**MECCIR Standards:**

**Methodological Expectations for Campbell Collaboration Intervention Reviews**

Presenter: Julia H. Littell

Text version of PowerPoint™ presentation for webcast sponsored by the Center on KTDRR, American Institutes for Research.

Webcast information: **https://ktdrr.org/training/webcasts/webcast41-43/42/index.html**

**Title Slide Template:** Blue background; on the bottom of the page, AIR logo on the left with American Institutes for Research (AIR) under the logo. On the right, Campbell Collaboration logo wth Better evidence for a better world underneath the logo.

**Slide 0: MECCIR Standards: Methodological Expectations for Campbell Collaboration Intervention Reviews**

Webcast sponsored by AIR’s Center on Knowledge Translation for Disability and Rehabilitation Research (KTDRR)

Julia H. Littell, Professor, Bryn Mawr College

Former Editor-in-Chief, Campbell Collaboration

**Slide 1: Background**

* The Campbell Collaboration
  + Produces systematic reviews of credible evidence to inform policy and practice
  + Develops guidelines and standards for the conduct and reporting of systematic reviews (SRs)
  + MECCIR standards aim to reduce bias and error, increase transparency at each step in the review process

**Slide 2: Context**

* MECCIR standards are part of a suite of Campbell guidelines and standards for SRs, including
  + General guidelines for SRs (updated 2016)
    - https://campbellcollaboration.org/library/campbell-collaboration-systematic-reviews-policies-and-guidelines.html
  + Guidelines for information retrieval (updated 2017)
    - https://www.campbellcollaboration.org/library/searching-for-studies-information-retrieval-guide-campbell-reviews.html
  + Guidance on specific topics, e.g., economic methods, network meta-analysis, synthesis of single subject designs

**Slide 3: MECCIR standards**

* Adapted from Cochrane’s MECIR standards (Methodological Expectations of Cochrane Intervention Reviews, Chandler et al., 2012)
* For SRs on *interventions* relevant for social and economic policy
* Separate standards for conduct and reporting of SRs

**Slide 4: MECCIR conduct standards**

* https://campbellcollaboration.org/library/campbell-methods-conduct-standards.html
* Steps to reduce bias and error in the review process: clear objectives, clear inclusion criteria, include unpublished studies that meet criteria, reliably extract data from studies, etc.
* 44 mandatory standards - must be met prior to publication in the Campbell library
* 28 highly desirable standards - should generally be met, but there are justifiable exceptions
* 4 optional items - done at the authors’ discretion

**Slide 5: MECCIR reporting standards**

* https://campbellcollaboration.org/library/campbell-methods-reporting-standards.html
* Steps to produce transparent, replicable systematic reviews: detailed description of search, screening, coding, analytic, and synthesis procedures
* 69 **mandatory** items
* 37 **highly desirable** items
* 2 **optional** items

**Slide 6: Using the MECCIR standards**

* Don’t be intimidated by the sheer number of items; many of these standards are easily met
* Help is available – in the form of written guidelines and *in vivo* and online training – from the Campbell Collaboration and other sources

**Slide 7: Suggestions for MECCIR: Documents**

* Campbell policy guidelines, Cochrane Handbook
* Campbell checklists and templates (process) for
  + Title registration
  + Protocols
  + Completed reviews
* Available on website and from Campbell’s Managing Editors

**Slide 8: Support: Campbell training**

* *In vivo* workshops and online training videos follow steps in the review process:
* Problem formulation, searching, screening and selection of studies, data extraction, risk of bias assessment, meta-analysis
* Introductory methods video series
  + https://www.campbellcollaboration.org/the-introductory-methods.html
* Advanced methods video series
  + https://www.campbellcollaboration.org/the-advanced-methods-applied-topics.html

**Slide 9: Contact us!**

* Email:  info@campbellcollaboration.org
* www.campbellcollaboration.org
* @campbellreviews on Twitter
* The Campbell Collaboration on Facebook

**Slide 10: Thank you!**

* We invite you to:
  + Provide your input on today’s webcast
  + Share your thoughts on future webcasts topics
* Please contact us: ktdrr@air.org
* Please complete brief evalutation form: http://www.surveygizmo.com/s3/3831773/campbellmethods

**Slide 11: Disclaimer**

* The contents of this presentation were developed for a webcast sponsored under grant number 90DP0027 from the National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR). NIDILRR is a Center within the Administration for Community Living (ACL), Department of Health and Human Services (HHS). The contents of this presentation do not necessarily represent the policy of NIDILRR, ACL, HHS, and you should not assume endorsement by the Federal Government.