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# MCNAIR SCHOLARS

# LIBRARY PIN

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- ✕ Access your library account
- ✕ Access research databases and ebooks off-campus
- ✕ Renew books online
- ✕ Make InterLibrary Loan (ILL) request

+ <http://library.csuohio.edu>

# SCHOLAR

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- ✕ CSU Library's online catalog
  - + Search for books and journal titles
  - + <http://library.csuohio.edu/>

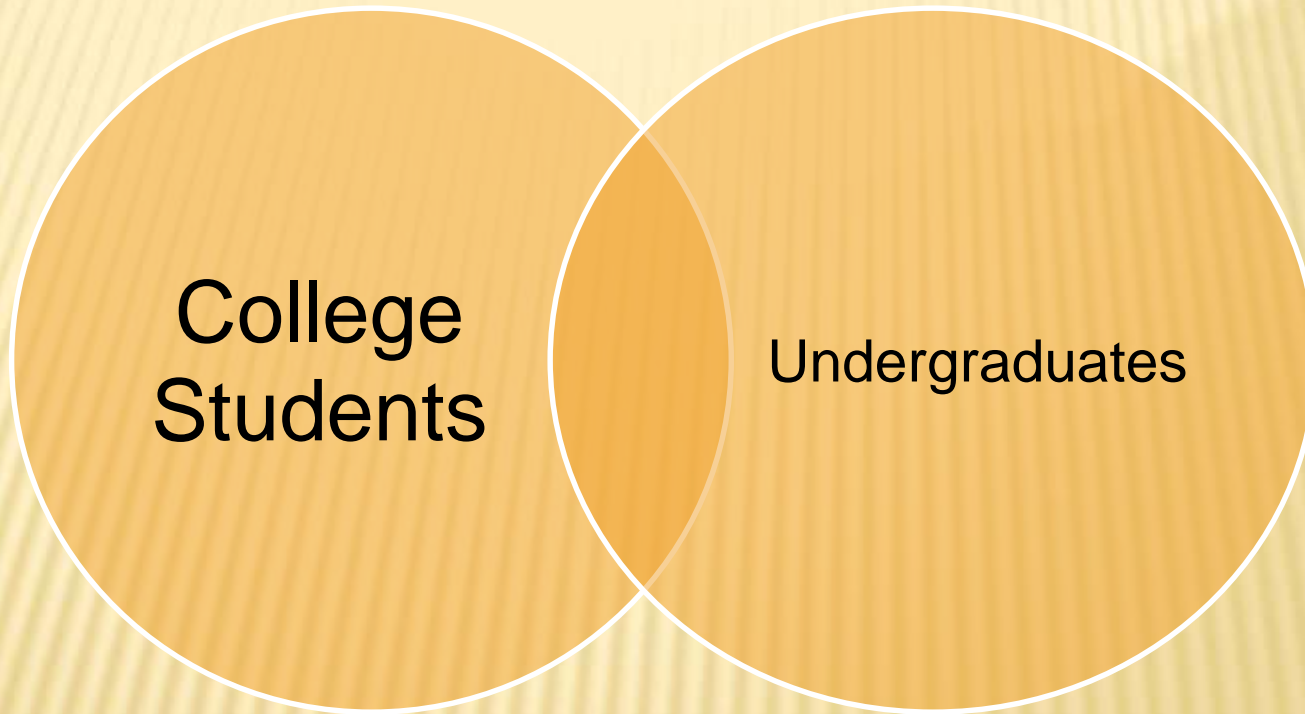
# OHIOLINK

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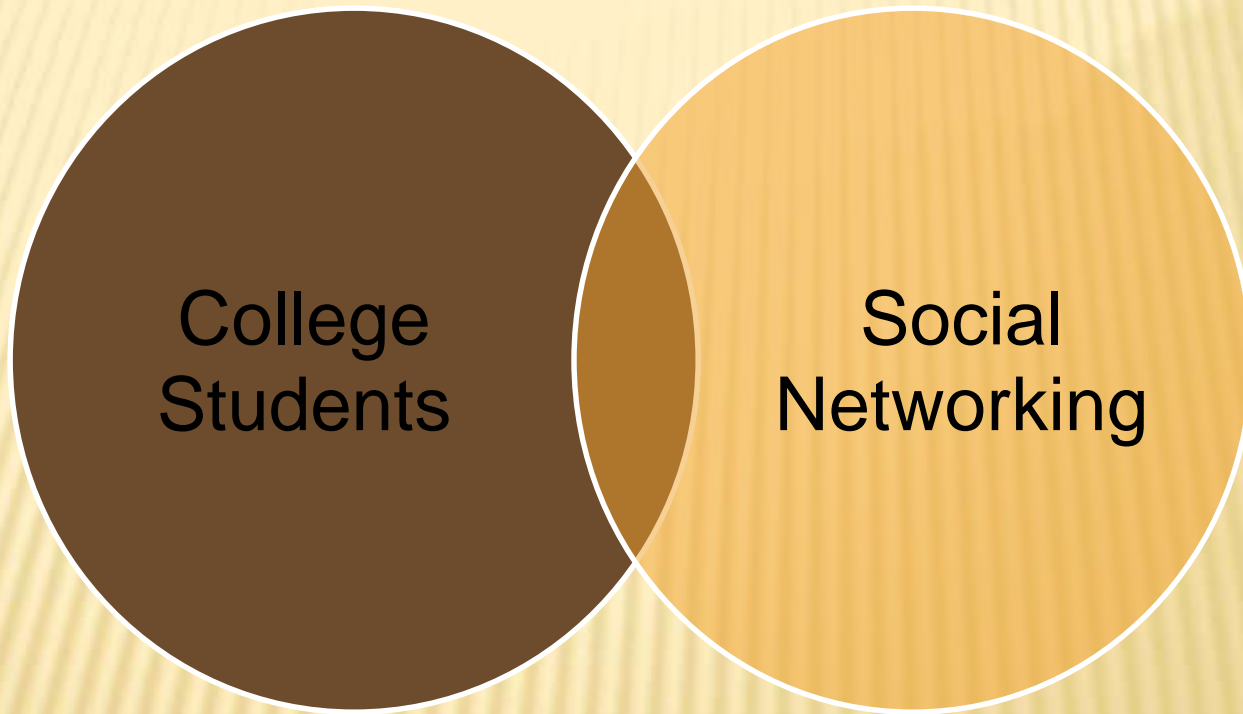
- ✖ If CSU doesn't have the book, it may be available through OhioLink
- ✖ Searches college and university libraries in Ohio, plus CCPL
- ✖ Books can be requested and delivered to CSU Library in 3 – 5 days

<http://library.csuohio.edu/>

# COMBINING SEARCH TERMS (OR)



# COMBINING SEARCH TERMS (AND)



# PEER-REVIEW

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- ✖ What are peer-reviewed or refereed journals?  
a.k.a scholarly journals

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- ⦿ Journals which only publish articles that are first reviewed and accepted by an independent panel of peers (scholars) who are experts in that field of study.

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- ✖ How do I know if an article is peer-reviewed/scholarly?

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- ✘ In Ebsco databases, such as Academic Search Complete, a limit can be set to only retrieve articles from scholarly or peer-reviewed journals

# RESEARCH GUIDES

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- ✕ Subject-specific one-stop shop for all main subject areas or majors offered at CSU:

- ✕ <http://researchguides.csuohio.edu/>

- ✕ McNair Scholars Research Guide:

- ✕ <https://researchguides.csuohio.edu/mcnair>

# RESEARCH DATABASES

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- ✕ Academic Search Complete

- + General research database, covering various subjects
  - ✕ Searching only in title field narrows search
  - ✕ Using “AND” narrows search
  - ✕ [Link to Academic Search Complete](#)

- ✕ Databases by Subject

- + Go to Research Databases
- + then “Databases by Subject” in left dropdown “All Subjects”
- + <https://researchguides.csuohio.edu/az.php>

# RESEARCH DATABASES

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## ✕ Electronic Journal Center (EJC)

- + All articles are in full text
- + Can narrow down by subject

+ [Link to EJC](#)

# RESEARCH DATATBASES

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## ✕ Newspaper Source

+ Full text for regional U.S. newspapers, international newspapers, newswires, and newspaper columns.

+ Newspaper Source

# JOURNALS AT CSU

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- ✗ Not a research database
- ✗ Use only when you have a reference or know what journal you want
- ✗ [Link to Journals at CSU](#)

# HOW TO READ A SCIENTIFIC PAPER<sup>1</sup>

1. Read the abstract
2. Browse the article to see its structure
3. Make sure you understand the vocabulary – look up words if necessary
4. Generate questions as you read the paper looking for main points
5. Take notes as you read – use template
6. Reflection/Criticism – make inferences based on prior knowledge

# QUESTIONS TO ASK<sup>1</sup>

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## ✗ Introduction

- + What is the main purpose of the research/study? How does this fit into the broader scope of the topic?

## ✗ Methods

- + Were the methods appropriate for what was being studied?

## ✗ Results

- + What is the one major finding? Did you notice any trends? Were there issues not addressed?

## ✗ Discussion

- + Do you agree with the conclusion? Are there other factors which influenced the results? What could be done as further research?

# HOW TO READ A SCIENTIFIC PAPER<sup>1</sup>

+ Begin by reading the abstract, which contains:

- × Purpose of study
- × Methodology
- × Results
- × Conclusion

+ Usual structure is IMRD:

- × Introduction - from broad to specific information
- × Methods – what was done to answer the question
- × Results - what was found
- × Discussion – provides an answer and shows how the results answer the question

# LITERATURE REVIEW

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## ✕ Definition

- + “a critical analysis of a segment of a published body of knowledge through summary, classification, and comparison of prior research studies, reviews of literature, and theoretical articles.” - Writing Center, University of Wisconsin – Madison

## ✕ Further Information

- + <http://writing.wisc.edu/Handbook/ReviewofLiterature.html>

# PLAGIARISM

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- ✘ Stealing and/or using the ideas or writings of another in a paper or report and claiming them as your own. This includes but is not limited to the use, by paraphrase or direct quotation, of the work of another person without full and clear acknowledgment.

★ - CSU Code of Student Conduct

<https://www.csuohio.edu/sites/default/files/StudentCodeOfConduct.pdf>

# PLAGIARISM

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- ✗ Not giving credit when you use:
  - + Someone else's idea, opinion, or theory
  - + Facts, statistics, graphs, drawings (or any pieces of information) that are not common knowledge
  - + Quotations of someone else's actual written or spoken words
  - + Paraphrase of someone else's spoken or written words

# CITATIONS

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- ✕ Links in Research Guides

- ✕ EndNote Basic Research Guide

<https://researchguides.csuohio.edu/EndNote>

# WRITING CENTER

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- ✕ <http://www.csuohio.edu/academic/writingcenter/>
  - + 216-687-6982

# REFERENCES

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<sup>1</sup>Purugganan, M. and Hewitt, J. How to Read a Scientific Article.

[http://www.owl.net.rice.edu/~cainproj/courses/sci\\_article.pdf](http://www.owl.net.rice.edu/~cainproj/courses/sci_article.pdf) (accessed August 26, 2009)