Enhancing Qualitative and Mixed Methods Research with Technology

Part of the Advances in Knowledge Acquisition, Transfer, and Management Book Series

Shalin Hai-Jew
(Kansas State University, USA)

In light of the expensive nature of quantitative research, such as experiments, researchers must seek other methods of understanding the world around them. As such, new qualitative methods are gaining ground in the modern research community.

Enhancing Qualitative and Mixed Methods Research with Technology explores the integration of new digital tools into the research process. Including current information on data visualization, research design, information capture, as well as social media analysis, this publication serves as an ideal reference source for academicians, scientists, information specialists, business managers, and upper-level students involved in interdisciplinary research.

Topics Covered:
- Data Extraction
- Data Processing
- Human-Information Interaction
- Literature Reviews
- Primary Information Collection
- Research Methods
- Research Presentation

Print: US $225.00 | Perpetual: US $340.00 | Print + Perpetual: US $450.00

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

Shalin Hai-Jew works as an instructional designer at Kansas State University (K-State); she teaches from a distance for WashingtonOnline (WAOL). She has taught at the university and college levels for many years (including four years in the People’s Republic of China) and was tenured at Shoreline Community College but left tenure to pursue instructional design work. She has Bachelor’s degrees in English and psychology, a Master’s degree in Creative Writing from the University of Washington (Hugh Paradise Scholar), and an Ed.D in Educational Leadership with a focus on public administration from Seattle University (where she was a Morford Scholar). She reviews for several publications — Educause Review Online and MERLOT’s Journal of Online Learning and Teaching, and is editor of several IGI Global titles. Dr. Hai-Jew was born in Huntsville, Alabama, in the U.S.
Section 1: Setting the Parameters for Technology Use: Qualitative and Mixed Methods Theories and Models

Chapter 1: Coding is Not a Dirty Word
Kakali Bhattacharya (Kansas State University, USA)

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Oksana Parylo (Katholieke Universiteit Leuven, Belgium)

Chapter 3: Research F-Journaling to Enhance Qualitative and Mixed Methods Research
Shalin Hai-Jew (Kansas State University, USA)

Section 2: All-Environments Information Collection

Chapter 4: Technologies for Conducting an Online Ethnography of Communication
Tabitha Hart (San Jose State University, USA)

Chapter 5: Capturing Definitions for a Sustainable Distance Education Ecosystem through an Online Delphi Study
M. Banu Gundogan (Middle East Technical University, Turkey)
Gulsun Eby (Anadolu University, Turkey)
T. Volkan Yuzer (Anadolu University, Turkey)

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Kimberly Nehls (University of Nevada – Las Vegas, USA)
Brandy D. Smith (University of Nevada – Las Vegas, USA)
Holly A. Schneider (University of Nevada – Las Vegas, USA)

Chapter 7: Data Integration Technology for Industrial and Environmental Research via Air Quality Monitoring Network
Tianxing Cai (Lamar University, USA)

Section 3: Technology-Enhanced Data Management, Data Processing, Data Visualization, and Human-Machine Analysis

Chapter 8: Leveraging Two Computer-Assisted Qualitative Data Analysis: Software Packages to Support Discourse Analysis
Jessica Nina Lester (Indiana University, USA)

Chapter 9: Practical Wisdom of Tool and Task:
Nancy J Smith (Texas A&M University – Corpus Christi, USA)
Kakali Bhattacharya (Kansas State University, USA)

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Tagheer Justina (King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia & Swansea University, UK)

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Chapter 12: Trendy Avatars and their Hair:
Sara Steffes Hansen (University of Wisconsin – Oshkosh, USA)

Chapter 13: Tweet Portraits:
Shalin Hai-Jew (Kansas State University, USA)

Chapter 14: Sampling Public Sentiment using Related Tags (and User-Created Content) Networks from Social Media Platforms
Shalin Hai-Jew (Kansas State University, USA)

Section 5: Cases of Technology-Enhanced Qualitative and Mixed Methods Research (and the Converse)

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Eamonn Caffrey (Trinity College Dublin, Ireland)
Joe McDonagh (Trinity College Dublin, Ireland)

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David Pick (Curtin University, Australia)

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