

# Tutor Research Guide

## University of Arizona

### Libraries

- Fine Arts Library, <https://new.library.arizona.edu/visit/fine-arts>  
This library is home to the U of A music collection and includes scores, sheet music, and vinyl LPs, as well as theater collection of plays and films and architecture materials. The library offers a cozy setting with group study spaces, technology lending, and listening stations.
- Health Sciences Library, <http://ahsl.arizona.edu/>  
This site provides access to U of A community outreach, medicine, nursing pharmacy, and public health resources.
- Main Library, <https://new.library.arizona.edu/visit/main>  
Open nearly 24/7, the Main Library offers flexible spaces, research experts, technology resources, and in-depth research collections. It houses books, periodicals, and microforms relating to the social sciences, humanities, fine arts, education, and business. It also holds collections of media, maps, and government documents, collections for children's literature, Chinese and Japanese studies, and Middle Eastern studies.
- Science Library, <https://new.library.arizona.edu/visit/science>  
The library hosts a number of technology-rich collaborative spaces, including group study rooms, the U of A's first collaborative learning classroom, a Seed Library, and a makerspace with 3D printing. It also houses materials relating to life and physical sciences, engineering and technology, and military sciences, collections in photography and the fine arts, including visual arts, architecture, sculpture, illustration, design, drawing, painting, printing, and decorative arts.
- Special Collections, <http://speccoll.library.arizona.edu/>  
This site provides access to resources on Arizona & the southwest, borderlands, history of science, literature, performing arts, political affairs, and the U of A.
- University of Arizona Libraries, <https://new.library.arizona.edu/>  
This is the home page for all U of A libraries and resources.
- University of Arizona Press, <https://uapress.arizona.edu/>  
The University of Arizona Press is the premier publisher of academic, regional, and literary works in the state of Arizona, and disseminates ideas and knowledge that enrich understanding, inspire curiosity, and enlighten readers.

### Research Skills

- Improve Your Research Skills, <https://new.library.arizona.edu/research/tutorials>  
This U of A site provides access to an introductory and advanced library research tutorials.
- Research by Course/Program, <https://new.library.arizona.edu/research/course>  
This site provides access to references by course.
- Research Guides, <https://libguides.library.arizona.edu/?b=g&d=a>  
This U of A site includes an extensive list of research guides by subject and course.

- Research by Subject, <https://new.library.arizona.edu/research/subject>  
This site provides access to resources by subject.

## Tutorials

- How to Search Effectively, [http://www.library.arizona.edu/tutorials/how\\_to\\_search\\_effectively/](http://www.library.arizona.edu/tutorials/how_to_search_effectively/)  
Use phrases and combine keywords into search strings to find what you're looking for.
- Introductory Tutorial, <http://www.library.arizona.edu/applications/quickHelp/tutorial/librarysearch>  
This site accesses the U of A introductory research tutorial.
- Popular and Scholarly Resources, [http://www.library.arizona.edu/tutorials/scholarly\\_sources/](http://www.library.arizona.edu/tutorials/scholarly_sources/)  
Analyze articles to learn the differences between popular and scholarly sources.
- Searching Academic Search Ultimate, <http://www.library.arizona.edu/applications/quickHelp/tutorial/searching-academic-search-complete>  
Learn how to search for scholarly and popular articles across disciplines in an extensive collection of peer-reviewed, full-text journals, including many journals indexed in leading citation indexes.
- Searching News Content in Nexis Uni, <http://www.library.arizona.edu/applications/quickHelp/tutorial/searching-nexisuni>  
Find news items using keyword searching, evaluation of results, and advanced search features for 40,000+ current and archived sources from local, national and international newspapers, magazines, trade journals, wire and social media sources.
- Searching JSTOR, <http://www.library.arizona.edu/applications/quickHelp/tutorial/searching-jstor>  
Learn how to find and evaluate articles JSTOR, which provides access to more than 12 million academic journal articles, books, and primary sources in 75 disciplines.
- Searching Web of Science, <http://www.library.arizona.edu/applications/quickHelp/tutorial/searching-web-of-science->  
This interactive U of A tutorial explains how to use Web of Science.
- Selecting Keywords, [http://www.library.arizona.edu/tutorials/selecting\\_keywords/](http://www.library.arizona.edu/tutorials/selecting_keywords/)  
Learn how to choose the right keywords for different research questions.

## Search Engines and Databases

- Bielefeld Academic Search Engine (BASE), <https://www.base-search.net/>  
This site utilizes 4,000 sources, with results from over 100 million documents and includes an advanced search option.
- Creative Commons, <https://creativecommons.org/>  
This site provides access to 300 million images from 19 collections.
- Databases, <https://databases.library.arizona.edu/>  
This site provides access to U of A online databases.
- Directory of Open Access Journals, <https://www.doaj.org/>  
This site indexes and provides access to high quality, open access, peer-reviewed journals.

- Google Books, <https://books.google.com/>  
This site allows users to browse an index of thousands of books, look through pages, and find online reviews and hardcopy locations.
- Google Correlate, <https://www.google.com/trends/correlate/>  
Find searches that correlate with real-world data.
- Google Scholar, <https://scholar.google.com/>  
This tool collects scholarly literature on the web, including peer-reviewed papers, theses, books, abstracts and articles from academic publishers, professional societies, preprint repositories, universities and other scholarly organizations.
- Infotopia, <http://www.infotopia.info/>  
This academic search engine pulls from results that have been curated by librarians, teachers and other educational workers. Users can select a category, which ranges from art to health to science and technology, and obtain a list of internal and external resources pertaining to the topic.
- Internet Archive, <https://archive.org/>  
This is a non-profit library of millions of free books, movies, software, music, websites, and more. The archive contains 330 billion web pages, 20 million books and texts, 4.5 million audio recordings (including 180,000 live concerts), 4 million videos (including 1.6 million Television News programs), 3 million images, and 200,000 software programs.
- iSeek, <http://education.iseek.com/iseek/home.page>  
Simply ask a question or enter search topics or tools, and iSeek will pull from scholastic sources to find what you seek. The search engine is safe, intelligent and timesaving, and it draws from trusted resources from universities, government and established non-commercial sites.
- Microsoft Academic Search, <https://academic.microsoft.com/home>  
The search engine pulls content from over 120 million publications, including scientific papers, conferences and journals. You can search by topic, or by an extensive list of fields of study.
- References.net, <https://www.references.net/>  
This site is a multidisciplinary web directory of the most useful reference related resources. It is browsable by category, alphabetically, or by keywords.
- RefSeek, <https://www.refseek.com/>  
This search engine pulls from over one billion web pages, encyclopedias, journals and books, and is similar in function to Google, except that it focuses on scientific and academic results, meaning more results will come from .edu or .org sites, as well as online encyclopedias. It also provides easy access to PDFs of academic papers.
- SpringerLink, <https://link.springer.com/>  
Providing researchers with access to millions of scientific documents from journals, books, series, protocols, reference works and proceedings.
- Virtual Learning Resource Center, <http://www.virtuallrc.com/>  
This is an online index hosting thousands of scholarly websites, all of which are selected by teachers and librarians from around the globe. The site provides students and teachers with current, valid information for

school and university academic projects using an index gathered from research portals, universities and library internet subject guides recommended by teachers and librarians.

- World Fact Book, <https://www.cia.gov/library/publications/the-world-factbook/index.html>  
This site provides information on the history, people, government, economy, geography, communications, transportation, military, and transnational issues for 267 world entities.

## **Federal Government**

- Library of Congress, <https://www.loc.gov/>  
This site provides access to librarians, cataloging programs, duplication services, interlibrary loan, library cards, information for publishers, and special programs.
- National Archives, <https://www.archives.gov/>  
This is the nation's record keeper, and includes the most important federal documents, and includes genealogy records, veteran's military service records, and historical topics.

## **General Knowledge**

- Wolfram Alpha Everyday Life, <https://www.wolframalpha.com/examples/everyday-life/>  
This unique site provides access to knowledge about pop culture, personal finance, nutrition, health and other topics.

## **Note-Taking**

- Best Note-Taking Methods for College Students and Serious Note-Takers, <https://medium.goodnotes.com/the-best-note-taking-methods-for-college-students-451f412e264e>  
This site provides instructions, and pros and cons for five different note-taking methods.
- Cornell Notes, <https://mathematicstrategies.weebly.com/cornell-notes.html>  
This site teaches students how to use the Cornell note-taking strategy, which resembles a graphic organizer divided into three sections.

## **Resources by Subject**

### **Agriculture**

- United States Department of Agriculture National Agriculture Library, <https://www.nal.usda.gov/>  
This site includes legal, animal-related, rural, and food-related resources.

### **Art**

- ArtCyclopedia, <http://www.artcyclopedia.com/>  
This site provides art-related articles and news, and information about artists, art museums, and masterpieces.

### **Biology**

- CSE Citation Guide, <https://guides.libraries.psu.edu/friendly.php?s=CSE>  
This guide contains some examples of common citation formats in Council of Science Editors (CSE).

## Economics

- Research Papers in Economics (RePEc), <http://repec.org/>  
This site is a collaborative effort of hundreds of volunteers in 99 countries to enhance the dissemination of research in economics and related sciences, and includes a decentralized bibliographic database of working papers, journal articles, books, books chapters and software components.

## Education

- Educational Resources Information Center (ERIC), <https://eric.ed.gov/>  
Populated by the U.S. Department of Education, this site is used primarily for academic research with more than 1.3 million bibliographic records of articles and online materials, including education-related literature, including journal articles, books, research syntheses, conference papers, technical reports, policy papers and more.

## Engineering

- IEEE Style Guide, <https://pitt.libguides.com/c.php?g=12108&p=64736>  
This style manual provides editorial guidance for IEEE Transactions, Journals, and Letters. It outlines how to divide the parts of a paper, cite figures and tables, and it gives guidelines for specific grammar rules.

## History

- American Folklife Center, <https://www.loc.gov/folklife/>  
This site is one of the largest archives of ethnographic materials from the U.S. and around the world, encompassing millions of items of ethnographic and historical documentation recorded from the nineteenth century to the present. These collections, which include extensive audiovisual documentation of traditional arts, cultural expressions, and oral histories, offer researchers access to the songs, stories, and other creative expressions of people from diverse communities.
- History Engine, <http://historyengine.richmond.edu/>  
This site is a collection of thousands of historical “episodes” that paints a wide-ranging portrait of the past that is freely available to scholars, teachers, and the general public.
- Internet Ancient History Sourcebook, <https://sourcebooks.fordham.edu/ancient/asbook.asp>  
This site, from Fordham University, includes a huge collection of ancient history-related sources.
- Internet Modern History Sourcebook, <https://sourcebooks.fordham.edu/mod/modsbook.asp>  
This site, from Fordham University, includes a huge collection of modern history-related resources.
- Literary Encyclopedia, <https://www.litencyc.com/>  
This site is an evolving and updating repository of authoritative reference work about literary and cultural history.
- Veterans History Project, <https://www.loc.gov/vets/>  
This site provides access to collected, preserved, and accessible personal accounts of American war veterans so that future generations may hear directly from veterans and better understand the realities of war.
- World Digital Library, <https://www.wdl.org/en/>  
This is a project of the U.S. Library of Congress, and in cooperation with libraries, archives, museums, educational institutions, and international organizations from around the world. The WDL makes available on the Internet, free of charge and in multilingual format, significant primary materials from all countries and cultures.

## Legal and Federal Government Sites and Search Engines

- CONGRESS.GOV, <https://congress.gov>  
This site provides committee reports, Congressional record, members, nominations, House communications, Senate communications, and treaty documents meeting records.
- Copyright.gov, <https://copyright.gov/>  
This site allows users to register a copyright, record a document, and search copyright records. It includes a fair use index, virtual card catalog, and U.S. Copyright Law, Title 17 of the U.S. Code.
- Federal Register, <https://federalregister.gov>  
This is the daily journal of the U.S. government, and where federal agencies publish proposed rules, final rules, public notices and Presidential actions.
- Law Library of Congress, <http://www.loc.gov/law/>  
With approximately 2.65 million volumes, the Law Library's collection of primary and secondary sources constitutes the largest legal collection in the world.
- Legal Writing Citation Guide, <https://www.law.cornell.edu/citation/>  
This site reflects the 2015 edition of *The Bluebook* and The Supreme Court's Style Guide, and is linked to the free citation guide, *The Indigo Book*.
- SENATE.GOV, <https://www.senate.gov/>  
This site includes information on Senators, committees, legislation and records, art and history, and references.
- State Legislative Websites, <http://www.ncsl.org/aboutus/ncslservice/state-legislative-websites-directory.aspx>  
This site includes information on state bills, committees, research, and meetings.
- United States Courts, <https://www.uscourts.gov/>  
This site includes information about federal courts, judges and judgeships, services and forms, court records, statistics and reports, and rules and policies.

## Literature and Poetry

- Library of Congress Literature and Poetry, <https://www.loc.gov/poetry/>  
This site provides access to readings, performances, lectures, conferences, and symposia, and sponsors high-profile prizes and fellowships for literary writers.

## Math Sites and Search Engines

- Wolfram Alpha Mathematics, <https://www.wolframalpha.com/examples/mathematics/>  
This site provides access to algebra, applied mathematics, calculus & analysis, complex analysis, continued functions, differential equations, discrete mathematics, elementary math, famous math problems, geometry, linear algebra, logic & set theory, mathematical definitions, mathematical functions, numbers, number theory, numbers, plotting & graphing, probability, statistics, and trigonometry resources.

## Medicine and Healthcare

- AMA Citation Guide, [https://research.library.oakland.edu/sp/subjects/tutorial.php?faq\\_id=186](https://research.library.oakland.edu/sp/subjects/tutorial.php?faq_id=186)  
This Oakland University site provides information contained in the *American Medical Association Manual of Style*.

- MedlinePlus, <https://medlineplus.gov/>  
This site is the National Institutes of Health's Web site for patients and their families and friends. It provides information about diseases, conditions, and wellness issues.
- PubMed, <https://www.ncbi.nlm.nih.gov/pubmed/>  
This site includes access to more than 29 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

### Music

- Concerts from the Library of Congress, <https://www.loc.gov/concerts/>  
This site provides access to all aspects of concerts sponsored by the Library of Congress.

### Politics

- Political Information, <http://www.politicalinformation.com/>  
This site includes more than 5000 carefully selected policy and political websites, latest political news from dozens of authoritative sources, and serves as a resource for journalists, political professionals, students and political junkies around the world.

### Reading

- Center for the Book, <http://www.read.gov/cfb/>  
This site promotes books and libraries, literacy and reading, and poetry and literature, a diverse range of events, series, lectures, partnerships, prizes, contests, and awards.

### Science Sites and Search Engines

- Analytical Science Digital Library, <https://home.asdlib.org/>  
This site collects, catalogs, links and publishes peer reviewed web-based discovery materials pertinent to innovations in curricular development and supporting technical resources in the analytical sciences.
- ResearchGate, <https://www.researchgate.net/search>  
This is a unique social networking site for scientists and researchers. Over 11 million researchers submit their work, which totals more than 100 million publications, on the site for anyone to access. You can search by publication, data and author, and ask the researchers questions.

SciCentral, <http://www.scicentral.com/>

This site aggregates breaking research news from reputable and reliable sources.

- Science.gov, <https://www.science.gov/>  
This site uses a search engine that accesses more than 60 databases, over 2,200 websites and 200 million pages of journals, documents and scientific data. Search results can be filtered by author, date, topic and format.
- Wolfram Alpha Science & Technology, <https://www.wolframalpha.com/examples/science-and-technology/>  
This site contains an extensive database of chemistry, computational science, earth sciences, engineering, food science, health & medicine, life sciences, materials, physical geography, physics, space & astronomy, technological world, transportation, units & measure, and weather & meteorology.
- WorldWideScience.ORG, <https://worldwidescience.org/>  
The site utilizes databases from over 70 countries. When users type a query, it hits databases from all over the world and will display both English and translated results from related journals and academic resources.

## Social Sciences Sites and Search Engines

- ASA Citation Guide, [https://owl.purdue.edu/owl/research\\_and\\_citation/using\\_research/formatting\\_in\\_sociology\\_asa\\_style/references\\_page\\_formatting.html](https://owl.purdue.edu/owl/research_and_citation/using_research/formatting_in_sociology_asa_style/references_page_formatting.html)  
This resource covers American Sociological Association (ASA) style and includes information about manuscript formatting, in-text citations, formatting the references page, and accepted manuscript writing style.
- Wolfram Alpha Society and Culture, <https://www.wolframalpha.com/examples/society-and-culture/>  
This site contains extensive resources on art & design, arts & media, dates & times, demographics & social statistics, economic data, education, food & nutrition, games & puzzles, history, institutions & organizations, money & finance, people, points of interest, political geography, sports, and words & linguistics.

## Technology

- Webopedia, <https://www.webopedia.com/>  
This site provides access to an online technical dictionary.

## Writing & Citing & Plagiarism

- Accidental Plagiarism, [http://www.library.arizona.edu/tutorials/accidental\\_plagiarism/](http://www.library.arizona.edu/tutorials/accidental_plagiarism/)  
This is an interactive tutorial to practice skills to avoid accidental plagiarism.
- APA Style, [https://owl.purdue.edu/owl/research\\_and\\_citation/apa\\_style/apa\\_style\\_introduction.html](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_style_introduction.html)  
These OWL resources describe the American Psychological Association (APA) citation and format style. This section contains resources on in-text citation and the References page, as well as APA sample papers, slide presentations, and the APA classroom poster.
- Chicago Manual of Style, [https://owl.purdue.edu/owl/research\\_and\\_citation/chicago\\_manual\\_17th\\_edition/cmos\\_formatting\\_and\\_style\\_guide/chicago\\_manual\\_of\\_style\\_17th\\_edition.html](https://owl.purdue.edu/owl/research_and_citation/chicago_manual_17th_edition/cmos_formatting_and_style_guide/chicago_manual_of_style_17th_edition.html)  
This OWL section contains information on *The Chicago Manual of Style* method of document formatting and citation.
- Citation Guide, <https://new.library.arizona.edu/research/citing/guide>  
This U of A page lists general and specific citation guides.
- Guide to Avoiding Plagiarism, <https://new.library.arizona.edu/research/citing/plagiarism>  
This U of A guide provides rules on quoting, paraphrasing, citing, and practice.
- Manage Your Citations, <https://new.library.arizona.edu/research/citing/manage>  
This U of A site describes how to access EndNote Web, Mendeley, RefWorks, and Zotero citation software.
- MLA Style, [https://owl.purdue.edu/owl/research\\_and\\_citation/mla\\_style/mla\\_style\\_introduction.html](https://owl.purdue.edu/owl/research_and_citation/mla_style/mla_style_introduction.html)  
These OWL resources will help you learn how to use the Modern Language Association (MLA) citation and format style. This section contains resources on in-text citation and the Works Cited page, as well as MLA sample papers, slide presentations, and the MLA classroom poster.
- Plagiarism Quiz, <http://en.writecheck.com/plagiarism-quiz>  
This quick quiz checks students' knowledge of plagiarism.



- Purdue Owl, [https://owl.purdue.edu/owl/purdue\\_owl.html](https://owl.purdue.edu/owl/purdue_owl.html)  
The Online Writing Lab (OWL) at Purdue University is an extensive site of writing resources and instructional materials.
- Quotes.net, <https://www.quotes.net/>  
This site consists of a huge collection of literary quotations and movie quotes of famous authors and featured movies, collaboratively assembled by contributing editors.
- Research, <https://owl.purdue.edu/research/research.html>  
This OWL section houses past and present scholarship and research.
- Understanding Plagiarism, <https://www.plagiarism.org/understanding-plagiarism>  
This site defines plagiarism and provides sources and videos that explain how to avoid plagiarism.
- UW-Madison Writer's Handbook, <https://writing.wisc.edu/Handbook/>  
This site provides extensive resources on academic and professional writing, writing process and structure, improving writing style, grammar and punctuation, and citing references.
- Writing Resource Center, <http://en.writecheck.com/resources/>  
This site provides plagiarism and grammar checks, how to find resources, types of papers, and writing tips.

# Tutor Research Guide Activity

This document is available online at <http://denisemeeks.com/science/documents/trg.pdf>

Please number your responses and submit via email to [saluttut@email.arizona.edu](mailto:saluttut@email.arizona.edu).

In your email, please include your name, and a course and subject that you tutor.

1. Select and access one of the U of A **Libraries** sites. Locate and list a reference related to a course/subject you tutor that could be used by students writing a paper related to that course/subject. Explain why this resource might be useful to students studying that course/subject.
2. Access U of A Research by Course/Program (<https://new.library.arizona.edu/research/course>) or U of A Research by Subject (<https://new.library.arizona.edu/research/subject>). Locate a site for one of the courses/subjects that you tutor. List one of the resources provided for that course/subject. Explain why this resource might be useful to students studying that course/subject.
3. Select and access one of the **Search Engines**. List a resource related to one of the courses/subjects you tutor. Explain why this resource might be useful to students studying that course/subject.
4. List a site that helps students avoid plagiarism. Access that site and briefly describe what information that site provides that will assist students in avoiding plagiarism.
5. Access Manage Your Citations, <https://new.library.arizona.edu/research/citing/manage> . Select one of the citation managers and describe three of its features and briefly describe how the citation manager you selected can assist students in avoiding plagiarism.
  - a.
  - b.
  - c.
6. Describe three tutoring strategies you can use to help students improve their research skills.
  - a.
  - b.
  - c.
7. Locate a research-related site that you use or could use to access resources related to a subject/discipline in your area(s) of expertise that is not included on this **Tutor Research Guide**. Please provide that site's title and URL and explain why that site is useful.