

The Choreography of Collaborative Coding


Project Sponsored by 2015-16 CCCC Research Initiative Grant
Cara Kozma, Holly Middleton, Donna Scheidt
CCCC, March 13, 2019, Pittsburgh, PA

Land Acknowledgment

We would like to recognize and acknowledge the indigenous people of this land: the Lenni Lenape, Shawnee, and Hodinöhšönih — the six Nations, that is, the Mohawk, Oneida, Onondaga, Seneca, Cayuga and Tuscarora. We also acknowledge the native communities that continue to thrive in the city of Pittsburgh.



Schedule

- 1:30-1:45:** Introductions
- 1:45-2:00:** Intro to Google Drive materials, Upward Project, and collaborative coding;
Intro to Study 1
Activity: What do you notice about the at-a-glance?
- 2:00-2:30:** Study 1: Materials and Process
- 2:30-3:00:** Activity: practice coding in Google Sheets--free
- 3:00-3:15:** *Coffee break outside rooms #318 and #412*
- 3:15-3:45:** Intro to Study 2: Materials and Process
- 3:45-4:30:** Activity: Coding in MAXQDA--\$2500 for six licenses |
- 4:30-5:00:** Q&A/discussion
- 

Join Us in Google Drive!

“4C19 Choreography of Collaborative Coding Workshop”
[folder](#)



Upward Project website



HOME

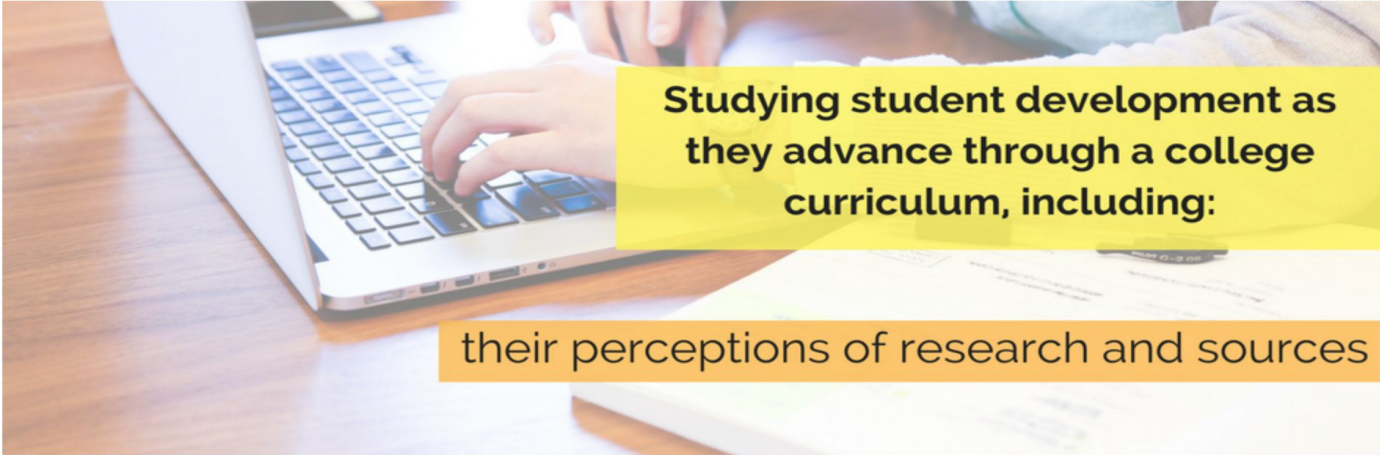
ABOUT US

STUDY DESIGN

FINDINGS

PUBLICATIONS, PRESENTATIONS, AND OTHER RESOURCES

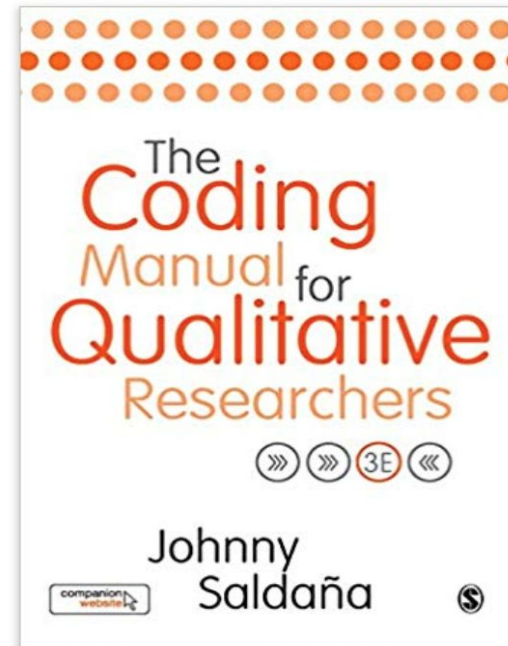
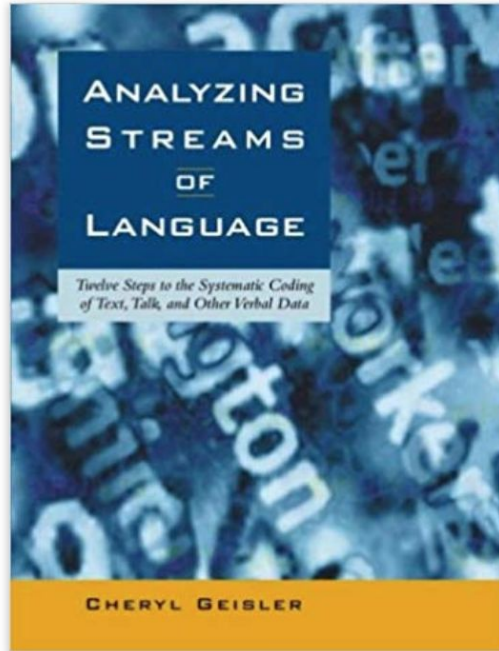
CONTACT US



Studying student development as they advance through a college curriculum, including:

their perceptions of research and sources

Methods: Cheryl Geisler and Johnny Saldaña



What is a Code?

“A code is most often a word or short phrase that symbolically assigns a summative, salient, essence-capturing, and/or evocative attribute for a portion of language-based or visual data.” (Saldaña 3)



Why Collaboratively Code?

- Recommended for joint research projects
- Share workload on big projects
- "[A] research team builds codes and coding builds a team through the creation of shared interpretation and understanding of the phenomenon being studied."
(Saldaña 27).



Upward Project At-a-Glance

For discussion: In pairs, review the document and compare the studies.

What Do You Notice?



Study One Overview

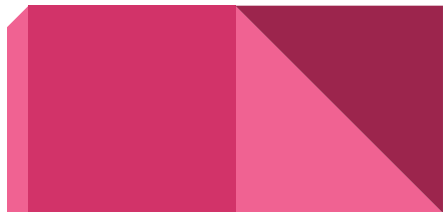
Study One

CHAPTER 10

WRITING INFORMATION LITERACY IN FIRST- YEAR COMPOSITION: A COLLABORATION AMONG FACULTY AND LIBRARIANS

**Donna Scheidt, William Carpenter, Robert Fitzgerald,
Cara Kozma, Holly Middleton, and Kathy Shields**
High Point University

As other authors in this collection observe, when librarians and writing faculty teach students how to plan, conduct, and incorporate research as they write, they often do so with different working definitions of research and information literacy (IL) (e.g., Kissel et al., Chapter 20, this collection, and Norgaard & Sinkinson, Chapter 1, this collection). When Rolf Norgaard (2003) coined “writing information literacy,” he argued for how our fields might contribute to one another intellectually and conceptually. Norgaard encourages Writing Studies faculty and librarians to reconsider certain conceptions of students’ research, specifically as it interfaces with students’ writing practices. We call this interface between writing and research “writing-research,” to distinguish students’ everyday practices as writing-researchers from the theoretical ideal of writing information literacy (WIL) that Norgaard articulates.¹



Overview of Study One

- Research Questions
- Collaborative Coding Processes
- Choice of Google Spreadsheets
- Copy of Code Log

See "[Outline of Coordinating Roles: Study One--Process Narratives, Google Spreadsheet](#)"



Google Spreadsheet Activity



Worksheet for Process Narrative Coding (Google Spreadsheet)



File Edit View Insert Format Data Tools Add-ons Help All changes saved in Drive



fx | Level 1 Code

	A	B	C	D	E
1	Level 1 Code	Idea Source #	Pre or Post	Raw text data that inspired the Level 1 Code	Level 2 Code
2		60565	pre	Once the due date became more relevant I would start by writing down everything I know about my topic and would start my research there.	
3		60565	pre	I usually go to Wikipedia to get a rough idea of what I will need to look for in my research.	
4		60565	pre	I like to create a planner and sort my research by putting the sticky notes under the proper heading.	
5		60565	post	Before I begin my research or writing, I like to write down all I know about the topic to better my initial research. By doing this I can more acutely target the more interesting and valuable points of the issue at hand.	
6		60565	post	After solidifying my rough idea of an out line for the paper and its contents, I usually begin my research with a scholarly journal found in the libraries web page.	
7		60565	post	Granted, the topic is recent meaning it would be unlikely to find much relative information from scholarly journals.	
8		60565	post	From here I begin to find more specific information on my topic that could not be found in the scholarly journals.	
9		60565	post	I like to get both supporting and opposing views to both better my argument and protect it from ridicule. I find this method to be worthwhile because it allows me to change my tone thus appealing to a wider spectrum of audiences.	

The top right corner of the slide features a decorative arrangement of overlapping geometric shapes. These include a light pink triangle pointing down and to the right, a dark pink square, and a medium pink triangle pointing up and to the right, all partially overlapping each other.

Sharing Your Work in Google Spreadsheets

Let's Compare

- Work with a partner to compare your codes on the coding template
- Work to come to an agreement within the pair about any segments which were assigned conflicting codes
- Discuss process as a large group





Data Analysis in Google Spreadsheets

Level 1 Code						
A	B	C	D	E	F	G
Level 1 Code		Idea Source #	Pre or Post	Raw text data that inspired the Level 1 Code	Level 2 Code	Control or Experiment
assignment		24588	Post	For the start of this paper I would make sure I read the guidelines not once, not twice, but at least three times to make sure I completely understood the directions. If I had any trouble with the directions I would either go to a friend or seek help from the instructor before writing. Anytime I came to a halt in my writing I would go back, read the directions, and attempt to write again		experiment
assignment		37173	pre	The first I do when receiving a topic is to familiarize myself with the topic.		control
assignment		37173	post	Now that I have my assignment for my English class the most important step is to fully understand what the assignment is about. This is so important because if I do not understand what is required for you to do on this paper then all the other steps are not as important.		control
assignment		57041	pre	Once I found an issue that I knew I could get information on from multiple outside sources, I would think about what three outside sources that I wanted to use for the assignment.		experiment
assignment	*	60946	Pre	To begin this assignment, I would read through the instructions to find out what I have to do and what viewpoint I wish to stand for.		control
assignment		70006	pre	Each essay in this course has a specific way of writing or a job it has to do whether it is to persuade or inform. I would take notes in class and look at the example essays to get an idea on how the essay would be written.		experiment
assignment		76390	pre	I would reread the assignment to make sure I understood it and if I didn't understand something I would ask a question		control
assignment		85956	Post	When we think about writing an essay, there are certain things we all wish to accomplish. First of all, we want to have a clear argument, so the reader know where we are coming from, what we believe in, and in some cases, which side we are arguing.		control
assignment		93200	pre	The first thing that I would do is make sure to fully dissect and understand the essential question being asked, and to increase my curiosity.	invent	control
available	*	19239	Pre	Then I would go to the library and find information on my current issue from sources that are appropriate to credit. For example deep internet databases or books the library has, and I would use these sources to find information for my essay.		experiment
available		19239	Post	I would do some research online and poke around the web and deep internet databases typing in key words that may give me ideas of what to write about. I would continue to do this until I found a topic that was interesting to me and would also be interesting to my readers.		experiment
available		21481	Post	When I finally choose my topic, I would begin to go on the HPU Library Search Engine and enter keywords using the Academic Search Complete browser.		experiment
				If I feel like I need to add at least one or two more sources and my original sources don't seem like enough additions to the paper, then I will go back to the Academic Search		

L1 Pre N

A	B	C	D	E	F	G	H	I	J	K	L
L1 Pre N	Pre %	Code	Post %	L1 Post N		L2 Pre N	Pre %	Code	Post %	L2 Post N	
0	0%	assignment	0%	0		6	3.03%	assignment	1.28%	3	
2	3.33%	relevance	1.64%	1		4	2.02%	relevance	3.85%	9	
3	5%	brainstorm	1.64%	1		19	9.6%	brainstorm	8.97%	21	
1	1.67%	position	1.64%	1		6	3.03%	position	3.85%	9	
2	3.33%	learn	14.75%	3		15	7.58%	learn	5.13%	12	
2	3.33%	use	4.92%	3		16	8.08%	use	8.12%	19	
5	8.33%	organize	4.92%	3		16	8.08%	organize	5.56%	13	
5	8.33%	support	6.56%	4		9	4.55%	support	5.13%	12	
3	5%	available	8.2%	5		20	10.1%	available	6.84%	16	
1	1.67%	different	9.84%	6		16	8.08%	different	4.7%	11	
3	5%	quality	8.2%	5		19	9.6%	quality	7.26%	17	
6	10%	integrate	9.84%	6		18	9.09%	integrate	11.54%	27	
10	16.67%	topic	11.48%	7		16	8.08%	topic	10.26%	24	
12	20%	gather	11.48%	7		10	5.05%	gather	5.56%	13	
5	8.33%	process	14.75%	9		8	4.04%	process	11.97%	28	
60				61		198				234	
A-E rep. students who only received level 1 codes.	total codes: 121					G-K rep. students who received at least 1 level 2 code.	total codes: 432				
	pre-test codes per student: 4						pre-test codes per student: 5.21				
	post-test codes per student: 4.06						post-test codes per student: 6.15				



Coffee Break



Study Two

(Interview Transcripts, MAXQDA)

Study Two Overview

52 *freshmen* from earlier study >>>

3 *seniors* for longitudinal study



Alyssa



Emma



John

Clarify Research Questions; Decide on Coding

Research Questions

- How do students understand research and writing? As connected?
- How have their understandings changed?
- To what do they attribute influence?

Structural Codes

→ understand research
understand writing

→ change

→ influence

Organize Research Team; Reliability

share workload; "investigator triangulation"



writing faculty

librarian



problems with consensus

Decide on Technology

- Are you able to pay? How and how much?
- What kinds and amount of data do you have?
- How do you want to handle it?
- Across which “platforms” do researchers regularly work (Mac? PC?)?
- How much time do you have to learn the software?
- Is there a package--and peer support--already available at your institution or place of work?

For further questions and considerations, see: *Computer Assisted Qualitative Data Analysis Software CAQDAS Networking Project*. University of Surrey,

<https://www.surrey.ac.uk/computer-assisted-qualitative-data-analysis/resources>

Decide on Segmenting Data; Code Guide



Copy of Code Log and Instructions: Structural Coding



Share



File Edit View Insert Format Tools Add-ons Zotero Help

Last edit was made on February 19 by Holly Middleton



Structural Coding: Instructions and Code Log

Research Questions and Structural Codes:

Our structural codes are translations of the research questions below:

Related to Writing-Research

- How do students perceive and articulate the definitions, roles, and processes of writing and research, respectively and/or in interaction with one another?
- Have students' understandings of writing and research changed since their first year?
How so?
- What factors correlate with students' understanding of writing and research (e.g., growth mindset, experiences, self-efficacy)?
- To what do they attribute their shaping influences?

MAXQDA Activity

User Name; New Project



MAXQDA 2018
Analytics Pro - Demo i

\$1,400 MAXQDA Research Grant
Apply by 3 June 2019

maxqda.com/grants >



User: ×

New Project Open Project Open Examples

Recently Opened Projects

MAXQDA - The Art of Data Analysis

Here are a few resources from the MAXQDA website that may help new users get started, or experienced users to discover new things about their software.

Links and Resources

- Getting Started
- Online Manual
- MAXQDA Blog
- Contact MAXQDA Team

New Video Tutorials

-  Lexical Search
05:08
-  Organizing the Code System
06:03
-  Mixed Methods: Document Variables
05:25
-  Playlist: English Video Tutorials
14 Videos

     Sign up for our newsletter  Send feedback to MAXQDA

Name Project

The screenshot displays the MAXQDA Analytics Pro 2018 (Release 18.2.0) interface. The top menu bar includes options like Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. A central toolbar contains icons for New Project, Open Project, Document System, Code System, Document Browser, Retrieved Segments, Logbook, and Teamwork. A 'New project' dialog box is open in the center, featuring a 'Save As:' field with the text 'New project', a 'Tags:' field, and a 'Where:' dropdown menu set to 'Documents'. The dialog has 'Cancel' and 'Save' buttons at the bottom. The background shows a workspace with panels for 'Document System', 'Code System', and 'Retrieved Segments'. The status bar at the bottom indicates 'Simple Codina Query (OR combination of codes)'.

Import Document

The screenshot displays the MAXQDA2018 software interface. The main window has a menu bar with 'Home', 'Import', 'Codes', 'Variables', 'Analysis', 'Mixed Methods', 'Visual Tools', 'Reports', 'Stats', and 'MAXDictio'. The 'Import' menu is open, showing options like 'Documents', 'Focus Group Transcripts', 'Transcripts with Timestamps', 'Survey Data', 'MAXApp Project', 'Twitter Data', 'YouTube Data', 'Web Collector Data', 'Structured Text', 'Documents from Excel Spreadsheet', 'Create Document', and 'Convert Text'. A dialog box titled 'Import document(s)' is open, showing the 'Desktop' location. The file list includes:

Name	Date
Screen Shot 2019-03-09 at 12.59.42 PM	Tod
CCCC2019	Tod
NilanStudentInterviewTranscript.doc	Tod
CCCC2019.mx18	Tod
CCCC2019.mx18-journal	Tod
Screen Shot 2019-03-09 at 12.54.56 PM	Tod
Screen Shot 2019-03-09 at 12.53.52 PM	Tod
Screen Shot 2019-03-09 at 12.53.37 PM	Tod
Screen Shot 2019-03-09 at 12.52.51 PM	Tod
MAXQDA2018.dmg	Tod
Getting-Started-Guide-MAXQDA2018-en.pdf	Tod
Grade Scale (ThisOneFinal)	Yes
A Guide to Coding Qualitative Data Salma Patel.pdf	Yes
Copy of Trifles Sources	Mar
MAXQDA	Mar
ResearchIdeas	Feb
Sources re Research & Sourced Writing]	Feb
Pictures	Jan
Documents (Old Computer)	Jan

The dialog box also shows a file type filter set to 'Importable Files (*.doc *.docx *.odt *.rtf *.rtfd *.ht...)' and buttons for 'New Folder', 'Cancel', and 'Open'.

Display Document; 4 Windows

The screenshot displays the MAXQDA 2018 software interface. The top menu bar includes: Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, MAXDictio, and a search icon. The status bar shows the file path: /Users/dscheidt/Desktop/CCCC2019.mx18 - MAXQDA Analytics Pro 2018 (Release 18.2.0) and the time: Sat 1:01 PM, Scheidt, Donna.

The interface is divided into four main windows:

- Document System:** Located in the top-left, it shows a tree view with 'Documents' and 'Sets'. A document named 'NilanStudentInterviewTranscript' is selected, indicated by a black arrow.
- Document Browser: NilanStudentInterviewTranscript:** Located in the top-right, it displays the content of the selected document. The text is numbered 1 through 5:
 - 1 [Side Conversation]
 - 2 Brett Deresienski: Okay. So, uh, what is your major?
 - 3 Interviewee: Um, I'm a double degree. Uh, Criminal Justice and Business Administration.
 - 4 Brett Deresienski: Okay. Uh, do you have a minor?
 - 5 Interviewee: I do not.
- Code System:** Located in the bottom-left, it shows a tree view with 'Code System' and 'Sets'. Both are currently empty.
- Retrieved Segments:** Located in the bottom-right, it is currently empty.

The bottom status bar shows several icons with a '0' next to them, and a text label: Simple Coding Query (OR combination of codes).

Add New Code (within Document Browser)

The screenshot displays the MAXQDA 2018 interface. At the top, the menu bar includes Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. The main toolbar contains icons for New Project, Open, Document, Code, Document Retrieved, Lockbook, Teamwork, Save Project As, Merge Projects, Save Anonymized Project As, Open Exchange File, Project from Activated Documents, Export Exchange File, and External Files.

A 'New Code' dialog box is open in the foreground. It features a text input field containing 'understand research'. Below the input field is a color selection area with a grid of colored squares and a 'Use as default color for new codes' checkbox. A 'Code memo' text area is located at the bottom of the dialog. The dialog has 'OK' and 'Cancel' buttons at the bottom.

In the background, the 'Document Browser' window is visible, showing a document titled 'NilanStudentInterviewTranscript'. A blue highlight covers a section of text in the document, and a black arrow points to the 'New Code' icon in the toolbar above the document. The highlighted text includes the following paragraphs:

14 *Brett Deresienski:* Okay. Uh, how do you understand research now as compared to how you understood it in your first year of college?

15 *Interviewee:* Um, I guess I'm just more informed with, like, all of the resources that are out there that you can use. Um, coming in, I was just kinda used to Googling something and using the information that popped up right away. But now I'm more familiar with using periodicals, journals, scholarly articles and such and really going more in depth and getting credible sources versus just the first thing you find.

The bottom status bar shows 'Simple Coding Query (OR combination of codes)'.

Add New Code (within Document Browser)(cont.)

The screenshot displays the MAXQDA 2018 software interface. The top menu bar includes: Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, MAXDictio, and system information (Sat 1:49 PM, Scheidt, Donna). The main toolbar contains icons for New Project, Open Project, Document System, Code System, Document Browser, Retrieved Segments, Logbook, Teamwork, and various file management options like Save Project As, Merge Projects, and Open Exchange File.

The interface is divided into several panes:

- Document System:** A tree view on the left showing a hierarchy: Documents (1) > NilanStudentInterviewTranscript (1) > Sets (0).
- Document Browser: NilanStudentInterviewTranscript:** The central pane showing a transcript with a search filter "understand research". Two text segments are highlighted in blue:
 - 14 *Brett Deresienski:* Okay. Uh, how do you understand research now as compared to how you understood it in your first year of college?
 - 15 *Interviewee:* Um, I guess I'm just more informed with, like, all of the resources that are out there that you can use. Um, coming in, I was just kinda used to Googling something and using the information that popped up right away. But now I'm more familiar with using periodicals, journals, scholarly articles and such and really going more in depth and getting credible sources versus just the first thing you find.
- Code System:** A tree view on the bottom left showing: Code System (1) > understand research (1) > Sets (0).
- Retrieved Segments:** An empty pane on the bottom right.

The bottom status bar shows a "Simple Coding Query (OR combination of codes)" and various counts (0).

Add New Code (within Code System)

The screenshot displays the MAXQDA 2018 software interface. The top menu bar includes options like Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. The main workspace is divided into several panels: Document System, Document Browser, Code System, and Retrieved Segments. A 'New code' dialog box is open in the foreground, allowing the user to add a new code within a code system. The dialog box contains the following fields and options:

- Code:** A text input field containing the text "change".
- Color:** A color selection palette with various color swatches. Below the palette are two checkboxes:
 - Use as default color for new codes
 - Use color of parent code
- Code memo:** A large text area for entering a memo for the new code.
- Buttons:** At the bottom of the dialog box, there are three buttons: "OK", "Additional code", and "Cancel".

An arrow points to the 'New code' button in the 'Code System' panel, which is the trigger for opening this dialog box.

Add New Code (within Code System) (cont.)

The screenshot displays the MAXQDA 2018 software interface. The top menu bar includes options like Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. The main toolbar contains icons for New Project, Open Project, Document System, Code System, Document Browser, Retrieved Segments, Logbook, and Teamwork. The 'Document System' pane on the left shows a tree view with 'Documents' (2 items), 'NilanStudentInterviewTranscript' (2 items), and 'Sets' (0 items). The 'Code System' pane at the bottom left shows a tree view with 'Code System' (2 items), 'change' (1 item), 'understand research' (1 item), and 'Sets' (0 items). The 'Document Browser: NilanStudentInterviewTranscript' pane is active, showing a text document with two paragraphs. The first paragraph is highlighted in blue and contains the text: "Brett Deresienski: Okay. Uh, how do you understand research now as compared to how you understood it in your first year of college?". The second paragraph is also highlighted in blue and contains the text: "Interviewee: Um, I guess I'm just more informed with, like, all of the resources that are out there that you can use. Um, coming in, I was just kinda used to Googling something and using the information that popped up right away. But now I'm more familiar with using periodicals, journals, scholarly articles and such and really going more in depth and getting credible sources versus just the first thing you find." The 'Retrieved Segments' pane is empty. The bottom status bar shows a 'Simple Coding Query (OR combination of codes)'.

Populate Code System with Codes

The screenshot displays the MAXQDA Analytics Pro 2018 interface. The top menu bar includes: Apple icon, MAXQDA2018, Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, MAXDictio, Sat 1:54 PM, Scheidt, Donna, and search icons. The title bar shows the file path: /Users/dscheidt/Desktop/CCCC2019.mx18 - MAXQDA Analytics Pro 2018 (Release 18.2.0).

The main workspace is divided into several panels:

- Home Panel:** Contains icons for New Project, Open Project, Document System, Code System, Document Browser, Retrieved Segments, Logbook, Teamwork, Save Project As, Merge Projects, Save Anonymized Project As, Open Exchange File, External Files, Project from Activated Documents, and Export Exchange File.
- Document System Panel:** Shows a tree view with 'Documents' (2 items) and 'Sets' (0 items). The selected document is 'NilanStudentInterviewTranscript'.
- Document Browser Panel:** Displays the text of the selected document. A search for 'understand research' has been performed. Two segments are highlighted:
 - Segment 14: *Brett Deresienski:* Okay. Uh, how do you understand research now as compared to how you understood it in your first year of college?
 - Segment 15: *Interviewee:* Um, I guess I'm just more informed with, like, all of the resources that are out there that you can use. Um, coming in, I was just kinda used to Googling something and using the information that popped up right away. But now I'm more familiar with using periodicals, journals, scholarly articles and such and really going more in depth and getting credible sources versus just the first thing you find.
- Code System Panel:** Shows a tree view of the code system. The 'Codes' section is expanded, showing:
 - change (1)
 - influence (0)
 - understand research (1)
 - understand writing (0)
- Retrieved Segments Panel:** Currently empty.

The bottom status bar shows a 'Simple Coding Query (OR combination of codes)' and a count of 0 for each code system element.

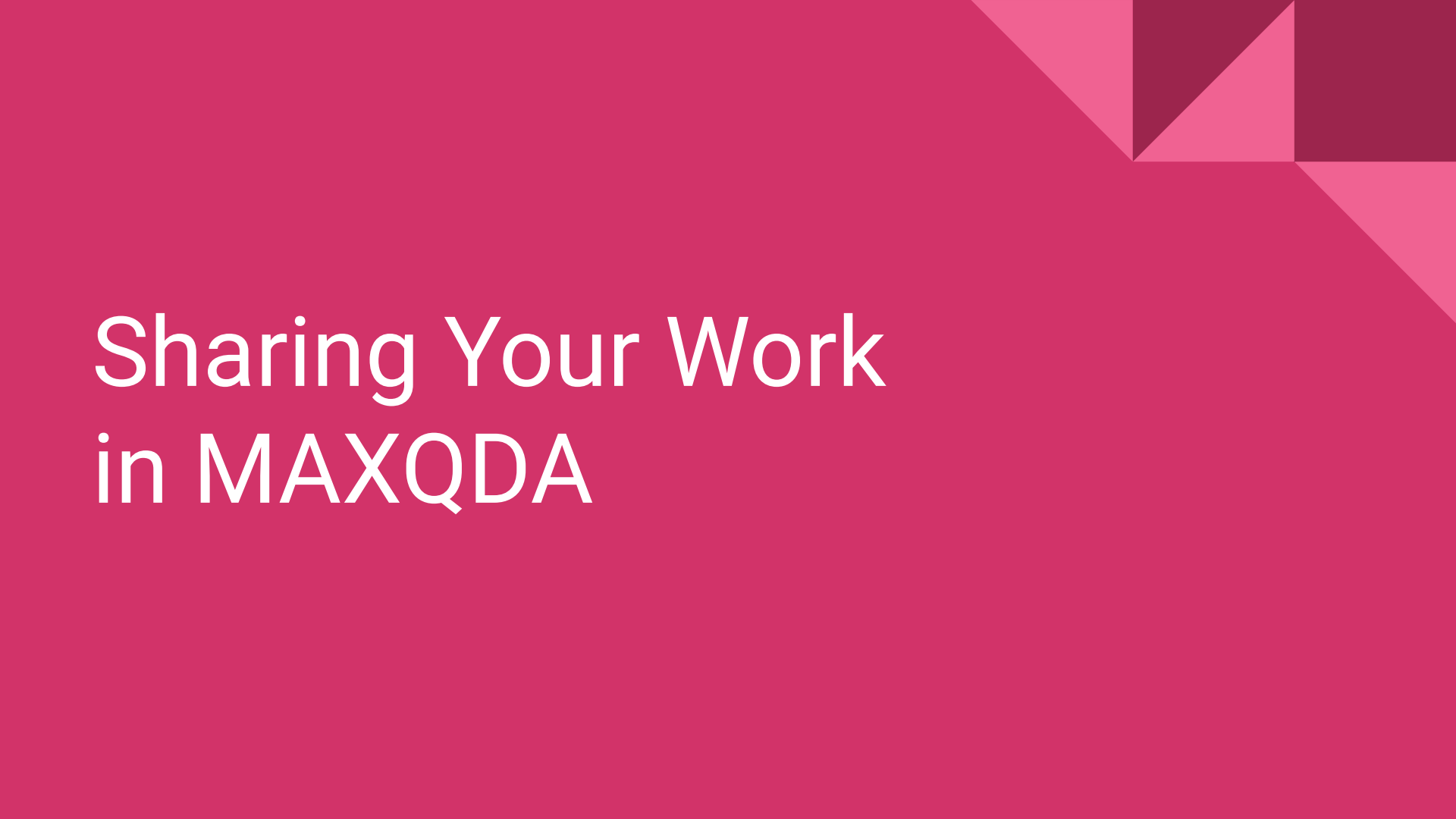
Retrieve Coded Segments (in Context)

The screenshot displays the MAXQDA 2018 software interface. The top menu bar includes Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. The main window is titled "/Users/dscheidt/Desktop/CCCC2019.mx18 - MAXQDA Analytics Pro 2018 (Release 18.2.0)".

The interface is divided into several panels:

- Document System:** Shows a tree view with "Documents" (2) and "Sets" (0). The "Documents" folder is expanded, showing "NilanStudentInterviewTranscript" (2) and "Sets" (0).
- Code System:** Shows a tree view with "Code System" (2) and "Sets" (0). The "Code System" folder is expanded, showing "change" (1), "influence" (0), "understand research" (1), and "understand writing" (0).
- Document Browser:** Displays the text of the "NilanStudentInterviewTranscript" document. The text is highlighted in blue, indicating it is selected. The text includes a question from Brett Deresienski and an answer from the interviewee.
- Retrieved Segments:** Shows a list of retrieved segments. The segment "change" is selected, and the corresponding text from the document is displayed below it.

The status bar at the bottom indicates "Simple Coding Query (OR combination of codes)".



Sharing Your Work in MAXQDA

Language & Resources

“Teamwork” can take many forms in MAXQDA. Our version: “Transfer Coded Segments, Memos, etc. Between Projects”

- <https://www.maxqda.com/help-max18/teamwork/transferring-coded-segments-memos-variables-etc-from-one-project-to-another>
- Ch. 24 (“Teamwork”) of MAXQDA 2018 Manual (pp. 5-13)



“Teamwork”--Assumptions

- Researchers are working in **parallel** to one another (own project file, own computer).
- Everyone working with the **same data material** (i.e., same versions of documents, etc.).
- Ok if **different documents and codes** in each project.



How It Works Conceptually

- **Step One:** Researcher 1 **exports** all the relevant information to be transferred from their project file into a MAXQDA exchange file with the extension “MEX.”
- **Step Two:** Researcher 1 **shares** this file with Researcher 2.
- **Step Three:** Researcher 2 then **imports** that information into their own project file.



Step One: Export Data

The screenshot displays a software interface with a top navigation bar and a main workspace. The navigation bar includes tabs for Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. The main workspace is divided into several panels. On the left is a 'Document System' panel showing a tree view of folders: Documents (472 items), Interviews (173 items), and Interview 1 (40 items). In the center is a 'Document Browser: Interview 1' panel. On the right is a 'Teamwork' panel with a dropdown menu open, listing options: 'Export Teamwork: Write Data into Exchange File', 'Import Teamwork: Read Data from Exchange File', 'Change User', and 'User management'. Other panels include 'New Project', 'Open Project', 'Code System', 'Document Browser', 'Retrieved Segments', 'Logbook', 'Save Project As', 'Save Anonymized Project As', and 'Project from Activated Documents'.

Home Import Codes Variables Analysis Mixed Methods Visual Tools Reports Stats MAXDictio

New Project Open Project

Document System Code System Document Browser Retrieved Segments Logbook

Teamwork

- Save Project As
- Save Anonymized Project As
- Project from Activated Documents
- Export Teamwork: Write Data into Exchange File
- Import Teamwork: Read Data from Exchange File
- Change User
- User management

Document Sy... Document Browser: Interview 1

Documents 472

Interviews 173

Interview 1 40

Step One: Export Data (cont.)

Select documents

Activated documents

- Documents
 - Interviews New York
 - George
 - Joanna
 - Jon
 - Kim
 - Mary
 - Teresa
 - Vincent

Documents: 7

i Next >> Cancel

Select codes

Activated codes

- Code System
 - People
 - Grandparents
 - Parents
 - Siblings
 - Friends
 - Partner
 - Assessments
 - Interviews Main Topics
 - Word to story prompts
 - Highlighters
 - Autocode Twitter Data (4/11/2018 11:01 AM)
 - Video codes

Documents: 7 Codes: 53 Coded Segments: 171

i << Back Next >> Cancel

Step Two: Share File



Step Three: Import Data

The screenshot displays a software interface with a top navigation bar and a main workspace. The navigation bar includes tabs for Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, and MAXDictio. The 'Import' tab is active, and the 'Teamwork' menu is open, showing options for exporting and importing data from an exchange file. The main workspace is divided into a left sidebar and a central panel. The sidebar shows a file tree with 'Documents' (472 items) and 'Interviews' (173 items), including 'Interview 1' (40 items). The central panel is titled 'Document Browser: Interview 1' and contains a search bar and a table.

Navigation Bar: Home, Import, Codes, Variables, Analysis, Mixed Methods, Visual Tools, Reports, Stats, MAXDictio

Import Tab Tools: New Project, Open Project, Document System, Code System, Document Browser, Retrieved Segments, Logbook

Teamwork Menu: Save Project As, Save Anonymized Project As, Project from Activated Documents, Export Teamwork: Write Data into Exchange File, Import Teamwork: Read Data from Exchange File, Change User, User management

Left Sidebar: Documents (472), Interviews (173), Interview 1 (40)

Central Panel: Document Browser: Interview 1

Step Three: Import Data (cont.)

Teamwork: Import data

Select MAXQDA Exchange file

Please select the file for which you want to import data.

LifeSatisfaction_2.mex

Select and assign documents

Documents: 1

Exchange File
<input checked="" type="checkbox"/> George
<input type="checkbox"/> Joanna
<input type="checkbox"/> Jon
<input type="checkbox"/> Kim
<input type="checkbox"/> Mary
<input type="checkbox"/> Teresa
<input type="checkbox"/> Vincent

Teamwork: Import data

Step 2: Select codes

New codes are displayed in green.

- Code System
 - Interviews Main Topics
 - Career
 - Health
 - Home life
 - Recreation
 - Relationships
 - Overall satisfaction
 - Highlighters
 - YELLOW
 - People
 - Neighbours
 - Colleagues
 - Grandparents
 - Parents
 - Siblings
 - Friends

Codes: 16 New codes: 2 Coded Segments: 118

Step Three: Import Data (cont.)

Teamwork: Import data

Select data to import

Coded segments (506) In case of existing coded segments:

Overwrite existing segment boundaries with imported ones

Overwrite existing comments with imported comments

Overwrite existing weights with imported weights

Variables (6)

Summaries (7) In case of existing summaries:


Add imported summaries to existing ones

Memos

Document memos (3)

In-document memos (13)

Code memos (1)

 << Back Import Cancel

change\capacity for growth\ "more developed rese

00:00:00/00:00:00

Document System

- Documents 343
 - NilanDocumentInterviewTranscriptDescriptive160819KathyCara 343
 - Sets 0

NilanDocumentInterviewTranscriptDescriptive160819KathyCara

45 *Alissa Nilan:* I was a much more developed researcher than I was when I wrote this one. Um, this one I think was from my – it was the summer I was going into my sophomore year, so that was two years ago now.

46 *Bill Carpenter:* Sure.

47 *Alissa Nilan:* And just from this time I didn't – not that I didn't know how to research, but I guess I didn't have all the tools I needed, and I wasn't really as invested in my research then as I was when last semester I wrote this one.

Code System

- Code System 343
 - influence 53
 - change 14
 - capacity for growth 2
 - learned that there's more to learn about research 1
 - now want to continue research after graduation 1
 - "didn't have all the tools" "I wasn't really as invested" 2
 - "more developed researcher" than sophomore 1
 - research method 7
 - confidence 4
 - interest in research 1

Retrieved Segments

0 I didn't have all the tools I needed, and I wasn't really as invested in my research

- NilanDocumentInterview... [47 - 47]
- change
- capacity for growth
- "didn't have all the to..."

Thanks!

Find us:

<http://upwardproject.online/>

Contact us:

Donna Scheidt

dscheidt@highpoint.edu

