Advanced Writing

Finding the resources for your paper
After this demonstration, you will be able to ... 

- Identify Search Terms
- Find articles and books on your topics
  - Using library databases
  - Using The University of Akron's catalog
How do I find library resources?

- Use Databases by Title hyperlink on the University Libraries home page when you know the database name.
How do I find library resources?

- Search the UA Libraries Catalog when seeking a book, particularly by title. A hyperlink to the Catalog is at the top of every University Libraries Web Page.

- If already in the catalog, use the Databases Tab.
What is Search-A-Roo?

- **Search-A-Roo** is a tool that searches multiple databases and catalogs. *Remember to use it for its intended purpose.*

✓ Good use – Find a few articles for a class project.
✓ Poor use – Perform a background search for your senior project.
How do I access library resources off-campus?

- Access these resources from the UA Libraries Web site or Catalog
  - When off-campus, you will be prompted by The University of Akron Login screen to enter your UANet ID and Password.
- If you go to the URL of the resource directly, you will bypass the proxy server.
- Asked to login off-campus? Most likely either you
  - Bypassed or were dropped by the proxy
  - Were trying to get an article that the library does not have a subscription through where you tried to get it
Using Academic Search Complete to find articles

- **Academic Search Complete**
  - Contains many Full-Text articles, but not everything is Full-Text
  - Use the “PDF Full Text” hyperlink or the Full Text Finder button
Using Academic Search Complete to find articles

- Let’s look try heart as a subject first. If you select explode it will look for all the subjects under it.
  
  DE “HEART” OR DE “CARDIAC receptors” ...

- Try adding the keywords medical device
  
  - This will seek the words medical and device or devices to be within 5 words of each other
  - Find the subject terms that might narrow your result set

- Instead, try "tissue engineering"
  
  - This will seek the exact phrase, “tissue engineering”
  - Find subject terms that might be relevant to narrow your results.
  
  Try the Scholarly (Peer Reviewed) Journals checkbox. Any change?
Using Academic Search Complete to find articles

- Some articles will be Full-Text
  - Select **PDF Full Text**
    - Building New Hearts: A Review of Trends in Cardiac Tissue Engineering
  - Otherwise use **Full Text Finder**. Try to find the following:
    - Physiologic force-frequency response in engineered heart muscle by electromechanical stimulation.
      - In Electronic Journal Center (EJC)
- Some articles will be not be Full-Text
  - If the only hyperlink says Request through interlibrary loan, first check our catalog for a paper copy (or sometimes electronic).
    - 32-Channel System to Measure the Electrophysiological Properties of Bioengineered Cardiac Muscle
      - [http://library.uakron.edu/record=b1185575](http://library.uakron.edu/record=b1185575)
Using Academic Search Complete to find articles

- Some articles will be not be Full-Text
  - If you don’t find in our catalog as the following:
    - Use Request through interlibrary loan hyperlink
      o If you do not have an account for ILLiad, set one up (use First Time Users link). This service is always free for students.
      o Once you have an account, you are able to start requesting.
Using Academic Search Complete to find articles

- Using the Request through interlibrary loan hyperlink will partially fill out the form for you!
- Please check the information is correct before selecting submit.
- Correct Information = Less time to receive your request.

- Help is in the main menu
Using UAL Catalog to Find Books

- **UAL Catalog**
  - Keyword searches most of the information in the record …
  - Try `s: "respiratory therapy" and (icu OR "Intensive care unit" OR emergency) for date > 2004 using UAL Catalog` – 8 Results

- For more results try
  - A broader search using less terms and/or broader terms
    - Try `s: respiratory and (icu OR "Intensive care unit" OR emergency) for date > 2004 using UAL Catalog` – 16 results
    - Try "respiratory therapy" and (icu OR "Intensive care unit" OR emergency) for date > 2004 using the UAL Catalog – 10 results
Using Catalog to Find Books

- For more results, try (cont.)
  - Need more books? Try the same search in OhioLINK

  ![Search History](https://example.com/search-history)

- Could order the following from OhioLINK:
  - Emergency airway management
    - http://olc1.ohiolink.edu/record=b36294936
  - EMS respiratory emergency management demystified
    - http://olc1.ohiolink.edu/record=b35850645
Searching for Literature Review – Books

- Use Request button from OhioLINK screen

<table>
<thead>
<tr>
<th>Author</th>
<th>Minoli, Daniel, 1952-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>A networking approach to grid computing / Daniel Minoli.</td>
</tr>
</tbody>
</table>

### Library Holdings

<table>
<thead>
<tr>
<th>Library</th>
<th>Location</th>
<th>Online Version</th>
<th>Call Number/Serial Holdings</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Franklin U</td>
<td>Book Shelves</td>
<td></td>
<td>004 M6667n</td>
<td>AVAILABLE</td>
</tr>
<tr>
<td>Marietta College</td>
<td>CIRCULATING STACKS - 3RD FLOOR</td>
<td></td>
<td>QA76.9.C58 M56 2005</td>
<td>AVAILABLE</td>
</tr>
<tr>
<td>Ohio State U</td>
<td>18th Ave Library 4th Floor</td>
<td></td>
<td>QA76.9.C58 M56 2005</td>
<td>AVAILABLE</td>
</tr>
</tbody>
</table>

- If OhioLINK does not have it, try Search Ohio. If neither have it, use ILLiad from the University Libraries home page
How do I start thinking of keywords or search terms

“A design process for selection of suspension components for a hybrid vehicle has been proposed. A stock SUV was placed on a suspension parameter measurement machine (SPMM) to collect data on characteristics such as ride rate and roll rate as a baseline. The same SUV was placed on the SPMM again after it was modified into a hybrid vehicle. The added weight of the hybrid components resulted in different data from the SPMM than that of the stock vehicle. By using these two sets of data, suspension components such as springs and anti-roll bars can be designed to bring the hybrid vehicle ride and roll characteristics back to the stock characteristics. The results will be used to design components for The University of Akron hybrid vehicle” (Roblin, 2007, p. iii).

- Start with the words that are the most important for your search.
How should I refine my search?

- Not enough results? You might need to
  - select broader terms or use less terms,
  - search for keywords instead of subject terms,
  - use synonyms and spell out acronyms,
  - find out what people in the discipline normally call something, or
  - find out the subject terms that the database uses.

- Too many results? You might need to
  - select more specific terms or use more terms; or
  - find the subject terms that the database uses to exclude the irrelevant results from the keyword search.
Getting started

- Think of some keywords to try with the databases and the UAL catalog
- Try a search using Academic Search Complete, Business Complete (for business related topics), or Engineering Village
  - It depends on your topic if it is better to start with a subject or keyword search. You will likely need to experiment.
- Remember there are more databases that you can use, go to the subject guide for your discipline
  - [http://libguides.uakron.edu/esl_adv_write/start](http://libguides.uakron.edu/esl_adv_write/start)
- If you find information that fits your needs, but it is more technical that you like. Find some tricks on how to read an academic article that can save time.
  - [http://libguides.uakron.edu/esl_adv_write/scholarly](http://libguides.uakron.edu/esl_adv_write/scholarly)
References