Detailed Contents

Analytic Contents of Research Techniques	xv
Preface	xix
Purpose	xix
Audience	xix
Format	xx
Outline of Chapters	xxii
Acknowledgments	xxvii
About the Author	xxix
羅 Part I. Preliminary Considerations	1
1. The Selection of a Research Approach	3
The Three Approaches to Research	3
Three Components Involved in an Approach	5
Philosophical Worldviews	5
The Postpositivist Worldview	7
The Constructivist Worldview	8
The Transformative Worldview	9
The Pragmatic Worldview	10
Research Designs	וו
Quantitative Designs	12
Qualitative Designs	13
Mixed Methods Designs	14
Research Methods	16
Research Approaches as Worldviews, Designs,	
and Methods	17
Criteria for Selecting a Research Approach	19
The Research Problem and Questions	20
Personal Experiences	20
Audience	21
Summary	21
Writing Exercises	22
Additional Readings	22

2. Review of the Literature	25
The Research Topic	25
The Literature Review	27
The Use of the Literature	28
Design Techniques	31
Steps in Conducting a Literature Review	31
Searching Computerized Databases	32
A Priority for Selecting Literature Material A Literature Map of the Research	35 36
A billerature map of the Research Abstracting Studies	38
Example 2.1. Literature Review Abstract in	
a Quantitative Study	40
Example 2.2. Literature Review Abstract in a Study	
Advancing a Typology	41
Style Manuals	41
The Definition of Terms	42
Example 2.3. Terms Defined in an Independent	
Variables Section	45
Example 2.4. Terms Defined in a Mixed	
Methods Dissertation	46
A Quantitative or Mixed Methods Literature Review	46
Summary Writing Exercises	48 49
Additional Readings	49
-	
3. The Use of Theory	51 52
Quantitative Theory Use Variables in Quantitative Research	52
Definition of a Theory in Quantitative Research	53
Forms of Theories in Quantitative Research	55
Placement of Quantitative Theories	59
Writing a Quantitative Theoretical Perspective	60
Example 3.1. A Quantitative Theory Section	61
Qualitative Theory Use	64
Variation in Theory Use in Qualitative Research	64
Locating the Theory in Qualitative Research	67
Example 3.2. A Theory Early in a Qualitative Study	67
Example 3.3. A Theory at the End of a Qualitative Study	68
Mixed Methods Theory Use	68
Social Science Theory Use	69
Transformative Paradigm Theory Use	70
Example 3.4. Theory in a Transformative Mixed	
Methods Study	74

Summary	74
Writing Exercises	75
Additional Readings	76
4. Writing Strategies and Ethical Considerations	77
Writing the Proposal	77
Arguments Presented in a Proposal	77
Format for a Qualitative Proposal	78
Example 4.1. A Qualitative Constructivist/ Interpretivist Format	78
Example 4.2. A Qualitative Transformative Format	79
Format for a Quantitative Proposal	80
Example 4.3. A Quantitative Format	80
Format for a Mixed Methods Proposal	81
Example 4.4. A Mixed Methods Format	81
Designing the Sections of a Proposal	82
Writing Ideas	83
Writing as Thinking	84
The Habit of Writing	85
Readability of the Manuscript	86
Example 4.5. An Illustration of the	
Hook-and-Eye Technique	89
Voice, Tense, and "Fat"	90
Ethical Issues to Anticipate	92
Prior to Beginning the Study	95
Beginning the Study	97
Collecting the Data	97
Analyzing the Data	99
Reporting, Sharing, and Storing Data	99
Summary	101
Writing Exercises	102 102
Additional Readings	102
器 Part II. Designing Research	105
5. The Introduction	107
The Importance of Introductions	107
An Abstract for a Study	108
Qualitative, Quantitative, and Mixed Methods Introductions	110
A Model for an Introduction	111
An Illustration	112
The Research Problem	114
Studies Addressing the Problem	116
Deficiencies in Past Literature	117

Example 5.1. Deficiencies in the Literature—Needed Studies	118
■ Example 5.2. Deficiencies in the	
Literature—Few Studies	118
Significance of a Study for Audiences	119
Example 5.3. Significance of the Study Stated in an Introduction to a Quantitative Study	119
Summary Writing Exercises Additional Readings	120 120 121
6. The Purpose Statement Significance and Meaning of a Purpose Statement A Qualitative Purpose Statement	123 123 124
Example 6.1. A Purpose Statement in a Qualitative Phenomenology Study	126
Example 6.2. A Purpose Statement in a Case Study	127
Example 6.3. A Purpose Statement in an Ethnography	127
Example 6.4. A Purpose Statement in a Grounded Theory Study	128
A Quantitative Purpose Statement	128
Example 6.5. A Purpose Statement in a Published Survey Study	130
Example 6.6. A Purpose Statement in a Dissertation Survey Study	131
Example 6.7. A Purpose Statement in an Experimental Study	132
A Mixed Methods Purpose Statement	132
 Example 6.8. A Convergent Mixed Methods Purpose Statement 	135
 Example 6.9. An Explanatory Sequential Mixed Methods Purpose Statement 	135
Example 6.10. An Exploratory Sequential Mixed Methods Purpose Statement	136
Summary	137
Writing Exercises Additional Readings	137 138
7. Research Questions and Hypotheses	139
Qualitative Research Questions	139
Example 7.1. A Qualitative Central Question From an Ethnography	142

	Example 7.2. Qualitative Central Questions	
	From a Case Study	142
	Quantitative Research Questions and Hypotheses	143
	Example 7.3. A Null Hypothesis	144
	Example 7.4. Directional Hypotheses	145
	Example 7.5. Nondirectional and Directional Hypotheses	146
	Example 7.6. Standard Use of Language in Hypotheses	146
	A Model for Descriptive Questions and Hypotheses	147
	Example 7.7. Descriptive and Inferential Questions	147
	Mixed Methods Research Questions and Hypotheses	148
	Example 7.8. Hypotheses and Research Questions in a Mixed Methods Study	150
	Example 7.9. A Mixed Methods Question Written	
	Using Methods and Content Language	151
	Summary	151
	Writing Exercises Additional Readings	152 153
	-	
8.	Quantitative Methods Defining Surveys and Experiments	155 155
	Components of a Survey Method Plan	155
	The Survey Design	157
	The Population and Sample	158
	Instrumentation	159
	Variables in the Study	161
	Data Analysis and Interpretation	162
	■ Example 8.1. A Survey Method Section	165
	Components of an Experimental Method Plan	167 168
	Participants Variables	169
	Instrumentation and Materials	170
	Experimental Procedures	170
	Example 8.2. Pre-Experimental Designs	171
	Example 8.3. Quasi-experimental Designs	172
	Example 8.4. True Experimental Designs	173
	Example 8.5. Single-Subject Designs	174
	Threats to Validity	174
	The Procedure	177
	Data Analysis	178
	Interpreting Results	178
	Example 8.6. An Experimental Method Section	179

	Summary Writing Exercises Additional Readings	180 181 181
9.	Qualitative Methods The Components of Qualitative Methods The Characteristics of Qualitative Research Qualitative Designs The Researcher's Role Data Collection Procedures Data Recording Procedures Data Analysis and Interpretation Validity and Reliability Writing the Qualitative Report	183 184 185 187 187 189 193 194 201 204
	 Example 9.1. Qualitative Procedures Summary Writing Exercises Additional Readings 	205 211 212 213
10.	Mixed Methods Procedures Components of Mixed Methods Procedures Describe Mixed Methods Research Types of Mixed Methods Designs Convergent Parallel Mixed Methods Design Explanatory Sequential Mixed Methods Design Exploratory Sequential Mixed Methods Design Several Advanced Mixed Methods Designs Mixed Methods Notation in the Figures Factors Important in Choosing a Mixed Methods Design <i>Choice Based on Outcomes Expected</i> <i>Choice Based on How the Data Will Be Used</i>	215 216 217 219 224 225 227 228 230 230
	Together (or Integrated) Choice Based on the Timing of the Data Collection	230 231
	Choice Based on the Emphasis Placed on Each Database Choice Based on Type of Design Most	232
	Suited for a Field Choice Based on a Single Researcher or Team Examples of Mixed Methods Procedures	232 232 233
	Example 10.1. A Convergent Parallel Mixed Methods Design	233
	Example 10.2. An Explanatory Sequential Mixed Methods Design	234

Example 10.3. An Exploratory Sequential	
Mixed Methods Design	235
Example 10.4. A Transformative Design	237
Summary	238
Writing Exercises	239
Additional Readings	239
Glossary	241 251 261
References	
Author Index	
Subject Index	265