

Use of Meta-Analyses in Nutrition Research and Policy: Planning of Meta-Analysis

The First in the Series

TUESDAY, SEPTEMBER 19, 2023

Purpose

The first in the series, this workshop will feature presentations that will provide an overview of meta-analysis. Objectives of the session will be:

- To be able to apply criteria to select studies for inclusion in meta-analysis, with a focus on PICO (population (including BMI), intervention (including treatment, dose, duration), comparators (with consideration of diet), and outcomes (with consideration for adjustment for confounders/covariates)).
- To plan for subgroup and sensitivity analyses when planning a meta-analysis.
- To use an appropriate data management system for extracting data.

12:00 PM Welcome

Katherine Tucker, University of Massachusetts Lowell; Planning Committee Chair

12:05 PM Sponsor Remarks

Sarah Gebauer, U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition
Crystal Rivers, U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition

12:20 PM Presentations

Moderator: Amanda MacFarlane, Texas A&M University; Planning Committee Member

Presenters:

Systematic Reviews & Meta-Analysis for Developing Nutrition Guidance: The Core Pillars of Planning and Methods to Deliver High Quality, Useful Synthesized Evidence

Part 1: The Planning Pillars

Celeste Naude, Stellenbosch University

Part 2: The Methods Pillars to Reduce Risk of Bias

Lee Hooper, University of East Anglia

1:20 PM Panel Discussion

Celeste Naude, Stellenbosch University

Lee Hooper, University of East Anglia

Sydney Newberry, RAND Corporation

Christopher Schmid, Brown University School of Public Health

1:50 PM

Closing Remarks

Mei Chung, Tufts University; Planning Committee Member

MEETING ADJOURNS