Systematic Review and Meta-Analysis, 2015
EPID 731
1 credit

Instructor:
Charles Poole
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Course description:
Provides training in systematic review and meta-analysis. Topics include problem definition, defining and searching the literature, extracting results and study characteristics, data set preparation, publication bias and funnel plot analysis, analysis of overall heterogeneity, stratified and meta-regression analysis of study and population characteristics, and preparation of reports for publication.

Prerequisites: None

Course requirements:
Attendance and class participation are required for a P. For an H, students may begin a meta-analytic collaboration intended for publication with the instructor as a co-author or conduct an analysis and write a brief report with a meta-analytic data set and instructions that will be provided.

Recommended resources:

Cochrane Collaboration Handbook: www.cochrane.org/resources/handbook/


### Lectures:
1. Introduction and overview
2. Defining and searching the literature
3. Extracting results and study characteristics
4. Funnel plots and publication bias
5. Overall heterogeneity
6. Study characteristics

### Schedule:
2301 McGavran-Greenberg Hall
12:30 PM – 1:45 PM

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