Sample Search in PubMed

Burnout AND Nurses
What these slides will show

- How to run a **search**
  - Translating terms to the controlled vocabulary of the database
  - Using keywords or other synonyms when necessary
  - Utilizing Boolean connectors (don’t know what that is? We’ll show you!)
  - Filtering your searches
- **Managing** your results
  - Grabbing citations for your reference list – always cite your sources to avoid plagiarism
  - Keeping track of your search strategy
- Where to get **help** with this database
Getting to the Database

- Use the Sarah Lawrence Library link to access PubMed. It is listed under Databases A-Z or in View by Subject, Health/Medicine.

- If off campus click on the Off-campus link first.
Starting your Search: Vocabulary

- It is always a good idea to frame your question and pull out **key terms**
  - For this example our basic question is: Is there research on the phenomenon of **burnout** and **nurses**? Key terms being burnout and nurses

- Databases have **controlled vocabulary** to describe subjects, so **translate your terms** to this vocabulary

- Use controlled vocabulary when possible and keyword searching where necessary

- An example of controlled vocabulary is burnout = burnout, professional
  (now let’s walk through how to find that!)
Notice the drop down menu next to the search box, select **MeSH** and put in your search term to find controlled vocabulary.

Your results will show the **MeSH** term that you’ll want to use!
To the right of MeSH results notice:

**Search Builder**

Click on **Add to search builder** to place the term in the search box.

Do the same after running search for Nurses.

Then click on **Search PubMed**.
Reviewing Results

Notice the search structure

Select an article to go to
Click on the MeSH Terms to view all terms, including what matched your criteria.

Once expanded, you can also grab other terms from here to add to your search.

Use “related citations” to find other articles with the same MeSH terms.
Burnout, professional OR workload/psychology* OR exhaustion

Use other appropriate MeSH terms or synonyms to expand your search, using **AND** and **OR**

Note: Using MeSH is always preferable to other synonyms, but if you have a synonym that describes your topic well try it – like exhaustion

The search in PubMed:
Nurses AND (burnout, professional OR workload/psychology* OR exhaustion), you can add this to the PubMed search box

Note: When searching PubMed use ( ) to nest together terms with **OR**
Again, take notice of the search structure.

Note that the Result number has increased, that’s because you use the search box to expand and the filters to refine your search.

Now let’s review Filters.
**Filters** can be used to **limit** your results to certain specifications such as article type, subjects, dates, and age groups.

1. You can see the Filters to the left of your results in PubMed.

2. Select **Show additional filters** to see all of the options.
Applying Filters

To apply a filter simply click it.

Note: You can apply more than one filter at a time and even more than one type (i.e. selecting Clinical Trials and Systematic Reviews for Article types).

Notice you went from 982 results to 4

Note: If you need to see additional selections click on More.

[Image of a screenshot from PubMed showing filter options and search results]
Managing your Results:
In Results Screen

1. In the results you will see the option for Send to

2. Check off the articles you want to keep track of and select **Send to**

3. Once you have selected **Send To**, you will be given options including **Clipboard** or **E-mail**

Note: Clipboard is a good option when searching for many articles because at the end of your search you can email all the citations from the clipboard.
Managing your Results: From Citation/Abstract

You can also manage your results from **within citation/abstract display**. In this case you would click on the article you want to go to and:

Select **Send to** just as you did on the Results screen.

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Practice environment, job satisfaction and burnout of critical care nurses in South Africa

Klopper HC, Coachman SK, Pretorius N, Bestor P
School of Nursing Science, North-West University (Potchefstroom Campus), Potchefstroom 2520, South Africa.

Abstract

AIM: To describe the practice environment, job satisfaction and burnout of critical-care nurses (CCNs) in South Africa between these variables.

BACKGROUND: CCNs are more sensitive to job satisfaction and burnout, and several studies have been published on variables. However, the research that was undertaken did not focus exclusively on the practice environment of CCNs.

METHOD: The RN4CAST survey was used. A stratified sample of 55 private hospitals and seven national referral hospitals. A total of 935 CCNs completed the survey.

RESULTS: The practice environment is positive, except for staffing and resource adequacy, and governance. The greatest experienced with regard to wages, opportunities for advancement and study leave. CCNs have a high degree of burnout.

CONCLUSION: The high degree of burnout is related to dissatisfaction with wages, opportunities for advancement, staff environment with inadequate staffing and resources, and lack of nurse participation in hospital affairs.

IMPLICATIONS FOR NURSING MANAGEMENT: Managers should ensure that adequate numbers of CCNs are on the payroll for CCNs to participate in policy and governance of the hospital, while giving attention to good salaries, advancement and study leave.
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Notice that in this instance I selected E-mail, you can still add to your clipboard if you prefer though. You have options! **The main goal is to keep track of your citations so you don’t plagiarize.**
Managing your Results:

From Clipboard

You can get to the **Clipboard** by clicking on the **items** located next to Send To in any article or results screen.

The Clipboard Display

The Clipboard has all the articles you sent there while searching. E-mail all or just a select few of the articles to yourself (by going to Send To and choosing E-mail).

Note: These will only be saved for this session (unless you have a MyNCBI account) so make sure to send them to yourself.
Help: Citations

- Need more help with understanding what style to use for your citations? We have a guide to walk you through the styles at http://sarahlawrence.libguides.com/AcademicIntegrity
- Want a place to keep track of all your research and a way to quickly create citations? Check out our guide on the Citation Management tool Mendeley http://sarahlawrence.libguides.com/Mendeley