

Triangulation and Qualitative (or Mixed-Methods) Research Articles

A lot of people struggle with locating resources that include triangulation. Below are some Librarian Tips for locating these articles.

Tip #1: U-Search vs Specific Databases

For this type of research, you might have better success using a specific database rather than U-Search. We recommend starting with databases in the subject of Education: Education Source, ERIC, and PsycINFO are good places to start. NOTE: *if you do not know how to find these databases, let us know and we will be happy to show you.*

Library Databases for Authorized ASU Students, Faculty & Staff

Education

+ [Education Source](#) 

+ [Educational Administration Abstracts](#) 

+ [ERIC \(via EBSCOhost\)](#) 

+ [Gale Virtual Reference Library](#) 

+ [Physical Education Index](#) 

+ [Professional Development Collection](#) 

+ [PsycINFO®](#) 


 

+ [Teacher Reference Center](#) 

Tip #2: Use Appropriate Keywords in the Search Boxes

One of the easier ways to accomplish this is to use both **qualitative research** and **triangulation** as keywords in your search string.



Searching: [Education Source](#) | [Choose Databases](#)

| | | | | |
|-----------------------------------|--|-----------------------------|-----------------------|-------------------|
| Your Major/Area of Specialization | Select a Field (optional) ▼ | Search | Clear | ? |
| AND ▼ | ative research or qualitative study | Select a Field (optional) ▼ | | |
| AND ▼ | triangul* | TX All Text Fields | + - | |

[Basic Search](#) [Advanced Search](#) [Search History](#)

Start with the following:

Your research interest *Note: use specific keyword(s) like bullying, college preparedness, assessment*

AND qualitative research or qualitative study *Example of using synonyms*


AND triangul* *Note: using the truncated word **triangul*** searches for word ending variations*
Note: in the Select a Field (optional) box, select TX All Text Fields

Librarian Tips:

- use synonyms to expand your search results (i.e. High School or Secondary School or 11th Grade)
- use OR to expand your search results (i.e. Qualitative or mixed-methods or mixed methods)
- use AND to narrow your search (i.e. counseling and FERPA)
- use NOT to eliminate unwanted results (i.e. counseling not FERPA)
- use the truncation symbol (an asterisk * in many databases) to search multiple endings for a word (i.e. counsel* will search for counsel, counselor, counselors, counseling, etc.)
- use the TX All Text Fields option to search within the text of the documents

Tip #3: When the Word “Triangulation” Does Not Show Up

There is no guarantee that the study will contain the word triangulation even though the author(s) used triangulation of data in the study. When you encounter this problem, stop searching for the word triangulation and search for specific methods of data collection used in qualitative research. For example: focus groups or observations or interviews or field notes or action research



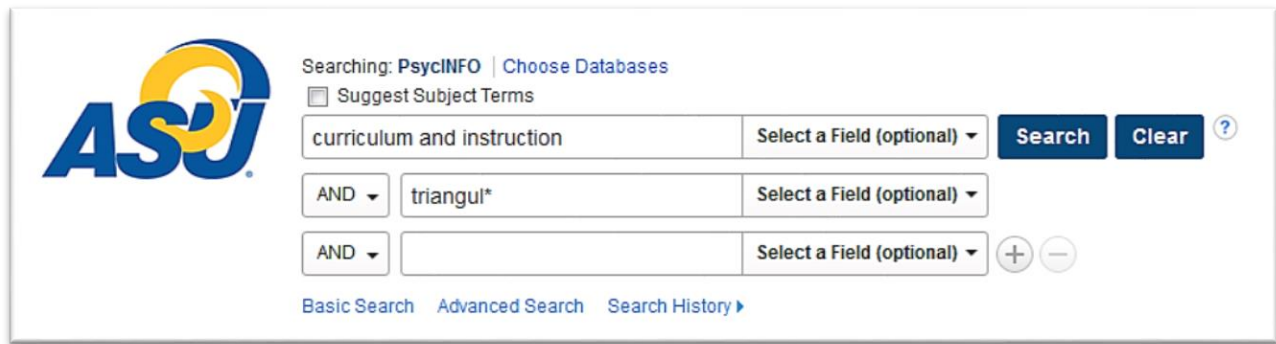
Searching: [Education Source](#) | [Choose Databases](#)

| | | | | |
|-----------------------------------|---|-----------------------------|-----------------------|-------------------|
| Your Major/Area of Specialization | Select a Field (optional) ▼ | Search | Clear | ? |
| AND ▼ | ative research or qualitative study | Select a Field (optional) ▼ | | |
| AND ▼ | focus group or observation or inte | TX All Text Fields | + - | |

[Basic Search](#) [Advanced Search](#) [Search History](#)

Tip #4: Use Methodologies Limiters Found in Some Databases

In PsycINFO



The screenshot shows the ASU PsycINFO search interface. On the left is the ASU logo. The main search area has a header "Searching: PsycINFO | Choose Databases" and a checkbox for "Suggest Subject Terms". Below this are three search rows. The first row has the text "curriculum and instruction" in the input field, a dropdown menu set to "Select a Field (optional)", and "Search" and "Clear" buttons. The second row has a dropdown menu set to "AND", the text "triangul*" in the input field, and a dropdown menu set to "Select a Field (optional)". The third row has a dropdown menu set to "AND", an empty input field, and a dropdown menu set to "Select a Field (optional)". To the right of the third row are plus and minus buttons. At the bottom are links for "Basic Search", "Advanced Search", and "Search History".

Start with the following:

Your research interest *Note: use specific keyword(s) like bullying, college preparedness, assessment*

AND triangul* *Note: using the truncated word **triangul*** broadens the search*

Librarian Tips:

- use synonyms to expand your search results (i.e. High School or Secondary School or 11th Grade)
- use OR to expand your search results (i.e. Qualitative or mixed-methods or mixed methods)
- use AND to narrow your search (i.e. counseling and FERPA)
- use NOT to eliminate unwanted results (i.e. counseling not FERPA)
- use the truncation symbol (an asterisk * in many databases) to search multiple endings for a word (i.e. counsel* will search counsel, counselor, counselors, counseling, etc.)

Then look for the **Methodologies** limiter in one of two locations:

#1 if you have this screen:

Look in the left column for “Methodology” and click. Find “qualitative study” and put a check in the box. (if needed, click on “show more” then select “qualitative study”).

ASU Logo

Searching: PsycINFO | Choose Databases

☐ Suggest Subject Terms

curriculum and instruction

AND

AND

Basic Search Advanced Search Search History >

Sign In Folder Preferences Languages Help

ANGELO STATE UNIV LIBR

<< Refine Results >>

Current Search

Boolean/Phrase:
(curriculum and instruction)
AND triangul*

Limit To

☐ Linked Full Text

☐ References Available

☐ Open Access

1977 Publication Date 2017

Show More

Source Types

☒ All Results

☐ Dissertations (83)

☐ Academic Journals (61)

☐ Books (3)

Show More

Subject: Major Heading >

Subject >

Publication >

Publisher >

Language >

Age >

Gender >

Classification >

Methodology >

☐ quantitative study (82)

☒ qualitative study (58)

☐ interview (49)

☐ nonclinical case study (23)

☐ focus group (13)

☐ field study (6)

Show More

Tests & Measures >

Population >

Search Results: 1 - 10 of 147

Relevance Page Options Share

Plum Print >>

- Perspectives on learning to cook and public support for cooking education policies in the United States: A mixed methods study.**

Wolfsen, Julia A.; Frattaroli, Shannon; Bleich, Sara N.; Smith, Katherine Clegg; Teret, Stephen P.; Appetite, Vol 108, Jan 1, 2017 pp. 226-237. Publisher: Elsevier Science; [Journal Article]

Subjects: Adult Attitudes; Curriculum. Public Opinion; Education Policy; Food Preparation; Adulthood (18 yrs & older); Young Adulthood (18-29 yrs); Thirties (30-39 yrs); Middle Age (40-64 yrs); Male; Female

Academic Journal

[Full Text Finder](#)
- Primary grades teachers' instructional decisions during online mathematics professional development activities.**

Polly, Drew; Martin, Christie S.; Wang, Chuang; Lambert, Richard G.; Pugalee, David K.; Early Childhood Education Journal, Vol 44(3), May, 2016 pp. 275-287. Publisher: Springer; [Journal Article]

Subjects: Computer Assisted Instruction; Elementary School Teachers; Mathematics Education; Professional Development; Adulthood (18 yrs & older)

Cited References: (40)

Academic Journal

[Request this item through Interlibrary Loan](#)
- Enhancing teachers' skills and students' success in writing using elementary teachers' experiences in writing instruction.**

Gray, Lundy S.; Dissertation Abstracts International Section A: Humanities and Social Sciences, Vol 77(5-A)(E) Publisher: ProQuest Information & Learning; [Dissertation]

Subjects: Ability; Achievement; Creative Writing; Students; Teacher Attitudes; Adulthood (18 yrs & older)

Dissertation/Thesis

[Request this item through Interlibrary Loan](#)
- The crossroads of English language learners, task-based instruction, and 3D multi-user virtual learning in Second life.**

Chen, Julian ChengChiang; Computers & Education, Vol 102, Nov 2016 pp. 152-171. Publisher: Elsevier Science; [Journal Article]

Subjects: Learning Environment; Virtual Reality; Computer Mediated Communication; Adulthood (18 yrs & older); Young Adulthood (18-29 yrs); Thirties (30-39 yrs); Middle Age (40-64 yrs); Male; Female

Academic Journal

[Full Text Finder](#)
- Triangulating principal effectiveness: How perspectives of parents, teachers, and assistant principals identify the central importance of managerial skills.**

Grissom, Jason A.; Loeb, Susanna; American Educational Research Journal, Vol 48(5), Oct, 2011 pp. 1091-1123. Publisher: Sage Publications; [Journal Article]

Subjects: Academic Achievement; Curriculum Development; Management Methods; Childhood (birth-12 yrs); School Age (6-12 yrs); Adolescence (13-17 yrs); Male; Female

Cited References: (34) Times Cited in this Database: (14)

Academic Journal

[Linked Full Text](#)
- The distinction between inquiry-based instruction and non-inquiry-based instruction in higher education: A case study of what happens as inquiry in 16 education courses in three universities.**

Aulls, M. W.; Magon, J. Kaur; Shore, B. M.; Teaching and Teacher Education, Vol 51, Oct, 2015 pp. 147-161. Publisher: Elsevier Science; [Journal Article]

Subjects: Educational Objectives; Higher Education; Questioning; Teacher Education; Teaching Methods; Adulthood (18 yrs & older)

Cited References: (81)

Academic Journal

[Full Text Finder](#)
- The influence of using affective tutoring system in accounting remedial instruction on learning performance and usability.**

Lin, Hao-Chiang Koong; Wu, Chih-Hung; Hsueh, Ya-Ping; Computers in Human Behavior, Vol 41, Dec, 2014 pp. 514-522. Publisher: Elsevier Science; [Journal Article]

Subjects: Computer Assisted Instruction; Learning Ability; Remedial Education; Tutoring; Adulthood (18 yrs & older)

Cited References: (32)

Academic Journal

[Full Text Finder](#)
- Teaching analytics: A clustering and triangulation study of digital library user data.**

Xu, Beijie; Recker, Mimi; Journal of Educational Technology & Society, Vol 15(3), Jul, 2012 pp. 103-115. Publisher: International Forum of Educational Technology & Society; [Journal Article]

Subjects: Classroom Environment; Cluster Analysis; Computer Assisted Instruction; Digital Computers; Data Mining; Adulthood (18 yrs & older)

Cited References: (30) Times Cited in this Database: (1)

Academic Journal

[PDF Full Text](#)

#2 if you have this screen:

Angelo State University Library Search Interface

Search: PsycINFO | Choose Databases

☐ Suggest Subject Terms

curriculum and instruction Select a Field (optional) Search Clear ?

AND Select a Field (optional)

AND Select a Field (optional) + -

Basic Search Advanced Search Search History

Search Options

Reset

Search Modes and Expanders

Search modes ?

- ☒ Boolean/Phrase
- ☐ Find all my search terms
- ☐ Find any of my search terms
- ☐ SmartText Searching [Hint](#)

Apply equivalent subjects ☐

Apply related words ☐

Also search within the full text of the articles ☐

Limit your results

Linked Full Text ☐

Open Access ☐

Supplemental Materials

AI
3-D Modeling Images
Appendixes
Audio

Published Date

Month Year - Month Year

Tests & Measures

References Available ☐

Impact Statement Available ☐

Source

Publication Year

Peer Reviewed ☐

Publisher

Publication Status

AI
first posting
fully published

Publication Type

AI
All Journals
Peer-Reviewed Journal
Peer-Reviewed Status-Unknown

Age Groups

AI
Childhood (birth-12 yrs)
Neonatal (birth-1 mo)
Infancy (2-23 mo)

Intended Audience

AI
General Public
Juvenile
Psychology: Professional & Research

Book Type

AI
Classic Book
Conference Proceedings
Handbook/Manual

Classification Codes

AI
2100 General Psychology
2140 History & Systems
2200 Psychometrics & Statistics & Methodology

English ☐

Language

AI
Afrikaans
Arabic
Bulgarian

Population Group

AI
Human
Animal
Male

Document Type

AI
Abstract Collection
Bibliography
Chapter

Methodology

AI
QUALITATIVE STUDY
QUANTITATIVE STUDY
SCIENTIFIC SIMULATION
TREATMENT OUTCOME

Exclude Dissertations ☐

Search

Methodology

QUALITATIVE STUDY
QUANTITATIVE STUDY
SCIENTIFIC SIMULATION
TREATMENT OUTCOME

Once you have found an article of interest. Analyze it to make sure it meets the requirements for your assignment. Be sure to read the abstract and the methods sections.

Ask a librarian for assistance in finding resources.

Ask your professor if you have questions about whether a specific article meets the requirements for the assignment.