Library Instruction for NURS 426 Community Health Nursing: Part II

Ruiling Guo, MLIS, AHIP
Health Sciences Librarian
Idaho Health Sciences Library
Objectives

• Section I: Scholar and non-scholarly journals
• Section II: Plan a literature search
• Section III: Search for evidence-based practice articles in community health nursing
Section II: Plan a Literature Search

- Two million medical articles are published every year
- Information is transmitted fast via the Internet
- Different formats such as e-journals, online databases, online videos and images are put on the Internet
How to find information you need efficiently?
Section II: Plan a Literature Search

• Raise a question
• Clearly define your question using PICO components
• List appropriate search concepts or terms that can be used for searching PICO questions
• Use keyword search or advanced search
Section II: Plan a Literature Search

- Determine the best resources for your search
- Review search results
- Repeat as necessary
PICO Model

- Population
- Intervention
- Comparison
- Outcome
Section II: Plan a Literature Search

Question
Do prevention programs reduce the risk of HIV in adolescents?
Section II: Plan a Literature Search

- **Patient/Population:** Adolescents
- **Intervention:** Prevention program
- **Outcome of interest:** Reduce the risk of HIV
Section II: Plan a Literature Search

- **Determine** the concept(s)

  - **Concept A**
    - Prevention program
  - **Concept B**
    - *Human Immunodeficiency Virus (HIV)*
Boolean Operators

Boolean Operator: AND

prevention program **AND** human immunodeficiency virus

Contains both terms
Boolean Operators

**Boolean Operator:** OR

Contains any of two terms

`human immunodeficiency virus OR HIV`
Boolean Operators

Boolean Operator: NOT

Eliminate the records you don’t want

adolescent NOT adult
Other Search Strategies

• **Truncation**
  – Symbols used when searching for suffix variations

For example: *child* retrieves child and children

*therap* retrieves therapy, therapies, therapist and therapists
Other Search Strategies

- **Quotation marks**
  - Search an exact phrase “prevention program”

- **Search strings**
  - (human *immunodeficiency virus* or HIV) and adolescent* and (health education program* or prevention program*)
Section III: Evidence-Based Practice Articles

• Databases
  – PubMed
  – CINAHL
  – Cochrane Library
Introduction to PubMed

• PubMed has been developed by the National Library of Medicine (NLM), one of the largest and most heavily used medical bibliographic databases in the world
Introduction to PubMed

- **Scope**: Medicine, allied health, public health, and more ...
- **Coverage**: 1950’s to the present
- **Source**: Over 4,900 biomedical journals from over 70 countries and 17 million citations
Click on the Idaho Health Sciences Library link.
Links:

Library Home
A-to-Z Journal List
Catalog (Library)
EBSCO
Health Reference Center Academic
MD Consult
PubMed
STAT!Ref
ULRICH'S Periodicals Directory™

(208) 282-4586
1-800-363-4781
hsl@isu.edu
(208) 282-4295 (fax)
ISU Library, 3rd Floor

Idaho Health Sciences Library (IHSL)

Search IHSL wiki

Research Information
Citing Sources - AMA, APA
Databases - A to Z
Databases - Research Topics
Workshops & Orientations
... more Research Information

About Us
Contact Information
Hours
Location
Services
... more About Us

Last Modified: 03/26/2008 sc
PubMed Search Screen

To get started, enter one or more search terms.
Search terms may be topics, authors or journals.

NCBI has completed work on a new system that forms the foundation for the next generation of new features and capabilities for PubMed and the other NCBI databases. Users may need to upgrade or change to another Web browser.

Set up an automated PubMed update in fewer than 5 minutes.

1. Get a My NCBI account.
2. Save your search.
3. Your PubMed updates can be e-mailed directly to you.

Read the My NCBI Help material to explore other options, such as automated updates of other databases, setting search filters, and highlighting search terms.

PubMed is a service of the U.S. National Library of Medicine that includes over 17 million citations from MEDLINE and other life science journals for biomedical articles back to the 1950s. PubMed includes links to full text articles and other related resources.
To get started with PubMed, enter one or more search terms.

Search terms may be topics, authors or journals.

Set up an automated PubMed update in fewer than five minutes.

1. Create a My NCBI account.
2. Save your search.
3. Your PubMed updates can be e-mailed directly to you.

Read the My NCBI Help material to explore other options, such as automated updates of other databases, setting search filters, and highlighting search terms.

PubMed is a service of the U.S. National Library of Medicine that includes over 17 million citations from MEDLINE and other life science journals for biomedical articles back to the 1950s. PubMed includes links to full text articles and other related resources.
Introduction to CINAHL with Full Text

- CINAHL (Cumulative Index of Nursing and Allied Health Literature) with Full Text covers nursing & allied health journals
- CINAHL with Full Text provides full text for more than 580 journals back to 1981
CINAHL with Full Text

CINAHL with Full Text is the world's most comprehensive source of full text for nursing & allied health journals, providing full text for more than 560 journals indexed in CINAHL. This authoritative file contains full text for many of the most used journals in the CINAHL index - with no embargo. Full-text coverage dates back to 1981.

Communication & Mass Media Complete

Communication & Mass Media Complete provides the most robust, quality research solution in areas related to communication and mass media. CMMIC incorporates the content of CommSearch (formerly produced by the National Communication Association) and Mass Media Articles Index (formerly produced by Penn State) along with numerous other journals in communication, mass media, and other closely-related fields of study to create a research and reference resource of unprecedented scope and depth encompassing the breadth of the communication discipline. CMMIC offers cover-to-cover (“core”) indexing and abstracts for more than 440 journals, and selected (“priority”) coverage of nearly 200 more, for a combined coverage of more than 640 titles. Furthermore, this database includes full text for 326 journals.

Corporate ResourceNet

Corporate ResourceNet is designed to meet the diverse information needs of today's companies. This database contains full text articles from nearly 1,200 quality magazines and journals.
Results for: (human immunodeficiency virus OR HIV) AND adolescent* and (health education program* or prevention program*)

Find:

(Specific Databases)

(Searching: CINAHL with Full Text, MEDLINE)

All Results: 1-20 of 745  Page: 1 2 3 4 5  Next

   [Check LinkSource for more information]

2. HIV/AIDS Prevention in the Nepalese Context, (eng; includes abstract) By Pokhrel P, Regmi S, Piedace E, Evaluation & The Health Professions [Eval Health Prof], ISSN: 0163-2787, 2008 Jun; Vol. 31 (2), pp. 198-210, PMID: 18349353 
   [Linked Full Text] [Check LinkSource for more information]

   [Check LinkSource for more information]
Cochrane Library

• The Cochrane Library is a collection of evidence-based medicine and clinical practice
• Consists of
  – Cochrane Database of Systematic Reviews (CDSR)
  – Database of Abstracts of Reviews of Effectiveness (DARE)
Cochrane Library

- Consists of
  - Cochrane Central Register of Control Trials (CENTRAL)
  - Cochrane Database of Methodology Reviews (CDMR)
  - Cochrane Methodology Register (CMR)
  - Health Technology Assessment Database (HTA)
  - NHS Economic Evaluation Database (NHS EED)
Cochrane Library

• It brings the above databases together in one place for users to look at the effectiveness of different health care treatments and interventions
Systematic Reviews

- A systematic review summarizes the results of available carefully designed healthcare studies (randomized controlled trials) and provides the highest level of evidence on the effectiveness of healthcare interventions.
Seminaries and Differences

• PubMed
  – Content: Medicine, nursing, public health, etc
  – Format: Journal articles
  – Contains some full text articles

• CINAHL
  – Content: Nursing and allied health
  – Format: Journals, book chapter, theses, etc
  – Contains some full text articles

• Cochrane Library
  – Content: Evidence-based medicine/practice
  – Format: journals
  – Contains some full text reviewed articles