



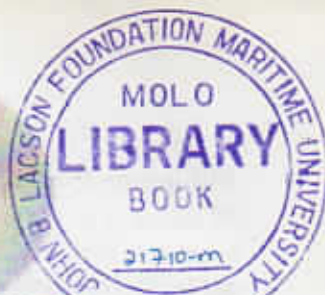
Research Methods & Thesis Writing

FIRST EDITION



Rustico T. De Belen

FL
001.42
D 278
2019
+



RESEARCH METHODS AND THESIS WRITING

First Edition

RUSTICO T. DE BELEN

3000770



Wiseman's Books Trading, Inc.

CHAPTER II

MECHANICS OF RESEARCH PROPOSAL	79
<u>Types of Academic Research</u>	80
<u>Research Grounding</u>	81
<i>Constructing a research title</i>	84
<i>Locating, selecting and reading literature</i>	86
<i>Developing research instrument</i>	90
<i>Formulating a hypothesis</i>	96
<i>Gathering documentary and pre-test data</i>	100
<i>Analyzing preliminary data</i>	105
<i>Interpreting preliminary data</i>	107
<i>Writing the research proposal</i>	107
<i>Communicating and utilizing research data</i>	109
<u>Research Proposing</u>	111
<i>Preparation of research proposal</i>	111
<i>Research outline, proposal and comments</i>	113
<i>Research outline</i>	114
<i>Actual thesis proposal</i>	114
<i>Actual thesis comments</i>	116
	125

CHAPTER III

FUNDAMENTALS OF RESEARCH AND THESIS WRITING **135**

<u>Thesis and Dissertation Writing</u>	138
<u>The Pre-Chapter Part</u>	142
<i>Title of the study</i>	143
<i>Abstract</i>	145
<i>Table of contents</i>	149
<u>The Thesis Chapters</u>	149
<i>Research Introduction</i>	149
<i>Prelude to the Study</i>	150
<i>Background and setting</i>	151
<i>Statement of the purpose</i>	153
<i>Research method</i>	153
<i>Research Framework</i>	155

<i>Basic terms and concepts</i>	157
<i>Theory and its application to research</i>	159
<i>Theoretical, conceptual and analytical frameworks</i>	161
<i>Selected research paradigms</i>	168
<i>Concept mapping</i>	172
<i>Practical research model</i>	175
<i>Systems framework</i>	179
<i>Medical tourism paradigm</i>	182
<i>Theory of knowledge and practice</i>	183
<i>Conceptual framework in Informatics</i>	186
<i>Theory of balanced scorecard</i>	187
<i>Thesis Problem and Related Sections</i>	190
<i>Statement of the problem</i>	190
<i>Assumptions</i>	193
<i>Hypothesis</i>	193
<i>Significance of the study</i>	195
<i>Scope, limitation and delimitation of the study</i>	197
<i>Definition of Terms</i>	198

CHAPTER IV

ESSENTIALS OF RESEARCH AND THESIS WRITING 207

<u>Review of the Literature</u>	208
<i>Review of related literature</i>	212
<i>Review of related studies</i>	214
<i>Synthesis of the art</i>	216
<u>Research Methods and Designs</u>	217
<i>Research design</i>	218
<i>Subject selection</i>	227
<i>Data collection and instrumentation</i>	228
<i>Basic methods of data gathering</i>	231
<i>Observation method</i>	232
<i>Interview method</i>	236

Questionnaire method	244
Documentary method	253
Conditions and outcome measures	257
Statistical treatments and data analysis	259
<u>Research Data Analysis</u>	260
Presentation of data	260
Interpretation of data	264
Analysis of data	265
<u>Research Conclusion</u>	271
Findings	272
Conclusion	273
Recommendations	276
<u>The Post-Chapter Part</u>	277
Appendixes	277
Bibliography	277
Curriculum vitae	278
CHAPTER V	
ELEMENTS OF STYLE AND CITATION	283
<u>Research Quotation</u>	289
Direct and indirect quotations	290
Rules of quotations	292
<u>Systems of Citation</u>	293
Footnotes and endnotes	295
Bibliography	298
Author's method	302
Harvard method	303
<u>MLA and APA Format</u>	309
Using MLA	310
References: MLA	313
Using APA	316
Works cited: APA	317
Table of comparison	320
GLOSSARY	327
APPENDICES	337

A	<i>Suggested Research/Thesis Format</i>	337
B	<i>Annotated Research/Thesis Format</i>	339
C	<i>Review Guide</i>	344
BIBLIOGRAPHY		355
INDEX		363

INDEX

A

- Abstract, 145, 147, 327
- Academic researches, 29
- Accidental sampling, 327
- Action research, 31
- Agne and Pyke, 53
- AIDS, 58
- American Psychological Association, 68
- Analysis of data, 265
- Analysis of variance (ANOVA), 327
- Analysis, 327
- Analytical bibliography, 300
- Analytical frameworks, 161
- Analyzing preliminary data, 105
- Annotated bibliography, 299
- Annotation, 327
- APA, 293, 310, 321
- Appendices, 277
- Applied research, 327
- Applied researches, 29
- Assumption, 192, 327
- Attribute, 328
- Attributes and objectives of research, 22

B

- Background and setting, 151
- Balanced scorecard, 188
- Bar chart, 328
- Basic and applied research, 29
- Basic Copyright Law, 284
- Basic methods of data gathering, 231
- Basic research designs, 35
- Basic research methods, 33
- Basic research questions, concepts, and terms, 20
- Basic terms and concepts, 156
- Bias, 328
- Bibliographic information, 305
- Bibliography, 277, 298
- Bibliography, 328
- Biographical research, 38
- Books, 302

C

- Case study research, 38, 47, 328
- Casual research, 34
- CD ROM, 88, 255
- CD-ROMs, DVDs and Videos, 307
- Census, 328

Characteristic, 328
Characteristics of research, 26
Chi-square test, 328
CIOMS, 58, 62, 65, 70
Citation or cite, 328
Closed-ended question, 247
Closing stage, 241
Cluster Sampling, 103, 329
Coefficient of variation, 329
Common sense problem solving, 52
Communicating and utilizing research data, 109
Compelling curiosity, 15
Complementarity, 46
Concept mapping, 172
Concept, 157
Conceptual framework, 158, 161, 164, 186, 328
Conceptual literature, 209
Conceptualization, 199
Conclusion, 273, 329
Concurrent validity, 224
Conditions and outcome measures, 257
Confounding variable, 329
Construct validity, 224
Construct, 157
Content validity, 224
Continuous variable, 329
Convenience sampling, 103
Copyright, 329
Correlational method, 329
Curriculum vitae, 278

D

Data analysis, 259
Data collection and instrumentation, 228
Data, 329
Deductive method, 13, 15
Definition of research, 6
Definition of research, 6
Definition of terms, 198
Deontological approach, 56
Dependent variable, 329
Dependent variable, 34, 43, 98
Descriptive research, 33
Descriptive statistics, 329
Developing research instrument, 90
Development, 46
Direct quotation, 290
Direct quote, 330
Discipline inquiry (DI), 184
Discipline, 329
Discourse analysis, 38
Discrete variable, 330
Documentary method, 253
Documentation, 330
Dr. Van Sell (2002), 185

E

Ecological psychology, 38
E-mails, 309
Empirical evidence, 51
Empirical research, 11
Empirical research, 11
Encyclopedia articles, 303

INDEX

- Endnotes, 295
 - Enumerative bibliography, 299
 - Environment, 330
 - ERIC, 19, 89
 - Ethical and legal issues, 55
 - Ethico-legal consideration
 - in research, 57
 - Ethnographic research, 37
 - Ethno-methodologic study, 38
 - Evaluation research, 30
 - Expansion, 46
 - Experimental approach, 43
 - Experimental method, 330
 - Exploratory research, 34
 - Extraneous variable, 35
- F
- Field research, 104
 - Findings, 272
 - Focus group, 243
 - Footnotes, 295
 - Formative research, 30
 - Formulating a research, 96
 - Frequency distribution, 330
 - Frequency polygon, 330
- G
- Gathering documentary
 - and pre-test data, 100
 - General kinds of research, 28
 - General format, 248
 - Graphical data form, 261
 - Grounded theory research, 38

H

- Harvard system, 294
- Hermeneutic research, 38
- Histogram, 330
- Historical research, 37
- Human ethology, 38
- Hypothesis, 157, 193

I

- Internal consistency, 226
- Independent variable, 331
- Inferential statistics, 331
- Information, 331
- Initiation, 46
- Independent variable, 330
- Inferential statistics, 330
- Information, 330
- Independent variable, 331
- Inferential statistics, 331
- Information, 331
- Indirect quotations, 290
- Inter-rater test, 226
- Implementation stage, 239
- Independent variable, 34,
43, 98
- Inductive method, 13
- Inductive method, 13, 15
- Inform and consent
 - in research, 60
- Intellectual property
 - protection, 286
- Internet articles, 306
- Interval, 223
- Interpretation of data, 264

Interpretation of data, 264

Interpreting preliminary
data, 107

Interview method, 236

Interviews, 308

J

Johnson and Onwuegbuzie, 46

Judgment sampling, 331

L

Law, 157

Locating research literature, 86

M

Magazines/Journals, 304

Manifest content analysis, 105

Martin Luther King, Jr, 5

Mean, 331

Measure, 157

Median, 331

Medical tourism paradigm, 182

MEDLINE, 89

Methodologic analysis, 47

Methodology, 184

Methods and methodology, 9

Micro research, 28

Mixed methods research

designs, 45

Mixed question, 248

MLA, 293, 316, 321

MNSA, 113

Mode, 331

Model, 157

Modern language association
(MLA), 68

Multi-layered research
method, 47

Multi-stage sampling, 103

N

National and international laws
and standards, 67

NDCP, 113

Newspaper articles, 305

Nominal data, 331

Nominal scale, 331

Nominal, 223

Non-experimental research, 44

Non-participant
observation, 233

Non-probability sampling, 103

Nonprobability, 331

Non-structured interview, 238

Normal distribution, 331

Null Hypothesis, 332

Nuremberg Code and the
Declaration of Helsinki, 69

Nuremberg War Crimes
Trial, 57

Nursing foundation, 184

Nursing research, 332

O

Objectivity, 51

Observation method, 232, 332

Open-ended question, 247

Related literature, 212
Related sections, 190
Related studies, 214
Reliability, 94, 225
Republic Act No. 8293, 284
Research anonymity, 63
Research conclusion, 271
Research confidentiality, 63
Research data analysis, 260
Research design, 28, 218
Research Framework, 155
Research framework, 155
Research in nursing, 334
Research introduction, 149
Research literature, 209
Research measures, 221
Research method, 28, 153
Research Paper, 334
Research paradigms, 32
Research participant safety, 59
Research praxis, 110
Research problem, 85
Research process, 48, 54
Research proposal outline, 114
Research purpose, 85
Research question, 85
Research quotations, 289
Research terminology, 22
Research title, 84
Research topic, 84
Research, 1
Rules on Plagiarism, 288
Rules on quotations, 292

S

Sample size, 335
Sampling distribution, 335
Sampling error, 335
Scientific method, 11, 12
Scientific problem solving, 52
Scientific processes, 48
Scope, limitation and
 delimitation of the study, 197
Secondary analysis, 47
Secondary source, 335
Selected research
 paradigm, 168
Significance of the study, 195
Significance, 335
Simple random sampling, 102
Snowballing sampling, 104
Social sciences, 6, 26
SocioFILE, 19, 89
Sociological abstract, 19
Stability test, 226
Standard deviation, 335
Statement of the problem, 190
Statement of the purpose, 153
Statistical treatments, 259
Statistics, 335
Steps in interview process, 238
Steps in the research
 process, 16
Stratified random
 sampling, 102
Stratified sampling, 335
Structured interview, 237
Structured observation, 233
Student's t-test, 335

INDEX

Subject selection, 227
Subject selection, 227
Suggested bibliographic
formats, 302
Summative research, 30
Survey, 47
Synthesis of the art, 216
System observation, 15
Systematic experimental, 15
Systematic or sequential
sampling, 102
Systematic sampling, 335
Systems framework, 179
Systems framework, 179
Systems of citation, 293

T

Table of contents, 149
Tabular data form, 261
Textual data form, 261
Theoretical framework, 161,
164, 335
Theory and its application to
research, 159
Theory of balanced
scorecard, 187
Theory of knowledge
and practice, 183
Theory, 157
Thesis and dissertation
writing, 138
Thesis chapters, 149
Thesis Problem, 190
Title of the study, 143
Title page, 336

Triangulation, 46
T-test, 336
Type I error, 336
Type II error, 336
Types and formats
of survey question, 246

U

UDHR, 71, 72
Uniform Resource Locator
(URL), 336
Unobtrusive research, 105
Unstructured interview, 237
Unstructured observation, 233
Using APA, 310
Using MLA, 316
Utilitarianism, 57

V

Validity, 93, 224
Variance, 336
Variate/Variable, 336

W

Website, 336
WHO, 58, 62, 70, 72
WiFi, 88
Works Cited, 317
Works consulted, 336
World Wide Web, 88
Writing the research
proposal, 107