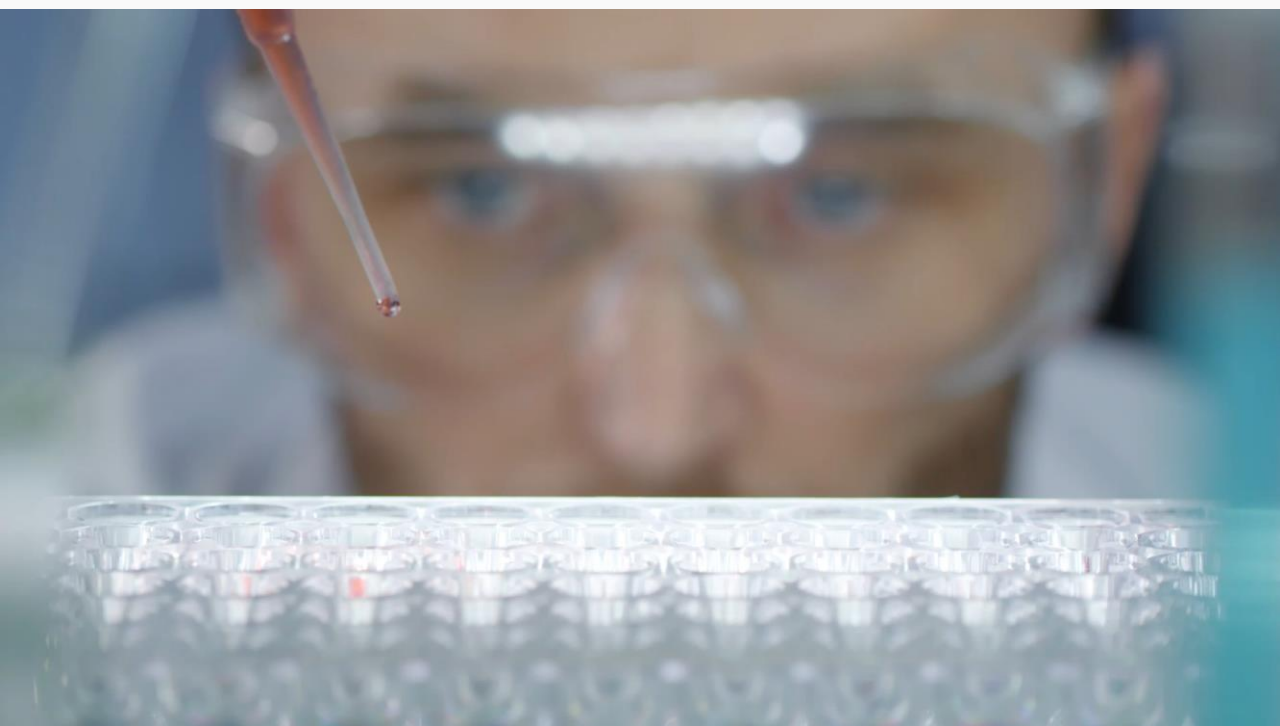




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University of Wales
Trinity Saint David



Undertaking research

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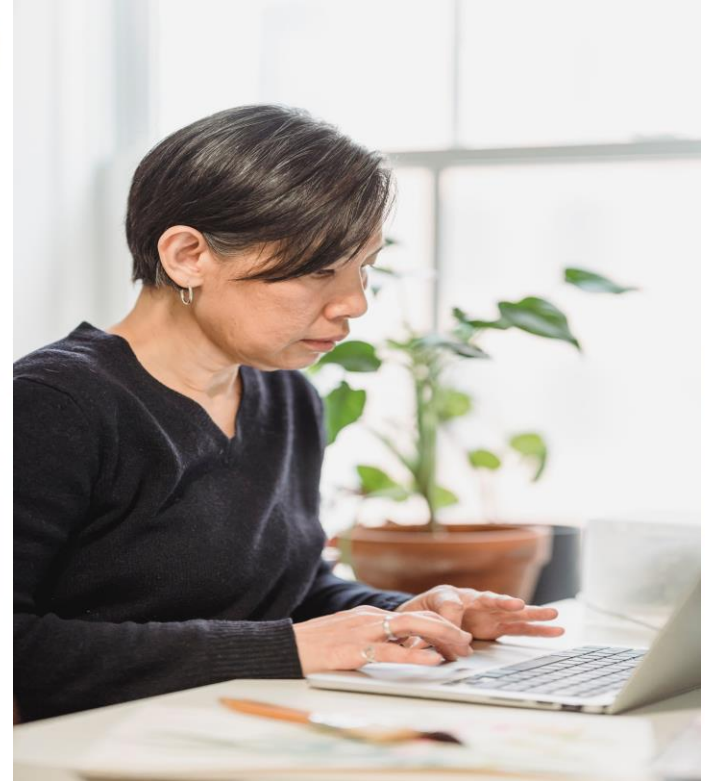
Literature Search

What is a Literature Search?

*“An **exhaustive search** for **published information** on a subject **conducted systematically** using **all available bibliographic finding tools**, aimed at locating **as much existing material on the topic as possible**, an important initial step in any serious research project.”*

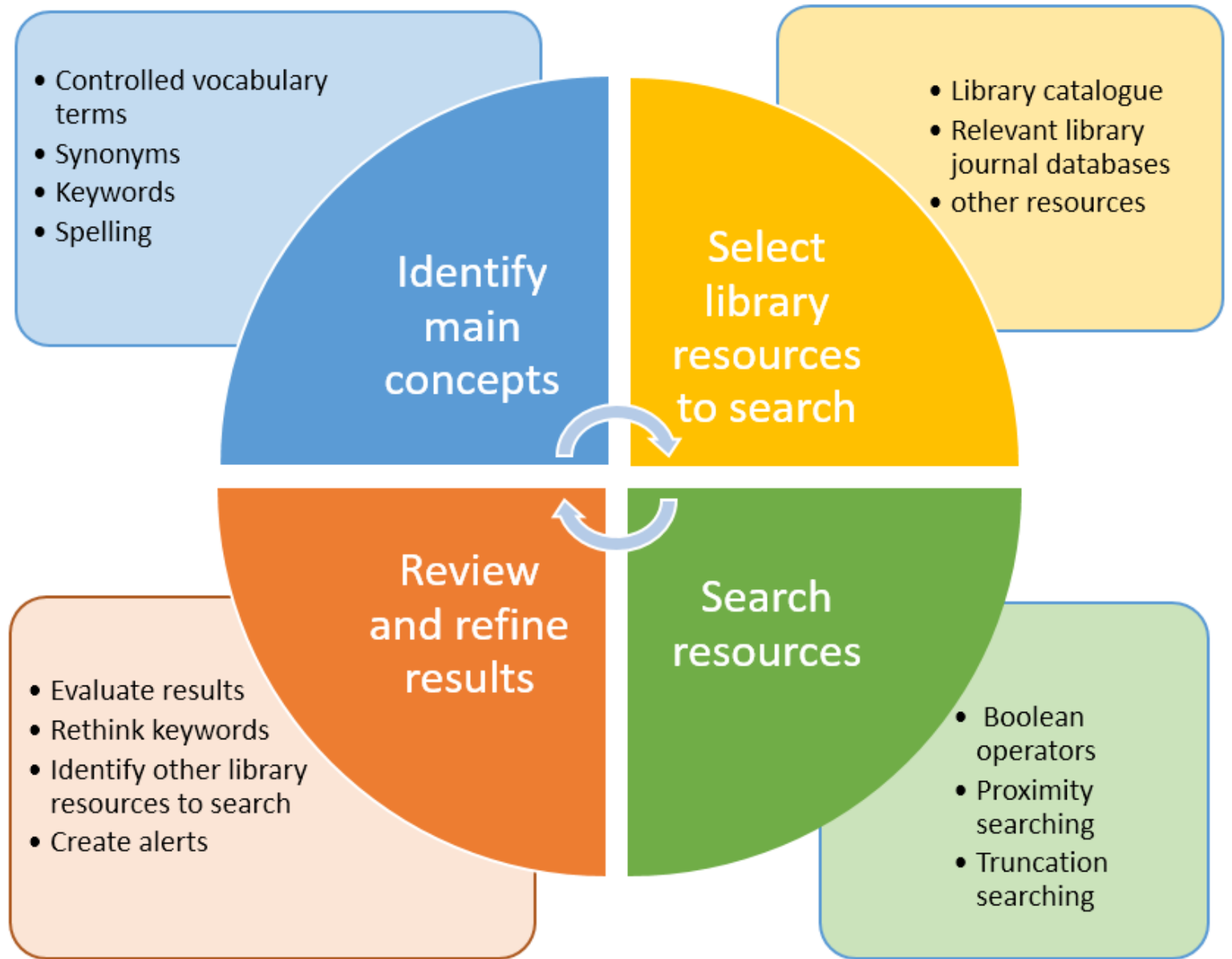
ODLIS – Online Dictionary for Library and Information Science. Copyright © 2004-2014 by Joan M. Reitz. All Rights Reserved.

Retrieved August 11, 2021: https://products.abc-clio.com/ODLIS/odlis_l.aspx#litsearch



“

FORMULATE A PLAN/STRATEGY



Formulate the question (PICO)



In patients with eating disorders, how effective is cognitive behavioural therapy in improving self esteem?



Can cognitive behavioural therapy improve self esteem in patients with eating disorders?



Brainstorm synonyms



Check other papers



Use Thesaurus



[MeSH](#)



Terminology

- Synonyms are words that mean the same.
- E.g., Heart attack, heart failure, cardiac attack, cardiac failure.
- Try the following site to help you identify medical subject headings (MESH), Medline subject headings: <https://meshb.nlm.nih.gov/search>
- Try the [Pubmed blog](#) for terms and then their [building a search](#) video.
- Use the thesaurus or subject heading guides in individual databases. Note different databases may use different terminology.

LibKey Nomad

LibKey Nomad:

- Automatically provides full-text access to journal articles and eBooks subscribed to by UWTSd or open access alternatives while you are carrying out your research on the web.
- It is pre-installed on UWTSd devices.
- Google chrome as an extension

The screenshot shows the LibKey Nomad search results page. At the top, there are buttons for 'Save', 'Email', and 'Send to', along with 'Sorted by: Best match' and 'Display options'. The search results are displayed in a list format. The first result is titled 'Current approach to eating disorders: a clinical update.' by Hay P., published in Intern Med J. 2020 Jan;50(1):24-29. doi: 10.1111/imj.14691. PMID: 31943622. It includes a 'Download PDF' button and a 'View Complete Issue' button. The second result is titled 'Eating disorders.' by Treasure J, Duarte TA, Schmidt U., published in Lancet. 2020 Mar 14;395(10227):899-911. doi: 10.1016/S0140-6736(20)30059-3. PMID: 32171414. It includes a 'Download PDF' button and a 'View Complete Issue' button. The third result is titled 'Eating disorders.' by Erzegovesi S, Bellodi L., published in CNS Spectr. 2016 Aug;21(4):304-9. doi: 10.1017/S1092852916000304. Epub 2016 Jun 20. PMID: 27319605. It includes an 'Article Link' button and a 'View Complete Issue' button. On the left side of the search results, there is a 'RESULTS BY YEAR' chart showing a significant increase in publications from 1945 to 2023. Below the chart, there are filters for 'TEXT AVAILABILITY' (Abstract, Free full text, Full text) and 'ARTICLE ATTRIBUTE' (Associated data). At the bottom left, there is a logo for 'Provided by University of Wales Trinity Saint David'.



PICO

P	I	C	O
Patient, Population or Problem	Intervention or exposure	Comparison	Outcome
What are the characteristics of the patient or population? What is the condition or disease you are interested in?	What do you want to do with this patient (e.g. treat, diagnose, observe)?	What is the alternative to the intervention (e.g. placebo, different drug, surgery)?	What are the relevant outcomes (e.g. morbidity, death, complications)?

Patient or Population or Problem

Eating disorders

eating disorder*
 appetite disorder*
 bulmi*
 anorexi*
 binge-eating
 ARFID

Intervention (or Exposure)

Cognitive behavioural therapy

Cognitive behavioural therapy
 CBT
 Cognitive behavioral therapy
 talking treatment*
 talking therap*

Comparison

N/A

N/A

Outcome

Self esteem

self esteem
 self worth
 self regard
 self value
 self confidence

Databases

Choose your databases

- [ProQuest](#)
- [EBSCO](#)
- [Science Direct](#)
- [PubMed](#)
- [Cochrane Library](#)

Note: YOU must decide which databases to search and what keywords to use. Look out for peer-reviewed journal articles.

Searching multiple databases avoids publication bias or geographical bias.

Bias in Literature search



Publication bias:

Studies with 'positive' results more likely to get published.
Helpful to question what types of information might not be represented in literature.



Databases bias:

Relying on a single database can systematically limit what you find for certain topic areas.



Source selection bias:

Not relying on databases, but also grey literature, theses, etc.



Paper selection bias:

Stick to inclusion/exclusion criteria: have more than one reviewer, if possible.



Record results

- You will need to keep a record of all your searches to help you keep track.
- It will also inform your methodology..

My research/dissertation question:					
Places to search for information:					
List of sources searched:	Date of search	Search strategy used, including any limits	Limits	Hits	Comments
Library website					
Pubmed					
Cochrane Library					
Google Scholar					



Find duplicates



Use reference management software's to find duplications



[RefWorks](#) (Library as a subscription)



Removing duplicates

RefWorks Untitled Project

Find duplicate references in "Untitled Project" project

Primary reference determined by

Completeness (the reference that has the most information available)

Matching Settings

References must match exactly

In this method, the selected fields must match exactly. RefWorks ignores casing, special characters, and the order of **Author** names.

Select the fields you would like to use (only the selected fields will be considered when we compare references to find any duplicates):

☒ Title	☒ Author	☒ Year
☐ ISBN ⓘ	☐ ISSN ⓘ	☐ DOI ⓘ
☐ Page Number	☐ Volume	☐ Issue
☐ Journal Title	☐ Publisher	☐ Reference Type

Find Duplicates

Last Imported

Duplicates

Process completed See results

Live Demo



	New Search	Online Resource Lists	Browse eJournals	Database Search	Newspaper Search	Need More?	...	
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Database Search

Enter a search term

Search for databases

To search for databases you can do the following:

- Enter keywords in the search box.
- Browse databases by category. If you need help with searching or finding relevant material using any of our resources, please contact your [Academic Liaison Librarian](#).



Other useful resources

[Health & social
care stats](#)

[The conversation](#)

[Health Policy
subject guides](#)

[Social Care
institute for
excellence](#)

[NICE](#)

[MagOnlineLibrary](#)

[Campbell
Collaboration](#)



Need More?

Can't find what you need? [Contact us for help](#).

If we don't have what you need, you can request it via our [NeedMore](#) Service.

You may also be eligible to join the [SCONUL Access Scheme](#) if you would like to use other UK university libraries.



Current Awareness

There are several tools that you can make use of to keep up to date with developments in your subject area.

- RSS Feeds



Email Alerts:

- Citation Alerts
- Saved searches Alerts
- Journal Contents Alerting Services
- Blogs

Any questions?

