

Missteps and do-overs: When attempting novel methods doesn't go as planned



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Killam Scholar

RESEARCH BOOTCAMP

for Research & Teaching Assistants and Graduate Students

ONLINE

Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq. We are all Treaty people.

Evidence Synthesis

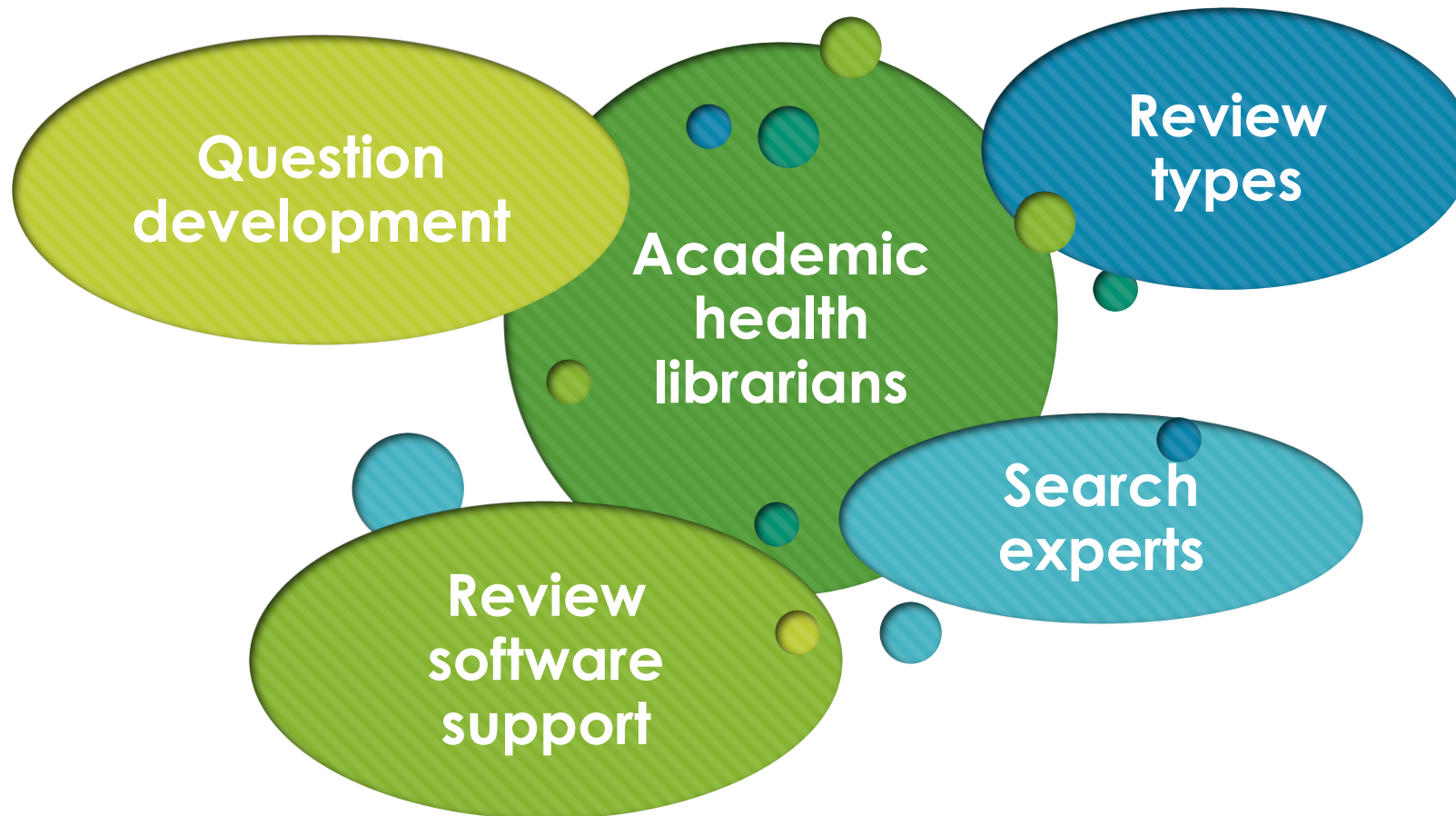
Presented by Robin Parker,
WK Kellogg Health Sciences Library



0:45 / 32:03



Librarian Instruction of Methods for Evidence Syntheses (LIMES) in Online Settings



ADVISORS & INSTRUCTORS

- ❖ **Methods resources curation**
- ❖ **Online teaching & consultations**₃

Research Design:

Online, focused
ethnographic
methods



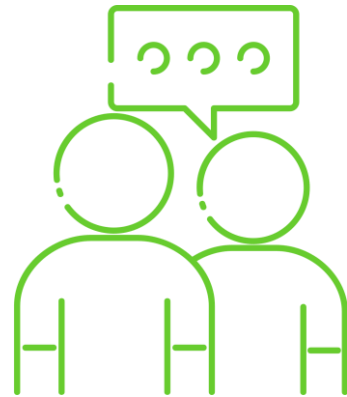
Data collection :

- 2 x Focus groups with 11 academic health librarians total
- 8 x 20 – 60 min observations of synthesis methods consults with 5 different librarians
- 5 x 90 min semi-structured interviews (with the librarians who were observed at least once)
- Brief, online questionnaire of librarian participant characteristics (n=10)

Research lens:







Sociomaterialism



LIB261: Session materials

Session materials for [Advanced search techniques for systematic reviews \(LIB261\)](#)

-  LIB261 presentation
-  Search Strategy Planning Template
- PRISMA Statement
 - aims to help authors improve the reporting of systematic reviews and meta-analyses.
 - use the checklist to help you critically appraise journal articles.
-  PRESS 2015 Guideline Evidence-Based Checklist
Structured tool for peer-reviewing systematic reviews
-  PRESS Guideline — Search Submission & Peer Assessment
Form to be filled in by searcher and reviewer under the peer review assessment of the systematic review

LIBRARIES & COLLECTIONS

KING'S
College
LONDON

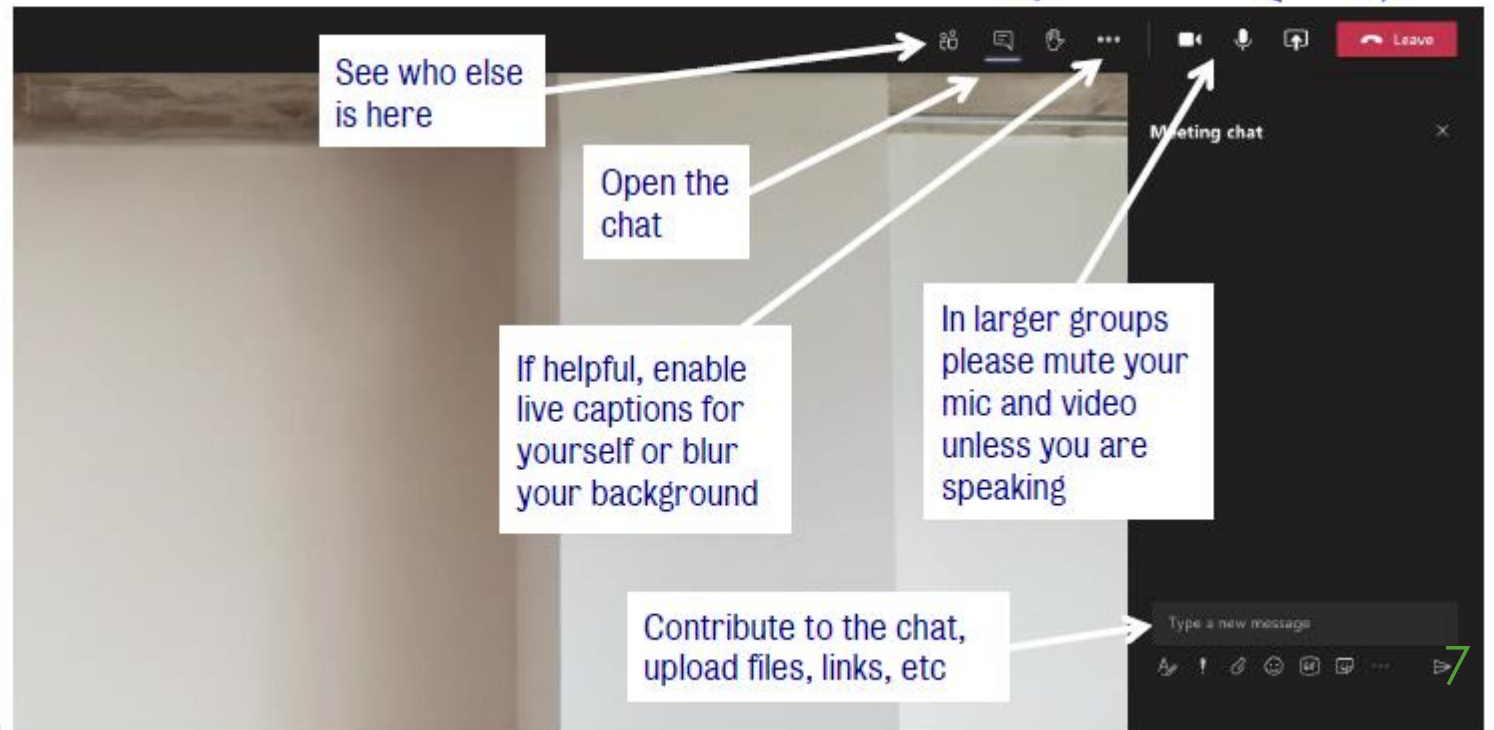


Microsoft Teams

Indicate you'd like to speak

Share your screen

Leave the meeting



See who else is here

Open the chat

If helpful, enable live captions for yourself or blur your background

In larger groups please mute your mic and video unless you are speaking

Contribute to the chat, upload files, links, etc

Meeting chat

Type a new message

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Attempt #1: asynchronous, text-based focus group

Padlet

Robin Parker • 1yr



Evidence synthesis methods instruction focus group 2

This synchronous focus group is part of a sociomaterial virtual ethnographic study examining how academic librarians instruct learners in the methods to conduct evidence synthesis (ES) research, including, but not limited to comprehensive search methods. This part of the data collection involves group reflection on instructional material with the purpose of exploring how librarians engage with the research methods content, technology, pedagogical approaches, and various other resources and materials when teaching ES to groups in online environments. Please take as much time as you need to look through the teaching material posted here and reflect on the following questions which we will discuss in the focus group meeting.

Instructions and study info



Please take as much time as you need to look through the teaching material posted here in the 3rd, 4th, and 5th columns. During the Zoom meeting on Thursday, we will discuss the reflection questions from the second column.

☆ Rate



Robin Parker 1yr

After the Zoom focus group, you will have the opportunity to add text and posts to this Padlet. At that time, feel free to respond to other

Reflection questions (initial - more prompts will be included in the Zoom call)



Question 1 - general thoughts

What are your thoughts about the ways you see evidence synthesis methods content, various technologies (both for communication and for conducting reviews), and pedagogical approaches reflected in the workshop material presented here?

Teaching slides



Search Techniques for Systematic Reviews

LIBRARIES & COLLECTIONS



Welcome! Add to the chat:

- Who you are and what brings you to the session today?
- Are you currently/will you be doing a systematic review? What is it about?

PDF



LIB261_flipped_webinar

☆ Rate



Robin Parker 1yr

Content from

Exercise/Worksheet



Library Services

KING'S COLLEGE LONDON



DOCX

LIB261_Search_Strategy_Planning_Temp late

☆ Rate



Add comment

Additional resources



PRISMA

PRISMA

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Add comment

Attempt # 2: video-reflexive ethnography(-ish)

**Clips from
observations to
prompt reflections
during online
interviews**





- ❖ **Possible discomfort with self-reflection**
- ❖ **Unfamiliarity with sociomaterialism as framework**

Emerging methodological procedures:

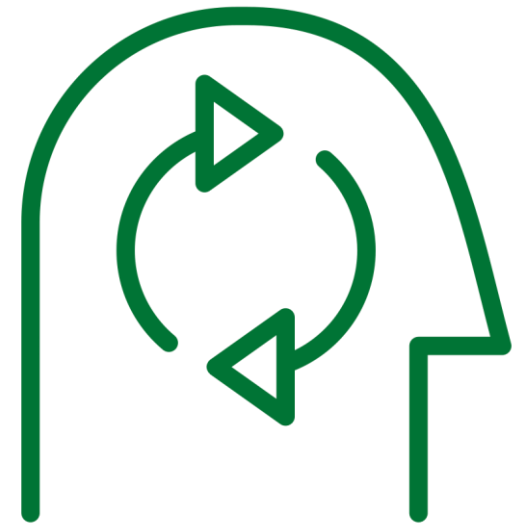
Changing Social Research Practices in the Context of Covid-19: Updated Rapid Evidence Review Synthesis of the 2021 Literature

(Nind et al., 2022)

	2020	2021
Database A*		
Web of Science Core Collection	486	2,591
Scopus	395	1,608
PsycINFO	15	98
ERIC	0	0
Social Science Premium Collection (ProQuest)	26	57
Database A Total	922	4,354
Total papers/chapters included in the synthesis	64	138

Reflexivity and context

- ❖ **Impact on my own practice, research, and teaching**
- ❖ **Relationships between technology, research methods, academic expectations, and learning**



[Link](#) to Abstract
and References



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Thank you!
Questions?