



Ljubljana Doctoral Summer School

Online courses 2020

Mixed Methods Research Design and Analysis (ECTS: 4)

13 – 17 July 2020

9.00 – 13.00

Course leader:

Pavasovic Trost Tamara, University of Ljubljana, Slovenia

Aims of the course:

This course introduces participants to mixed methods research and prepares them for choosing and implementing the appropriate research design for their doctoral dissertations. It is aimed to build on existing knowledge of qualitative and quantitative methods by exploring the possibilities of integrating qualitative and quantitative data analysis into a mixed method research design. While mixed methods research seems daunting to many, it can increase the validity of findings and improve the quality of knowledge gained through qualitative or quantitative methods alone. In addition to introducing the main types of MMR design and distinguishing when they might be most suitable, and providing “how to” practical training on collecting and analysing data, topics covered will help participants to confront the main challenges and obstacles of mixed methods research: how to determine the optimal research design given the research question; how to combine and integrate different kinds of data; the practical tools useful for undergoing data collection analysis in MMR designs; and how to most effectively analyse, evaluate, and interpret data in mixed methods research studies.

1. Provide participants with knowledge of mixed methods research designs and ability to recognize the types of research questions best suited for integrating qualitative and quantitative methods;
2. Familiarize participants with the basic types of MMR designs, data collection, and data analysis strategies;

Equip participants with skills needed to develop a MMR dissertation proposal and/or produce a publishable mixed method study.

Course syllabus:

Session 1: Introduction and Overview

- Introduction
- Methodology: What it means and why it matters
- Overview: Qualitative, quantitative, and mixed methods approaches
- Data collection and data analysis
- Why choose mixed methods and when are they appropriate
- Paradigm issues in mixed methods research
- Examples of good mixed methods work
- Challenges and possibilities of mixed methods research



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Session 2: Research Design

- Overview of research designs
- Basic mixed method research designs
- Advanced mixed method designs
- Equal vs. unequal priority MM designs
- How to choose a design
- Methodological transparency
- Drawing diagrams
- Mixing prior to analysis
- Mixing during analysis (covered in depth in Day 4)
- Hybrid approaches to MM research designs: MM experiment, MM case study, MM evaluation, MM action research
- Sampling

Session 3: Data collection

- Gaining access to the field
- Qualitative data collection: Interviews, Focus Groups, Observation/Ethnography
- Quantitative data collection: Experiments, Survey Questionnaires
- Merging data in mixed methods
- Ethical Issues

Session 4: Data analysis

- Types of qualitative data analysis: content analysis, discourse analysis, coding
- Steps in qualitative data analysis
- Approaches to causality in qualitative analysis
- Within-case displays, cross-case displays, matrix displays
- Qualitative data analysis software
- Induction, abduction and deduction
- Validity and reliability
- Mixed methods analytical procedures, mixing at analysis
- Qualitizing quantitative data, quantifying qualitative data

Session 5: Evaluating, writing, and presenting MM research

- Writing, reporting, and presenting mixed methods research
- Where to publish MM research, types of MM publications
- Evaluating quality of mixed methods research
- Best practices
- Brief student presentations

List of readings:

- Hesse-Biber, S. N. and R. B. Johnson. 2015. *The Oxford Handbook of Multimethod and Mixed Methods Research Inquiry*. Oxford University Press.
- Tashakkori, A. and C. Teddlie. 2003. *Handbook of Mixed Methods in Social & Behavioral Research*. Sage.
- Creswell, John. 2015. *A Concise Introduction to Mixed Methods Research*. Sage.



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- Creamer, E. 2018. *An Introduction to Fully Integrated Mixed Methods Research*. Sage.
- Creswell, J. and V. Plano-Clark. 2011. *Designing and Conducting Mixed Methods Research*. Sage.

Prerequisites:

Familiarity with basics of qualitative and quantitative research is recommended.

Course leader's biographical note:

Pavasović Trošt Tamara is an Assistant Professor at the School of Economics and Business of the University of Ljubljana. She received her Ph.D. in Sociology from Harvard University in 2012, with a mixed-methods dissertation examining ethnic identity among Croatian and Serbian youth. She spent the 2015-16 academic year as a research fellow at Princeton University, working on the relationship between class and ethnic attitudes. In addition to her research focus on qualitative methods, she has published about issues of identity, youth values, populism, nationalism, history education, and collective memory.