



**Developing Graduate
Education Students'
Metacognition
Regarding Citing and
Their Use
of Citations: The
Value of Podcasts**

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An issue for teachers and librarians in universities is how to assist students develop an understanding of the nature of citations and how they should be used in academic writing.



Project Background & Research Question





Metacognition refers to an individual's knowledge, control, and awareness of their thinking and learning processes and of the thinking and learning processes of others.



Our Study...



- Research Team:
- 2 UAlberta Librarians
 - 1 Professor of Education
 - 1 introductory graduate course in research methods
 - conceptualize students' understanding and use of citations as *cognitive* matters





TLEF Seed Grant 2019

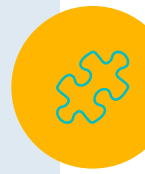
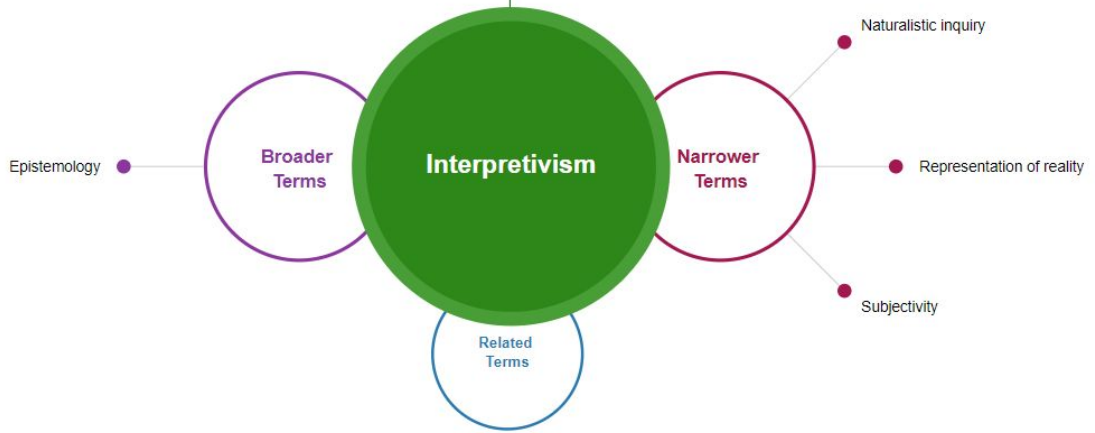
- **Successful seed grant**
 - **\$8600**
 - **Hired GRA**
 - literature search
 - interview transcriptions
 - preliminary data analysis
 - **Podcasting resources**
- 
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Methodology



Interpretivism
Those intellectual approaches, usually associated with the qualitative research tradition, that assume the meaning of human action inheres in that action, and that the researcher's task is to explicate that meaning.

[Search all content on Interpretivism](#)



Tools and Methods




Metacognition
101 & “why
cite?” lectures

Podcasts

Questionnaire
&
Interviews





Metacognition
101 & “why
cite?” lecture

EDSE 510 Fall 2019:
Research Methods in
Secondary Education

Research Ethics



Thinking about
citations:
Metacognitive
foundations





Podcasts

UNIVERSITY OF ALBERTA
LIBRARY

ERA Home

ERA
audio + video

dafyfe@ualberta.ca ▾

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Sections

1. Thinking About Citations: A Conversation with Professor Bonnie Watt (15:27)
2. Thinking About Citations: A Conversation with Professor Kent den Heyer (33:45)

Developing Graduate Students' Metacognition Regarding the Use of Citations: Scholarly Podcast

Date

2019-09-27

Main contributors

Watt, Bonnie; Thomas, Greg; den Heyer, Kent

Subjects

Citing; Citation Use; Metacognition; Cognition; Scholarly Practices

Genre

Educational

Language

English

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Reflection



Thinking about citations: Student reflection guide





Data Collection: Questionnaires & Interviews



1. Initial visit to classroom
2. Questionnaire 1
3. Interviews 1
4. Metacognition lecture
5. Questionnaire 2
6. Interviews 2
7. Transcription, analysis



Findings

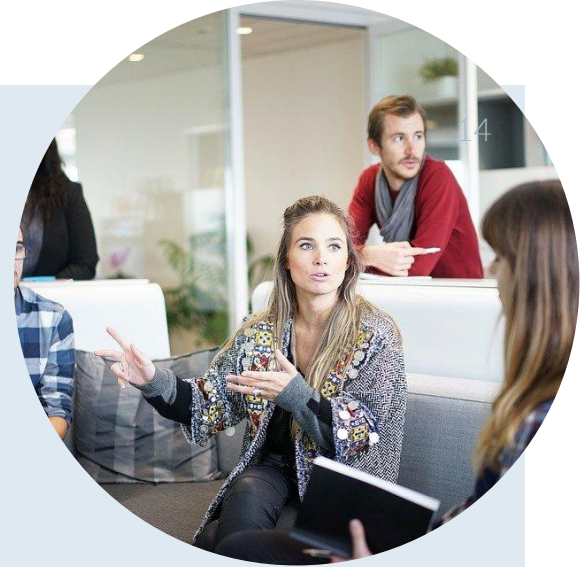
As a consequence of listening to the podcasts, students compared their past metacognitive knowledge of and experiences with citations and how to use them.

1. The podcasts stimulated metacognitive experiences in graduate education students regarding citations and citation use.
2. The factors of accessibility and time influenced the students' opportunities for engagement with the podcasts.

How will this
change our
Library
work?



- Think alouds
- Podcasts as a teaching tool
- ... ?!






Thanks!

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A podcast about this
research project can
be found [here](#).



Credits / Additional Info

- Presentation template by [SlidesCarnival](#)
- Images by Unsplash
- A podcast about this research project can be found [here](#).