OTD Library & Research Resources

Jane Morgan-Daniel (OT Librarian)

UF Health Science Center Libraries
Learning about UF research resources:

1. Meeting the OT Librarian
2. Locating the Health Science Center Library
3. Finding books & research articles
4. Reading & citing research articles
Meeting the OT Librarian

Jane Morgan-Daniel (pronouns: she/her/hers)

Teach students how to find quality up-to-date evidence for research & clinical practice

Office in Health Science Center Library, Level 2

Email morgandanie.jane@ufl.edu with questions or for an appointment

OT Research Resources Guide http://guides.uflib.ufl.edu/OT
Locating the Library

https://library.health.ufl.edu

Communicore, Level 1

UFHSCL

@UFHSCL
Finding books & articles

Step 1: Install & Connect to UF VPN
https://connect.ufl.edu/it/wiki/Pages/glvpn-anyconnect-install.aspx

Instructions for Logging into the VPN

1. Look on the desktop for the UF VPN icon.
2. Double click on the UF VPN icon.
3. A small box will appear in the lower right corner titled Cisco AnyConnect Secure Mobility Client.
4. In the box type VPN.UFL.EDU, click Connect.
5. Log in with your GatorLink information.
6. You will get a message that states Connected: vpn.ufl.edu.
Finding books & articles

Step 2: Google the “DOI” if you know it – Digital Object Identifier, assigned by publishers to provide a persistent link to a research article

OR

Go to the Library’s Website & click the catalogue link https://library.health.ufl.edu/
Finding books & articles

Step 3: Search for a book or journal title (don’t search for an article title)
Finding books & articles

Step 4: If it’s a print journal, look for the name of the library & the journal’s shelving location
Finding books & articles

Step 5: If it’s an e-journal, click the “full text options” link and......
Finding books & articles

Step 6: Click the link that covers the date of the article that you’re looking for
Finding books & articles

Step 7: If it’s a print book, look for the name of the library, the shelving location, & its availability.
Finding books & articles

Step 8: If it’s an e-book, click the “UF Off-campus access” link
Activity

(10 minutes)

1. Install & Connect to UF VPN (instructions on slide number 5)

2. Navigate to the Library’s homepage (click link on slide 6)

3. Open Library Catalogue (under Quick Links on Library’s homepage)

4. Search for the e-journal called “OTJR: Occupation, Participation and Health” and download any article from Volume 38, Issue 3 (2018)

5. Search for the e-book called “Measuring occupational performance: supporting best practice in occupational therapy” and open chapter 2
Finding research articles through literature searching:

1. Literature searching is a methodical process of looking for evidence on a chosen topic
2. Integral part of evidence-based practice
3. Searches occur in bibliographic databases (not Google Scholar)
4. Good literature searches find relevant, up-to-date, high quality research to answer research questions &/or clinical questions
Searching Databases: An Overview

Go to the Library’s Website & click Databases link

https://library.health.ufl.edu/
Searching Databases: An Overview

Best databases for OT are usually CINAHL, PubMed, & Web of Science
Searching Databases: An Overview

Look for databases’ search box, type in search terms, look for a UF full-text link to access articles.
Activity
(5 minutes)

1. Navigate to the Library’s homepage (click link on slide 6)

2. Open Databases (under Quick Links on Library’s homepage)

3. Click on PubMed to open the database

4. Type in the search box: occupational therapy older adults falls

5. Organize results by publication date

6. Send first 5 results to your email
Interlibrary Loans
(if you can’t access a book or research article)

Go to the Library’s Website & click ILLiad link
https://library.health.ufl.edu/
Most research articles are presented in a standard format...

1. Introduction (why the authors decided to do the research)
2. Methods (how they did the research & how results were analyzed)
3. Results (what they found)
4. Discussion (what they think the results mean)
5. Conclusion (summary & future steps)
6. Bibliography (list of references)

http://uf.catalog.fcla.edu/permalink.jsp?20UFPDA005126305
Reading the **Introduction**... ask yourself these questions

1. Why was the study needed & what was the research question or hypothesis?

2. Is the research question followed by a review of the published literature on the topic?

3. Are the authors selectively citing to support their own arguments?

http://uf.catalog.fcla.edu/permalink.jsp?20UFPPDA005126305
Reading the **Methods**...ask yourself these questions

1. Is the article a **primary or secondary study**? Primary or empirical studies report research, secondary studies summarize primary studies (e.g. review articles)

2. If it’s a primary/empirical study **what is the research design**?

3. **Was the research design appropriate** for the research question?

http://uf.catalog.fcla.edu/permalink.jsp?20UFPDA005126305 (page 18)
Checklists can help you appraise evidence quality

Checklist for the statistical aspects of a paper (see Chapter 5)

1. Have the authors set the scene correctly?
   - Have they determined whether their groups are comparable, and, if necessary, adjusted for baseline differences?
   - What sort of data do they have, and have they used appropriate statistical tests?
   - If the statistical tests in the paper are obscure, why have the authors chosen to use them?
   - Have the data been analysed according to the original study protocol?

2. Paired data, tails and outliers
   - Were paired tests performed on paired data?
   - Was a two-tailed test performed whenever the effect of an intervention could conceivably be a negative one?
   - Were outliers analysed with both common sense and appropriate statistical adjustments?

3. Correlation, regression and causation
   - Has correlation been distinguished from regression, and has the correlation coefficient (r-value) been calculated and interpreted correctly?
   - Have assumptions been made about the nature and direction of causality?

4. Probability and confidence
   - Have p-values been calculated and interpreted appropriately?
   - Have confidence intervals been calculated and do the authors’ conclusions reflect them?

5. Have the authors expressed their results in terms of the likely harm or benefit that an individual patient can expect, such as:
   - relative risk reduction;
   - absolute risk reduction;
   - number needed to treat?

http://uf.catalog.fcla.edu/permalink.jsp?20UFPDA005126305 (Appendix 1, pp. 244-245)
Checklists can help you appraise evidence quality

Checklist for a qualitative research paper
(see Chapter 12)

1. Did the article describe an important clinical problem addressed via a clearly formulated question?
2. Was a qualitative approach appropriate?
3. How were (i) the setting and (ii) the participants selected?
4. What was the researcher's perspective, and has this been taken into account?
5. What methods did the researcher use for collecting data, and are these described in enough detail?
6. What methods did the researcher use to analyse the data, and what quality control measures were implemented?
7. Are the results credible and, if so, are they clinically important?
8. What conclusions were drawn, and are they justified by the results?
9. Are the findings of the study transferable to other clinical settings?

http://uf.catalog.fcla.edu/permalink.jsp?20UFPD005126305
(Appendix 1, pp. 244-245)
Avoid plagiarism…always cite your sources

▸ To cite an article, remember to make a note of the authors, year of publication, article title, journal title, volume number of the journal, issue number of the journal, page numbers of the article, & DOI number

▸ If an article cites another author’s work & you mention the original work in your write-up, make sure to cite the original article too as a separate reference

▸ There are different citation styles – e.g. APA 6th

▸ Contact Jane to learn about reference management software. Also see https://guides.uflib.ufl.edu/citationsoftware

▸ Presentation template: https://www.slidescarnival.com/