Evidence Based Library Resources for Health Sciences Research

Objectives:

- **Understand** value of library resources specific to your subject area
- **Locate** books and articles specific to your research question utilizing database tools/refinement
- **Access** tools for help with citations
- **Evaluate** resources using pyramid of evidence

Pyramid of evidence

ONLINE LIBRARY RESOURCES:

**Library Homepage**: https://www.ecc.edu/library/

- **Summon**: Searches all of the library's holdings and will bring back many results in multiple formats
- **Catalog**: Searches the library's catalog for books, ebooks, and audiovisual materials
- **Databases**: Searches for articles, electronic encyclopedias and reference books; subject-specific
- **Research guides**: Subject-specific pathfinders to resources in the library

Search Basics:

- A keyword search will find resources with the term anywhere in the item's record
- A subject search will find resources that are indexed with the term; fewer more specific results
- AND puts two terms together and brings back fewer, more specific results
- OR adds "like" concepts together to bring back more results; good for searching synonyms
- Databases allow you to LIMIT by peer review, publication years, publication type, etc.

**NEED HELP?** https://www.ecc.edu/library/
**Nursing Research Guide**: https://libguides.ecc.edu/nur
**Text Us**: 716-791-5154
**Call Us**: 716-851-1412
**Email Us**: Matthew Best bestm@ecc.edu / Jackie Scott scottj@ecc.edu
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Example Research Question:

Clinical Scenario
As a nursing student you choose a clinical rotation in palliative care at Roswell Park Cancer Institute. You are interested in researching the role of nurses in palliative care specifically relating to increasing quality of life in cancer patients.

Why use PICO questions
- Clarifies question as it pertains to the population or patient
- Identifies keywords to search
- Elucidates relevancy of results

P = POPULATION OR PATIENT ______nurses_______________________________
I = INTERVENTION _______palliative care_______________________________
C = COMPARISON ________(none in this case)__________________________
O = OUTCOME ________increase quality of life of cancer patients________

Citation Information:
Library Resources: https://www.ecc.edu/citation-tools/
APA Owl at Purdue: https://owl.english.purdue.edu/owl/resource/560/01/
North Campus English Skills Learning Center: Library (Bldg D, Rm D102)

Evaluating Resources:
- Most articles in peer-reviewed journals meet authority and accuracy criteria; the remaining criteria are up to you to determine based on your information needs
- Currency: The timeliness of information
- Relevance: The importance of the information for your needs
- Authority: The source of the information
- Accuracy: The reliability, truthfulness, and correctness of content
- Purpose: The reason that the information exists

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