



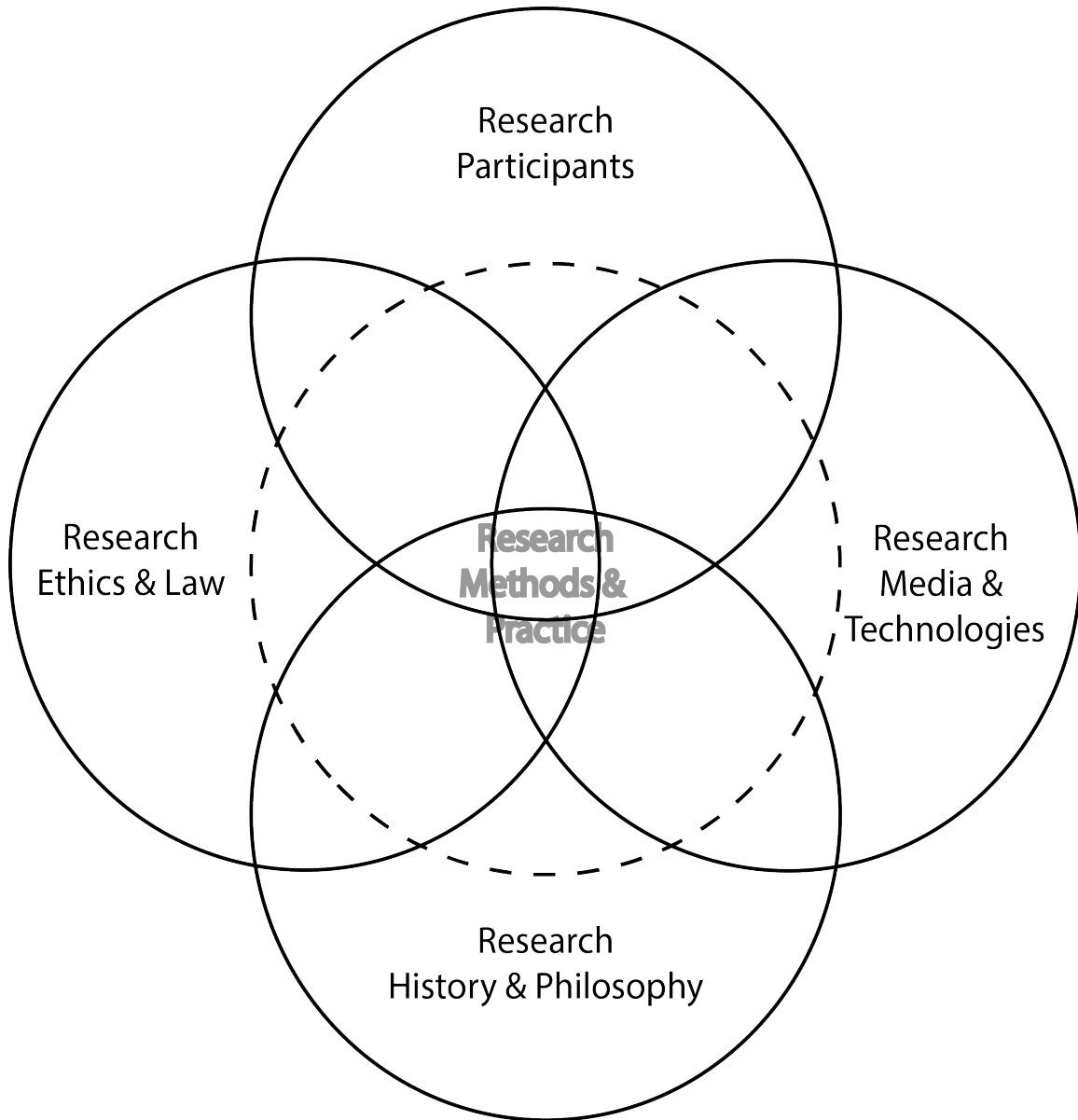
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THE UNIVERSITY OF BRITISH COLUMBIA

EDUC 500: Research Methodology in Education

30 June 2016

S. Petrina & F. Feng



Content Outline & Major Topics

Etymology, History and Philosophy of Research

Topic 1: Research Semantics and Rhetoric

Topic 2: Histories of Research

Topic 3: Philosophies of Research and Epistemology

Writing & Style, Theory & Theoretical Frameworks, Literature Reviews

Topic 4: Writing, Style, Literature Reviews & Theoretical Frameworks

Research Ethics & Law

Topic 5: Research Ethics & Law

Research Participants (Human & Non-Human Subjects)

Topic 6: Participation, Sampling and Recruitment

Research Problems & Research Policy: Funding, Research Topics, Designs & Proposals

Topic 7: Searching and Filtering

Topic 8: Dimensioning Phenomena: Tracking, Mapping, & Framing

Topic 9: Research Problems & Funding, Audiences, Topics & Proposals

Research 2.0 Research Media and Technologies

Topic 10: Research Applications and Devices

Topic 11: Research Networks and Newstories

Topic 12: Big Data/bases, Analytics and Semantic Web

Research Methods, Methodologies & Psychometrics

Topic 13: Qualitative Methods

Topic 14: Quantitative Methods

Topic 15: Mixed Methods

Data Collection, Coding, Analysis & Visualization

Topic 16: Instrumentation and Protocols

Topic 17: Data Collection

Topic 18: Data Coding, Analysis, and Visualization

Research Engagement, Knowledge Mobilization & Research Metrics & Impact

Topic 19: Research Communication, Writing and Reporting, and Rating (Bibliometrics)

Topic 20: Research Presenting and Research Rhetoric