Computer Tips
1. The Campus Help Desk [http://www.it.utah.edu/services/helpDesk/index.html](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](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.
- **NEW!** The Graduate Student Reading Room (Room 1180, Level 1) is now open. Access is available by providing information to the Information & Security staff at the Level 1 entrance. Coin operated lockers are provided.
- **EndNote** assistance is available.
- Purchase software cheaper than the bookstore from Office of Software Licensing

Library Resources
The best starting point for library research is the Health Promotion & Education Research Guide which is available at [http://campusguides.lib.utah.edu/health](http://campusguides.lib.utah.edu/health)

To learn more about library research, please read the next several pages. If you have questions, please contact us. We are here to help.
Identifying Scholarly Journals

**PEER REVIEW**: A process of evaluating original research for publication in a scholarly journal. A panel of experts in the discipline determines whether the article is reliable, accurate, authoritative, original, and whether it is a quality addition to the field of study.

**Journal**: Often used to refer to a scholarly/academic source/serial in which scholars and professionals hold conversations and report research. Many scholarly journals use peer reviews.

The word “journal” in the title is not necessary or sufficient to define it as scholarly.

Examples of peer-reviewed (also called “refereed”) journals are: *American Journal of Health Promotion, Body Image, and Journal of Autism and Developmental Disorders*.

**Magazine**: Often used to refer to a popular or general interest periodicals, designed to inform and entertain non-professionals interested in general news or particular subjects. Examples of magazines are: *Shape, Muscle & Fitness, Newsweek, and Consumer Reports*.

Finding Scholarly Journal Articles

The best starting points for finding scholarly journal articles are to use the following databases:

- Scopus
- Google Scholar
- CINAHL
- PubMed
- Cochrane Library
- PsycINFO

These databases are available from the Health Promotion & Education research guide at: [http://campusguides.lib.utah.edu/health](http://campusguides.lib.utah.edu/health)
Using Online Journals

1. Go to either the Marriott or Eccles Library website.
2. Click on the link “Online Journals” at the Marriott Library
   a. Click on the link “ejournals” at the Eccles Library
3. You are able to search several different ways
4. Do not search by author(s) or the title of the journal article.
5. The journal title is “Language & Communication”
   a. Type the title of the journal in the search box
Finding Journals Using the University of Utah Libraries Catalog

1. Go to http://www.lib.utah.edu
2. Type in your search in our “Search Our New Catalog!” box
3. To find a journal, search by the journal title
   a. Do not search by author(s) or the title of the journal article.
   b. Omit initial articles such as “a,” “an,” or “the” in the journal title
4. Search by a journal title such as Journal of speech language hearing
5. Press “Enter” on the keyboard or click on the Go button

Results

Click on the link “ONLINE ACCESS,” this journal is available from the very first volume published in 1997 to the present. Full-text articles are available online! Clicking the link provides different ways to access the journal
Full text Access to the Journal of Speech Language and Hearing Research from EBSCOhost Academic Search Premier

EBSCOhost tells you that the journal is considered a peer-reviewed or refereed journal.

Determining if Journal is Peer Reviewed/Refereed

1. Look at the print/online copy of the journal to see if there is information regarding an editorial board, a mission statement, journal details, or manuscript submission guidelines.
2. Google the journal name. Look for information about the journal or information about manuscript submission guidelines.
3. Use Ulrich’s International Periodicals Directory
   a. Go to www.lib.utah.edu
   b. Click on the link “Article Databases”
   c. Click on the letter U. Select Ulrich’s… Directory
4. Search by journal titles. This will give yes/no information if the journal is refereed
5. Ask for help from Alfred or another librarian
When a Journal is Not Available Online

1. Search the library catalog by the journal title
e.g. Journal of medical speech language

This journal is not available online. It is only available in print and in the Automated Retrieval Center (ARC).
You request journals through the library catalog. They are delivered in less than twenty minutes to the Reserve Desk on Level 2 of the Marriott Library.

**How to Request a Journal from the ARC**

- **Journal of medical speech-language pathology.**
  - **Author:** Academy of Neurologic Communication Disorders and Sciences.
  - **Subjects:** Speech disorders -- Periodicals; Language disorders -- Periodicals
  - **Publisher:** San Diego, Calif.: Singular Pub. Group
  - **Creation Date:** c1993-
  - **Format:** v.: ill.; 28 cm.
  - **Language:** English

- **View bibliographic information**
  - **Availability and location:** May be available: *ARC Click Request: Serials (RC423.A1 J678)*

Click on the link “ARC Click Request:…”

- You will see a Holdings screen in which you can select year or volume.
- Choose the year you wish and click Go.
• Click on Request to choose the specific volume and or issue you want
• The next screen will be a screen from the U of U asking you to login with your uNID and password.
• You can request materials from the ARC either on or off campus.

The item will go to Marriott Reserve Desk (Level 2) unless you choose otherwise.

You can check the item out for 60 days.
# Keyword Search Strategies

## Boolean Operators

<table>
<thead>
<tr>
<th>Operator</th>
<th>Description</th>
<th>Example</th>
</tr>
</thead>
</table>
| **OR**  | Broadens or expands your search, retrieves like terms or synonyms | teenager OR adolescent  
|         | Finds all items with either teenager OR adolescent | teenager U adolescent |
|         | In set theory and math, union is inclusive “OR” | teenager U adolescent |
|         | union | teenager U adolescent |

| **AND** | Narrows or limits your search, retrieves unrelated terms | diet AND children  
|         | Finds items with both diet and children | diet ∩ children |
|         | In set theory and math, intersection is “AND” | diet ∩ children |

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

In Library catalog and PubMed, Boolean operators (AND, OR) must be entered in upper case.
Truncation is also known as a wildcard. Truncation is a symbol that retrieves all the suffixes or endings of a word. autis* retrieves autism, autistic, autistics, 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:
  
  \[(\text{pharmacotherap}^* \text{ OR drug}^*) \text{ AND } \text{autis}^* \text{ AND } \text{child}^* \\
  \text{ (ski OR skis OR skiing OR snowboard}^*) \text{ AND } \text{video}^*\]

### Phrase Searching (Using Quotations “ ” “ ”)
- Finds items with words in order typed
- Finds the exact phrase

"international olympic committee" "Utah tennis"
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

PubMed

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