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## Strategies and Practices for Guiding Students through Qualitative Research in a Semester-Long Course

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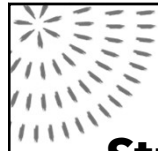
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# Strategies and Practices for Guiding Students through Qualitative Research in a Semester-Long Course

Ellen Block



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## Be not afraid!!!

Why conduct qualitative research in class?

- High-impact practice
- High student engagement
- Real stakes
- Leads to other professional opportunities
- More fun to grade!!!



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## Getting Started

- Get students excited
- Share success stories
- Connect it to high impact practices
- Get started early
- Build in class time

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## Take Baby Steps

- Basic Proposal
- IRB Proposal and Consent form
- CITI Training
- Annotated Bibliography
- Interview Transcripts
- Coded Transcripts
- Presentation
- Final Report
- Peer and Self-Evaluation
- End of Semester IRB report



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## What kinds of projects need IRB?

- The Federal Register (2018, Title 45, Subtitle A, Subchapter A, Part 46) defines research as: " a systematic investigation, including research development, testing, and evaluation, *designed to develop or contribute to generalizable knowledge*". Therefore, data collection that is not designed to develop or contribute to generalizable knowledge would not be defined as research. Examples include data collection only for assessment, program evaluation, quality assurance, quality improvement, oral histories, journalism.

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## IRB Process: Course Approval

- Submit course approval application to [irb@csbsju.edu](mailto:irb@csbsju.edu) (ideally before the start of the semester)
- Guide students to conduct projects that fit within Course Approval
- Provide good templates for students
- Submit projects to IRB (usually me 😊)

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## What qualifies for Course Approval?

- All participants must belong to the CSB/SJU campus community, and all in-person research must be conducted on the CSB/SJU campuses.
- All participants must be at least 18 years old, and no vulnerable populations can be recruited (children, prisoners, undocumented migrants etc)
- The research must pose no more than minimal risk to participants (no more than
- Projects cannot cause participants to feel physically or psychologically threatened or involve procedures with more than minimal physical pain/discomfort.
- No names or other personal identifiers can be connected to any research data, and only non-sensitive information may be collected from participants.
- No deception about risks or other information that could influence individuals' willingness to participate is allowed.

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## MAXQDA: Qualitative Data Analysis

- Free course license for students
- Faculty options:
  - Use course license
  - Use institutional license
  - Download read only version to look at coded interviews
- MAXQDA training [video](#)

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### MAXQDA Getting Started: basic coding and basic analysis

C:\Users\elblock\OneDrive - College of Saint Benedict - Saint John's University\Ellen's Work\Covid HCP Project\MAXQDA\Covid Team Coding 2020.mx20 - MAXQDA Plus 2020 (Release 20.4.2)

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

New Project Open Project Document System Code System Document Browser Retrieved Segments Logbook Teamwork Merge Projects Save Project As Save Anonymized Project As Project from Activated Documents External Files Archive Data

Document Browser: Sandra Internal Medicine Practitioner Kansas\_ot... (86 Paragraphs)

Documents 4134

- 2020 Interviews 3817
  - Quinn Pt 3 Isolation 8
  - Dakota ER doc WA state-otter.ai... 87
  - Danielle - Cardiac PA, Hennepin... 61
  - Caroline NP Oregon-otter.ai 53
  - Cody ER Doc and Incident Com... 38
  - Anita PA Laid off Minneapolis-ot... 62
  - Nick - Internist MN Abbot\_otter.ai 38
  - Owen Navy OR nurse NY 49
  - Pam nursing education MN-otter 10

Code System 4134

- Lexical Search Coding 0
  - Autocode - ANY: institution 18
  - Autocode - Telehealth 39
  - Autocode - flexibility 12
  - Autocode: adapt improv 35
- Age 130
- Covid 260
- Death 235
- Difficult Decisions 60
- Family/friends

Retrieved Segments

Activate documents and codes to retrieve coded segments ...

Simple Coding Query (OR combination of codes)

17 D'Havian: Okay. cool. Um, could you tell me a little bit about how the clinic prepared for COVID like, what, like in the initial stages what were like things that you saw right away they did to like, prepare like you talked a little bit about closing down for a couple weeks, like, a couple days so anything else they did to like, prepare for like the oncoming COVID cases.

18 Sandra: Um, just a lot of changes to the physical structure of the clinic and the processes pretty much every process that a patient comes in for whether it's an appointment or an immunization or an X ray or lab. All of those processes have been revamped to make them as safe as possible.

19 D'Havian: Yeah. Can you give me an example of that, like how that will look if the how it like different from before.

20 Sandra: So like if I vesterdav, or this week we had a patient who was coughing in

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Code System

Code System	Iden...	Ineq...	Men...	Mon...	Othe...	Patie...	Politics	Power	PPE	Prep...	Risk	Stig...	Sup...	Time	Train...	Vacci...
Lexical Search Coding																
Autocode - ANY: Institution																
Autocode - Telehealth																
Autocode - flexibility																
Autocode: adapt improv																
Age																
Covid																
Death																
Difficult Decisions																
Family/friends																
Fam/Frnd/Patient																
Fam/Frnd/HCP																
Fear																
Patient Fear																
HCP Fear																
Future																
Gender																
Identity																
Inequality																
Mental Health (HCP)																
Money																
Other Illnesses																
Patient Care																
Politics																
Power																
PPE																
Preparation																
Risk																
Stigma																
Support																
Time																

1:00 PM 4/8/2022

15:40 / 19:20

Scroll for details

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## Coding Data

- Group coding protocols
  - Pre-set codes
  - Emergent codes
  - Interrater reliability
- In-class coding workshops
  - With data you choose
  - With their own data

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## Writing Research Reports

- Deemphasis on standard research paper
- Emphasis on qualitative data analysis
- Choice to write individual paper or group paper
- Research findings structure

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## What I will share with you...

- Assignment prompts and instructions
- IRB Proposal and Consent form templates
- PPT and activity for qualitative research/interviewing
- PPT/data sample for classroom training on coding/data analysis
- Video link for MAXQDA training
- Instructions for accessing MAXQDA
- Interview guide and coding handout
- This powerpoint

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## Questions and Discussion



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