

# Introductory course on systematic reviews and meta-analyses

## Presented by

The Knowledge Translation Program,  
Li Ka Shing Knowledge Institute,  
St. Michael's Hospital

Dalla Lana School of Public Health,  
University of Toronto

## Instructors

Drs. Andrea C. Tricco & Sharon Straus

## Cost

\$1,800 CAD (If affiliated with the SPOR Evidence Alliance, it is freely available. Please email [Meghan.Storey@unityhealth.to](mailto:Meghan.Storey@unityhealth.to) to apply.)

## Session date

January 6 – April 3, 2020

## Topics include

- How to formulate a review question
- How to develop a review protocol
- How to abstract data
- How to appraise the quality of studies
- How to perform a meta-analysis

## Learning Objectives

- Differentiate systematic reviews from other types of reviews, including qualitative evidence reviews
- Identify which organizations conduct systematic reviews
- Discern individuals who can be involved with the systematic review team
- Distinguish between different types of evidence that can be summarized in a systematic review
- Develop a systematic review question
- Establish the eligibility criteria for a systematic review
- Create a systematic review protocol

This is an introductory course on systematic reviews and meta-analyses and will be delivered online. It is co-taught by Andrea Tricco (MSc, PhD) and Sharon Straus (MD, MSc). The overall course objective is to teach about systematic reviews in general, as well as how to conduct a systematic review. This information will be used by the students to prepare a protocol for a systematic review on the topic of their choice, with guidance from the course instructors.

The course will cover 17 modules in total. Each module consists of a video presentation, mandatory readings, optional readings, and a mandatory quiz. It is recommended that each student conduct a systematic review while taking the course. In addition, there are two assignments related to developing a systematic review question and protocol.

The students will have approximately 3 months to complete the course and the course instructors will provide high-level methodological support for the review, including a consultation with an experienced librarian and a consultation with an experienced biostatistician (if meta-analysis is being considered) upon reasonable request.

## Please note that auditing is not permitted, except in extreme or unusual circumstances

**Cancellation policy:** Refunds will not be issued for cancellations received after January 2, 2020. A processing fee of \$60 will be retained on all cancellations. Requests for cancellation must be made in writing. Registrations are not transferable. The Knowledge Translation Program reserves the right to cancel events. Registrants will be notified at the earliest possible date in the event of a cancellation. Registration fees for events cancelled by the Knowledge Translation Program will be refunded; however the Knowledge Translation Program will not be liable for any loss, damages or other expenses that such cancellations may cause.

## For more information

Please contact Meghan Storey: [Meghan.Storey@unityhealth.to](mailto:Meghan.Storey@unityhealth.to)