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Computer Tips
1. The Campus Help Desk http://www.it.utah.edu/services/helpDesk/index.html is the first contact point for computer support and password assistance. The phone number is (801) 581- 4000.
2. Laptop and uNID support available in the Knowledge Commons (Level 2)
3. Make sure your computer is up to date with software and the latest security updates. Go to (http://software.utah.edu) for more information.
4. Off campus access is available. I recommend using the VPN software or Web VPN.

Library Tips
- Interlibrary Loan provides access to materials not available at the Library. Most articles will be sent as a PDF in three business days. Register if it’s your first-time.
- The University Writing Center provides thesis, grant, and proposal assistance.
- Try Noodle Tools, EndNote Web or EndNote (manage bibliographies)
- Purchase software cheaper than the bookstore from Office of Software Licensing

Library Resources
The best starting point for library research is the Health Promotiona and Education Research Guide which is available at http://campusguides.lib.utah.edu/health

APA Style Tutorial
1. Go to https://moodle.scl.utah.edu/
2. Click on the grey button “Login as a Guest”
3. On the upper left hand side, click on ESS under Course Categories
4. Click on the link “College of Health APA Style”
5. The enrollment key is: uuapa <all lowercase>
Google Scholar  http://scholar.google.com
- Click on Scholar Preferences
- Type Utah under Library
- Make sure University of Utah-Get it at UofU is selected


http://nnlm.gov/training/resources/pmtri.pdf

MESH (Medical Subject Headings)

Scopus  http://www.scopus.com

Cochrane Database  Evidence-Based Medicine (EBM)
PICOT (population, intervention, comparison, outcome and type of study) format

Other Links
Medline Plus  http://medlineplus.gov/

IBIS  http://ibis.health.utah.gov/home/Welcome.html

Science, Engineering, Mines and Health Team  Email: mlib-shem@lists.utah.edu
Keyword Search Strategies

### Boolean Operators

<table>
<thead>
<tr>
<th><strong>OR</strong></th>
<th>![Diagram] (teenager OR adolescent)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>union</strong></td>
<td></td>
</tr>
<tr>
<td>![Diagram] (cats felines)</td>
<td></td>
</tr>
<tr>
<td><strong>Broadens or expands your search</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Used to retrieve like terms or synonyms</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Finds all items with either teenager OR adolescent</strong></td>
<td></td>
</tr>
<tr>
<td><strong>In set theory and math, union is inclusive “OR” teenager U adolescent</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>AND</strong></th>
<th>![Diagram] (diet AND children)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Intersection</strong></td>
<td></td>
</tr>
<tr>
<td>![Diagram] (cats dogs)</td>
<td></td>
</tr>
<tr>
<td><strong>Narrows or limits your search</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Used to retrieve unrelated terms</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Finds items with both diet and children</strong></td>
<td></td>
</tr>
<tr>
<td><strong>In set theory and math, intersection is “AND” diet (\cap) children</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Upper Case

| **In Library catalog and PubMed, Boolean operators (AND,OR) must be entered in upper case.** |  |
**Default operator**

AND is the default operator in the library catalog, Google, Scopus, PubMed, EBSCOhost (Academic Search Premier, PsycINFO, etc.), and most search interfaces.

**Truncation**

* (Asterisk)

Truncation is also known as a wildcard. Truncation is a symbol that retrieves all the suffixes or endings of a word.  
- school* retrieves school, schools, schooling, etc.  
- latin* retrieves latina, latino, Latinas, latinos, etc.

**Nesting**

- Commonly used when combining more than one Boolean operator (OR, AND).
- Most search interfaces search left to right. Using parentheses in a search changes the order of operation  
  (moral* OR ethic*) AND (assisted suicide OR euthanasia)  
  (ski OR skis OR skiing OR snowboard*) AND video*

**Phrase Searching (Using Quotations “ ” )**

- "international olympic committee"       "Utah tennis"
  - Finds items with words in order typed
  - Finds the exact phrase