Speech Language Pathology (SLP): Research & Clinical Resources

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The Library **Commons**
Resource Center / 3rd Floor

Open 24hrs / 7days
for LSUHSC faculty, students and staff
The Library **Commons**

Resource Center / 3rd Floor

Open 24hrs / 7days
for LSUHSC faculty, students and staff
John P. Isché / Main Library
Resource Center / 3rd - 5th Floors

J. Dale Prince, MA, MLS
Director of Libraries
May / 2018 -
Library’s homepage
http://www.lsuhsc.edu/library

• Bookmark it!
• Everything you need, you can access through this page.
Library Hours

• Regular Hours

Monday – Thursday: 7:30 am – 12 midnight
Friday: 7:30 am – 8 pm
Saturday: 9:30 am – 6 pm
Sunday: 12 noon – 12 midnight
Additional Info

• **3rd floor** – Commons Area, Circulation & Reference
  • General Reserve = 5 hrs in house use
  • Overnight = checkout 1 hr before closing, due 1 hr after opening the next day. Late fees: $1.00/hour

• **4th floor** – Books, **Computer** Lab (401-K) and **Group Study Rooms**, 7 total
  • Books = 2 weeks, 1 renewal

• **5th floor** – Journals
  • arranged alphabetically by title of the journal
  • Journals = Bound, 1 week, no renewals; Unbound, 1 day, no renewals
Library Public **Computers** & Reference / 3**RD** floor

- access **PayPaw**
- check LSUHSC email via Outlook Web App
- **Moodle** course management system
- **search** for course reserves, journals, articles...
Reference **Librarians**

- Allied Health School Liaison
  - Carolyn Bridgewater, MLIS, MSW, AHIP | cbridg@lsuhsc.edu | 504-568-6104

- Dentistry School Liaison
  - Julie Schiavo, MLIS, AHIP | jschia@lsuhsc.edu | 504-941-8158

- Graduate Studies School Liaison
  - Wesley Lucas, MLIS | wlucas@lsuhsc.edu | 504-941-8160

- Medicine School Liaison
  - Kathy Kerdolff, MLIS, AHIP | kkerdo@lsuhsc.edu | 504-568-6102

- Nursing School Liaison
  - Lori Spradley, MLS | lspra1@lsuhsc.edu | 504-568-8339

- Public Health School Liaison
  - John P. Bourgeois, MPH, MLIS | jbou12@lsuhsc.edu | 504-568-7717
Library Registration & **Barcode**

- Check out (Borrow) materials
- Use the Library’s [Computer](#) Lab (401-K)
- [EZproxy](#) = off campus access to full text resources
- [ILLiad](#) Interlibrary Loan services
Off-Campus (Remote) Access Info

- Fill out a *Patron Registration Form* to get *barcode*
- Follow the instructions to create a *PIN* the first time you login off campus
Available in Library?

- **INNOPAC**, the library’s catalog
- **E-Journals & E-Books**
Find journal articles, search a database(s)...
Select appropriate **Database(s)**
CONDUCTING RESEARCH...
When Selecting a Resource:

- **Background**: different resources available
  - *PubMed vs CINAHL vs Cochrane Library*

- **What types of material** are included:
  - peer reviewed, trade journals, conference proceedings, theses, practice guidelines, test instruments...

- **Interdisciplinary vs subject specific**
  - *Scopus* (CINAHL)

- **Period of time covered** by the resource
Use Evidence-Based Practice (Principles)

“...the conscientious, explicit, and judicious use of current best evidence in making decisions about the care of the individual patients" (Sackett, 1996)

Based on the Evidence-based Medicine Triad Source: Florida State University, College of Medicine. Retrieved 08/15/18
Use Evidence Based Practice (Principles)

- **7 steps of Evidence Based Practice**
  
  (Link: Schiavetti, Nicholas, 2015)

  1. Define the question (**PICO**)

  2. Search for best evidence

  3. Select **studies**

  4. Critically appraise evidence (validity, bias)

  5. Integrate evidence
    
    - (research evidence + clinical expertise + patient values)

  6. Evaluate outcomes in your patient / population

  7. **Disseminate findings:** paper / presentation / poster / conference
Evidence Based Principles:

Formulate **patient – centered** questions

<table>
<thead>
<tr>
<th>P</th>
<th>I</th>
<th>C</th>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population</td>
<td>Intervention</td>
<td>Comparison</td>
<td>Outcome</td>
</tr>
<tr>
<td>Patient</td>
<td>Or Exposure</td>
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<tr>
<td>Problem</td>
<td></td>
<td></td>
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<tr>
<td>Who are the</td>
<td>What do we do to</td>
<td>What do we compare</td>
<td>What happens?</td>
</tr>
<tr>
<td>patients?</td>
<td>them?</td>
<td>the intervention</td>
<td></td>
</tr>
<tr>
<td>What is the</td>
<td>What are they</td>
<td>with?</td>
<td>What is the</td>
</tr>
<tr>
<td>problem?</td>
<td>exposed to?</td>
<td></td>
<td>outcome?</td>
</tr>
</tbody>
</table>


When searching for the best evidence (journal articles)?

1. Identify your terms to search

Research question:

“I need current studies about the side effects of cochlear implants in children”
2. Separate relevant terms to search
(keyword(s) / subject headings / MeSH)

Side effects / cochlear implants / children

Try this: brainstorm synonyms
Use keywords, not phrases & sentences
3. Connect terms with **Boolean operators** when searching

Side Effects
AND
Cochlear Implants
AND
Children?
# Keywords vs. Subject Headings

**Keyword:** Any word or phrase in the title, subject headings, notes, abstract, etc. used as a search term.

**Example:** what you type when you use Google

**Subject Heading:** A word or phrase from a controlled vocabulary used to describe the subject of a document.

**Ex:** PubMed = Medical Subject Headings (MeSH) / CINAHL = CINAHL Headings

<table>
<thead>
<tr>
<th>Auditory Processing Disorder</th>
<th>vs.</th>
<th>Auditory Perceptual Disorders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hearing Impaired</td>
<td>vs.</td>
<td>Hearing Loss</td>
</tr>
<tr>
<td>Cerebrovascular Accident</td>
<td>vs.</td>
<td>Persons with Hearing Impairments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stroke</td>
</tr>
</tbody>
</table>
4. Apply limits (filters)

**Article Types (Study Designs)**
- RCT, Case studies...

**Publication Dates**
- 3 yrs, 5yrs...

**Languages**
- English

**Ages**
- Child, Adult...
Hierarchy of Evidence:
Study Design (Types)
Study Designs (Types)

- Meta-analyses
- Systematic Reviews
- Randomized controlled studies
- Quasi-experimental studies
- Cohort studies
- Case control studies
- Case reports

Secondary studies which review original research

Experimental Studies

Observational Studies
28+ million biomedical literature from MEDLINE
1940 - Present

*Access through the library homepage for more full text
http://www.lsuhsc.edu/library/
• Links under PubMed tutorials

  • Quick Start guide
  • Subject Search
  • Using Medical Subject Headings to make a better search
  • Advanced Search Builder
Explaining Search Results

Ways to limit results

Options to view / customize results

Select citations and print, save, email, etc.

The search behind the scenes

Track your searches
What’s in a record?

The abstract summarizes the article.

See if LSUHSC has access to the article.

Find other relevant articles.

The article’s indexing (more ways to search).
Options to Find Full Text via Database(s)

• If there is no direct link to the PDF of the article, look for this icon:

( via PubMed, EBSCOhost, Google Scholar, etc.)

• Click on it and you will be given options for retrieving the article.
Other options to Find Full Text

• Check access via
  • **INNOPAC**, the library’s catalog
  • **E-Journals** & E-Books A to Z list
  • **Discovery** / EDS Health tool
OPTIONS FOR SAVING YOUR RESULTS

Print the abstract or full text PDF

Save to a USB

E-mail articles to self / faculty / group

Create an account to save your articles

• *PubMed* = My *NCBI* account
  • (register or login with your Google account)

• *EBSCOhost* = Folder for CINAHL
Not available in library? submit **ILLIAD** (Interlibrary loan)
Other Evidence Based Resources

Cumulative Index to Nursing and Allied Health Literature

Access from the Databases tab or Quick Links
Evidence – Based Medicine and Systematic Reviews

Access from the Databases tab
Embase

International Biomedical research
Scopus

Multidisciplinary article search (MEDLINE)

Impact factor of journals
Clinical / Patient Ed Resources

American Speech-Language-Hearing Association

The Practice Portal

Your place for verified practice guidance

Clinical Topics
Curated and peer-reviewed content on clinical topics.

Professional Issues
Curated and peer-reviewed content on professional issues.

Client/Patient Handouts
Consumer education resources for clients and patients.

Tools and Templates
Resources to help guide your ideas in practice.

Latest Topics and Issues

About the Practice Portal
The portal of ASHA's Practice Portal is the Practice.
NIDCD conducts and supports research in the normal and disordered processes of hearing, balance, taste, smell, voice, speech, and language.
Information for Patients & Families. From the National Library of Medicine (NLM) at the National Institutes of Health.

NCCIH scientific research on diverse medical, health care systems, and practices not considered part of conventional medicine.
LibGuide: Speech Language Pathology

LSU Health New Orleans Libraries
Division of Libraries

Speech - Language - Pathology: Home
Selected resources for the School of Allied Health Professions for Speech Language Pathology and Audiology programs.

Useful Links:
- Speech-Language-Audiology 800 Build 2016
- Off-campus (Remote) Access
- MedlinePlus Basics
- PubMed Basics

Welcome
- Department of Speech-Language-Pathology

This guide contains information for students in the Department of Communication Disorders at LSU-HSC-New Orleans, which offers the following degrees: Master of Communication Disorders (MCD) in Speech-Language-Pathology and Doctor of Audiology (AUD).

Materials from in-class library presentations are located in the left.

Subject Guide

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Phone: 504-568-4101

Subjects:
Allied Health
RECAP of resources via the homepage:

- **Databases** = alphabetical list of specific resources
- **E-Journals & E-Books A to Z** = materials the library owns PLUS freely available resources on the Web
- **LibGuides** = books, journals, and other resources listed by academic programs
- **Library catalog (INNOPAC)** = books, journals, and other items owned by the library, both print and electronic
- **Quick Links** = CINAHL, PayPaw, RefWorks, Video Tutorials, and Wireless instructions
For Assistance and/or Concerns!

• **Reference Librarians** available  
  • 8:00 am – 4 pm (Monday – Friday)

• Phone: 568-6100 (Circulation Desk)

• Email
  • icirc@lsuhsc.edu
  • reference@lsuhsc.edu

• Virtual **Chat** Service