

# SYSTEMATIC REVIEWS & EVIDENCE SYNTHESSES

CHDLT - MIAMI UNIVERSITY

OCTOBER 30, 2020

ANNA LISS JACOBSEN

*SOCIAL SCIENCES LIBRARIAN*

# OUTLINE

1. What is a Systematic Review?
2. Review / Evidence Synthesis Types
3. Librarian's Role on Evidence Synthesis teams

# WHAT IS A SYSTEMATIC REVIEW?

A comprehensive collection and appraisal of all evidence on a well-defined topic using standardized methods and tools to synthesize and transparently report conclusions

Reduce Bias

Improve reliability & validity

# DEFINITION: SYSTEMATIC REVIEW

- Answer narrowly-defined research question
  - PICO
- Comprehensive collection & appraisal of all evidence
  - Peer-reviewed & grey literature
- Documented, transparent, reproducible methods
  - Plan
  - Search
  - Screen / Appraise
  - Synthesize & Report

# REVIEW TYPES

## COMPREHENSIVE, RIGOROUS METHODS

- Systematic Review
- Meta-analysis
- Scoping Review
- Rapid Review
- Systematized Review
- Literature Review

<https://libguides.lib.miamioh.edu/systematicreviews/types>

# REVIEW TYPES

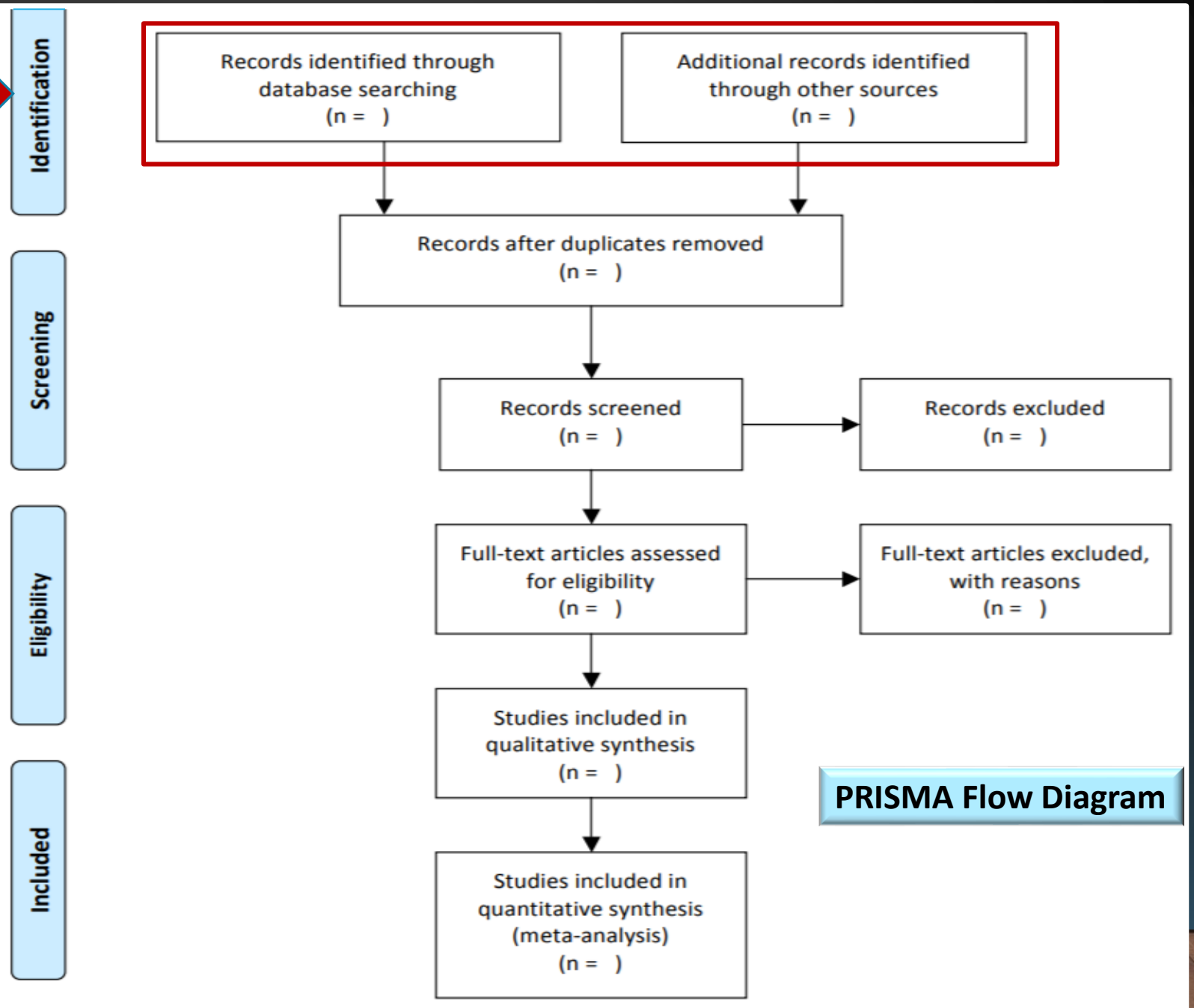
## ELEMENTS OF COMPREHENSIVE, RIGOROUS METHODS

- Systematic Review
- Meta-analysis
- Scoping Review
- Rapid Review
  - COVID-19 & “Systematic Review”
- Systematized Review
- Literature Review *Not required*

# Librarian's Role



1. Research Question
2. Plan
3. Literature Search
4. Screen / Appraisal
5. Data Extraction
6. Synthesize data / Report results



# LIBRARIAN'S ROLE: REVIEW SUPPORT AVAILABLE

- Miami University Libraries - Research Guide
- Classes / Presentations
- Consultations
- Co-Author
- Grants
- Peer Reviewer
- Thesis Committee Advisor



# THANK YOU

Anna Liss Jacobsen

*Social Sciences Librarian*

*Email [jacobsa8@miamioh.edu](mailto:jacobsa8@miamioh.edu)*

<https://libguides.lib.miamioh.edu/systematicreviews/home>