HOW TO CONDUCT A LITERATURE REVIEW

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ABOUT ME















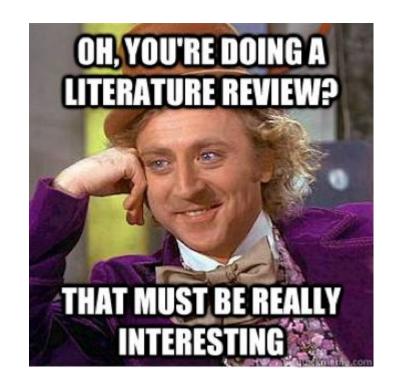






WHAT IS A LITERATURE REVIEW?

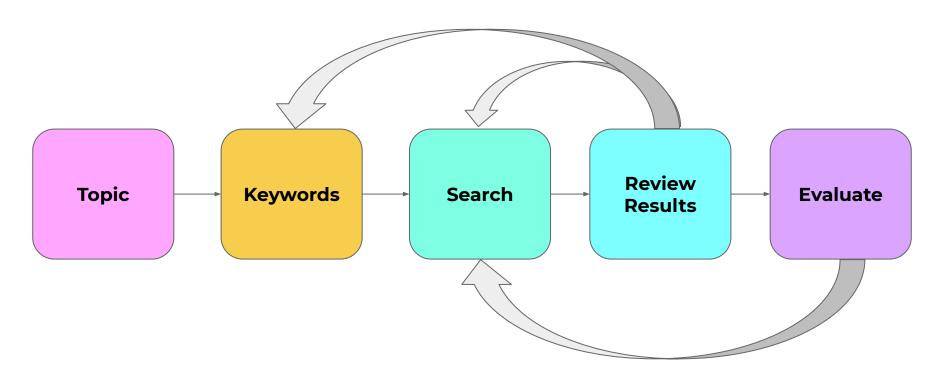
- Survey research about a particular area or topic in science
- Main purpose: knit together theories and results from multiple studies to provide an overview of the field



GOALS OF A LITERATURE SEARCH

- Describe and compare what is known about the specific area of study
 - Theories
 - Empirical research
- Evaluate what is known to provide rationale for your study
 - Commonalities and support for theories
 - Inconsistencies and/or lack of support for theories
 - Methodological limitations and how it affects interpretation
 - What is missing, why is it important, and what is needed to advance field (i.e. rationale for your study)

STEPS OF A LITERATURE REVIEW



DEVELOP A CLEAR RESEARCH QUESTION

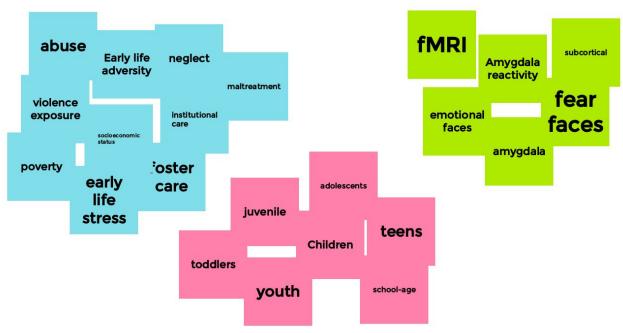
- Clearly worded research question will you develop a quality literature search strategy
 - Independent variable
 - Mechanisms / experimental manipulation or interaction variable (if relevant)
 - Dependent variable
 - Population

... Now let's come up with one!

MINDMAP YOUR RESEARCH TOPIC

Mindmap for Literature Search: Example

What is the association between early life adversity and amygdala reactivity in children?



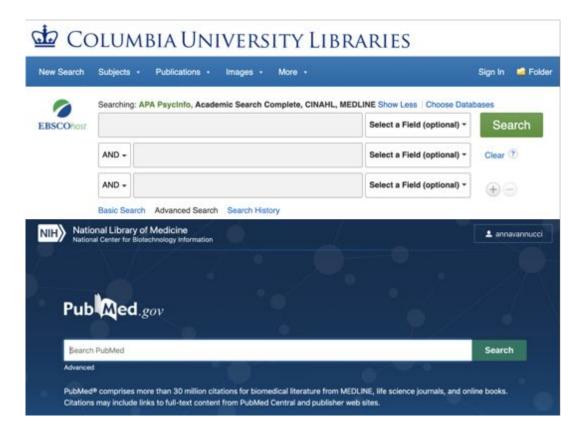
Google jamboard is a fun way to mindmap!

LET'S MINDMAP OUR RESEARCH QUESTION

https://jamboard.google.com/d/1CRcomi4udn5HS6-MPO_I9HK_ytE9GhDRBQ IBG6aTFt0/edit?usp=sharing

NOW IT'S YOUR TURN TO MINDMAP YOUR RESEARCH QUESTION

CONSIDER APPROPRIATE DATABASES









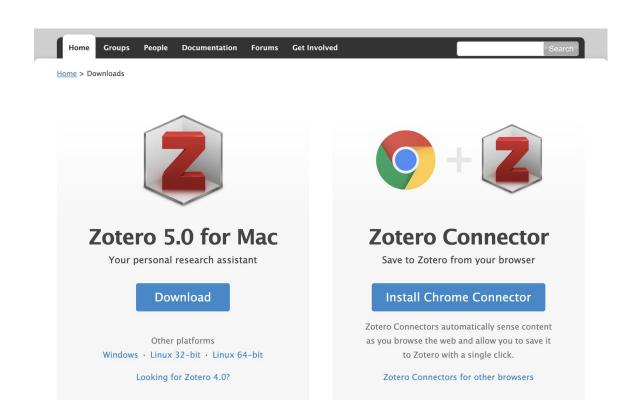
CONDUCT LITERATURE SEARCH

- Start broad using a variety of combinations of keywords
- Use search operators
 - "Quotes" to encompass the search term
 - o **AND** will find all search terms
 - o **OR** will find one or another item
 - NOT will exclude terms
- Use **limiters** (age, gender, methodology, etc.) to filter search results
- Explore subject terms used for articles to potentially add to keywords
- Supplementary search approaches to ensure saturation
 - o **Forward search** with google scholar to identify work that is cited by pivotal articles
 - **Backward search** to explore citations by pivotal articles
 - Citation search for key authors (first or last authors who show up repeatedly)

ARTICLE MANAGEMENT WITH ZOTERO



There is also a **google docs** app that allows you to insert references and create reference libraries automatically!



NOW IT'S YOUR TURN TO START A LITERATURE SEARCH

EVALUATE ARTICLES

Abstract screening

- Eliminate irrelevant literature
- Identify relevant theoretical and empirical studies

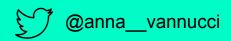
Full-text screening

- Key theories
- Empirical studies that represent both sides (don't just choose what supports your hypotheses)
- Pivotal articles for second round of the literature review

READ THE ARTICLES

- Begin with an article you find easiest or most interesting
- Read abstract to get an overview of the study
- Scan article to identify answers to key questions
 - What did they study? Why did they do it? (introduction)
 - Who did they study? (methods)
 - What did they do? (methods)
 - What did they find? (results)
 - What does it mean? (discussion, your brain)
 - What are key limitations? (discussion, your brain)
- Create table or summary sheet of each article's key points
- Read for depth





SIPPS POST-WORKSHOP SURVEY ACCESS (~1 MINUTE SURVEY)

Post-workshop survey (anonymous)

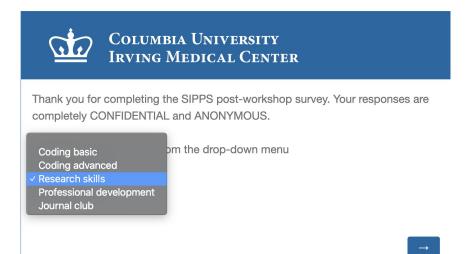
link: https://cumc.co1.qualtrics.com/jfe/form/SV_9HVYLAL5iXvjEmq



SIPPS POST-WORKSHOP SURVEY INSTRUCTIONS

LITERATURE SEARCH AND ZOTERO

Select "Research Skills"



2. Select "Literature Search & Zotero (June 17)"

