM - 9:45 AM
Discussion – Moderator: Dr. Mitchell Levine

DAVID L SACKETT SCHOLARSHIP RECIPIENT 2016 - 2017
9:45 AM - 10:10 AM
Enhancing interpretation of patient-reported outcomes in clinical research and evidence-based decision making – Tahira Devji, PhD candidate

10:10 AM - 10:30 AM | CENTRE/SOUTH WEST BALLROOM & FOYER – REFRESHMENT BREAK AND POSTER VIEWING

1:00 PM – 2:15 PM | ORAL ABSTRACT SESSIONS

EAST BALLROOM - Concurrent session A - Moderator: Dr. Laura Anderson
1. Arnab Agarwal – Decision aids for prostate cancer screenings: a systematic review and meta-analysis
2. Herman Johal – Venous thromboembolism prophylaxis in lower extremity orthopaedic trauma: A network meta-analysis
3. Jessica Bartoszek – Does consecutive influenza vaccination reduce protection against influenza?
4. A systematic review and meta-analysis
5. Jayneel Limbachia – The association between time in Canada and diet quality in South Asian immigrants: A study of pregnant women
6. Vahid Ashoori – Comparison of the effect of specialized anticoagulation management system care versus usual anticoagulation care on patient-important outcomes: A systematic review and meta-analysis

MacNAB ROOM - Concurrent session B - Moderator: Dr. Lawrence Mbuagbaw
1. Aaron Jones – Comparing the performance of several machine learning and conventional statistical methods for prediction of hospital and emergency department utilization among community-dwelling older adults
2. Sergei Muratov – Incident senior high cost users in Ontario: Predictors of urgent index hospitalizations
3. Justin Lee – Medication predictors of high cost healthcare use among older adults
4. Harshukh Benipal – High Adverse Event Rates for Oral Anticoagulants Post-hospital Discharge
5. Pakeezah Saadat – Postoperative ICU admissions and in-hospital mortality in elderly patients: An observational study on 17,213,045 patients

PLENARY SESSION II – EAST BALLROOM
3:00 PM - 3:15 PM
Discussion – Moderator: Dr. Lehana Thabane

3:30 PM - 4:30 PM | CENTRE/SOUTH WEST BALLROOM & FOYER – RECEPTION
PLENARY SESSION I

Creating practice-based evidence from complex, dynamic, public health interventions

PRESENTER: Dr. Shrikant Bangdiwala

Synopsis: Community-based interventions raise evaluation challenges since they address many risk factors simultaneously, are often non-randomized and overlapped in their implementation, and their implementation may be phased over time. We propose a statistical and analytic framework for evaluating the effectiveness of such multilevel, multisystem, multi-component, community-driven, dynamic interventions. The methodology is illustrated by evaluating the effectiveness of South African community-centered injury prevention and safety promotion interventions.

Moderator: Dr. Mitchell Levine

PLENARY SESSION II

The Centre for Medicinal Cannabis Research: methodological challenges and opportunities

PRESENTER: Dr. Jason Busse

Synopsis: Medicinal cannabis may play a role in the management of some common disorders, such as chronic pain, anxiety, muscle spasms, and sleep disorder. Patient-important outcomes for these conditions (e.g. pain, quality of life) are commonly reported as continuous data; however, clinical trialists often capture similar outcomes using different instruments. This presents challenges when pooling data for meta-analysis. This presentation will discuss the merits and limitations of different approaches for pooling different outcome measures that tap into common domains.

Moderator: Dr. Lehana Thabane