

**Project Title:** Qualitative Data Reuse: Records of Practice in Educational Research and Teacher Development

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## Interview Protocol

### BACKGROUND

- Tell me about yourself - your schooling and how you came to your current role.
- How do you use digital records of practice? *[Interviewer note: we want to elicit their definition or understanding of records of practice]*
  - What projects/questions are you working on now? OR
  - What recent teaching have you done with these?
  - What types of digital records of practice do you work with?

*[Interviewer note: Goal is to determine whether the subject uses digital records of practice for research or teaching or both. If only one or the other go to that part of the protocol. If both, determine what the participant does most often and begin there.]*

### RESEARCH

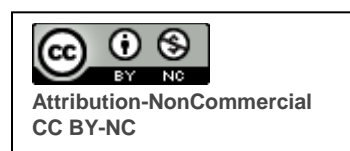
#### Data Producer and Reuser

- Do you collect or produce the digital records of practice you use in your research yourself? (e.g. videos/audio recordings, documents, images)
- What issues / challenges do you face in managing these different kinds of data?
- Have you ever used digital records of practice you did not create yourself?
- *[Interviewer note: If answer is yes, move to the data reuse section. If no, ask if there is any particular reason why.]*

#### Data Reuse

#### Research

- What are the aims of your studies that utilize digital records of practice produced by others? Can you say a little about the research methods you use in your work with records of practice?
  - *[Interview note: Possible examples/probes you could use if the subject is stuck or struggling]*
    - Would you consider the research methods you use to be primarily qualitative, quantitative, or both? How so?
    - How do you analyze the data? What do you look for? How do you code it?
    - What types of results have you found? Can you give an example?
- When and how do you use records of practice in different phases/parts of your research?



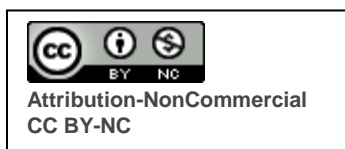
- In what types of research activities do records of practice play an important role?
  - *[Interviewer note: Ask the open ended questions then provide specific examples or ask about specific activities if the subject seems stuck or doesn't discuss important parts of the work.]*
    - Explore the feasibility of testing certain research questions or selecting/adapting a framework
    - Prepare or train for data collection/analysis (e.g. establish interrater reliability, develop observation protocol)
    - Illustrate research findings
    - Verify research findings
    - Other (please specify)
    - None of the above

**Location (if subject uses records of practice produced by others)**

- How did you go about locating the digital records of practice you used?
- Where did you get the digital records of practice
  - *[Interviewer note: We are looking for a specific site/sites, prompt if necessary]*

**Evaluation/Decision-making Process (if subject uses records of practice produced by others)**

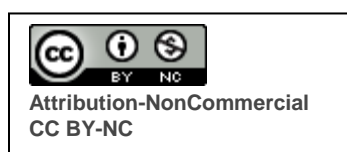
- Can you take me through your decision making/evaluation process for selecting the records of practice you use in your work? When you've identified some possible digital records of practice, how did you decide whether the records would provide good data for your study?
  - Was trust a factor? [If yes, probe for how trust was established]
  - Repositories sometimes make decisions about what to include or exclude from collections, are you aware of this?
    - If so, does this affect your decisions to use collections?
  - Do issues about "privacy" or "permissions" play a role in your decisions about collection use?
- How do you think about appropriate use of the video?
- What types of digital records of practice are you typically looking for?
- Are there any other things you considered when deciding whether or not the digital records of practice met your needs?
- What role, if any, does "convenience" play a role when selecting digital records of practice to use in your work?
  - What makes a set of records of practice inconvenient to use?
    - *[Interviewer note: Ask the open-ended question then provide specific examples if the subject seems stuck or doesn't discuss common facets of "convenience"]*



- Required process for obtaining access/approval to use the records of practice (e.g. institutional data use agreement)
- Difficulty in searching for data of interest
- Easy to manipulate/work with the data
- Cost
- Software required
- In your research, do you need to bring [content/data/datasets] together from different places?
  - What additional information about the content/data/datasets was important to allowing you to integrate them?
- Is there content that you would like to see that is not available or that you've had trouble finding?

### **Data Documentation (Use for both Teaching and Research)**

- Was there any documentation provided along with the digital records of practice?
  - What did that documentation comprise?
- What types of documentation were most useful to you? Why?
  - *[Interviewer Note: Start with open-ended question then use the following as probes or examples if subject seems to be stuck or struggling]*
    - Learner characteristics (e.g., demographic information,, language proficiency, standardized test scores)
    - Teacher characteristics (e.g. experience, subject matter expertise, teaching style)
    - Availability of transcripts
    - Availability of codebooks
    - Technical quality of recordings
    - Content relevance (e.g. covering particular subject matter, topics, concepts, skills)
    - Context relevance (e.g. featuring particular grade level, school type, geographic area, school demographics)
    - Completeness of the collection (e.g. student assignments, seating charts)
    - Data collection design (e.g. consecutive versus random sample of lessons, sample size)
    - Student demographic information
    - Subtitles/closed captioning
    - Student achievement on standardized tests
    - Selected/curated examples of use by others
- What else would you like to see provided in the documentation?



- Did you use other resources (e.g. colleagues, published literature) besides documentation? [Probe who: peers, advisors]

### **Reuse experience (Use for both Teaching and Research)**

- What tools or services do you find helpful when you use records of practice?
  - Probes/examples:
    - Video/audio/image editing software (e.g., iMovie, Final Cut, Adobe Creative Suite)
    - Video sharing and / or commenting service/platform (e.g., Vimeo, Edthena, Teaching Channel Teams)
    - Video Data analysis software (e.g., Transana, NVivo, StudioCode)
    - Multimedia (including video) authoring software/platform (e.g., Zaption, Adobe Captivate iSpring tools)
    - Presentation software (e.g., PowerPoint, Keynote, Google Sheets)
    - Repository staff
- Are any of these – or other – tools and services particularly important when using records of practice produced by others? If so, which ones?
- How do the following features or functions influence your ability to work with records of practice?
  - If needed, use the examples/probes below:
  - Search / identify
  - Navigate records of practice
  - Re-organize or personalize a sub collection for your use
  - Code and analyze
  - Other features or functions that you can think of?
- What issues or challenges did you face in using the digital records of practice?
- Were there any surprises?

*Interviewer note: If subject has not covered the following, ask:*

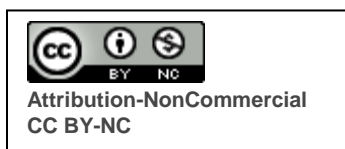
- Did the digital records of practice meet your needs? Why?
- Were you able to address your research questions with the records of practice you selected?
- Do you consider your use of the digital records of practice successful?

*[Interviewer note: If subject uses data from multiple sources ask the following question:*

- What differences do you notice using content from [one source] vs. [the other]?

### **Repository (Use for both Teaching and Research)**

- What role do organizations play in providing digital records of practice in your field? *[If needed, cite the National Board of Professional Teaching Standards as example]*
- Do you think these organizations add value to the records of practice?



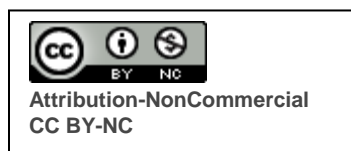
- If so, what is that value?
- What are their key functions? *[See what subjects say first. Then follow up on the sub-bullets that are in bold first.]*
  - Data curation
    - Do you think they have trustworthy processes? (e.g., processing, cleaning, methods of selecting data by staff etc.)
  - Data preservation and archiving
  - Managing / handling sensitive data (i.e. endangered species locations)
  - Data integration and structure
- How do data curation procedures help or hinder reuse? (e.g. procedures for submitting to local repositories, etc.)

### Data/Content Sharing

- Do you ever share the digital records of practice you collect?
  - How? (e.g. your website or other repository)
- If no, why do you not share?
  - Probes:
    - Fear of being scooped
    - Hassle of preparing data
    - Uncertainty about what to do or how to do it
    - Fear of improper use
- How do you balance sharing with privacy and confidentiality of your participants?
- Have you ever deposited records of practice in a repository?
- What are the expectations in your field for sharing digital records of practice?
- Are there any incentives for sharing?
  - *[Interviewer: Begin with open ended question; then use list below to prompt for THEIR incentives for sharing.]*
    - Citation
    - Tenure reward
    - Co-authorship
    - Embargo period
    - Condition of funding
- When is it more appropriate to keep your data private, and when is it more appropriate to make them public?

### Wrap Up

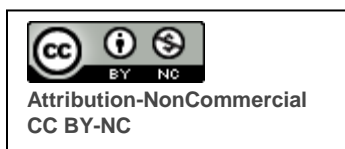
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- Is there anyone else you think we should talk to?



## Teaching Stream

### Reuse

- How do you use digital records of practice in your teaching?
  - Contexts
    - College and university
    - Professional development
    - Other
  - Who is the typical audience for your courses?
    - Undergraduates
    - Graduates
    - Doctoral
    - Teachers
  - Settings (teaching formats)
    - Face to face
    - Online learning
    - Hybrid
    - Other?
  - Types of learning activities [Prompt in specific types of activities]
    - Lectures
    - Small group explorations or discussions about practice, content, learners, etc.
    - Whole group explorations or discussions about practice, content, learners, etc.
    - Tests, quizzes, or other assessments
    - Out of class assignments
    - Optional extension activities or resources for learners
    - Other?
  - Instructional purposes
    - Show examples/exemplars that establish common ground with learners (e.g., develop shared knowledge or concepts)
    - Launch larger activities of problems for the class
    - Practice or perform a particular skill, move, analytic approach, etc.
    - Other?
- What types of courses or venues do you use records of practice in (e.g., seminars, methods).
- What are you trying to accomplish in using video records of practice?



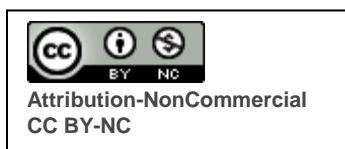
- Can you walk me through your use of records of practice in a specific learning activity?
- And how does that connect with your instructional goal?

### Location

- Where did you get the digital records of practice [Interviewer note: We are looking for a specific site/sites]
  - How did you go about locating the digital records of practice you used?

### Evaluation/Decision-making Process

- Can you take me through your decision making/evaluation process for selecting the records of practice you use in your work? When you've identified *some possible digital records of practice*, how did you decide whether the records would be good for your instructional purposes?
  - *Repositories sometimes make decisions about what to include or exclude from collections, are you aware of this?*
    - *If so, how does this affect your decisions to use collections*
  - *Do issues about “privacy” or “permissions” play a role in your decisions about collection use?*
- How do you think about appropriate use of the video?
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    - Software required
- For your teaching do you need to bring [content/data/datasets] together from different places?
  - How easy or hard is it to integrate content from different sources?
    - Search/Identify
    - Navigate records or practice
    - Re-organizing or personalize a sub collection for your use



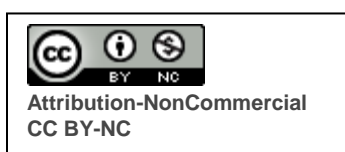
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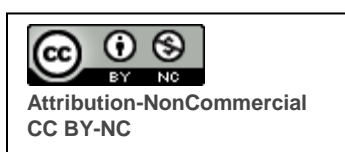
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## Repository

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### Wrap Up

- Do you have anything else you would like to tell us?
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