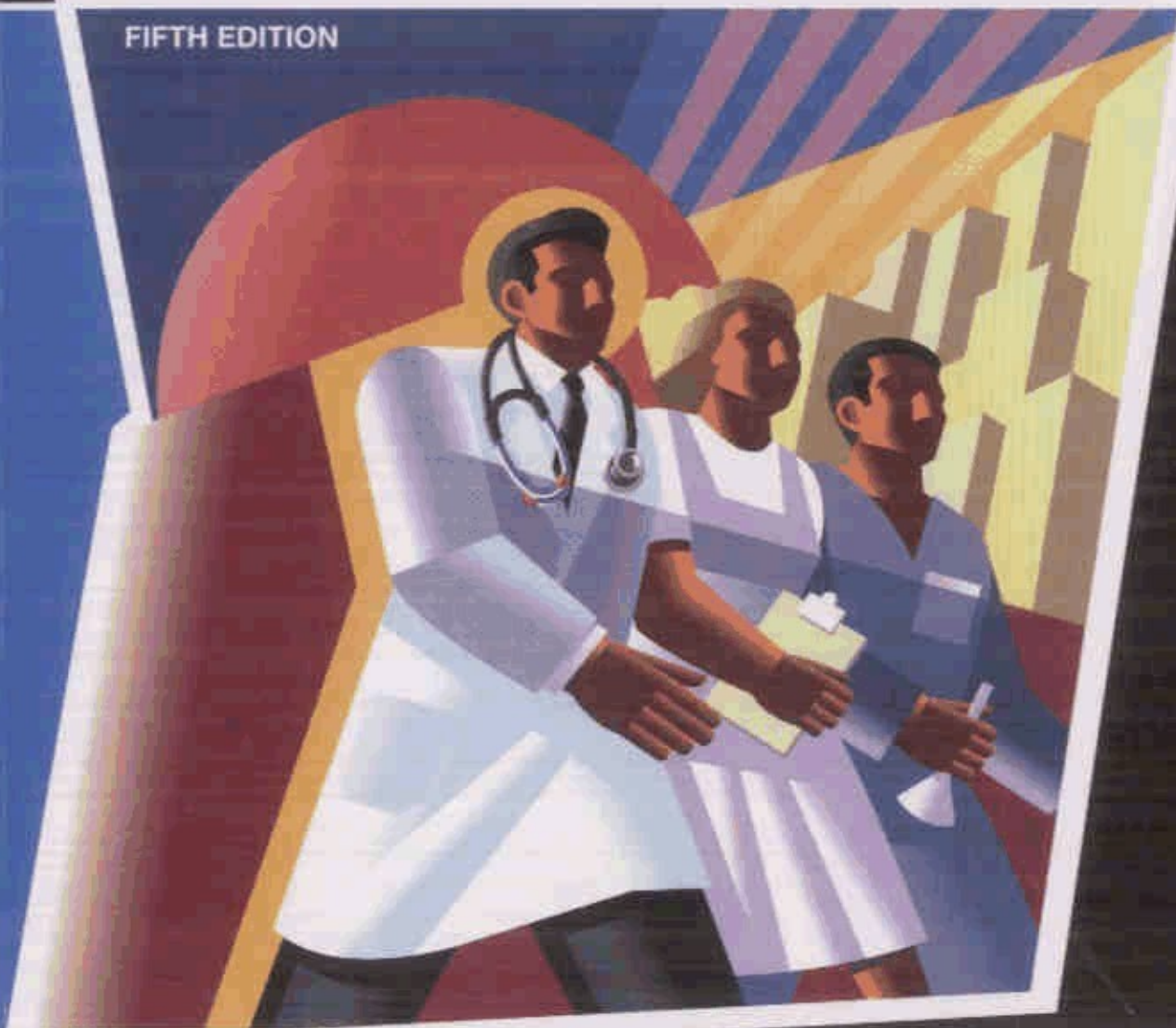


— INTRODUCTION TO —
RESEARCH
— IN THE —
HEALTH SCIENCES

FIFTH EDITION



CHURCHILL
LIVINGSTONE
ELSEVIER

STEPHEN POLGAR SHANE A. THOMAS

Contents

Preface	vii	Chapter 8	83
		Qualitative Research	
SECTION 1		Discussion, Questions	
The Scientific Method		and Answers	93
Chapter 1	3	SECTION 4	
Methods and Health Research		Data Collection	
Discussion, Questions		Chapter 9	99
and Answers	15	Questionnaire Design	
SECTION 2		Chapter 10	107
Research Planning		Interview Techniques and the Analysis of	
Chapter 2	21	Interview Data	
Research Planning		Chapter 11	115
Chapter 3	31	Observation	
Sampling Methods and External		Chapter 12	125
Validity		Measurement	
Chapter 4	43	Discussion, Questions	
Causal Research and Internal Validity		and Answers	137
Discussion, Questions		SECTION 5	
and Answers	49	Descriptive Statistics	
SECTION 3		Chapter 13	143
Research Designs		Organization and Presentation of Data	
Chapter 5	55	Chapter 14	155
Experimental Designs and Intervention		Measures of Central Tendency and	
Studies		Variability	
Chapter 6	65	Chapter 15	165
Surveys and Quasi-Experimental		Standard Scores and the Normal Curve	
Designs		Chapter 16	175
Chapter 7	75	Correlation	
Single Case ($n = 1$) Designs			



Discussion, Questions and Answers	187
--	------------

SECTION 6 Inferential Statistics

Chapter 17	193
Probability and Sampling Distributions	

Chapter 18	207
Hypothesis Testing	

Chapter 19	219
Selection and Use of Statistical Tests	

Chapter 20	231
The Interpretation of Research Evidence	

Discussion, Questions and Answers	239
--	------------

SECTION 7 Dissemination and Critical Evaluation of Research

Chapter 21	245
Qualitative Data Analysis	

Chapter 22	255
Presentation of Health Science Research	

Chapter 23	263
Critical Evaluation of Published Research	

Chapter 24	273
Synthesis of Research Evidence	

Discussion, Questions and Answers	285
--	------------

SECTION 8

Glossary of Research Terms	291
--------------------------------------	-----

References and Further Reading	301
--	-----

Answers to Questions	305
--------------------------------	-----

Appendices	317
----------------------	-----

Index	327
-----------------	-----