Systematic reviews and meta-analyses are increasingly used for evidence-based clinical and public health practice. Health-care professionals need to understand and critique this research design. This course will present an overview of the methodology specifically related to the conduct and interpretation of systematic reviews. It will cover the strengths, potential bias and limitations of systematic review methods, and provide step-by-step guidance on how to actually perform and report a systematic review. Specific details regarding appropriate methods to ensure that results of the systematic review are appropriate for future meta-analysis will also be addressed.

Individuals interested in meta-analysis of results obtained from systematic reviews are encouraged to also enroll in our additional EPIC courses: Meta-Analysis of Observational Data and/or Network Meta-Analysis.

- Understand the concept and principles of systematic reviews
- Describe the different steps of a systematic review (framing question, identifying literature, assessing the risk of bias of the studies, summarizing evidence, interpreting findings)
- Know the reporting guidelines in this field (PRISMA)

By the end of the course, participants will be able to:

Visit cuepissummer.org for a full list of courses offered in EPIC 2017