

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*

Sydne 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