Research Help

In-Person
- Information Reference Desk in the Halle Library
- Academic Projects Center, Rm. 116 Halle Library
- Meet individually or as a group with Elizabeth
  - Appointment calendar – see link on CLRA research guide
  - Phone – 734-487-2506
  - Email – ebucciare@emich.edu

Online
- Email a question to the library - http://www.emich.edu/library/help/email.php
- Email – ebucciare@emich.edu
Support Services for Student Research

ACADEMIC PROJECTS CENTER (APC)
Rm. 116 Halle Library
http://www.emich.edu/apc/

UNIVERSITY WRITING CENTER (UWC)
Rm. 115 Halle Library
http://www.emich.edu/uwc
Levels of Research

1) Quick look-up AKA “googling it”

2) Consumer research

3) Subject specific, professional research
Selecting a Topic

Read trade magazines, current reliable news sources/newspapers
  ◦ Interesting
  ◦ Current
  ◦ Controversial

Look at professional organization web sites
  e.g. Association of Clinical Research Professionals [https://www.acrpnet.org/](https://www.acrpnet.org/)
  ◦ News
  ◦ Events
  ◦ Advocacy, legislation

FDA web site - [http://www.fda.gov/](http://www.fda.gov/)

People
Tips for Successful Research

Use a variety of resources
Keep a research journal
Be open to learning more about research & tools
Give yourself time to research properly
Be prepared to be surprised
Be persistent
Ask for help from your professor, a librarian, etc.
Information Channels

- Books
- People & Organizations
- Dissertations & Theses
- U.S. Govt. Publications
- Popular Magazines
- Scholarly & Professional Journals
- Newspapers
- Other Internet Resources
- Reference Material, e.g., encyclopedias, handbooks, dictionaries
Managing Your Research
The Research Journal

Record, record, record
◦ Ideas for topics; track your thinking processes; points of inspiration
◦ Databases & web sites searched
◦ Summary of search results
◦ Track & evaluate successes & failures
◦ Search strategies
◦ Keywords, terms, subject headings
◦ Conversations; People you want to contact

Use it consistently

Electronic bibliographic management tools, e.g., Zotero, RefWorks, EnfNote, Mendeley
APA Manual Sources


- Reserve Reference at Halle Circulation Desk – BF 76.6 .P82

[https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html)
General Resources

- **Dissertations & Theses Global Full text**
- **Digital Commons @ EMU**
- **Gale Virtual Reference Library** – encyclopedias of medical, nursing, cancer, genetic disorders, alternative medicine, and allied health
- **Health Source: Academic**
- **STAT!Ref**
- **Web of Science & Google Scholar**
- **WorldCat via FirstSearch** - books
- **Library Research Guides** - http://guides.emich.edu/clra685
## Types of Journals

<table>
<thead>
<tr>
<th>POPULAR</th>
<th>SUBSTANTIVE</th>
</tr>
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<tbody>
<tr>
<td>◦ Slick and attractive in appearance</td>
<td></td>
</tr>
<tr>
<td>◦ Rarely cite sources</td>
<td></td>
</tr>
<tr>
<td>◦ Written by staff or free-lance writers; may or may not list the author</td>
<td></td>
</tr>
<tr>
<td>◦ Language level is simple</td>
<td></td>
</tr>
<tr>
<td>◦ Main purpose is to entertain or to convey general information</td>
<td></td>
</tr>
<tr>
<td>◦ Target audience is reading at ~7th grade level</td>
<td></td>
</tr>
<tr>
<td>◦ e.g. People Weekly</td>
<td></td>
</tr>
<tr>
<td>◦ May be attractive in format and have pictures and ads</td>
<td></td>
</tr>
<tr>
<td>◦ May cite sources, but usually not</td>
<td></td>
</tr>
<tr>
<td>◦ Articles may or may not be signed by the author</td>
<td></td>
</tr>
<tr>
<td>◦ Language level may be simple, but not necessarily</td>
<td></td>
</tr>
<tr>
<td>◦ Purpose is to provide information to a broad, educated audience</td>
<td></td>
</tr>
<tr>
<td>◦ Target audience is reading at ~12th grade level</td>
<td></td>
</tr>
<tr>
<td>◦ e.g. Time, Newsweek</td>
<td></td>
</tr>
</tbody>
</table>
Types of Journals, cont.

TRADE

- Intention is to report on specific industry news, trends, key players & industry changes
- Contains advertising focused on the industry in question
- Contains pertinent job notices
- Pictures, charts, and ads abound
- Cite sources within the text of the article, but no official bibliography
- Articles are usually signed
- Trade jargon is used
- Reading level ~12th grade

SCHOLARLY

- Sober in tone
- Pictures not usually used, but charts and graphs may be
- Sources are always cited
- Articles are signed by a scholar or researcher
- Language is elevated and assumes familiarity with the jargon of the discipline
- May be published by a professional organization or university
- e.g. AJN, JAMA, AJOT
Refereed / Peer Reviewed Journals

- A journal which requires that, prior to publication, submitted articles be approved by a board in order to evaluate the quality, validity, reliability of the article.

- This review process is often done ‘blind’, that is, the reviewers do not know the name or academic affiliations of the authors, and the authors do not know who is reviewing their work.

- Check the journal title in *Ulrich’s Global Serials Directory*

Keyword / Free Text Searching

Searches the selected words anywhere in the text of the record

Searches most fields

Used when

◦ you forget how to begin searching
◦ you are not locating much information on your topic
◦ you cannot find a good subject heading in the thesaurus
Sample Citation/Record

TITLE: Clinical Trial Participation among Ethnic/Racial Minority and Majority Patients with Advanced Cancer: What Factors Most Influence Enrollment?

AUTHOR(S): Jimenez, Rachel; Zhang, Baohui; Joffe, Steven, et al

AUTHOR AFFILIATION: Department of Radiation Oncology, Harvard Radiation Oncology Program, Boston, Massachusetts


ABSTRACT: Background: Studies using administrative data report that racial/ethnic minority patients enroll in clinical trials less frequently than white patients. We studied a cohort of terminally ill cancer patients to determine a) if racial/ethnic minority...

MAJOR SUBJECTS: Clinical Trials; Research Subjects’ Cancer Patients; Minority Groups; Terminally Ill Patients

MINOR SUBJECTS: Human; Multicenter Studies; Prospective Studies; Interviews; English

PUBLICATION TYPE: journal article - research, tables/charts

SUBSET: Biomedical; Peer Reviewed; USA

RESEARCH INSTRUMENT / QUESTIONAIRRE / SCALE: Charlson Comorbidity Index (CCI)
Subject Heading Examples

e.g. #1
  ◦ sensory regulatory disorder, sensory regulatory dysfunction, sensory processing disorder, sensory integrative disorder, sensory integration disorder/dysfunction
    SH=sensory integrative dysfunction

e.g. #2
  ◦ AIDS, GRID, acquired immune deficiency syndrome, acquired immunodeficiency syndrome
    SH= acquired immunodeficiency syndrome
Clinical Research Administration
Databases – Medical & Scientific

- Cochrane Library
- CINAHL - Cumulative Index to Nursing and Allied Health Literature
- Health Source: Academic
- PsycINFO
- Web of Science
- PubMed/Medline
- WorldCat via FirstSearch – for books
Clinical Research Administration Databases for...

**BUSINESS AND LAW**
- Business – Scholarly & Trade
- Gale Business Collection
- Congress.gov
- Westlaw Campus Research

**CITED REFERENCE SEARCHING**
- Google Scholar
- Web of Science
Clinical Research Administration Databases for...

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<th>MEDICAL EBOOKS</th>
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<td>• Digital Commons @ EMU</td>
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<td>• R2</td>
<td>• Dissertations &amp; Theses Global Full Text</td>
</tr>
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<td>• STAT!Ref</td>
<td>• Open Access Theses &amp; Dissertations</td>
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Combining Sets

\[ \text{AND} = \text{Intersection} \]

\[ \text{OR} = \text{Union} \]
Evaluating Information

A³BCD
- A - Authority
- A - Accuracy
- A - Audience
- B - Bias/Objectivity
- C - Currency
- D - Design
- Functionality
- Format & appearance

CRAAAPP
- C – Currency
- R – Relevance
- A – Authority
- A – Accuracy
- A – Audience
- P – Purpose

https://guides.emich.edu/a3bcd

EBucciarelli 9/2018