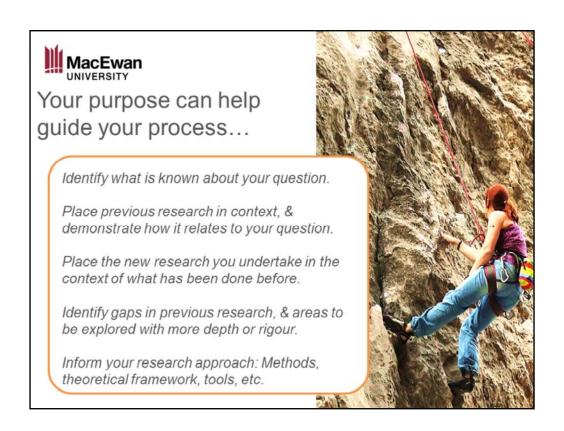


Literature reviews, citation management & other library support for your research

Tara Stieglitz & Jody Nelson April 27th, 2015

Tara Stieglitz & Jody Nelson

Literature reviews Five effective search strategies 1. Identify pertinent databases 2. Employ subject headings 3. Narrow with faceted search 4. Pursue citation-chains 5. Document your searches! Let your purpose direct your process



Of course literature reviews can serve many purposes... READ

For any literature review Scope Creep – or the ever-expanding never-finished search for literature - can be a serious hazard for those who, like me, love the thrill of the chase! Articulating what your primary purpose IS – or purposes ARE – and using that purpose to establish parameters and direct your search process can help you avoid the pitfall of scope creep.

Once you've got your purpose in mind –

Select pertinent databases Try multiple databases, as content & purpose vary Consider databases from other related disciplinary areas or with a particular focus Select pertinent databases

Not all databases are created equal! Different tools for different purposes – you will want to always try searching in several different databases.

Think outside the box! Are there crossovers with other disciplines / subjects areas? Such as Education, psychology, policy & legislation, or Sociology? Also think about what specialized content you might be looking for.

Subject	Name	Details			
Education	Education Research Complete				
Education	ERIC				
Interdisciplinary	Academic Search Complete				
Interdisciplinary	CBCA	Canadian content			
Interdisciplinary	Web of Science	Citation-chaining			
Interdisciplinary	SCOPUS	Citation-chaining			
NURSING / HEALTH	CINAHL				
NURSING / HEALTH	Medline	Indexes PubMed and Cochrane database of systematic reviews			
NURSING / HEALTH	PubMed	pre-1966 & unpublished author manuscripts			
NURSING / HEALTH	Medline Web of Science version	Easier MeSH searching & allows for Citation-chaining			
Psychology	PsycINFO				
Sociology	SocINDEX				
Select pertinent databases					

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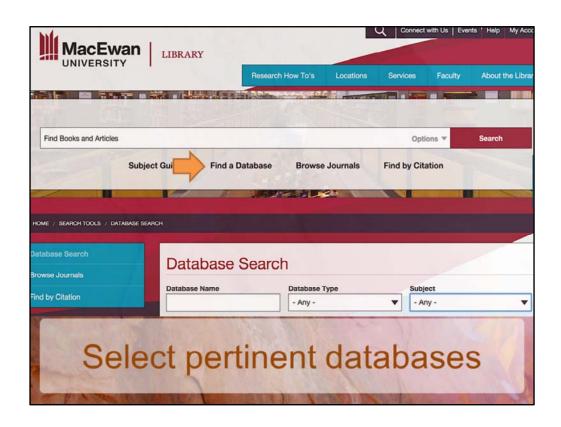
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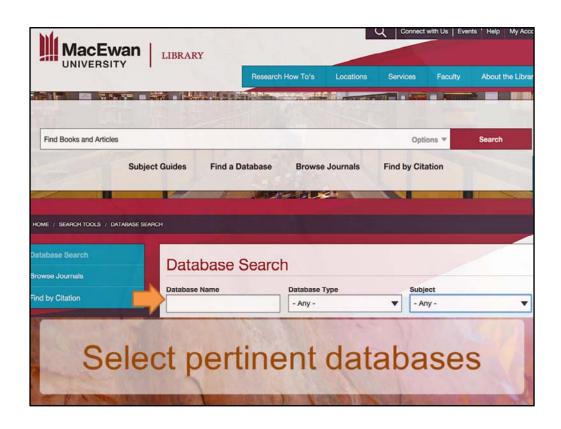
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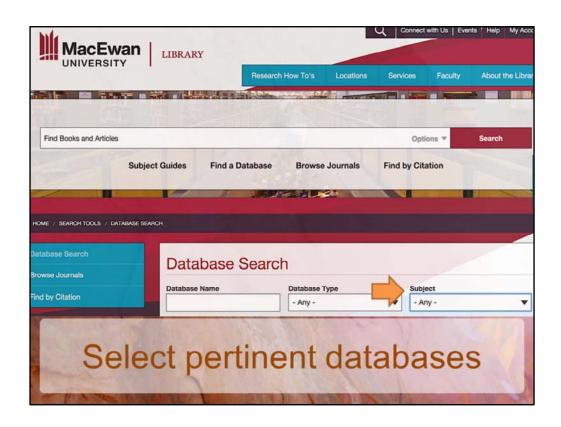
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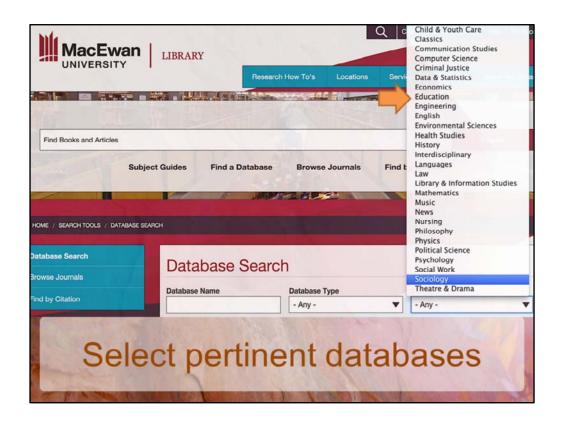
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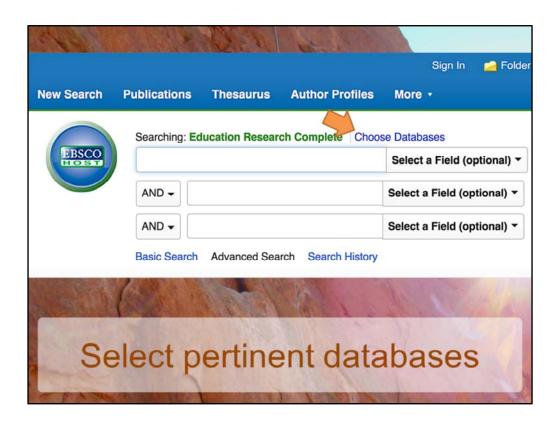
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NURSING / HEALTH	And the state of t	nultiple databases simultaneously for tracking & saving searches
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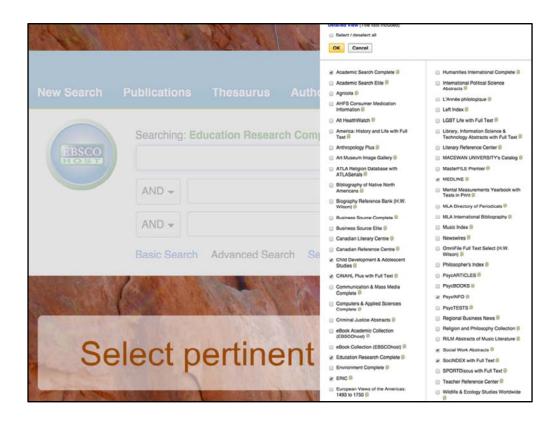


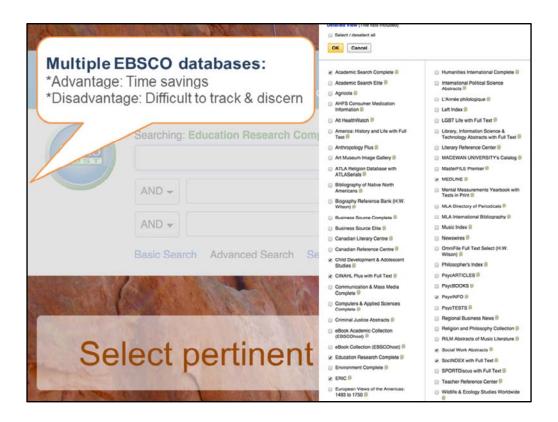












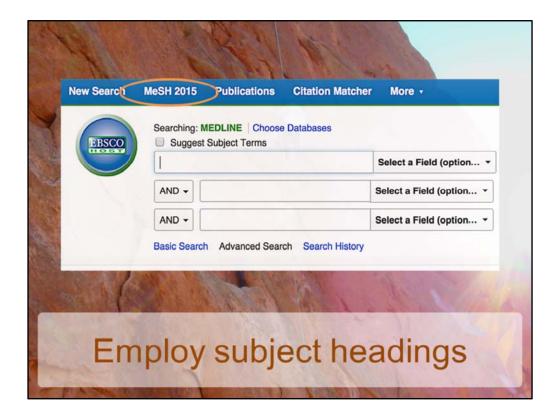
Advantage to this approach – definitely time savings- and if this is a preliminary step or not part of a literature review – possibly looking for resources for a class or for other purposes – valuable. BUT for a literature review – where tracking where you have tried, and discerning which databases are most useful for different aspects and approaches to your question – this approach may muddy the waters... something to consider.

2. Employ subject headings Identify the controlled vocabulary for the database you are searching: Thesaurus, CINAHL Headings, MeSH Select subject field searches to focus results to topic Collect other Subject Headings from your results lists Employ subject headings

I already mentioned this – but... not all databases are created equal! Different databases – particularly databases from different disciplines – will have different ways of approaching and describing your topics, just as researchers - from different disciplines, geographical regions, cultures, and academic backgrounds will talk about the same issue possibly from a slightly different perspective and using a slightly different terminology.

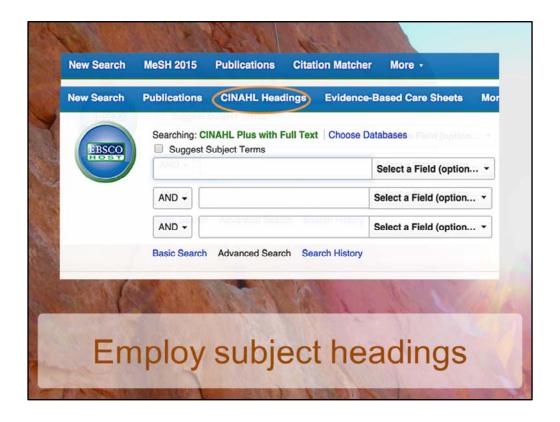
Your most powerful tool in your searches are the words you choose and how you use them. Each time you come to a database, verify: What are the authoritative subject headings being applied to the concept in this particular database?

You can do this in a number of ways -1. by checking the controlled vocabulary for the database - arranged in a hierarchy - find related words; 2. by attempting a keyword search with your best guess at the search term for a single idea - and then look at the subject headings being used! Tip: one idea at a time.



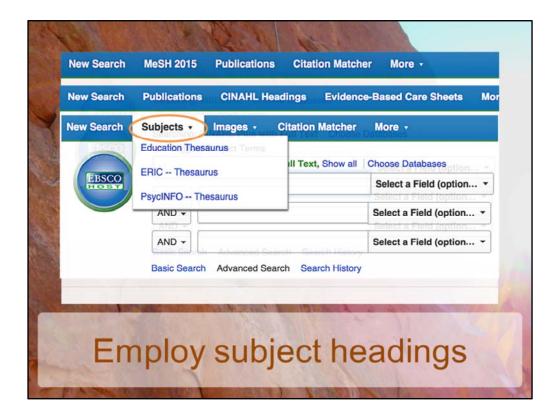
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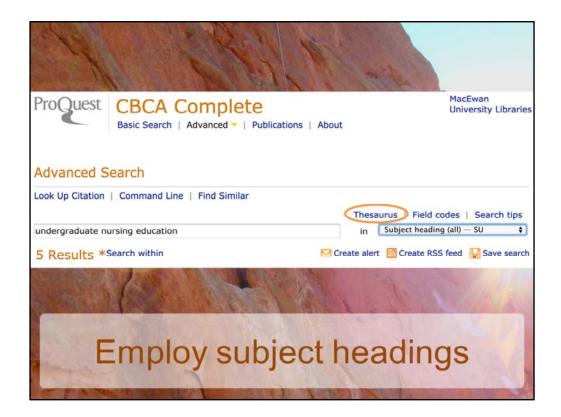
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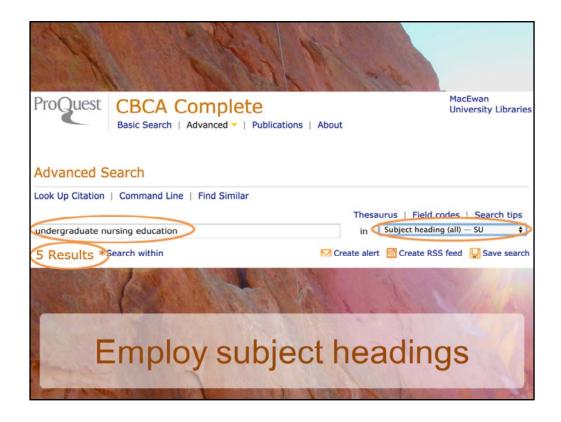
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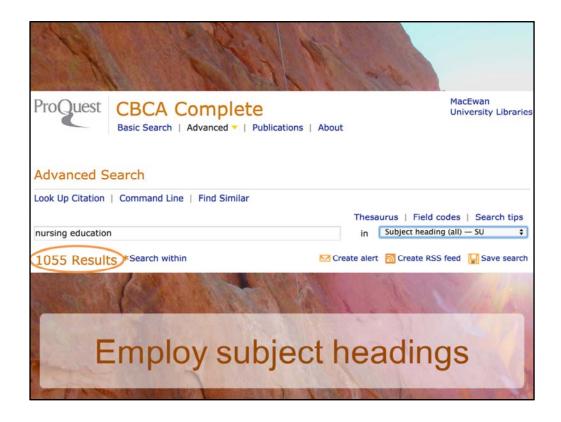
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	Sea	rch terms:	nursing students			
			Contains word(s) Begins with			
7	Bro	wse terms:	AII 0-9 A B C D E F G H I J K L M N O P Q R S T I			
	Click a term in the list below to see available narrower, broader, and related terms.					
		Nursing scho	ols 🔲			
		School that p	rovides education and training to become a fully-qualified nurse			
		Related terms	s: Health education Medical schools			
			Nursing education			
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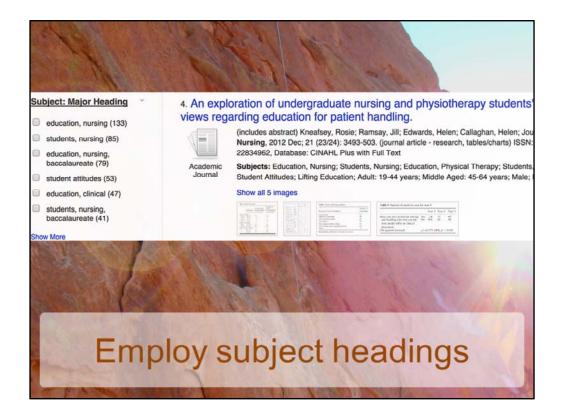
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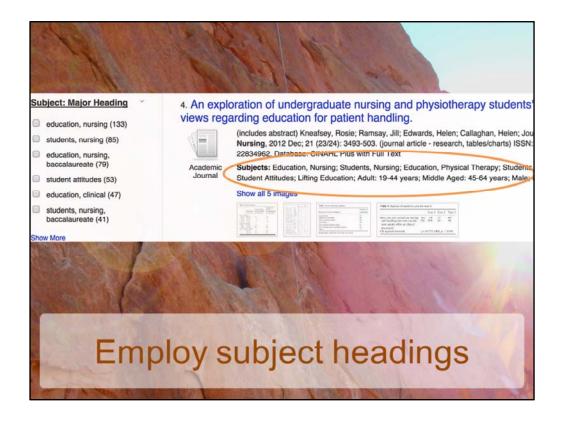
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Subject: Major Heading		
		oration of undergraduate nursing and physiotherapy students arding education for patient handling.
education, nursing (133)	violio logi	(includes abstract) Kneafsey, Rosie; Ramsay, Jill; Edwards, Helen; Callaghan, Helen; Jou
students, nursing (85)		Nursing, 2012 Dec; 21 (23/24): 3493-503. (journal article - research, tables/charts) ISSN:
education, nursing, baccalaureate (79)	Academic	22834962, Database: CINAHL Plus with Full Text Subjects: Education, Nursing; Students, Nursing; Education, Physical Therapy; Students
student attitudes (53)	Journal	Student Attitudes; Lifting Education; Adult: 19-44 years; Middle Aged: 45-64 years; Male;
education, clinical (47)		Show all 5 images
students, nursing, baccalaureate (41)		
Show More		The second secon
Empl	loy s	subject headings

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	CINAHL Headings	ERIC Thesaurus	MeSH	Education Research Comp. Thesaurus	CBCA Thesaurus
undergraduate nursing students	education, nursing	nursing education	education, nursing	nursing study and teaching	nursing education
	education, nursing, baccalaureate	nursing students	education, nursing, baccalaureate	nursing students	nursing schools
	students, nursing, baccalaureate		students, nursing	nursing school graduates	
	students, nursing		schools, nursing	nursing	
evidence- informed practice	professional practice, evidence-based		evidence based nursing		
	nursing practice, evidence-based				
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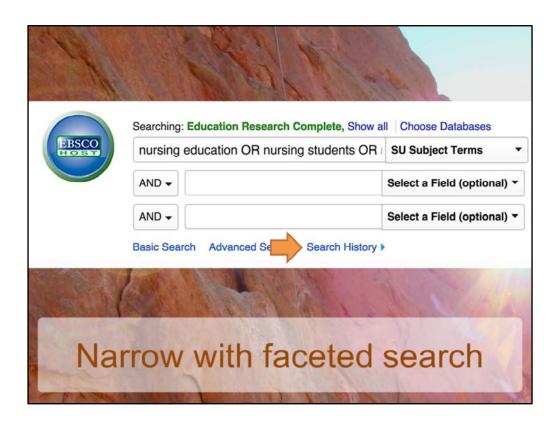
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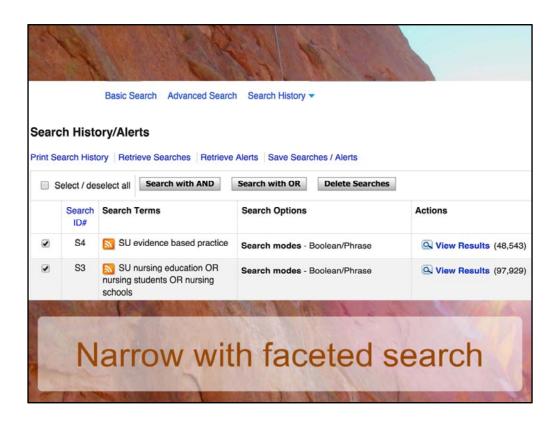
	CINAHL Headings	ERIC Thesaurus	MeSH	Education Research Comp. Thesaurus	CBCA Thesaurus
undergraduate nursing students	education, nursing	nursing education	education, nursing	nursing study and teaching	nursing education
	education, nursing, baccalaureate	nursing students	education, nursing, baccalaureate	nursing students	(nursing schools
(students, nursing, baccalaureate		students, nursing	nursing school graduates	
	students, nursing		schools, nursing	nursing	
evidence- informed practice	professional practice, evidence-based		evidence based nursing		
	nursing practice, evidence-based				
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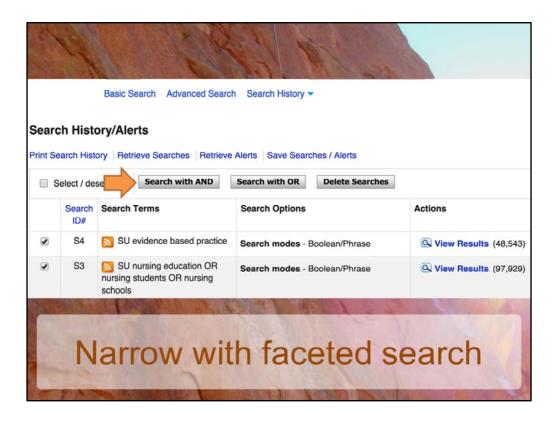
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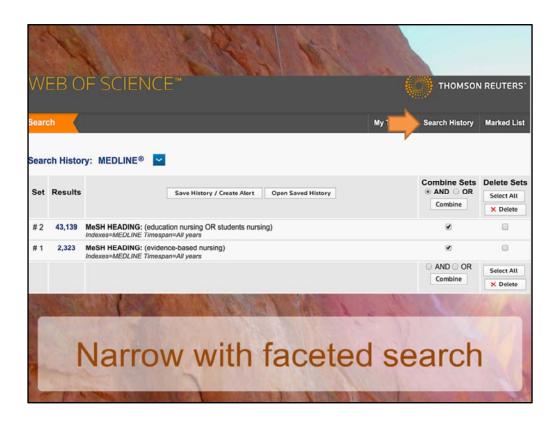
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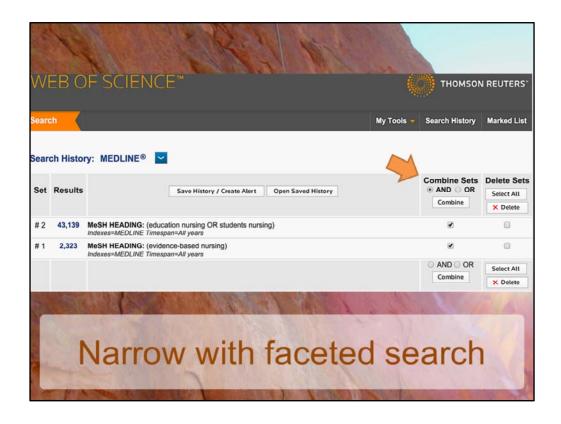
3. Narrow with faceted search > Search one main aspect, or facet, of your topic at a time (Population, Context, Intervention, Outcome) > Use related headings with OR to expand search: nursing education OR nursing students OR nursing schools > Combine these facets using AND in the search history Try multiple combinations for different results

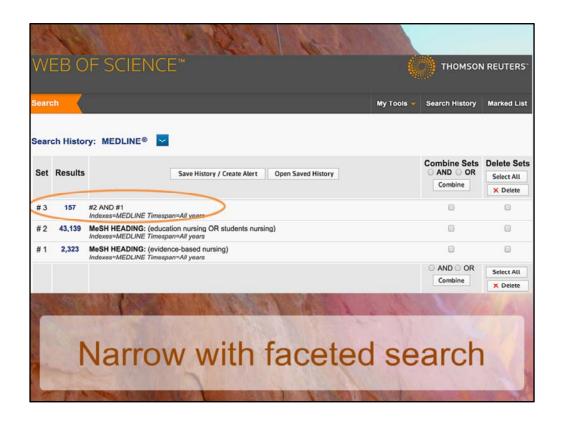


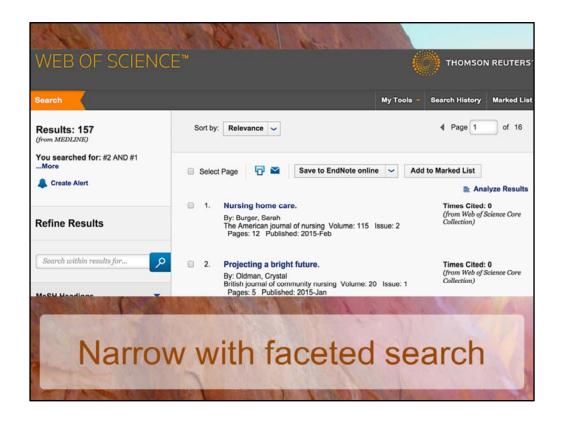


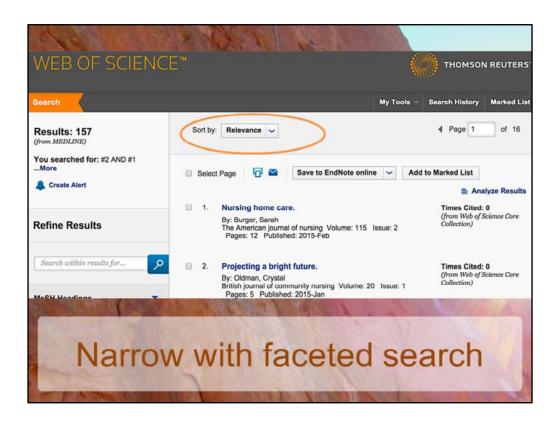


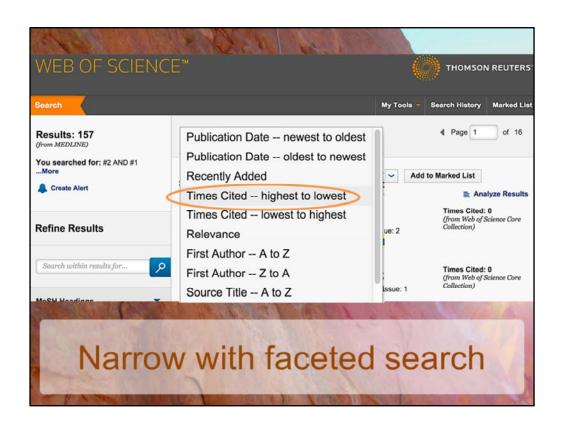


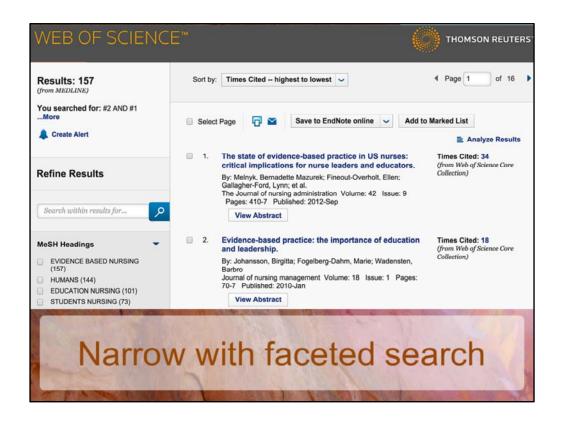




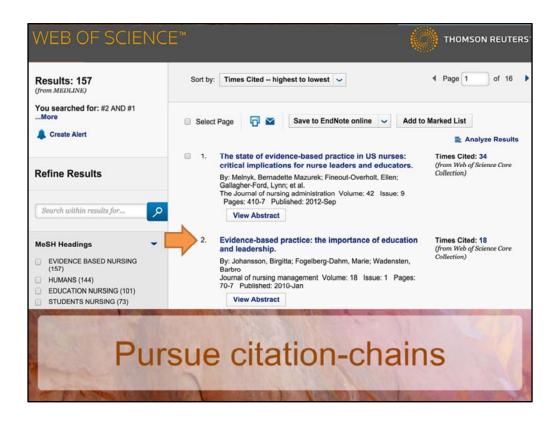


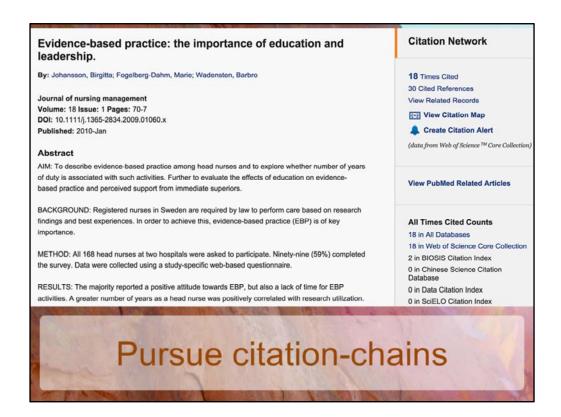


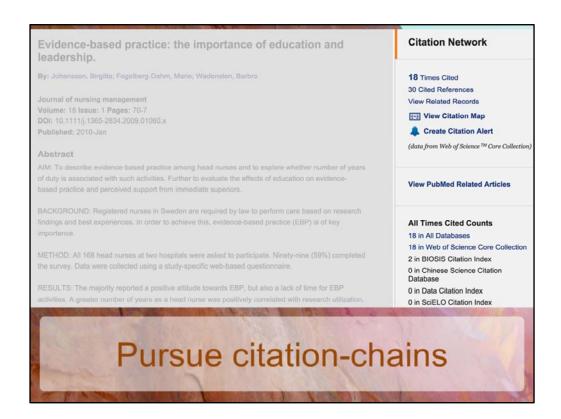


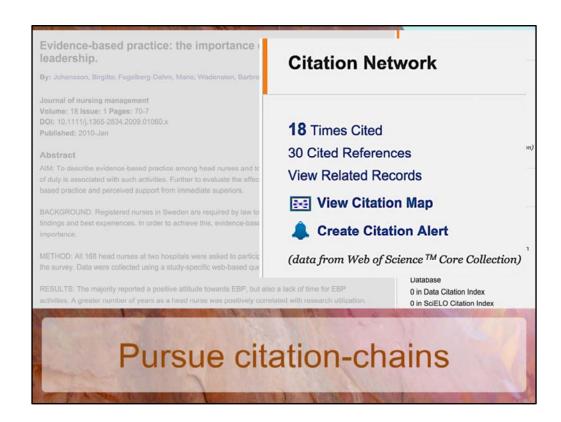


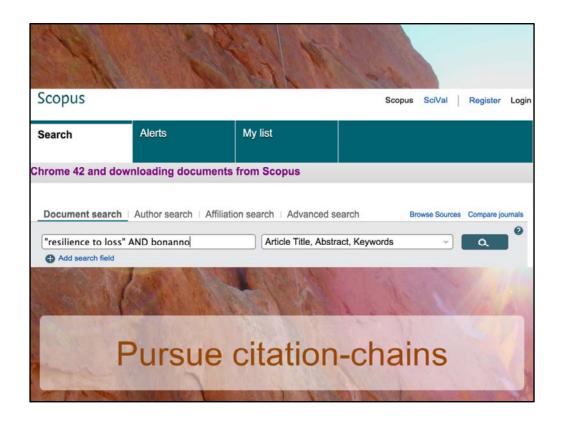






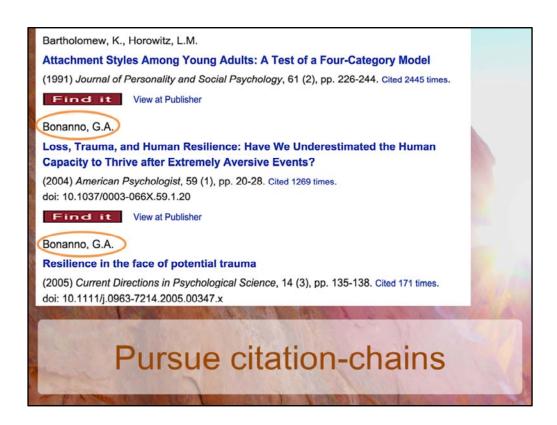














Pursue an author

Notice an excellent research study by a particular author / authors - check out their other publications with an author search.

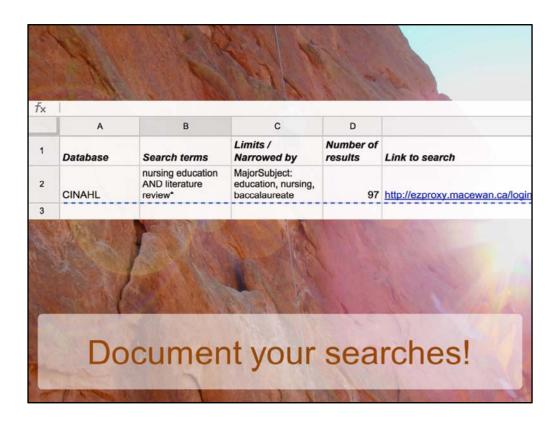
Pursue a journal

If you start to see quite a few relevant articles published in a particular, specialized journal, you may want to hand-search / browse the table of contents for issues from the year(s).

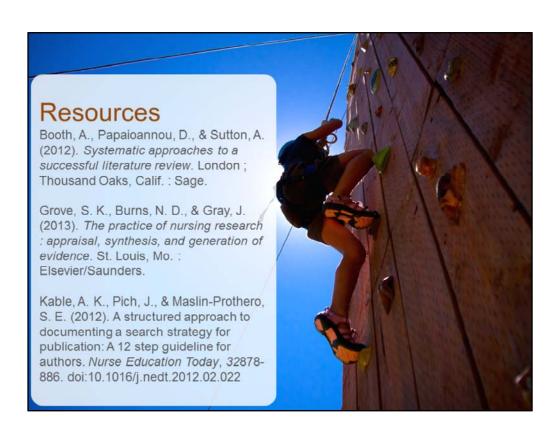
Pursue an issue

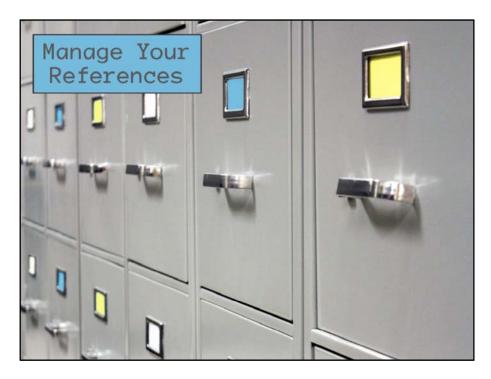
If you start to see quite a few relevant articles published in the same journal - check to see if there is a special issue on your topic!

5. Document your searches! Track databases used, subject headings & limits or strategies used, number of results Use the Search History feature in the databases Avoid repeating, re-tracing, and re-inventing Document your searches!









How many of you currently use a reference manager? Which one do you use? **Reference managers** are software that help you manage references, common features include:

- importing references from databases
- allowing you to sort references with folders and tagging
- share references
- creating citations and bibliographies in a variety of formats
- plugins that work with MS Word to insert citations and bibliographies

Reference Manager	EndNote Basic	EndNote Desktop	RefWorks	Oflow	MENDELEY	zotero
Ownership	Thomson Reuters	Thomson Reuters	ProQuest	ProQuest	Elsevier	Non-profit open-source project
Cost	Free	~\$250.00	\$100	Free	Free	Free
Paid version	N/A	N/A	N/A	Pay for premium edition	Pay for additional storage	Pay for additional storage
Available free storage	50,000 references	N/A	N/A	2GB	2GB	300MB
Stores PDF documents	No	Yes	Yes	Yes	Yes	Yes
Organize reference into folders/groups	Yes	Yes	Yes	Yes	Yes	Yes
Annotate documents	No	Yes	No	Yes	Yes	No
Number of supported citations styles	21	6000	3000	3000	1000s	7000
Reference stored on the web	Yes	Yes	Yes	Yes	Yes	Yes
References stored on personal computer	No	Yes	No	No	Yes	Yes
Ability to share references	Yes	Yes	Yes	Maximum of 10 people	Yes	Yes
Integration with Microsoft Word	Yes	Yes	Yes	Yes	Yes	Yes

Other reference managers

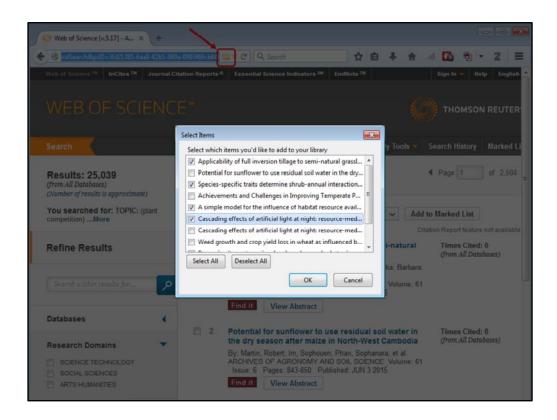
- Lots of them, some free, some not
- Choose based on your own needs
- Focus on Zotero today



Zotero is a Firefox plugin and a desktop program. You don't need to use Firefox to use it, you can just use the desktop version instead.

Got to Zotero.org \rightarrow download and install Zotero for Firefox and standalone application. If you download the standalone you also need to install the browser extension for the browser you plan to use.

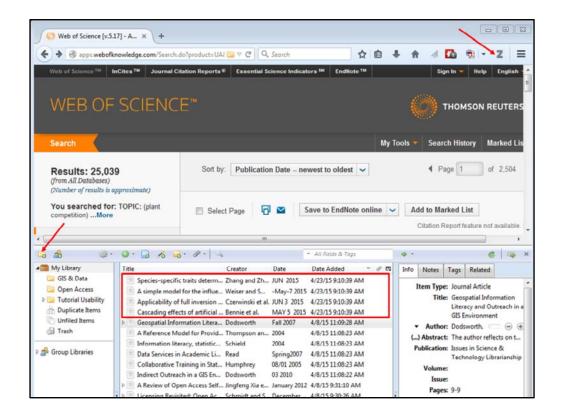
Word plugin (similar to write-n-cite)



Once you have the plugin installed, you'll see an icon in your address bar whenever you're on a site that Zortero can pull bibliographic information from.

This screenshot shows what it looks like in Web of Science.

Click on the folder icon \rightarrow gives you a list of all the articles in the search results on that page \rightarrow select the ones you want and click OK.



Click on the Z in your browser to open the Zotero panel.

Now you can see the 4 articles I just imported.

The first thing you should do is put them in a folder.

More features to explore:

- Add reference manually or using DOIs, PMIDs, ISBNs
- Attach PDF of articles some databases attach these automatically when you import references
- Create groups to share collections and folders
- Word plugin will insert citations as you type
- Create bibliographies
- Import more citation styles
- Import your references from other reference managers, including RefWorks.



More library support for research

Literature reviews - Jody

- · Identify pertinent resources & tools
- · Strategies for expanding & / or focusing searches

Managing research - Tara

Select & set up citation management tools

Data & GIS

 Help finding datasets from Statistics Canada's Data Liberation Initiative and other sources.

Attend May 5th session with Tara Stieglitz

Publishing & dissemination

- Select pertinent journals for publishing research.
- Finding, interpreting and applying journal metrics.
- Using RO@M for open, ensured access.

Attend June 1st session with Robyn Hall

