

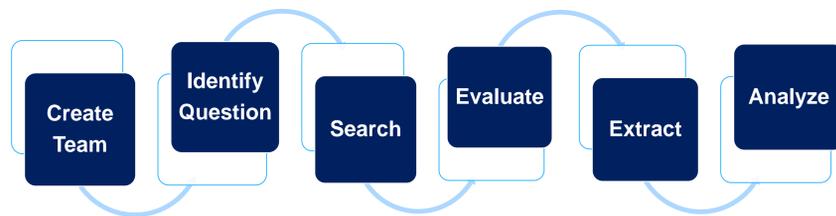
# Systematic Reviews and the Evolving Role of Librarians

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## ABSTRACT

The demand for systematic reviews (SR) in research intensive health related departments is rapidly increasing, and academic librarians have the expertise necessary to support these comprehensive reviews. In summer 2013, three University of Waterloo health librarians surveyed faculty on their current and future systematic review work. Through this process we determined researcher expectations of librarian support and identified multiple ways to meet their needs. Our poster illustrates possible librarian roles in the systematic review process, and how our expertise can be used towards knowledge creation.

## THE PROCESS OF A SYSTEMATIC REVIEW



## FACULTY COMMENTS

*"Thanks for being proactive. Please let me know if you wish to discuss this at future SPHHS faculty meetings."*

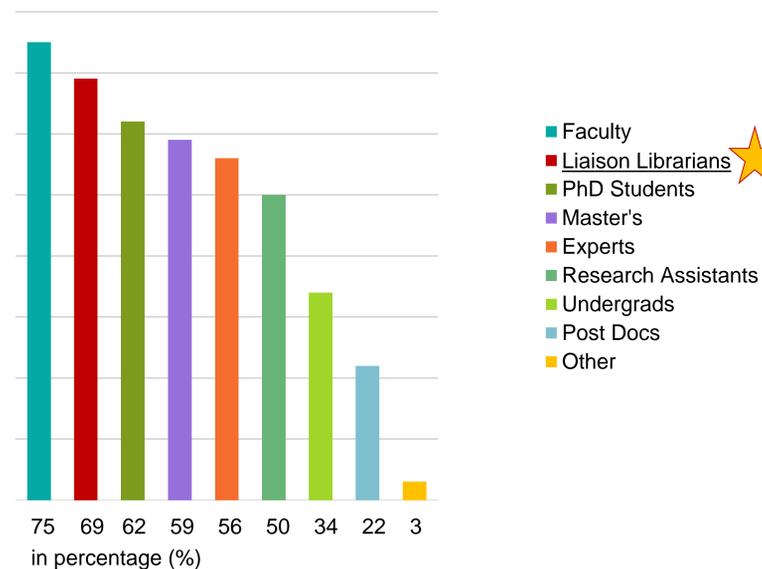
*"Help of a librarian is essential in these projects in my opinion."*

*"I see Library Liaisons as essential members of the research team for scoping and systematic reviews. My policy would be to include them as co-authors with the expectation that they would oversee the methodological development of the review and the initial data collection."*

## FINDINGS

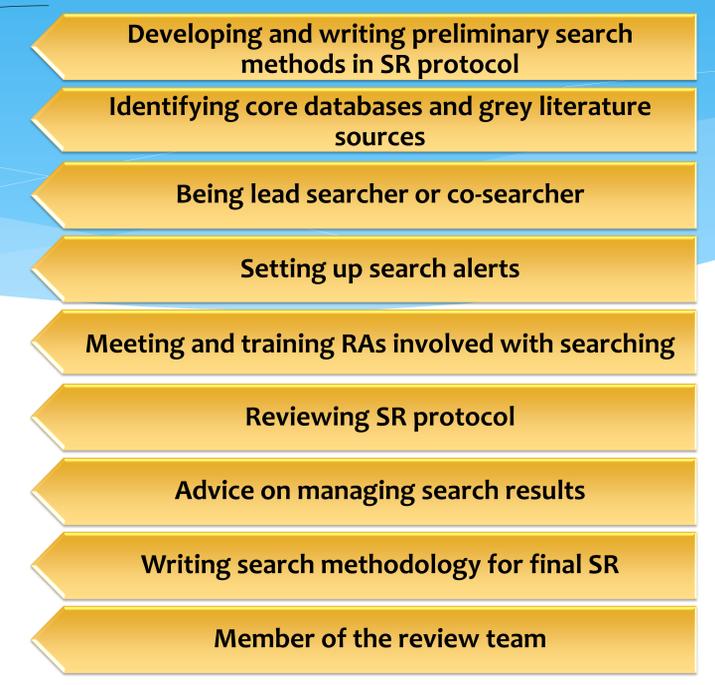
Survey results provided positive indicators, making the case for librarians to become active partners in systematic review research. Quantitative and qualitative data revealed strong faculty support.

**Question: If you were to author/co-author a systematic review, who would you include in your research team?**



**Question: If you looked to a liaison librarian for systematic review support, what level of support would be ideal?**

Answer specific questions as required	72%
Provide instruction on how to search relevant databases more effectively	53%
Create and conduct literature searches	50%
Introduce me or my team to the systematic review process	34%
Refresh me or my team on the systematic review process	31%



## CURRENT DIRECTIONS

### Subject Guide

- Finding Systematic Reviews
  - Cochrane Library
  - Health Evidence
  - PUBMED filters
- Conducting a Systematic Review
  - Cochrane Handbook
  - PRISMA
  - CRD's Guidelines
- Instructing Graduate Students on:
  - Systematic reviews
  - Scoping reviews
  - Literature reviews

### Draft Protocol

- Ensure librarians' understanding of scope and topic
- Ensure researchers' understanding of systematic review process
- Determine clear, concise research question
- Define Inclusion and exclusion criteria
- Identify process to aggregate literature
- Discuss expectations of librarian's involvement

We would like to hear from you!

Please let us know about your work with Systematic Reviews and let's start sharing our information.

Contact Shannon Gordon, shannon.gordon@uwaterloo.ca; Rebecca Hutchinson r3hutchinson@uwaterloo.ca; or Marian Davies, marian.davies@uwaterloo.ca, and let's talk!