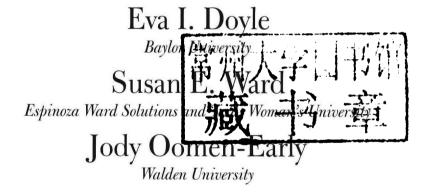


Second Edition

The Process of Community Health Education and Promotion





For information about this book, contact:

Waveland Press, Inc. 4180 IL Route 83, Suite 101 Long Grove, IL 60047-9580 (847) 634-0081 info@waveland.com www.waveland.com

Cover photo credits:

Top left, Jody Oomen-Early; middle, Eva I. Doyle; lower right, Eva I. Doyle.

Chapter opener photo credits:

Page 3, Teoman Alemdar; page 23, AP Photo/Michael Dwyer; page 47, AP Photo/Miguel Tovar; page 101, AP Photo/The Hawk Eye, John Lovretta; page 179, Public Health Image Library, Centers for Disease Control and Prevention; page 205, © 2008 Jim West/The Image Works; page 255, Public Health Image Library, Centers for Disease Control and Prevention; page 289, AP Photo/Los Angeles County Dept. of Public Health, Rene Macura; page 307, Fred Weissman; page 339, AP Photo/ Sayyid Azim.

Copyright © 2010 by Eva I. Doyle, Susan E. Ward, and Jody Oomen-Early

10-digit ISBN 1-57766-610-0 13-digit ISBN 978-1-57766-610-3

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted in any form or by any means without permission in writing from the publisher.

Printed in the United States of America

7 6 5 4 3 2

We dedicate this book to our families and students. You are our source of encouragement and inspiration.

Preface

This textbook provides an introductory overview of information, perspectives, and competencies needed to effectively promote health and quality of life in community health education and health promotion, public health, and health-care settings. Our discussion in chapter 1 about emerging professional paradigms in these health professions and the powerful impact of boundary-crossing partnerships across disciplines is indicative of our philosophy and intended audience for this book. We invite all who are interested in the health and quality of life of individuals and whole communities to engage in the experiential learning approach that lies at the heart of this textbook.

A Recommended Learning Perspective

This book was written by three individuals who view learning as a journey rather than a destination. In fact, we confess that we actually *enjoy* the learning process. This is probably because life experience has taught us that change is inevitable and constant, and that we all learn through this ongoing change process whether we like it or not. We use the word "enjoy" loosely because experiences in which true learning occurs are often as demanding and exhausting as they are exhilarating. That is the experience we wish for our readers. We are by no means implying that merely reading this book will demand, exhaust, and exhilarate. We are, however, suggesting that its application in the real world of community health promotion can contribute to your lifelong learning experience in ways that can be significant and worth the effort.

We invite you to view this book as more than a required reading assignment in a college course. If you only read it to memorize facts to regurgitate on an exam, you will have missed its intent. Instead, we encourage you to think of it as a tool for action. Because people learn by doing (more so than by reading, listening, or taking notes), we encourage you to consider the following recommendations as you read this book.

- 1. Ask "so what?" When you read a passage, ask yourself why you would need to know that information. Think about how that knowledge or developed skill could be of value to you in your current or future practice as a health professional. There is a rationale and intended use for each chapter section. Reading with the intention of discovering this practical use can enhance your learning and application.
- 2. **Seek second opinions.** Don't just take our word for it. Though we have worked to present accurate and current information and to discuss issues from differing viewpoints, we encourage you to further explore alternative perspectives.

- Learning from varying perspectives can broaden and enrich your understanding of the profession.
- 3. Apply it and customize it. Test the textbook information and recommended approaches in the real world at every opportunity. (See "Textbook Highlights" for suggestions.) Your real-world experimentation will breathe life into your learning experience and will help you master the ability to adapt textbook content for a variety of situations and uses.

About Professional Competencies

Chapter 1 contains a brief description of emerging professional paradigms and a rationale for forging boundary-crossing partnerships across health disciplines. The chapter also contains brief descriptions of some core knowledge and competency frameworks for public health and health education, as well as a *For Your Information* box (FYI 1.1) of suggested textbook readings that are associated with the current *seven areas of responsibility* of an entry-level certified health education specialist (CHES). These competency frameworks evolve as part of the natural growth and adaptation of a profession to an ever-changing world. We urge you to become actively involved in professional organizations, seek and maintain professional certification, and remain abreast of these evolving frameworks throughout your professional career.

Textbook Highlights

Each chapter of this textbook is designed to engage you in thought, discussion, and action. Where possible, we use examples about real people, illustrations that relate to common elements of life, practical questions, a conversational tone, and even a little humor to engage you in a personal way. We also include special features to help you explore ideas, test recommended approaches, and develop knowledge and competencies that will inform your health promotion efforts. We highlight these features below and provide more in-depth information for the course instructor in an accompanying Instructor's Guide.

For Your Information

Every chapter contains For Your Information (FYI) boxed features that provide nutshell descriptions, how-to guidelines, checklists, and examples that complement and expand on chapter content. In some cases, the FYI material serves as a prompt for or example of information you can use in a course project (see "Course Project") or as a self-directed learning activity.

For Your Application

You will find the *For Your Application* (FYA) feature at the end of each chapter. The FYAs contain instructions for recommended activities that can be undertaken on your own if they haven't already been assigned by the instructor. Some FYA activities can occur totally within the confines of a classroom. Others may require you to visit a local neighborhood or community organization for a stronger real-world experience. Moreover, some FYA activities can reinforce your work on a course project if one is assigned (see "Course Project") or further develop your professional résumé or portfo-

lio. In all cases, FYA activities are designed to engage you in discussion and application of the knowledge and competencies described in that chapter.

Course Project

One of the most basic responsibilities for those working in community health is to assess the actual and perceived needs of communities. Therefore, the major project for this course is a *Community Assessment* (see Appendix B). Steps in the assessment process are outlined succinctly in chapter 6. You will find that many of the FYA activities throughout each chapter are components of this project. A Project Guide is included in Appendix B.

Web Resources

The Web Resources in Appendix A are a useful tool as you seek additional information and expand your knowledge about a variety of health-related organizations and information sources. Your course instructor has access to a Web Link file that allows direct linkage to the Web site(s) if you are online.

Learning Objectives and Review Questions

The learning objectives at the beginning of each chapter and the review questions at the end will help you highlight and organize your reading and notes around targeted learning concepts. The chapter content that addresses each objective/question not only provides key definitions and concepts but is designed to help you understand those concepts as they are applied in real-world settings.

To the Instructor

We believe the accompanying Instructor's Guide CD will be a valuable resource as you design and teach your course. It offers a wealth of materials and the flexibility to adapt them to various teaching styles and preferences. On the CD you will find an overview of the changes between the first and second editions; teaching tips linked to specific features of this text; a test bank and answer key; chapter-specific PowerPoints; Web Links; and a Professional Portfolio Guide, Project Guide, and Resource Inventory in formats that allow you to adapt them to your course needs.

Acknowledgments

The concept that "it takes a village" could be applied to this project. We thank the multitude of students whose input identified the need for and shaped the content of this book. We also thank a variety of colleagues whose encouragement and honest critique helped us reach our goal. We would like to especially acknowledge the assistance of Dr. Ashley Walker and Ms. Ivory Johnson, who helped us organize some of the PowerPoints for the Instructor's Guide; Jessica Hartman, who helped us update our Web Resources; and Teoman Alemdar, a gifted photographer who allowed us to use his beautiful images from around the world. We also extend our gratitude to those instructors and students who have used our text and have sent us feedback. We welcome comments, suggestions, and personal stories about applying these concepts in the field; your insights will help us keep future editions of this textbook current and meaningful.

Contents

Preface xiii

Part I Health and Community Perspectives 1

I	Health and Quality of Life	3
	Health and Quality of Life 4 Common Viewpoints about Health 5 Evolving Professional Concepts 5	
	Personal Wellness, Quality of Life, and Broad Social Issues 9 Immediate Factors of Influence 10 Social Issues and Global Influences 11	
	Emerging Professional Perspectives 14 Health Care and Public Health Paradigms 14 Health Education and Health Promotion Paradigms 16 Crossing Boundaries to Common Ground 19	
	In Conclusion 20	
	Review Questions 20 For Your Application 21	
2	Community and Cultural Concepts	23
	•	
	Healthy People in Healthy Communities 24 Healthy Individuals 25 Healthy Communities 26	
	Healthy Individuals 25	
	Healthy Individuals 25 Healthy Communities 26 Community Structure and Capacity 27 People in Communities 27 Cultural Connections 29 Community Environments 29	

	Community Health Partnerships and Settings 36 The Healthy People Framework 37 School Setting 37 Work Setting 39 Health Care Setting 40 Community Setting 41	
	In Conclusion 45	
	Review Questions 45 For Your Application 46	
3	Epidemiological Considerations	47
	The Epidemiological Approach in the Community 48 Mortality 49 Morbidity 51 Life Expectancy 51	
	Sources of Data 54 Primary Sources 54 Secondary Sources 57	
	Prevention 59 Primary Prevention 60 Secondary Prevention 60 Tertiary Prevention 60	
	Infectious Disease 60 Agent 61 Host 61 Environment 64 Mode of Transmission 65 Noteworthy Infectious Diseases 66	
	Noninfectious Disease 67 Heart Disease 68 Cancer 68 Diabetes 68	
	In Conclusion 70	
	Review Questions 71 For Your Application 71	
1	Special Populations	73
	The Face of America 74	
	Health Through the Life Span 76 Infant and Maternal Health 76 Child Health 79 Adolescent and Young Adult Health 81	
	Adult Health in the Middle Years 86 Older Adult Health 87	

Health Factors in Ethnic Communities 88 Hispanic and Latino Americans 91 Black Americans 93 Asian Americans 95	
American Indians and Alaska Natives 97 White Americans 98	
In Conclusion 99	
Review Questions 100 For Your Application 100	
Territ Questions 100 = 101 Zem 12ppromiss	
Theory-Based Approaches	101
Importance of Theory to Health Education 102 The Story 102 The Meaning 104	
Commonly Used Theories in Health Education 105 Health Belief Model 106 Theory of Planned Behavior 108 Transtheoretical Model 109 Precaution Adoption Process Model 111 Social Cognitive Theory 113 PEN-3 114 PRECEDE/PROCEED Model 116	
Selecting the Appropriate Theory 120 Health-Related Behaviors 120 The Participant 121 The Environment 122	
In Conclusion 123	
Review Questions 123 For Your Application 123	
Part II The Process of Health Programming 125	
Needs and Capacity Assessment	127
Needs-Assessment Concepts and Definitions 128 Actual and Perceived Needs 129 Why Both Are Important 129	
What Type of Information Should You Collect? 129 Collecting Secondary Data 130 Collecting Primary Data 130	
The Four Phases of Community Need Assessment 130	
Phase I: Gather Preliminary Data and Generate Assessment Questions 131 Step 1: Gather Basic Community Information 131 Step 2: Observe and Take Notes 132 Step 3: Talk to People 133	

5

	Phase II: Collect Community Data 134 Step 4: Assemble Secondary Data 134 Step 5: Gather Primary Data 135 Step 6: Identify Gaps in Your Knowledge 141 Phase III: Analyze Data and Interpret Results 141 Step 7: Analyze the Data 141 Step 8: Compare Perceived and Actual Needs 141 Step 9: Compare Your Community to Others 142 Phase IV: Prioritize Needs, Identify Assets, and Make Recommendations 142 Step 10: Prioritize Needs 143 Step 11: Validate Prioritized Needs 143 Step 12: Create a Community Asset Inventory or Map 144 Step 13: Report Findings and Make Recommendations 145 Using a Theoretical Lens to Assess Community Needs 146	
	Applying PRECEDE to Community Needs Assessment 147 In Conclusion 149	
	Review Questions 150 For Your Application 150	
	Review Questions 150	
7	Planning Processes for Evidence-Based Programs	153
	Planning Concepts and Strategies 154 Planning Benefits and Characteristics 154 A Model-Based Approach to Planning 155 A Proposal Framework for the Planning Process 156 Planning Steps 158 Step 1: Establish a Shared Vision and Organize Planning Groups 159 Step 2: Assess Needs and Capacities 161 Step 3: Develop a Mission, Goals, and Objectives 162 Step 4: Design the Intervention 170 In Conclusion 177 Review Questions 178 For Your Application 178	
	10, 10m 1ppmamon 170	
8	Implementation Processes Supplementing Funds for the Program 180 Seeking Donations or Sponsors 180 Special Event Fund-Raising 181 Social Marketing 181 Understanding Social Marketing 182 Developing a Marketing Plan 183 Assessing Marketing Effectiveness 187 Other Aspects of Implementation 188 Selecting Staff 188 Training New Employees 189 Facilities 189 The Content 191 Program Logistics 197	179

Creating Materials 200
Language Disorders and Literacy Levels 200
Creating Web Pages 201
Keeping the Program Alive 203
In Conclusion 203
Review Questions 203 For Your Application 204

9 Research and Evaluation

205

What Is Research? 206

The Research Plan/Proposal 206

Determining the Problem to Address 207

Writing Objectives, Research Questions, and Hypotheses 207

Developing a Study Design 209

Community Based Participatory Research 213

Establishing a Budget and Creating a Timeline 213

Selecting Measurement Instruments 214

Data-Collection Strategies 219

Implementation 221

Data Analysis 221

The Research Report 225

Evaluation: A Type of Research 226

Definition 226

Purposes 226

Types of Evaluation 227

Process Evaluation 227

Impact Evaluation 227

Outcome Evaluation 228

The Evaluation Plan 228

Ethics in Research 228

In Conclusion 230

Review Questions 230 For Your Application 230

Part III Communicating Needs and Managing Resources 231

10 Community Health Administration

233

Leadership, Management, and Administration 234 Leadership 234 Management 236 Administration 236

	0	-
X	Conten	tc
Λ	Comten	LO

	Cooperation and Conflict Resolution 238 Promoting Cooperation 238 Conflict Resolution 239 Resolving Differences 240 Community Development 243 Coalitions 243 Partnerships 245	
	The Role of Policy in Administration and Coordination 246 Policy Defined 246 The Process of Policy Development 249	
	In Conclusion 252	
	Review Questions 252 For Your Application 253	
11	Communicating Health Information	255
	Effective Communication 256 Communication Defined 258 Accurate Communication 258 Health Communication Model 259 The Communication Effect 262 Persuasive Communication 263 Learning Styles and Information Processing 264 Communication Strategies and Principles 265 Stages of Health Communication 267 General Communication Principles 270 Mediums for Communicating Health Information 272 Writing for Success 273 Speaking for Success 280 Health Literacy 284 In Conclusion 284 Review Questions 286 For Your Application 286	
12	Advocating for Community Health Needs	289
	What Is Advocacy? 290	
	Skills for Successful Advocacy 290	
	Basic Tools of Advocacy 292 Knowledge 292 Coalitions and Partnerships 292 Lobbying 293 Grassroots Activities 293 Modia 204	
	Media 294 Legislative Advocacy 297	

	Survival Skills for Advocacy 298 Accentuate the Positive! 298 Highlight Values and Accomplishments 300 Measure Success Each Step of the Way 302 Frame the Issues 302 Develop a Public Identity 302 Know Your Facts 303 Keep It Simple 303 Be Passionate and Persistent 303 Be Prepared to Compromise 303 Capitalize on Opportunity 304 Stay the Course 304 Look for the Good in Others 304 Keep Focused on the Goal 304 Make Issues Local and Relevant 305 Find Common Ground and Generate a Large Support Base 305	
	Tie Your Advocacy Group's Efforts to Related Events 305 In Conclusion 305	
	Review Questions 306 For Your Application 306	
	Territoria Solo	
13	Resource Access and Management	307
	What Is a Resource Person? 308	
	People as Resources 309 Health and Allied Health Professionals 309 Volunteers 312 Consultants 314 Networking 318	
	Computers as Resources 319 The World Wide Web 319 Search Tools 320 Online Databases for Professional Literature 322 Web 2.0 Technology 323 Analyzing Computer Resources 326	
	Organizations as Resources 330 Voluntary Health Organizations 330 Government Agencies 331 Organizations That Impact Health Care Delivery 333	
	In Conclusion 335	
	Review Questions 336 ■ For Your Application 336	
14	Future Trends in the Global Community	339
	Global Health and Quality of Life 340 Global Health Concepts 341 Quality of Life on a Global Scale 341	

xii Contents

References 389 Index 409

Trends in the Global Community 342 Trend #1: World Population Continues to Grow 342 Trend #2: People Are Living Longer 344 Trends in the Global Burden of Disease 347 Trend #3: Infectious Diseases Are Making a Comeback 348 Trend #4: Chronic Diseases Are Leading Killers across the Globe 350 Trends in Global Capacity 350 Trend #5: Technology Is Impacting Poverty and Disease 352 Trend #6: The World Is Becoming Greener 352 Trend #7: Poverty Is a Pivotal Factor 353 Trend #8: Escalating Global Violence Is Leading to Greater Rates of Death and Poverty 354 Trends in the Global Health System 355 Trend #9: The Health Worker Shortage Is Increasing 355 Trend #10: Global Health Promotion Is the New Horizon 356 In Conclusion 358 Review Questions 359 For Your Application 360 Appendix A: Web Resources 361 Appendix B: Community Assessment Project Guide 371 Appendix C: Community Health Professional Portfolio Guide: (E-portfolios and Hard Copy) 374 Appendix D: Creating a Resource Inventory for Community Health 376 Appendix E: Organizational Charts 378 Appendix F: Code of Ethics for the Health Education Profession 384

PART I

Health and Community Perspectives