Most important thing students say they learned

- “What information should and should not be included in an abstract.”
- “The difference between summary and synthesis. Confused them a lot.” (analyze literature workshop)
- “The difference between plagiarism and copyright.”

Limitations

- Low sample size. Online workshops were too low to include
- One guest professor didn’t want a pre- and post-quiz assessment

Lessons learned

- The online modules are done with minimal effort
- Students that attend are enthusiastic about what they get out of the sessions
- Even the most enthusiastic students must make a credit bearing class a priority over a non-credit workshop

They know something is wrong in the abstract, but don’t have the right reason (29 post-quiz results)

- A. Method too detailed
- B. Background too detailed
- C. Motivation too long
- D. Results vague
- E. Method vague
- F. Why novel?
- G. Shouldn’t have an aim

Some of the answers are right but some students didn’t focus on the main points of our analyze literature workshop (27 post-quiz results)

- A. No talk about own work
- B. No compare/contrast
- C. Incorrect citations
- D. Not enough explaining
- E. Grammar errors
- F. Confusing
- G. No problem definition
- H. No gap in research
- I. Not demonstrating value

What is the Difference Between Plagiarism and Copyright?

- Copyright is copying and permission
- Copyright is commercial use
- Copyright is author’s rights and ownership
- Copyright is protected by the law
- Copyright is compensating author for copying
- Does not know what copyright is
- Plagiarism is needing permission
- Plagiarism is not giving other’s credit (cite)
- Other

Re-configured in-person workshop, the sample contains more than graduate engineering students (19 participants)