

Systematic Review and Evidence Mapping: Strategies for Critically Assessing and Summarizing Research Findings

This course prepares participants to critically assess and summarize research findings from sets of studies defined by a conceptual framework. Additionally, participants will be able to evaluate the quality of published reviews. Current techniques for systematic review, evidence mapping, and metaanalysis are presented using examples drawn from clinical medicine and public health. Participants gain familiarity with the methods and products of groups such as the U.S. Community Preventive Services Task Force, the U.S. {Clinical} Preventive Services Task Force, and The Cochrane and Campbell Collaborations. Hands-on experiences are based on a case study that is threaded across 3 days. Time is available for individual consultation from course faculty on participants' own projects. This course has received enthusiastic ratings by clinicians, researchers, graduate students, and public health practitioners. The audience is individuals interested in: conducting a systematic review, evaluating reviews, learning basic techniques of identifying the relevant literature, constructing and using evidence tables to recognize patterns across studies, becoming familiar with the U.S. Clinical and Community Preventive Services Task Forces and the Cochrane and Campbell Collaborations, acquiring skills in evidence mapping. Preparation: Participants should have completed an introductory statistics course and bring a literature review that is relevant to their interests. They should bring ideas and studies for a review or synthesis.

January, 2009

Faculty: Patricia Dolan Mullen, Dr.P.H.
Gilbert Ramirez, Dr.P.H.

Dates: January 8-10, 2009, Wednesday-Friday
Location: 7000 Fannin, Houston, Texas
20th floor, Rm 2090
Time: 8:00AM – 5:00PM
Cost: \$450