Library Workshop for RS 450
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Objectives
1. Scholarly Journals
2. Access the A-to-Z Journal List
3. Conduct Literature Searching
4. APA Citation Style
Where and How Can I Find Scholarly Journal Articles?

Scholarly and Non-Scholarly Journals

- **Scholarly**
  - Length
    - Long and in-depth analysis of topics
  - Language/Audience
    - Written for researchers, professors, and students in the academic field
  - Format/Structure
    - Follows a specific structure: abstract, introduction, methodology, results, discussion, conclusion, references, etc.
  - Authors
    - Expert in a particular field; a scholar or researcher with noted credentials
  - Editors
    - Articles are reviewed by members of an editorial board who are experts in the field
  - References
    - Sources are cited with bibliographies documenting thorough research
  - Advertising
    - Limited ads, special services, or products in a specific field

- **Non-scholarly**
  - Length
    - Fairly short
  - Language/Audience
    - Written in non-technical language for non-expert readers
  - Format/Structure
    - Does not follow a specific format
  - Authors
    - Reporter or any writer; name and credentials are not indicated
  - Editors
    - Not reviewed by experts; reviewed by magazine staff members
  - References
    - Not provided
  - Advertising
    - Many general consumer ads

Source: [http://www.isu.edu/library/help/journalmag.htm](http://www.isu.edu/library/help/journalmag.htm)
Access the A-to-Z Journal List

- Lists all journals available through the ISU Library, including those from full-text databases. Searching can be done by title, subject, and index.
- How to access the A-to-Z Journal List
To submit your interlibrary loan request, click on the Request Form.
Search the Journal Titles
1. Applied Radiology
2. Radiologic Technology
3. The Radiologic Clinics of North America
4. Radiology

How to Conduct a Literature Search
• Clearly define your search topic
• Divide the topic into concepts
• Select the appropriate concepts or terms that can be used for searching
• Determine the relevant databases to search
• Use a keyword search or advanced search
• Review search results
• Repeat as necessary

How to Conduct a Literature Search
Search Topic
Find articles about radiation therapy for lung cancer?
How to Conduct a Literature Search

• Determine the concept(s)

**Concept A**
- radiation therapy

**Concept B**
- lung cancer

**Boolean Operator: AND**

Contain both terms

- radiation therapy AND lung cancer

**Boolean Operator: OR**

Contain any of two terms

- cancer OR neoplasm
- radiation therapy OR radiotherapy
How to Conduct a Literature Search

Boolean Operator: **NOT**

**Example:** adult NOT child

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How to Conduct a Literature Search

- **Truncation:** Symbols are used when searching for suffix variations.  
  *Example:* adult* retrieves adult and adults
- **Quotation marks**
  - Search an exact phrase, e.g. “radiation therapy”
- **Search string:** (radiation therapy OR radiotherapy) AND lung cancer

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Find Articles in Databases

- PubMed
- CINAHL with Full Text
PubMed

• **Scope**
  - Medicine, radiology, dentistry, pharmacy, and more ...

• **Source**
  - Over 5246 biomedical journals and more than 19 million citations back to 1948
  - Over 70 countries and 40 languages
Introduction to CINAHL with Full Text

- CINAHL (Cumulative Index to Nursing and Allied Health Literature) is the authoritative resource for nursing and allied health. It contains journals, book reviews, dissertations, proceedings, etc.
- It covers more than 2,737 journals and provides full text for more than 600 journals dating back to 1981. Eight users have been purchased.
- It includes 19 radiography journals.

Click on the Idaho Health Sciences Library link.
Search Topics

- Magnetic Resonance Imaging
- Angiography, mammography, or Bone Densitometry
- Ultrasonography
- Nuclear Medicine
- Computed Tomography
- Radiation Therapy
Give It a Try!

- Find two articles about your topic in PubMed and CINAHL.
- Write down the article results and cite them in the APA citation style.