

The Pieces of Systematic Review

For this series we will be looking at two case studies- a systematic review and a scoping review which share similar topics to make things easier. Below you will find the initial email from each client. Following these are a small set of articles to read before the session.

Client 1 email

Prof Foster,

I have been working on a review for publication for the past 2 months on diabetes and depression and realized that I need to better document my searches. I also wanted to make sure that I have looked in the right places. I have searched Pubmed, Medline, Ebsco, ScienceDirect, and google scholar using "diabetes" and "depression" and have collected over 100 articles. I look forward to meeting with you.

What questions do you have for the client 1? What will you ask the client to send you before the meeting? What will you look at/search for before the meeting?

Client 2 email:

Dear Ms. Foster

My professor said that I should contact you for assistance with a systematic literature review I am working on with her and another graduate student. I need to examine all of the evidence concerning diabetes and depression and physical activity. I want to look at the correlations and measures of physical activity and depression. My professor wants me to search Medline, Cochrane CENTRAL, Web of Science, and JStor. When can we schedule a meeting?

What questions do you have for the client 2? What will you ask the client to send you before the meeting? What will you look at/search for before the meeting?

Articles to read

Overview of review types

The following are brief commentaries discussing types of reviews which can be helpful in understanding the current landscape of reviews. Both are open access with links provided.

Gough, D., Thomas, J., & Oliver, S. (2012). Clarifying differences between review designs and methods. *Systematic Reviews*, 1, 28. doi:10.1186/2046-4053-1-28
<https://systematicreviewsjournal.biomedcentral.com/articles/10.1186/2046-4053-1-28>

Moher, D., Stewart, L., & Shekelle, P. (2015). All in the Family: systematic reviews, rapid reviews, scoping reviews, realist reviews, and more. *Systematic Reviews*, 4, 183
<https://systematicreviewsjournal.biomedcentral.com/track/pdf/10.1186/s13643-015-0163-7>

On scoping reviews

The following articles cover the methods of scoping reviews, the first is one of the first article to describe the reasoning and process of scoping reviews, with the second being a standard of conducting a scoping review. For both of these, focus on the framing of the question and the overall steps.

Arksey, H., & O'Malley, L. (2005). Scoping studies: Towards a methodological framework. *International Journal of Social Research Methodology*, 8(1), 19-32.
doi:10.1080/1364557032000119616

Peters MDJ, Godfrey CM, McInerney P, Soares CB, Khalil H, & Parker D. (2015) *The Joanna Briggs Institute Reviewers' Manual 2015: Methodology for JBI Scoping Reviews*. University of Adelaide, Australia.
http://joannabriggs.org/assets/docs/sumari/Reviewers-Manual_Methodology-for-JBI-Scoping-Reviews_2015_v2.pdf

On systematic reviews

For this webinar we will focus on framing questions for reviews, so focus on those sections in the following publications.

Schiavo J and Foster MJ. "Planning the Review, Part 1: The Reference Interview" p. 31-48 In Foster MJ and Jewell ST (Eds.) (2017) *Assembling the Pieces of a Systematic Review: A Guide for Librarians* (Medical Library Association Books Series) Lanham: Rowman & Littlefield. ISBN 978-1-4422-7701-4.

Guayyat et al (2011) GRADE guidelines: 2. Framing the question and deciding on important outcomes *Journal of Clinical Epidemiology* 64:395-400.
[https://www.jclinepi.com/article/S0895-4356\(10\)00331-8/pdf](https://www.jclinepi.com/article/S0895-4356(10)00331-8/pdf)