Creating and managing a systematic review service

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I couldn't have done it without my librarian.

Becker's Role

- Help define question via reference interview
- Create search strategy
- Guide database and grey literature resource selection
- Translate search strategy into all resources
- Remove duplicates
- Provide citation library in citation management software and excel workbook
- Write related methodology section for publication

Define Your Role

- Handle Expectations
- Plan Ahead

Plan Ahead

Decide as a team what tools to use to stay organized. If your team includes people you do not have physical access to, consider using tools in the cloud. This will offer the opportunity to easily collaborate on single documents rather than emailing back and forth while tracking several versions of the same document.

Reproducibility

The goal is to keep records in the most systematic way possible so that all of your work can be reproduced. That means you should keep detailed records of the exact search you used for each database and that all your searches should have an end date so that the results can be reproduced exactly every time.

I'm doing a systematic review. It's due tomorrow. Can you help me?

According to the International Committee of Medical Journal Editors, authorship credit should include a substantial contribution to the conception, design, and acquisition of data. The search strategies you design and launch and the citation data you acquire and organized falls are considered a substantial contribution.

Should I ask for authorship?

- detailed records of each search
- all your citations in a citation management program (like EndNote) so you can easily and quickly manipulate them
- a spreadsheet organized by article and sub-organized by preliminary inclusion and exclusion criteria to track why you included and excluded articles for more in-depth review
- detailed notes of in-depth reviews for each article organized by specific criteria

Don't drown, plan ahead and stay organized.

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