

Systematic Review and Meta-Analysis

The Art of Synthesizing Research

An Advanced Research Methodology Study Group presented by the University of Maryland Baltimore County College of Arts and Humanities, and Social Sciences, Department of Education



Led by Dr. Chris Rakes

Description

- The synthesis of results of multiple studies provides **more compelling evidence** than results of any single study.
- Systematic Review is a process that **maximizes the reliability and internal, external, and construct validity** of research synthesis findings.
- Meta-Analysis is a statistical process of **comparing and contrasting results** from multiple studies, usually by computing and analyzing effect sizes.

Objectives of the Study Group

Participants will

- understand the process of conducting a systematic review and meta-analysis.
- identify and critique a systematic review and meta-analysis in their fields.
- plan and conduct a systematic review and meta-analysis of research in their fields.
- work independently and collaboratively to write a manuscript based on their systematic review and meta-analysis.
 - learn and practice scholarly writing conventions for their fields (e.g., APA, Chicago Style, MLA)
 - provide peer review of other participants' studies.

Where? Sherman Hall A, Room 422 (Language, Literacy, & Culture Conference Room)

When? Fridays 10:30 AM to 12:30 PM, First Session is February 14.

Can I Get Course Credit? Yes! Independent Study is Available Optionally.

Other Questions? Contact Dr. Rakes at rakes@umbc.edu

**Don't Miss this Opportunity to Enhance
Your Research and Writing Skills in a
Supportive Environment!!!**