

Flipping for Health: hands-on library research sessions

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Do you struggle to balance enough hands-on time with enough teaching time?

Do you ever wish you could skip the demonstration and go straight to hands-on?

We flipped it!



Librarian / Faculty Collaboration



Virginia Pannabecker
Health Sciences Librarian



Cristina Barroso
Asst Professor, Nutrition



Jessica Lehmann
Instructor, Nutrition

Overall approach

Faculty involvement

- Content planning
- Integrated with course
- Points or Extra Credit
- Assessment

Pre-assignment

- Delivered via Library Guide
- Librarian Self-Intro
- General library services
- Course-related content
- Quiz & Comments



In-class activities

- Questions / clarification
- Apply pre-learning
- New skills

NTR 450

Nutrition in the Life Cycle



NTR 450: Nutrition in the Life Cycle I

Emphasizes nutritional needs and problems during pregnancy, lactation, infancy, and childhood.

Last Updated: Jul 23, 2014 URL: <http://libguides.asu.edu/NTR450> [Print Guide](#) [RSS Updates](#) [Email Alerts](#)

[Pre-Library Session Assignment](#) [Research Databases](#) [Citing Sources](#) [Presentation Resources](#) [Feedback](#)

[Pre-Library Session Assignment](#) [Print Page](#)

Search:

Welcome!

Hi! My name is Virginia (Ginny) Pannabecker, and I'm one of two Health Sciences Librarians at the ASU Downtown Phoenix Campus Library. You can see my photo on the right side of this page.

This assignment should take you 30 minutes or less. Completing this assignment in your NTR 450 Blackboard course site will prepare you for our hands-on library tour on January 27th.

Follow the steps below to complete your assignment, then head to your blackboard course site for NTR 450 and complete the short quiz.

Step 1: Get to know your ASU Libraries

Step 2: ASU Libraries doesn't have it? We can get it for you!

Step 3: Set up your ILLIAD Account to use the Interlibrary Loan / Document Delivery Service

Step 4: Get to know 2 research databases for Health Sciences research

Step 5: You try it!

Step 6: Last Step!

Comments and Suggestions

Thanks! And, let me know if you have any kind of technical issues or other problems with this page. My contact info is on the right, or here:

virginia.pannabecker@asu.edu

~Ginny

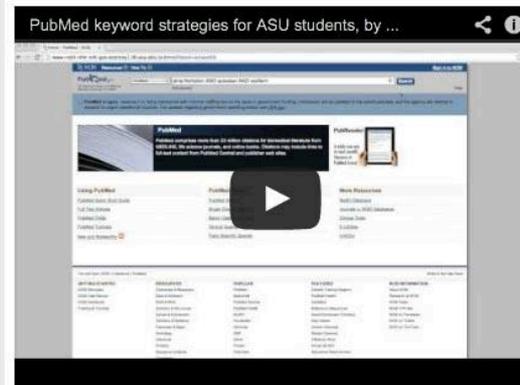
Step 4: Get to know 2 research databases for Health Sciences research

View the 2 videos below to see examples of keyword searching in 2 major Health Sciences research databases: PubMed and CINAHL.

In each video, Look for:

1. How do you use keywords to search each database?
2. How can you use synonyms to expand your first keyword search?
3. How can you limit your search results using categories like: publication date, gender, or article type?
4. How can you get to full text of an article showing in your search results?

PubMed Keyword searching via YouTube: <http://youtu.be/GcOPnx0d0xY>



NTR 450

Nutrition in the Life Cycle



NTR 450/550 Controversial Topics Instructions and Grading Rubric

Due date: 2/17/14

50 points

Instructions

Students will learn to read and assemble scientific research, to interpret research findings, and to develop and practice critical thinking skills. Students will be randomly assigned to groups of five or more people. As a team, the students will give a 5-minute presentation on a controversial **NUTRITION** topic related to pregnancy or lactation. To increase the diversity of the controversial topics presented, it is preferred that each team presents on a different controversial topic first served. Please inform the instructor of your selection as soon as possible.

Here is what I expect for each component of the assignment.

- 1) What the Controversial Topic is: Clearly state the controversial topic. State what role it plays in pregnancy or lactation.
- 2) What the Stance of the Group is: Clearly state if the group supports or opposes the topic but make your point.
- 3) The Scientific Evidence Assembled to Support Stance: Display evidence that shows that your stance has credence using your own research. Cite the sources on each individual slide, screen references at the end.
- 4) Potential Conflicting Point of View: Clearly state an argument that is against the stance of the group. Discuss why other researchers might disagree.

READING LOG

Use this document to help you determine the important aspects of your reading assignment

PROVIDE A FULL BIBLIOGRAPHIC CITATION USING APA STYLE:

What was the goal or purpose of the study?	Describe the subjects/participants in this study. How were they recruited?
What data were collected for this study? Be as specific as possible (what was measured?).	What were the findings/results of this study?

KIN 101

Introduction to Kinesiology



Pre-Library Session Assignment

Welcome!

Hi! My name is Virginia (Ginny) Pannabecker, and I'm one of two Health Sciences Librarians at the ASU Downtown Phoenix Campus Library. You can see my photo on the right side of this page.

This assignment should take you 30 minutes or less. Completing this assignment and the short library quiz at the end will prepare you for our hands-on library research session on January 21st.

Follow the steps below to complete your assignment, then complete the short quiz.

Step 1: Get to know your ASU Libraries

Step 2: ASU Libraries doesn't have it? We can get it for you!

Step 3: Set up your ILLIAD Account to use the Interlibrary Loan / Document

Step 4: Learn 4 methods to get to the full text of an article from its citation information

Step 5: Quiz

Comments and Suggestions

Thanks! And, let me know if you have any kind of technical issues or other this page. My contact info is on the right, or here:

virginia.pannabecker@asu.edu

~Ginny

Step 4: Learn 4 methods to get to the full text of an article from its citation information

In this course, your instructor will often provide citations of articles on your blackboard course site, and you will need to find the full text of each article to read it for the course.

Here are **4 methods to get to full text** - at least one of these should work for any article citation.

The 4 methods below use this APA style article citation:

Pattyn, E., Mahieu, N., Selve, J., Verdonk, P., Steyaert, A., & Witvrouw, E. (2012). What predicts functional outcome after treatment for patellofemoral pain? *Medicine and Science in Sports and Exercise*, 44(10), 1827-1833. doi:10.1249/MSS.0b013e31825d56e3

Tip: If a citation shows a 'doi' (digital object identifier) - try this first to find the full text! A doi is a unique number assigned to identify 1 specific document. You can see an example at the end of the citation above:

doi:10.1249/MSS.0b013e31825d56e3

Method 1:

Search for the article title using Library One Search - this is the search box you'll see on your MyASU page when you click the book stack Library link, and the search box you'll see on the ASU Libraries home page: <https://lib.asu.edu>

NTR 351

Nutrition and Health Communications



Follow the steps below, then complete the short quiz.

Step 1: Get to know your ASU Libraries

Step 2: ASU Libraries doesn't have it? We can get it!

Step 3: Set up your ILLIAD Account to use the Interlib

Step 4: Become an ASU Libraries online resources Pro

Step 5: Learn strategies to find scholarly research stu

1. What to look for in a health news article
2. Use the news article information to search for the

Step 6: Quiz

Comments and Suggestions

Step 5 - Part 1: What to look for in a health news article

Exercise regimens, fad diets, and nutritional advice are popular topics in news stories. Sometimes these stories take their lead from scholarly research studies. As Nutrition students, you can find, read, and evaluate these source studies and fact check the news stories.

When reading a news story that mentions a 'study' or 'research,' look for the following:

- Study author name/s
- Topic of original study or article
- Where it was published (journal name or government report name)
- Year or date the study was published
- The institution where the study was conducted and/or where the author is from
- A direct link!
 - (Sometimes it's just that easy - although you still may need to use library resources to get free full text of a scholarly research study.)

Example:



Pomegranates and their health benefits are a popular topic. Let's say a friend sends you a link to this a news story:

"Research: Pomegranate May Reverse Blocked Arteries"

<http://www.greenmedinfo.com/blog/can-pomegranate-keep-you-going-under-knife>

This news story references a study from the journal *Clinical Nutrition* and links to [a posting](#)

Going forward

A scenic view of a beach with turquoise water and a blue sky with white clouds. The text is overlaid on the image.

**Assessment
Design
Tailored videos
Controlled study**

Takeaways



Tools

- Screenshots
 - Grab, Snippy, Snagit
- Image editor
 - Photoshop, Paint, Awesomescreenshot
- Tutorial creation
 - Guide on the Side: <http://code.library.arizona.edu/>
 - LessonPaths: <http://www.lessonpaths.com/>
- Surveys
 - Google Forms, SurveyMonkey, LibGuides tools
- Platform
 - Library Guide, Course Management system, Wiki

References

Arizona State University. (2013). *ASU Quick Facts*.

http://uoia.asu.edu/sites/default/files/quickfacts/Quick_Facts_Fall_2013_02-14-14.pdf

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Bergmann, J. & Sams, A. (2012). *Flip your classroom: Reach every student in every class every day*. Alexandria, VA: International Society for Technology in Education (ISTE).

Datig, I. and Ruswick, C. (2013). Four quick flips: Activities for the information literacy classroom. *C&RL News*, May, 249-251,257.

Head, A. (2013a). *Learning the ropes: How freshmen conduct course research once they enter college* [report]. Project Information Literacy. Retrieved from http://projectinfolit.org/images/pdfs/pil_2013_freshmenstudy_fullreport.pdf

McLaughlin, J. E., Roth, M. T., Glatt, D. M., Gharkholonarehe, N., Davidson, C. A., Griffin, L. M., ... & Mumper, R. J. (2014). The flipped classroom: a course redesign to foster learning and engagement in a health professions school. *Academic Medicine*, 89(2), 236-243. 10.1097/ACM.0000000000000086.

Pannabecker, V., Barroso, C., & Lehmann, J. (in press.) The flipped classroom: Student-driven library research sessions for nutrition education. *Internet Reference Services Quarterly*.

Images

Jump ropes: <http://www.flickr.com/photos/rmgimages/4882443974/in/photostream/>

Stethoscope on computer:

<http://www.flickr.com/photos/67272961@N03/6123892769/in/photostream/>

Apple with tape measure: <http://www.flickr.com/photos/rmgimages/4881836711/>

ASU Downtown:

http://en.wikipedia.org/wiki/File:ASU_Downtown_-_SoJ_SWC_-_2008-12-29.jpg

Sand Dune flip: <https://flic.kr/p/7VnbQz>

Student: <https://www.flickr.com/photos/83633410@N07/7658219802/>

Beach-future: <https://flic.kr/p/vRWE3>

Bicycle courier: http://commons.wikimedia.org/wiki/File%3ABicycle_courier_552.JPG

Questions: <https://flic.kr/p/ediLaQ>



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