

Lit review

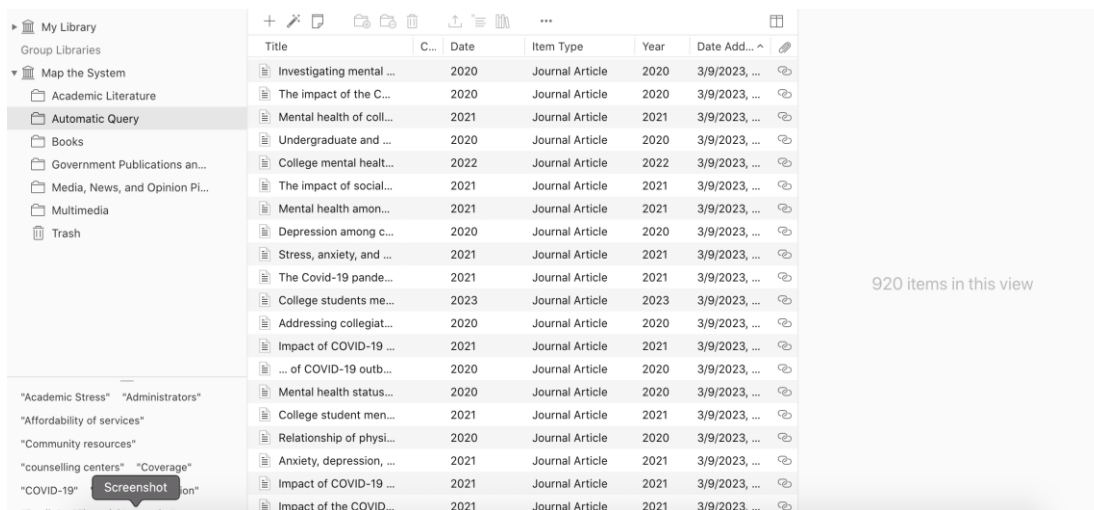
Background info: We have collected 920 publications from google scholar. The publications currently in the “automated samples” category in Zotero are split into topics. The topics can be found in the bottom right corner and are in quotation marks (ex: “academic stress”, “administrators”) Each person should will be assigned a few topics, and portions of some bigger topics. You can find which topics you are assigned to on the “Queries” spreadsheet. To efficiently divide up the work, everyone should review/screen around 133 articles. Today, we met to split up the work for who will be reviewing which topics. We have detailed this in the “responsible person” column in the spreadsheet. To avoid bias, we have randomly assigned people numbers. The number key is:

- Riley = 1
- Rachel = 2
- Hanqi = 3
- Deborah = 4
- Aaron = 5
- Lily = 6

- Finding the Spreadsheet file path: references and articles > Queries.xlsx

- For topics with multiple people divide it up by using alphabetical sorting via title from A to Z. Each take an equal proportion of the texts and mark the articles with a tag with your name

Tldr: You have been assigned to several topics and will need to review approximately ~133 articles for title and/or abstract. There are a few stages to this assignment.



Stage 1: Screen out the least relevant articles.

Ingredients: title and/or abstract

Stage 2: Make a sub-Map based on your articles which we will eventually combine.

Ingredients: full text of screened articles.

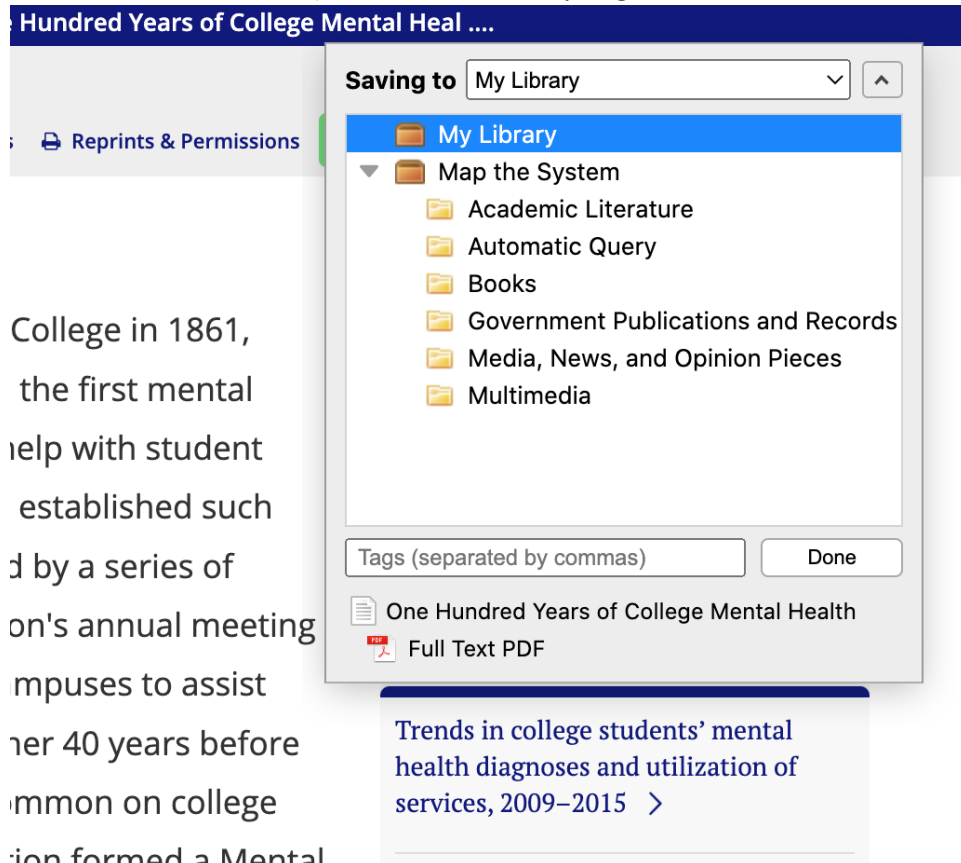
Addendum: Before combining our maps select 2-3 articles that were most representative of your topics to share with everyone and provide to the lit review team.

Instructions for Stage 1:

Overall goals for this stage: We want to narrow down which articles we would like to focus our systems maps around. If helpful, your goal could be to filter out as many articles as you can. Your goal could also be to pick the ones you are most interested in and decide how much to look at each. We are essentially looking for quality over quantity. There's no set number or proportion of articles to screen out. It's up to your best judgement and what you feel like would most inform our project.

1. Download the Zotero Google extension if you have not done so already.
2. Find your topic(s) in the spreadsheet (file path: references and articles > Queries.xlsx)
3. Open Zotero. Set your Zotero library to be alphabetically sorted A-Z.
4. In the bottom left search box on Zotero, type in 1 quotation mark (") and topics will appear.
 - a. This is because only topics have quotation marks as part of their tag. Normal tags do not have quotation marks. Therefore typing it in will filter out normal tags and present only topics.
5. Find the topic you are assigned to and click on it, a list of articles will appear in Zotero
6. Screen out articles using titles and, if you need, abstracts. You likely won't need to open the full article at this stage.
7. After deciding on which ones you want to look into further, you can follow the link to the article and use Zotero browser extension to add the article to the corresponding folder (ex: "Books,

Academic Literature, etc.) in the Zotero library to grab the full information for that article:



(Optional Info) Details on folders in the Zotero library:

- Academic Literature: Includes peer reviewed papers, articles found in academic journals, empirical studies, systematic reviews, etc.
 - Books: Includes any published books
 - Government Publications and Records: Includes any technical reports, white papers, sources of data found on any government website (ex: CDC)
 - Media, News, and Opinion Pieces: Includes any news articles, op-eds, and media articles
 - Multimedia: Includes any videos, podcasts, documentaries
8. Optional: add a note to the article in Zotero describing why you think this article would be necessary for us to review.

Instructions for Stage 2:

Stage 2's goal is to imagine how we can use the data and information in the information to inform our systems map. Are there variables or relationships highlighted in the article that will be useful for us? make the best map you can make with your chosen articles.

Note that if you are not logged into the library website, you will not be able to open full articles.

1. In your chosen articles, note the key variables and their relationships.

'Goal: make the best map you can make.

Overall plan, this covers both stages 1 and 2. It mainly focuses and expands on Stage 2:

- 1) Stage 1:
 - a. Screen out as many irrelevant things as you can, using title and/or abstract (selecting ~10%), but this is flexible.
- 2) Stage2:
 - a. In your chosen articles, scan for variables. Note the variables and map their relationships, with the end goal being to produce one map to bring on Tuesday's meeting after spring break. The map need not be comprehensive (don't worry about mapping every single thing!) Use your best judgement
 - b. When reviewing articles, you are encouraged to focus on the Discussion, Analysis, and Conclusion sections of the articles you review, pull out interrelated variables. "Thwarted belongingness", list relationships between things.
 - c. Make a map based on the articles you have filtered out. The number of articles you want to base your map on will vary, but 10% might be a good starting point.
 - d. We will meet to combine the mappings everyone has produced into our final map!
- 3) **Special Addendum: Out of the articles you have used to make your map, please select 2-3 articles of special relevance. (Preferably complete before we come together to combine mappings.**
 - a. **These articles should be provided for everyone to read, that way we have at least a good idea of our collective research. Additionally, the literature review team will need to produce a literature review and we cannot include every article you used to build the maps (10% of everyone's articles would be almost 100 articles).**