

LIBRARY INSTRUCTION TUTORIAL – Information, Digital and Media Literacy**1. How (where from) do you receive your news? Do you think you are able to distinguish real news from fake news?**

- Last year, researchers at Oxford University [found](#) that 70 countries had political disinformation campaigns over two years.
<http://blog.stcloudstate.edu/ims/2020/01/20/bots-and-disinformation/>
- according to Pew Research Center, [68 percent of American adults get their news from social media](#)—platforms where opinion is often presented as fact. results of the international test revealed that only 14 percent of U.S. students were able to reliably distinguish between fact and opinion.
<http://blog.stcloudstate.edu/ims/2020/01/16/fake-news-prevention/>

News and Media Literacy (and the lack of) is not very different from Information Literacy

An "information literate" student is able to "locate, evaluate, and effectively use information from diverse sources." See more [About Information Literacy](#).

How does information literacy help me?

Every day we have questions that need answers. Where do we go? Whom can we trust? How can we find information to help ourselves? How can we help our family and friends? How can we learn about the world and be a better citizen? How can we make our voice heard?

The content of the tutorial is based on the [Information Literacy Competency Standards for Higher Education](#) as approved by the Board of Directors of the Association of College and Research Libraries (ACRL).

The standards are:

Standard 1. *The information literate student determines the nature and extent of the information needed*

Standard 2. *The information literate student accesses needed information effectively and efficiently*

Standard 3. *The information literate student evaluates information and its sources critically and incorporates selected information into his or her knowledge base and value system*

Standard 4. *The information literate student, individually or as a member of a group, uses information effectively to accomplish a specific purpose*

Standard 5. *The information literate student understands many of the economic, legal, and social issues surrounding the use of information and accesses and uses information ethically and legally*

Project Information Literacy

A national, longitudinal research study based in the University of Washington's iSchool, compiling data on how college students seek and use information.

2. Developing Your Research Topic/Question

Research always starts with a question. But the success of your research also depends on how you formulate that question. If your topic is too broad or too narrow, you may have trouble finding information when you search. When developing your question/topic, consider the following:

- Is my question one that is likely to have been researched and for which data have been published? Believe it or not, not every topic has been researched and/or published in the literature.
- Be flexible. Consider broadening or narrowing the topic if you are getting a limited number or an overwhelming number of results when you search. In nursing it can be helpful to narrow by thinking about a specific population (gender, age, disease or condition, etc.), intervention, or outcome.
- Discuss your topic with your professor (or me, the librarian) and be willing to alter your topic according to the guidance you receive.

Broad and Narrow Topic: <https://youtu.be/ea4eF3WNN2M>

3. Getting Ready for Research

Library Resources vs. the Internet

How (where from) do you receive information about your professional interests?

Advantages/disadvantages of using Web Resources

Evaluating Web Resources

- Google or similar; Yahoo, Bing
- Google Scholar
- Reddit, Digg, Quora
- Wikipedia
- Become a member of professional organizations and use their online information
- Use the SCSU library page to online databases

4. Building Your List of Keywords

- Why Keyword Searching?

Why not just type in a phrase or sentence like you do in Google or Yahoo!?

- i. Because most electronic databases store and retrieve information differently than Internet search engines.
- ii. A databases searches fields within a collection of records. These fields include the information commonly found in a citation plus an abstract (if

available) and subject headings. Search engines search web content which is typically the full text of sources.

- The bottom line: you get better results in a database by using effective keyword search strategies.
- To develop an effective search strategy, you need to:
 - i. determine the key concepts in your topic and
 - ii. develop a good list of keyword synonyms.
- Why use synonyms?
Because there is more than one way to express a concept or idea. You don't know if the article you're looking for uses the same expression for a key concept that you are using.
- Consider: Will an author use:
 - i. Hypertension or High Blood Pressure?
 - ii. Teach or Instruct?
 - iii. Therapy or Treatment?

Don't get "keyword lock!" Be willing to try a different term as a keyword. If you are having trouble thinking of synonyms, check a thesaurus, dictionary, or reference book for ideas.

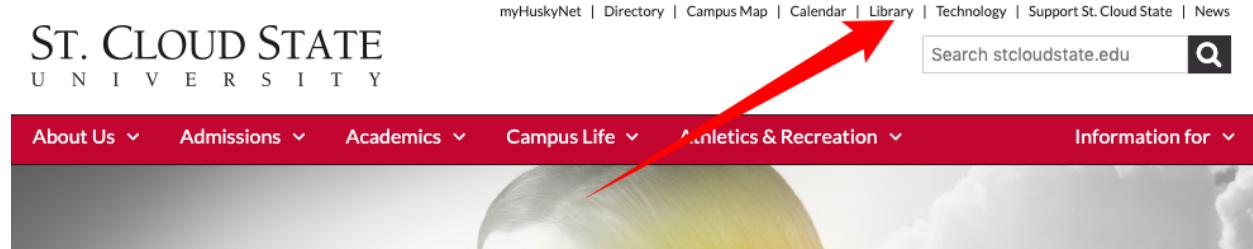
Keyword worksheet

5. Library Resources

How to find the SCSU Library Website

SCSU online databases

- SCSU Library Web page



**** !!!!!!! *****

Test your knowledge:

<https://docs.google.com/presentation/d/1JEx1b38wly31hgMW28B3P1Z69ApR9hA4XlaFgOL6Ns/edit?usp=sharing>

**** !!!!!!! *****

6. Basic Research Skills

Locating and Defining a Database

Database Searching Overview:

You can search using the SCSU library online databases by choosing:

Simple search
Advanced search

ST. CLOUD STATE
UNIVERSITY

About Us Admissions Academics Campus Life Athletics & Recreation Information for

University Library

Borrow, Request, Renew
Do Your Research
Use Library Space and Labs
Learn, Evaluate, Cite
University Archives
About the Library
Support Your Library
Library Home

LIBRARY HOURS
Today: 7:30 am - 12:00 pm

ASK A LIBRARIAN **LIBRARY CARD**

Equipment Checkout

Did you know you can check out equipment at the library? ● ● ●

LibSearch

nursing All Resources **SEARCH**

Books and More | Movies and Streaming Music | Advanced Search
Find a Database | Find a Journal | Learn about the new LibSearch

7. Identifying a Scholarly Source

UNIVERSITY LIBRARY St. Cloud State University

NEW SEARCH NEWSPAPER ARTICLES JOURNAL TITLES RESEARCH DATABASES INTERLIBRARY LOAN ASK A LIBRARIAN ...

Sign in

Search for: All Resources Articles (Scholarly) Books and More Course Reserves All MnPALS Libraries

Any field contains nursing AND Any field contains organic medicine

+ ADD A NEW LINE CLEAR

Material Type: All items
Language: Any language
Start Date: Day Month Year
End Date: Day Month Year

Any field contains nursing AND Any field contains organic medicine **SEARCH**

Sign in to get complete results and to request items **Sign in** X DISMISS

0 selected PAGE 1 113,447 Results Personalize

Modify my results Expand My Results

Sort by: Relevance

Limit To: Full Text Online Open Access Peer-Reviewed (Scholarly) Available in the Library

Resource Type: Articles (70,340)

EBOOK Concentrated organic medicines Available Online

JOURNAL International scholarly research notices.; ISRN Hindawi Publishing Corporation, issuing body. 2014 - 2017 PEER REVIEWED Available Online

ARTICLE Evaluation of chinese-herbal-medicine-induced herb-drug interactions: focusing on oleanic anion transporter 1

Modify my results

Expand My Results

Sort by **Relevance**

Limit To

- Full Text Online
- Open Access
- Peer-Reviewed (Scholarly)
- Available in the Library

Resource Type

- Articles (70,340)
- Book Chapters (39)
- Books/eBooks (42,316)
- Conference Proceedings (18)
- data_sets (99)
- Show More
- Newspapers search >

Publication Date

From 1900 to 2020 Refine

0 selected PAGE 1 113,447 Results Save query Personalize

EBOOK
Concentrated organic medicines
 Available Online >

JOURNAL
International scholarly research notices.; ISRN
Hindawi Publishing Corporation, issuing body.
2014 - 2017
 PEER REVIEWED
 Available Online >

ARTICLE
Evaluation of chinese-herbal-medicine-induced herb-drug interactions: focusing on
organic anion transporter 1
Lin, Chang-Ching ; Fan, Hsien-Yuan ; Kuo, Chien-Wen ; Pao, Li-Heng
2012
Evidence-based complementary and alternative medicine : eCAM, 2012, Vol.2012, p.967182-12
The consumption of Chinese herbal medicines (CHMs) is increasing exponentially. Many patients utilize CHMs concomitantly with
prescription drugs in great frequency... PEER REVIEWED OPEN ACCESS
 Available Online >

MULTIPLE VERSIONS
The encyclopedia of aging : a comprehensive resource in gerontology and geriatrics
Maddox, George L.;Springer Publishing Company.

TOP

SEND TO

VIEW ONLINE

DETAILS

View Online

Full text availability

View record

Details

Title: Concentrated organic medicines
Source: HathiTrust (Public Domain within US only)
HathiTrust (Public Domain & Copyright Works)

X

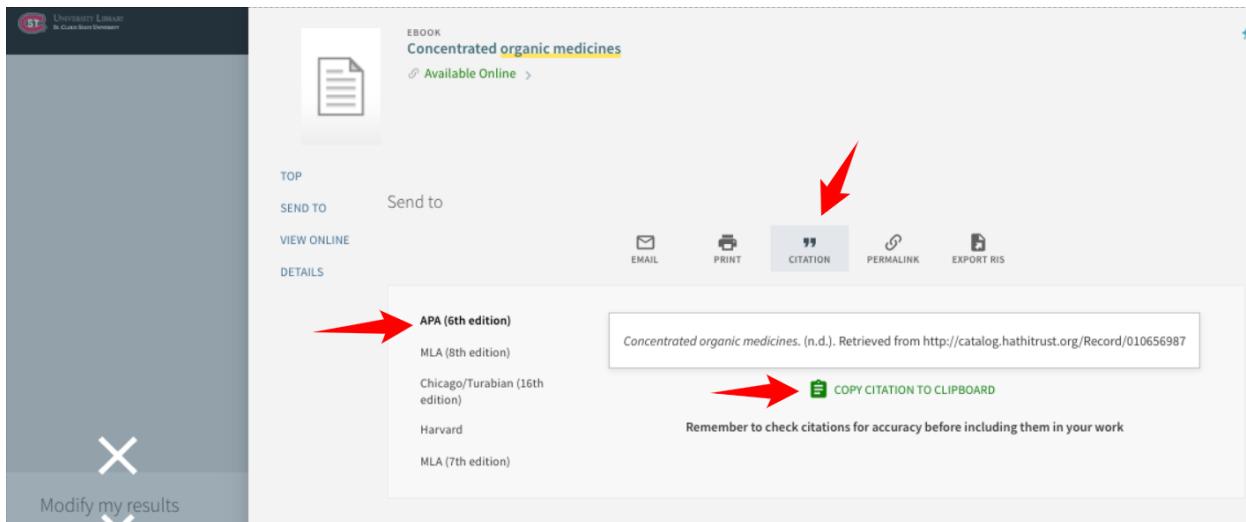
Modify my results

Expand My Results

Sort by **Relevance**

Limit To

Full Text Online

8. Boolean operators

https://docs.google.com/presentation/d/1oeVI_bEu1KN5AT8-KcgrwO02Ea6xQPuI5SRN3I9vZBs/edit?usp=sharing

9. Databases:

ProQuest: <https://search.proquest.com/advanced>

Academic Search Premier

ScienceDirect



[myHuskyNet](#) | [Directory](#) | [Campus Map](#) | [Calendar](#) | [Library](#) | [Feedback](#)

The screenshot shows the St. Cloud State University Library homepage. At the top, there's a red navigation bar with links: 'About Us', 'Admissions', 'Academics', 'Campus Life', 'Athletics & Recreation'. Below the navigation, the text 'University Library' is centered. To the right are buttons for 'ASK A LIBRARIAN' and 'LIBRARY CARD'. On the left, there's a sidebar with links: 'Borrow, Request, Renew', 'Do Your Research', 'Use Library Space and Labs', 'Learn, Evaluate, Cite', 'University Archives', 'About the Library', 'Support Your Library', and 'Library Home'. A red arrow points to the 'LIBRARY HOURS' section, which says 'Today: 7:30 am - 12:00 pm'. Below the sidebar is a large graphic for 'Full Spectrum Lights', which mimics natural outdoor light. To the right of the graphic is a search bar labeled 'LibSearch' with the placeholder 'Search library resources'. Below the search bar are links: 'Books and More', 'Movies and Streaming Music', 'Advanced Search', 'Find a Database', 'Find a Journal', and 'Learn about the new LibSearch'. At the bottom left are social media icons for Facebook, Twitter, Instagram, and Email. A red arrow points to the 'LibSearch' search bar.

Frequently Used Databases

- [Academic Search Premier](#)
- [Business Source Complete](#)
- [Films on Demand](#)
- [Google Scholar \(configure full text access\)](#)
- [JSTOR](#)
- [Oxford English Dictionary](#)
- [Points of View Reference Center](#)
- [ProQuest Global Newsstream](#)
- [ScienceDirect](#)
- [WorldCat](#)

Legend:

- restricted resource
- some full text
- OpenURL enabled
- Images
- Video files
- Audio files
- ELM
- Database
- eRef
- eBook

All Databases A-Z

Select a database to search for articles. To obtain full text, use FindIt! or click on PDF or HTML links.

A B C D E F G H I J K L M N O P R S
T U V W Num All - by format -
- by subject -

Go

[CINAHL Plus with Full Text \(Nursing\)](#)

EBSCO Databases

Search Selected EBSCO Databases Search

Limit Your Results

Full Text
 Peer Reviewed

EBSCOhost

- [Academic Search Premier](#)
- [AgeLine](#)
- [Alt HealthWatch](#)
- [Alternative Press Index](#)
- [Alternative Press Index Archive](#)
- [America: History & Life](#)
- [Art Full Text](#)
- [Business Source Complete](#)
- [CINAHL Plus with Full Text \(Nursing\)](#)
- [Communication & Mass Media Complete](#)
- [Criminal Justice Abstracts](#)
- [EBSCO eBook collection](#)
- [EBSCO MegaFILE](#)
- [ERIC \(EBSCO\)](#)
- [GreenFILE](#)
- [Health Source: Nursing/Academic](#)
- [Historical Abstracts](#)
- [MasterFILE Premier](#)
- [Mental Measurements Yearbook with Tests in](#)

10. How do you evaluate a source of information to determine if it is appropriate for academic/scholarly use. There is no set "checklist" to complete but below are some criteria to consider when you are evaluating a source.

- ACCURACY
 - i. Does the author cite reliable sources?
 - ii. How does the information compare with that in other works on the topic?
 - iii. Can you determine if the information has gone through peer-review?
 - iv. Are there factual, spelling, typographical, or grammatical errors?
- AUDIENCE
 - i. Who do you think the authors are trying to reach?
 - ii. Is the language, vocabulary, style and tone appropriate for intended audience?
 - iii. What are the audience demographics? (age, educational level, etc.)
 - iv. Are the authors targeting a particular group or segment of society?
- AUTHORITY
 - i. Who wrote the information found in the article or on the site?
 - ii. What are the author's credentials/qualifications for this particular topic?
 - iii. Is the author affiliated with a particular organization or institution?
 - iv. What does that affiliation suggest about the author?
- CURRENCY
 - i. Is the content current?
 - ii. Does the date of the information directly affect the accuracy or usefulness of the information?

- OBJECTIVITY/BIAS
 - i. What is the author's or website's point of view?
 - ii. Is the point of view subtle or explicit?
 - iii. Is the information presented as fact or opinion?
 - iv. If opinion, is the opinion supported by credible data or informed argument?
 - v. Is the information one-sided?
 - vi. Are alternate views represented?
 - vii. Does the point of view affect how you view the information?
- PURPOSE
 - i. What is the author's purpose or objective, to explain, provide new information or news, entertain, persuade or sell?
 - ii. Does the purpose affect how you view the information presented?

11. InterLibrary Loan

The screenshot shows the St. Cloud State University website. At the top, there is a red navigation bar with links: About Us, Admissions, Academics, Campus Life, and Athletics & Recreation. Below the navigation bar, the main content area has a light gray background. On the left, there is a sidebar with links: Borrow, Request, Renew; Do Your Research; Use Library Space and Labs; Learn, Evaluate, Cite; University Archives; About the Library; Support Your Library; and Library Home. In the center, the title "University Library" is displayed above a "Borrow, Request, Renew" section. This section contains three main links: "My Library Card" (formerly My Account), "Interlibrary Loan", and "Course Reserves". Below these are two smaller sections: "Equipment Check Out" and "Husky Fetch". A red arrow points from the left sidebar towards the "Interlibrary Loan" link. Another red arrow points from the right side of the page towards the same link.

12. Copyright and Fair Use

Author Rights and Publishing & Finding Author Instructions for Publishing in Scholarly Journals

- Plagiarism, academic honesty

13. Writing Tips

14. Dissemination of Research

Professor

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<http://web.stcloudstate.edu/pmiltenoff/faculty/>

schedule a meeting: <https://doodle.com/digitalliteracy>

find my office: https://youtu.be/QAng6b_FJqs