

# *Library Research Techniques*

Topic: Are online classes more effective than traditional face-to-face classes for college students?

Stephen Badalamente,  
Librarian

ENGL&101 Montoya, Fall 2023

# Library Research Techniques

Sample topic: Are online classes more effective than traditional face-to-face classes for college students?

## Source Requirements

**5 Total**, credible

& appropriate for  
academic research

- *At least 1 peer-reviewed*

Choose One

*OR*

Search ~All

Databases

eReserves

Get Help

One Search

Articles

Books

Publications

Keyword



Search

☐ Full Text ☐ Available in Library Collection ☐ Peer Reviewed

**COLUMBIABASIN.EDU/LIBRARY**

# RESEARCH DATABASES

## EBSCO Discovery Service (OneSearch)

❖ Complementary Index

❖ *PROQUEST*

- Academic Search Complete
- ERIC
- Gale ACADEMIC ONEFILE

# RESEARCH KEYWORDS

Truncation: Educat\* = Educate, Educators, Education...

AND (narrows): online learning **AND** college

OR (broadens): college **or** higher education

PHRASE (just this): "face to face"

## RESEARCH KEYWORDS

("face to face" **or** "in person")

**AND** ( online learning **or** online  
courses **or** distance education )

**AND** ( college **or** higher education  
**or** university )

**AND** united states

<https://bit.ly/42TB0yk>

# WHY?

## You Ask

"Are online classes more effective than traditional face-to-face classes for college students?"

## It Processes

SELECT

7768617420617265207468652065  
6475636174696f6e616c2062656e6  
566697473206f6620766964656f20  
67616d6573

IN ALL

# KEY TAKEAWAY: THE DATABASE DOESN'T UNDERSTAND SENTENCES.

## Search

online classes AND "face to  
face"

## It Processes

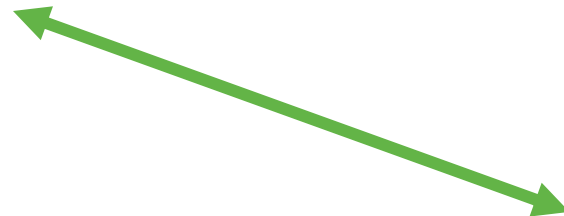
SELECT

766964656f2067616d6573

AND

6c65617226e696e670a

IN ALL





# PEER-REVIEWED

1. Multiple Authors (usually)
2. Author Affiliation
3. Article Length:
4. Abstract
5. Indicator Words: “the present study .... examined ...measured ... identified ...results indicated?”
6. Article Sections: introduction, methods, results, discussion
7. Illustrations
8. Submission and Acceptance Dates
9. References
10. About the Journal [[procedure](#)]

See: <https://columbiabasin.libanswers.com/faq/340477>

Article: <https://link.springer.com/article/10.1007/s12528-022-09319-0>



## Post-secondary online learning in the U.S.: an integrative review of the literature on undergraduate student characteristics

Alyse C. Hachey<sup>1</sup> · Katherine M. Conway<sup>2</sup> · Claire Wladis<sup>2</sup> · Shirsti Karim<sup>2</sup>

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### Abstract

Even prior to the COVID-19 pandemic, online learning had become a fundamental part of post-secondary education. At the same time, empirical evidence from the last decade documents higher dropout online in comparison to face-to-face courses for some students. Thus, while online learning may provide students access to post-secondary education, concerns about academic momentum and degree attainment dominate the higher education online learning landscape. Because course completion is often used as a measure of effectiveness, there is a strong need for institutions to be able to predict the potential persistence of online students to direct efforts towards ameliorating dropout. Yet currently, a widely tested and validated archetypical predictive model of retention and success does not exist for undergraduate online learning. This integrative review of the literature examines evidence gathered over the last decade, organizing and summarizing major findings, to help identify potential undergraduate student characteristics for inclusion in such a model. The body of literature collected in this review suggests ten factors for consideration.

**Keywords** Online learning · Online enrollment · Online retention · Online attrition

### Introduction


Even before the global pandemic necessitated a radical shift in course delivery in the spring of 2020, online learning had become fundamental to postsecondary education. In the U.S., online learning has increased at a substantial rate over the


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TEACHING IN HIGHER EDUCATION  
2021, VOL. 26, NO. 6, 839–854  
<https://doi.org/10.1080/13562517.2019.1686701>

 **Routledge**  
Taylor & Francis Group

 Check for updates

### What drives student success? Assessing the combined effect of transfer students and online courses

Rebecca A. Glazier <sup>a</sup>, Kerstin Hamann<sup>b</sup>, Philip H. Pollock<sup>b</sup> and Bruce M. Wilson<sup>b</sup>

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[ABSTRACT](#) [ARTICLE HISTORY](#)

**CITE**

**LINK**

DOWNLOAD, SAVE, CITE, LINK

**QUESTION: IS EVERYTHING IN ONESEARCH A  
VERIFIED SOURCE THAT I CAN TRUST?**

ANSWER: IT DEPENDS

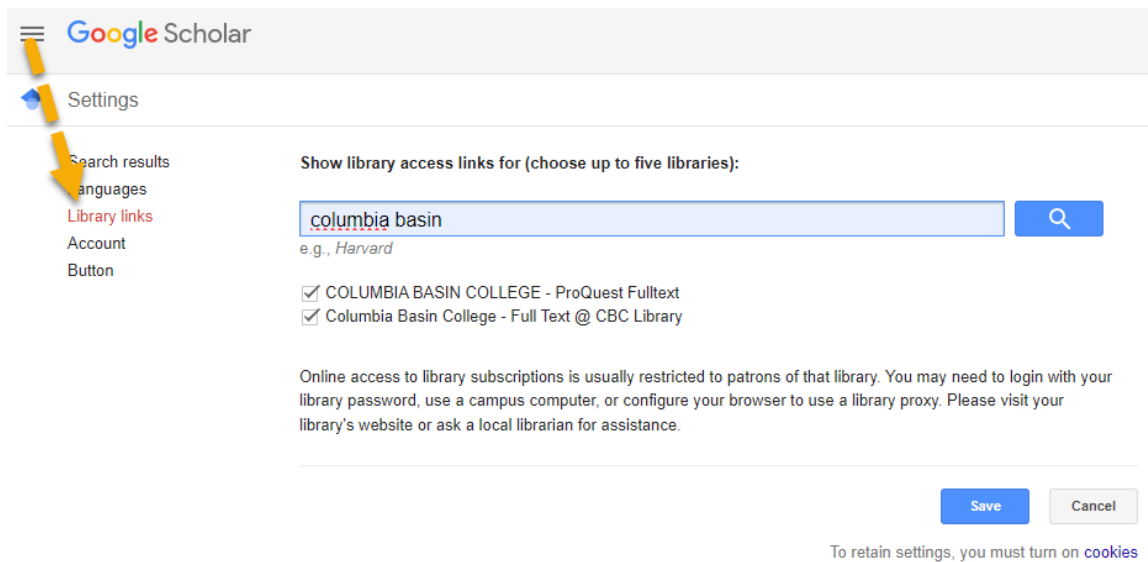


# DIFFERENT NEEDS, DIFFERENT SOURCES, DIFFERENT STANDARDS

- I need a peer-reviewed article that reports original research: Limit to peer-reviewed
  - BUT not all articles in the list have been peer-reviewed, and not all peer-reviewed articles represent original research
- I want to include information on the history/origins of my topic: Try ebooks
  - BUT avoid 'Juvenile' non-fiction; you are writing for an academic/college-level audience
- My topic is cutting edge, I need the very latest information: Limit by date, or sort by newest
  - BUT note that some of the best research is very expensive and takes a long time; you aren't going to find a 25-year longitudinal study on the impact of x on a large population published every year
- I want to quote the opinion/s of someone who agrees/disagrees with my position: Try a document type limiter in EBSCOhost or ProQuest (editorial or commentary or opinion)
  - BUT note that editorials may not have an individual author, instead representing the opinion of the editorial board

# SHOWING FULL TEXT IN SCHOLAR.GOOGLE.COM

## ≡ > SETTINGS > LIBRARY LINKS > SEARCH & SAVE



Google Scholar

Settings

Search results  
Languages  
**Library links**  
Account  
Button

Show library access links for (choose up to five libraries):

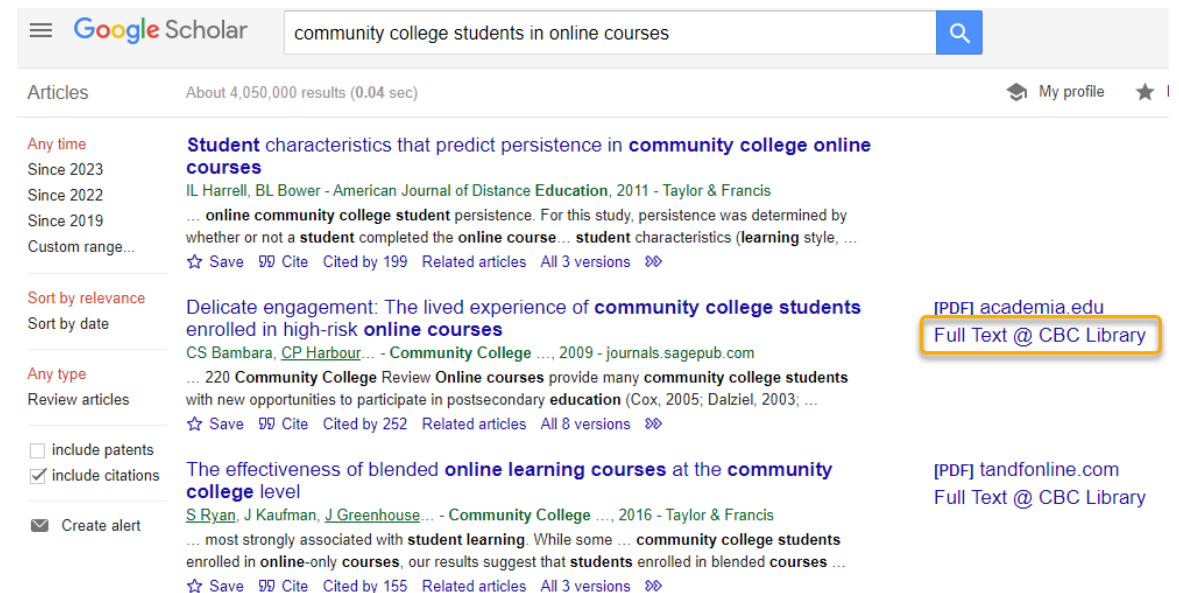
e.g., Harvard

☒ COLUMBIA BASIN COLLEGE - ProQuest Fulltext  
☒ Columbia Basin College - Full Text @ CBC Library

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

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To retain settings, you must turn on [cookies](#)



Google Scholar

community college students in online courses

Articles About 4,050,000 results (0.04 sec)

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Since 2023  
Since 2022  
Since 2019  
Custom range...

**Sort by relevance**  
Sort by date

**Any type**  
Review articles

☐ Include patents  
☒ Include citations  
☒ Create alert

**Student characteristics that predict persistence in community college online courses**  
IL Harrell, BL Bower - American Journal of Distance Education, 2011 - Taylor & Francis  
... online community college student persistence. For this study, persistence was determined by whether or not a student completed the online course... student characteristics (learning style, ...  
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**Delicate engagement: The lived experience of community college students enrolled in high-risk online courses**  
CS Bambara, CP Harbour... - Community College ..., 2009 - journals.sagepub.com  
... 220 Community College Review Online courses provide many community college students with new opportunities to participate in postsecondary education (Cox, 2005; Dalziel, 2003; ...  
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**The effectiveness of blended online learning courses at the community college level**  
S.Ryan, J Kaufman, J Greenhouse... - Community College ..., 2016 - Taylor & Francis  
... most strongly associated with student learning. While some ... community college students enrolled in online-only courses, our results suggest that students enrolled in blended courses ...  
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# columbiabasin.edu/library

1. OneSearch (most dbs)
2. Search One database
3. Chat with a Librarian
4. Request, if you can't find
5. More help options

The screenshot shows the library website interface with the following elements:

- Callout 1:** Points to the OneSearch search bar, which includes tabs for OneSearch, Articles, Books, and Publications. Below the tabs is a search input field with a "Keyword" dropdown and a "Search" button. There are also checkboxes for "Full Text", "Available in Library Collection", and "Peer Reviewed".
- Callout 2:** Points to the "Databases" button in the top navigation bar.
- Callout 3:** Points to the "Chat with a Librarian" chat window. It includes a text input field for the name (defaulting to "blank=anonymous") and a "Login" button. A message states: "In order to submit this request for assistance, please first login by clicking the button below."
- Callout 4:** Points to the "Request an Item" section, which features a photo of a smiling librarian holding a book. The text below the photo says: "Need something? You can request items such as books, laptops, hotspots and interlibrary loans. When you ask for an item, we'll check to see if it is available and contact you as soon as possible."
- Callout 5:** Points to the "Get Help" button in the top navigation bar.

Additional text on the page includes "Need help? Contact a librarian or visit our [Canvas course](#) for tutorials and research guides."