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“I feel like I’m part of the conversation”: online annotation tools in the information literacy classroom

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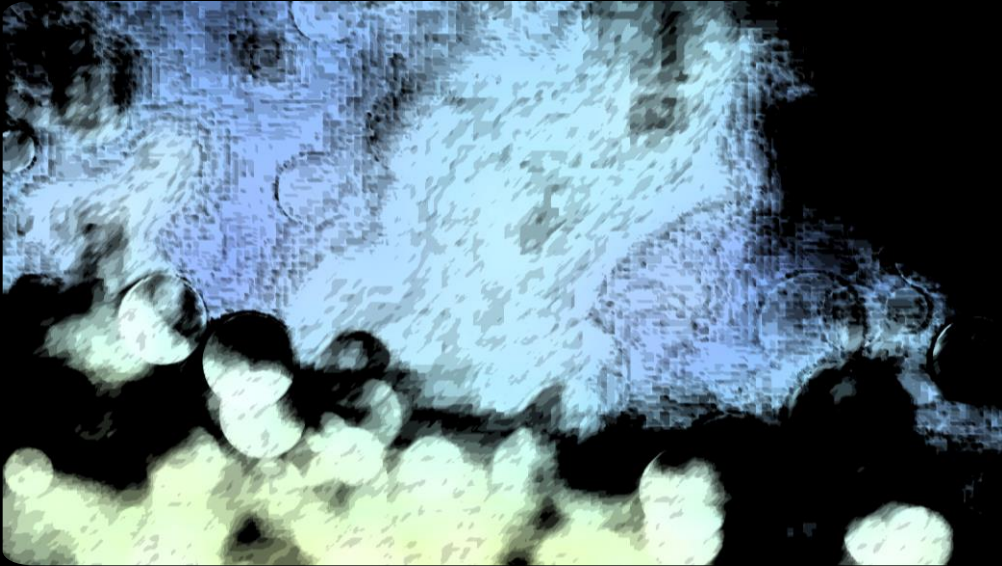
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Cumbo, Piper L., "“I feel like I’m part of the conversation”: online annotation tools in the information literacy classroom" (2022). *Georgia International Conference on Information Literacy*. 2.
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By the end of the session...



Know

- Know social annotation software

Explore

- Explore benefits and drawbacks of social annotation software in info lit classroom

Incorporate

- Incorporate social annotation tools in your information literacy classroom

slido



Have you used annotation software?

ⓘ Start presenting to display the poll results on this slide.

How I got here

Course Description

This course will provide an introduction to scholarly research, research methods, and disciplinary research practices. The skills and concepts that you learn in this course will help you to understand the scholarly work of your professors, as well as serve as a foundation for your own research endeavors.

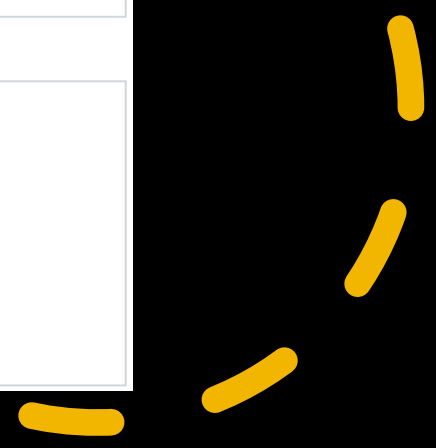
Course Learning Outcomes

After completing this course, you'll be able to

- identify key elements of scholarly research.
- describe ethical issues related to scholarly research.
- explain ways in which research universities support scholarly research.
- compare and contrast types of research methods used in scholarly research.
- correlate types of research methods to common research practices in specific disciplines.
- learn strategies that scholars use to select appropriate granting agencies and assemble compelling grant proposals

Course Objectives

- In order to meet the course outcomes, you'll
 - learn about the purpose and process of scholarly research.
 - explore the research support infrastructure at Auburn.
 - gain a broad understanding of common research methods.
 - consider reasons why research methods vary among disciplines.
 - write a research grant proposal.



THERE HE IS AGAIN...

...WRITING HIS "JOURNAL REFLECTION"

megenerator.net

How I got here

Assignments

Participation Quizzes **Reflective Writings** Grant Project

More on this later.

Grading & Evaluation

Break down of assignments

Assignment Type	Points Possible	# of Occurrences	Total Points Possible	% of Final Grade
Participation	3	x 10	30	15%
Quizzes	3	x 10	30	15%
Reflective Writings	3	x 14	42	15%



What is social annotation?

How to use

Perusall

The screenshot shows the Perusall LMS interface for a course titled 'ENGL-1102-D...'. The left sidebar contains navigation options: My Courses, Course home, Settings, Gradebook, Student view, Notifications, Notes, and Add to my calendar. The main content area lists assignments with due dates and times, including 'Medieval Mythbusters', '1/19 In-Class Activity', 'Religious Writing Pack', 'OE Poetry Pack', 'Beowulf Pt 1', 'Beowulf Pt 2', and 'Beowulf Pt 3'. A right-hand panel for 'Medieval Mythbusters' shows options to Open, Edit, Duplicate, Extend deadline, Copy full title for LMS, and Delete. Below this is an 'Overall assignment progress' section with a pie chart and a legend: Completed with maximum score (0.0%), Completed but not maximum score (8.7%), Some work submitted (82.6%), and No work submitted (8.7%).

The logo for hypothes.is, featuring a red speech bubble with a white 'h.' inside, followed by the text 'hypothes.is' in a black sans-serif font.

The screenshot shows a web browser displaying a Hypothesis annotation on a BioRxiv article titled 'Understanding the Regulation of Metabolic Enzyme Acetylation in E. Coli'. The article text is visible, including an abstract. A red box highlights the 'Public' scope selector in the top right corner of the browser window. A red arrow points from this box to the 'Public' group name in the Hypothesis sidebar on the right. Another red arrow points from the same box to the 'Astronomy Spring 18' group name in the sidebar. A text box with the instruction 'click on scope selector and then group name.' is positioned between the two arrows.

Social annotations in the online classroom advantages and disadvantages

continue to the next part.

you highlighted critical passages, noted plot devices, and commented on structure and dialogue. You might have shown these annotations to your teacher—"you see, I did the reading!"—or used them as references when writing a paper. Or like Pierre de Fermat, whose famous last theorem was written as marginalia in 1637, maybe you jotted down formulas and proofs in the margins of your mathematics textbook.¹⁷ Despite insistence that some students not deface their texts, US philosopher and educator Mortimer Adler wrote to students in 1940 and declared, "Marking up a book is not an act of mutilation but of love."¹⁸

What is *everyday* about annotation in school? Annotation may have been an expected or required academic practice. Maybe annotation in school helped you to develop an idiosyncratic notation system that you still use today. Or maybe it was mandatory that you annotate using a more

Current conversation

✓ Upvoted by instructor +1

I relate to this as my favorite book of all time is an old 1960 copy of Mere Christianity with annotations made by my grandmother when she first read the book.

Aug 20 12:30 pm

✓ Upvoted by instructor +1

I relate to this too because my parents used to encourage me to annotate in my Bible. It made me realize that annotations can allow us to understand and connect to the work we are reading.

Aug 20 12:42 pm

✓ Upvoted by instructor +1

Annotations not only help the reader who writes those annotations, but also all the readers afterwards as well. It brings a new level of thought and understanding to the text.

Aug 20 9:13 pm

h. user: pipercumbo Search...

Groups Groups

HONR 2097

Usability Study

Create new group

Annotations: 27

Joined: July 30, 2021

Edit profile

Top tags 0

27 Matching Annotations

Last 7 days

www.tandfonline.com	Why is the proposal alone not sufficient for grant success? Building research fundability through collaborative research networking	1
Feb 2022		
aquila.usm.edu	Everyone's Invited: A Website Usability Study Involving Multiple Library Stakeholders	1
insights.uksg.org	Community feedback on scholarly content: why it is important and why it should be preserved	2

Perusall

Get started Library Assignments Students

Due Wed Aug 18, 2021 9:00 am CDT

Craft of Research

Due Fri Aug 20, 2021 11:59 pm CDT

Annotation Pages 8-13

Annotation pp.83-104 reading Pages 6-10

Due Fri Aug 27, 2021 11:59 pm CDT

Weekly Annotations Reflective Writing

Due Fri Sep 3, 2021 11:59 pm CDT

Scientific Method

Due Wed Sep 8, 2021 11:59 pm CDT

Find the studies discussed in this podcast

Due Wed Sep 15, 2021 11:59 pm CDT

Death of expertise

Analytics

Confusion report

All comments

Overall assignment progress

53.3% 40% 6.7% 40.0%

Completed with maximum score (0.0%)

Completed but not maximum score (6.7%)

Some work submitted (53.3%)

No work submitted (40.0%)

28 comments 0 questions 0 unanswered questions

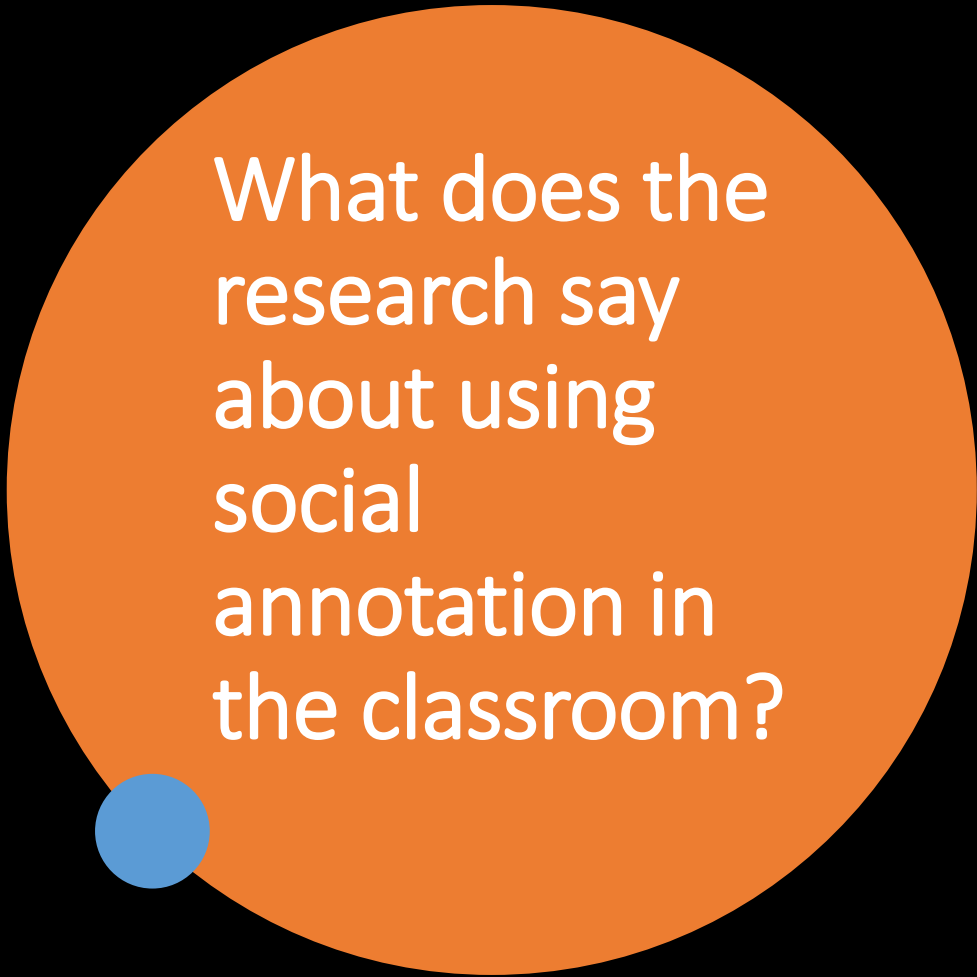
59 minutes average reading time

Most upvoted annotations


Research is the only way we can confidently know things.

Putting pen to paper not only allows you to be able to accurately remember your thoughts in the long run, but also gets you going in a snowball effect

I am going to annotate this just to do little research on if it actually helps me to remember this bullet point for why we write.



What does the research say about using social annotation in the classroom?

- 
- Marissa, K. L. (2021)
 - Adams, B., & Wilson, N. S. (2021)
 - Johnson, T. E., Archibald, T. N., & Tenenbaum, G. (2010)
 - Huang, Y. T., Shih, S. M., & Tseng, S. S. (2019)

Incorporating the Framework



✓ Upvoted by instructor +1 ✓

I think this is a pitfall of research. Not everyone has to produce breakthroughs with research. As a researcher, you could be someone who is an editor or peer reviewer and still be able to help to contribute to the scientific community. One of the advisors for a club I am involved with on campus has published his own original research, but he has also peer reviewed many other's projects as well. Both sides contribute to the scientific community. This helps prevent the failure of replication discussed earlier in the article.

+1 ✓

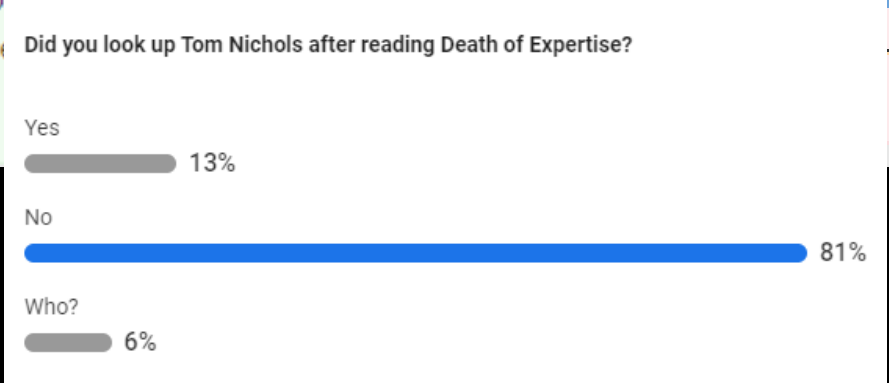
I find it interesting that one of the lines mentions "Because experts tell us so." So many people tend to say something similar to this line when trying to justify something they believe to be true. But how do we know the people or sources we get information from are actually experts?

✓ Upvoted by instructor +1 ✓

This is how I have always thought of an expert. For example, my dad can do carpentry work, which is better than what I can do, but I am not a carpenter, we both know little, so the expert.

✓ Upvoted by instructor +1 ✓

I agree with this part because there is so much information out there, there is no way one can know anything about a particular subject.



First readings and the rubric

continue to the next part.

you highlighted critical passages, noted plot devices, and commented on structure and dialogue. You might have shown these annotations to your teacher—"you see, I did the reading!"—or used them as references when writing a paper. Or like Pierre de Fermat, whose famous last theorem was written as marginalia in 1637, maybe you jotted down formulas and proofs in the margins of your mathematics textbook.¹⁷ Despite insistence that some students not deface their texts, US philosopher and educator Mortimer Adler wrote to students in 1940 and declared, "Marking up a book is not an act of mutilation but of love."¹⁸

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Current conversation

✓ Upvoted by instructor +1

I relate to this as my favorite book of all time is an old 1960 copy of Mere Christianity with annotations made by my grandmother when she first read the book.

Aug 20 12:3

✓ Upvoted by instructor +1

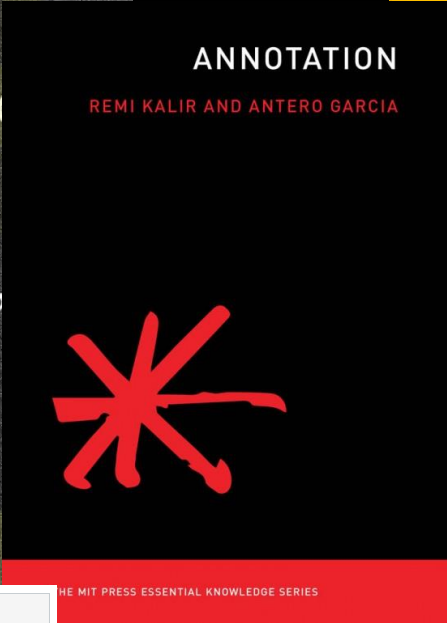
I relate to this too because my parents used to encourage me to annotate in my Bible. It made me realize that annotations can allow us to understand and connect to the work we are reading.

Aug 20 12:4

✓ Upvoted by instructor +1

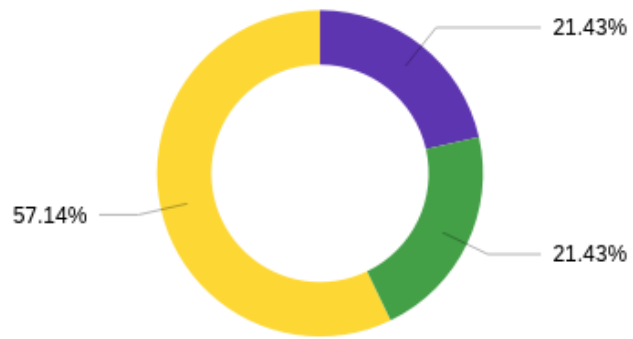
Annotations not only help the reader who writes those annotations, but also all the readers afterwards as well. It brings a new level of thought and understanding to the text.

Annotation is an everyday activity because different types of notes are added by many different types of people to a variety of texts, like transcripts, code, and the built environment (yes, graffiti is annotation)



Annotations Writing Rubric		Ratings				Pts
Criteria	3 pts Advanced	2 pts Competent	1 pts Minimal	0 pts Zero	3 pts	
Annotations	Thoroughly reflected on the prompt, and used evidence from the weekly readings and discussions to support arguments and make connections. Provided at least three (3) annotations per article/chapter.	Reflected on the prompt. Demonstrated familiarity with the readings and/or what was discussed this week. Provided at least two (2) annotations.	Attempted to reflect on the prompt, but demonstrated little to no familiarity with the assigned readings or this week's discussion; OR made several spelling and grammar mistakes; OR made 1 annotation.	No submission or did not reflect on prompt.		
					Total Points: 3	

Midterm check-in



Dislike a great deal Dislike somewhat Neither like nor dislike Like somewhat
Like a great deal

Do you feel more confident in identifying key elements of scholarly research? 0 1 2

Yes



No



Where do
we go from
here



hypothes.is

Perusall



CANVAS

International Jo
Vol. 3 (2) 5-22

Article

Using an Online Social Annotation Tool

Applying social annotations to one-shots

- Have conversations with faculty about LMS integration
- Develop group in Hypothesis for those classes
- Develop template and prompts for faculty to use



References

- Adams, B., & Wilson, N. S. (2021). Investigating Student's During-Reading Practices Through Social Annotation. *Literacy Research and Instruction*, 1-22.
- Brown, M., & Croft, B. (2020). Social Annotation and an Inclusive Praxis for Open Pedagogy in the College Classroom. *Journal of Interactive Media in Education*, 2020(1).
- Huang, Y. T., Shih, S. M., & Tseng, S. S. (2019). Enhancing Student Critical Literacy Through Social Annotations. In *Educational Media and Technology Yearbook* (pp. 19-27). Springer, Cham.
- Johnson, T. E., Archibald, T. N., & Tenenbaum, G. (2010). Individual and team annotation effects on students' reading comprehension, critical thinking, and meta-cognitive skills. *Computers in human behavior*, 26(6), 1496-1507.
- Marissa, K. L. (2021). Using an Online Social Annotation Tool in a Content-Based Instruction (CBI) Classroom. *International Journal of TESOL Studies*, 3(2), 5-23.

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Are you considering using social annotation in your information literacy classrooms?

ⓘ Start presenting to display the poll results on this slide.

Thank you



Piper Cumbo



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✓ Upvoted by instructor

This is true, because if someone manipulates their data, misrepresents their results, etc. in order to make the conclusion of their research sound as groundbreaking as possible, they are more likely to make headlines and secure future funding than if they had represented their results impartially. Because scientific research is often so hard to reproduce, it can discourage some from trying reproduce the original research. If someone does reproduce the study it may take years, and the follow-up fact check probably will not garner the same notoriety as the original sensationalized study.

Sep 3 9:29 am

✓ Upvoted by instructor

This reminds me heavily of the original "vaccines cause autism" paper. (Side note, I have actually read that paper and it's hilarious fantasy in ways you wouldn't even expect.) The author of said paper misinterpreted his results, undermined the lack of evidence presented in the paper, and even invented a "new" disease. And immediately after publication, he did a press tour for the paper, and it sure did get him notoriety and money, as well as book publishing deals. As we all know, follow up papers heavily debunked this hypothesis, but they were simply not able to overcome the vast notoriety that the original author's paper acquired.

Sep 3 11:05 am

✓ Upvoted by instructor

The "vaccines cause autism" paper is genuinely so poorly written and researched that the paper somehow manages to discredit itself. I feel like this connects to the "ways of knowing" we talked about, especially the appeal to authority. Many anti-vaxxers haven't even read or engaged with the