



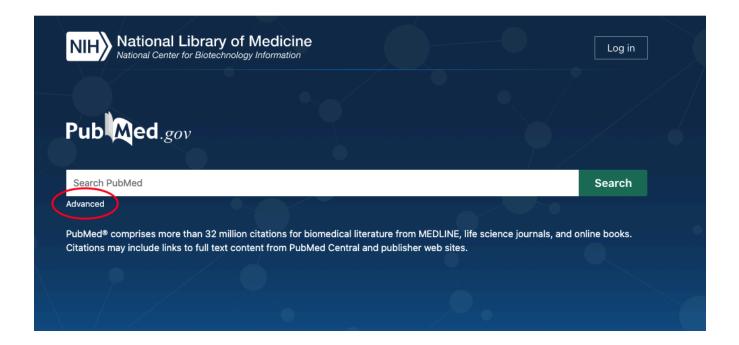
Activity #2: Build a Search

You will use Boolean Operators to build a search with the Advanced Search Builder in PubMed.

Access the PubMed Advanced Search:

Note: It is helpful to do this in a new tab/window, so you have simultaneous access to both the MeSH Database and PubMed.

- 1. a. Vist <u>UVic Libraries Database</u> homepage.
 - b. Click **PubMed** from the list of **Frequently used databases** OR search all databases by name and type "PubMed".
 - c. Click the **Sign in to UVic** button to login via ez-prozy
- 2. From the PubMed homepage, click **Advanced** under the primary search bar.

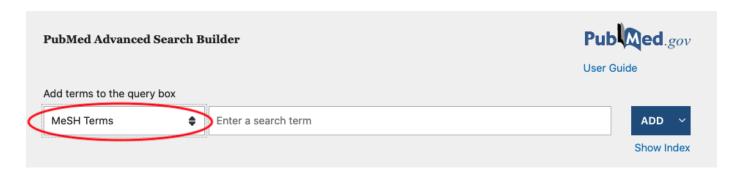








3. a. Select **MeSH Terms** from the drop down menu **Add terms to the query box**.



- b. Type in a pertinent MeSH you identified for your research question and/or recorded in the PubMed Search Builder and click ADD. The MeSH term will appear in the Query box.
- 4. a. To broaden your search, also conduct a keyword search. Select **All Fields** from the drop down menu. Type in a keyword for the MeSH you recently searched.

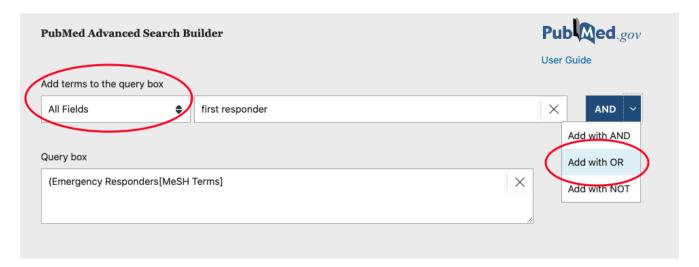
Note: Keyword searches help to <u>broaden searches</u>, so use terms that are related to one of your search concepts. Your keyword can be the same exact word as the MeSH, but be sure to use the **All Fields** drop down.

b. Then, use the drop down menu to change **AND** to **OR**.



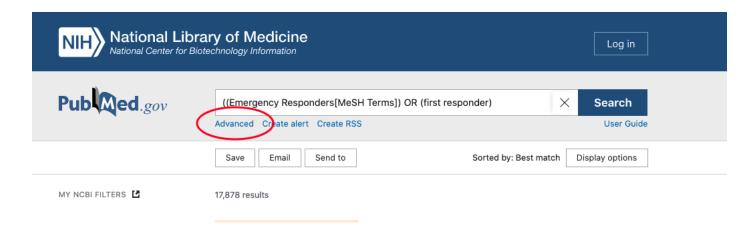






Note: The PubMed Search Builder reminds you to combine your Keyword and MeSH search with **OR** only if they are in the same Concept row. To combine different Concept rows, use **AND**.

- c. Repeat this process for as many keywords/MeSH within the same concept as you wish. Then, press **Search**.
- d. This is the results page. To return to PubMed's Advanced Search Builder, click the **Advanced** button.



5. After searching for *one* search concept's MeSH and keywords, repeat the above steps for *every* concept in your research question.

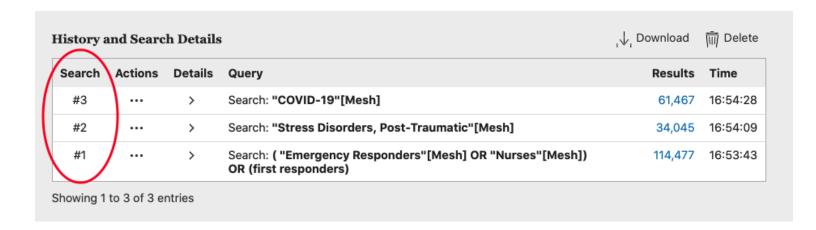




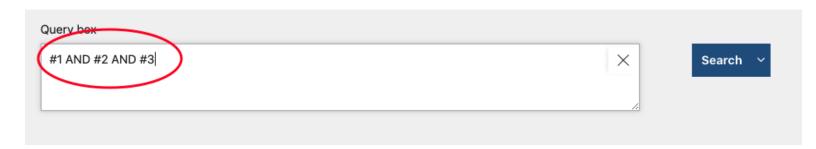


Your History and Search Details should contain several rows of different searches.

6. Then use Boolean Operators **AND** or **OR** to combine your searches. Pay attention to the numbers on the left-hand side of the **History and Search Details** window.



a. Type the numbers of the search queries (example #1, #2, #3 etc) into the Query box separated by the appropriate Boolean operator*, AND or OR. Then press Search.



Note: The PubMed Search Builder reminds you to combine your Keywords and MeSH found within the same Concept row with **OR**. To combine different Concept rows use **AND**.

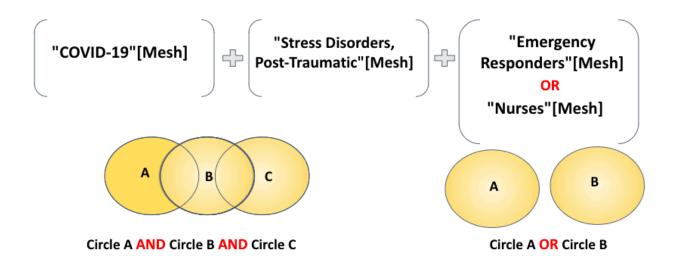
*Boolean Operator example:



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>> Proceed to Activity #3

Helpful resources:

- <u>USC's Libraries PubMed Advanced Search</u> / video
- PubMed User Guide / National Library of Medicine guide

