

CONTENTS

PART 1 Perspectives in Health Care and Population-Centered Nursing

1 Population-Focused Practice: The Foundation of Specialization in Public Health Nursing, 3

Carolyn Antonides Williams

Public Health Practice: The Foundation for Healthy Populations and Communities, 5

Definitions in Public Health, 7

Public Health Core Functions, 7

Core Competencies of Public Health

Professionals, 9

National Public Health Performance Standards Program, 9

Public Health Nursing as a Field of Practice: An Area of Specialization, 9

Educational Preparation for Public Health Nursing, 11

Population-Focused Practice Versus Practice Focused on Individuals, 11

Public Health Nursing Specialists and Core Public Health Functions: Selected Examples, 12

Public Health Nursing and Community Health Nursing Versus Community-Based Nursing, 15

Roles in Public Health Nursing, 17

Challenges for the Future, 18

Barriers to Specializing in Public Health Nursing, 18

Developing Population-Focused Nurse Leaders, 18

Shifting Public Policy Toward Creating Conditions for a Healthy Population, 19

2 History of Public Health and Public and Community Health Nursing, 22

Janna Dieckmann

Change and Continuity, 23

Public Health During America's Colonial Period and the New Republic, 23

Nightingale and the Origins of Trained Nursing, 25

America Needs Trained Nurses, 26

School Nursing in America, 28

The Profession Comes of Age, 29

Public Health Nursing in Official Health Agencies and in World War I, 29

Paying the Bill for Public Health Nurses, 30

African-American Nurses in Public Health Nursing, 30

Between the Two World Wars: Economic Depression and the Rise of Hospitals, 31

Increasing Federal Action for the Public's Health, 32

World War II: Extension and Retrenchment in Public Health Nursing, 33

The Rise of Chronic Illness, 34

Declining Financial Support for Practice and Professional Organizations, 35

Professional Nursing Education for Public Health Nursing, 36

New Resources and New Communities: The 1960s and Nursing, 36

Community Organization and Professional Change, 36

Public Health Nursing from the 1970s to the Present, 38

Public Health Nursing Today, 41

3 Public Health and Primary Health Care Systems and Health Care Transformation, 44

Bonnie Jerome-D'Emilia

Current Health Care System in the United States, 45

Cost, 45

Access, 46

Quality, 49

Trends Affecting the Health Care System, 50

Demographics, 50

Technology, 51

Global Influences, 52

Organization of the Health Care System, 53

Primary Health Care System, 53

Primary Care, 54

Public Health System, 56

The Federal System, 56

The State System, 58

The Local System, 59

Transformation of the Health Care System:

What Does the Future Hold? 60

CONTENTS

4 Perspectives in Global Health Care, 66

Anita Hunter

Overview and Historical Perspective of Global Health, 67

The Role of Population Health, 72

Primary Health Care, 72

Nursing and Global Health, 73

Major Global Health Organizations, 74

Global Health and Global Development, 77

Health Care Systems, 78

The Netherlands, 78

Japan, 79

Canada, 79

Mexico, 80

The United Kingdom, 80

China, 80

Major Global Health Problems and the Burden of Disease, 81

Communicable Diseases, 82

Diarrheal Disease, 86

Maternal and Women's Health, 87

Nutrition and World Health, 88

Natural and Man-Made Disasters, 89

PART 2 Influences on Health Care Delivery and Population-Centered Nursing

5 Economics of Health Care Delivery, 98

Marcia Stanhope

Public Health and Economics, 100

Principles of Economics, 101

Supply and Demand, 101

Efficiency and Effectiveness, 102

Macroeconomics, 102

Measures of Economic Growth, 103

Economic Analysis Tools, 103

Factors Affecting Resource Allocation in Health Care, 104

The Uninsured, 104

The Poor, 104

Access to Care, 105

Rationing Health Care, 105

Healthy People 2020, 105

Primary Prevention, 105

The Context of the U.S. Health Care System, 106

First Phase, 107

Second Phase, 107

Third Phase, 108

Fourth Phase, 108

Challenges for the Twenty-First Century, 109

Trends in Health Care Spending, 110

Factors Influencing Health Care Costs, 111

Demographics Affecting Health Care, 111

Technology and Intensity, 112

Chronic Illness, 112

Financing of Health Care, 112

Public Support, 114

Public Health, 117

Other Public Support, 117

Private Support, 117

Health Care Payment Systems, 120

Paying Health Care Organizations, 120

Paying Health Care Practitioners, 121

6 Application of Ethics in the Community, 125

Mary Cipriano Silva, Jeanne Merkle Sorrell, and

James J. Fletcher

History, 126

Ethical Decision Making, 127

Ethics, 129

Definition, Theories, Principles, 129

Virtue Ethics, 131

Caring and the Ethic of Care, 131

Feminist Ethics, 132

Ethics and the Core Functions of Population-Centered Nursing Practice, 133

Assessment, 133

Policy Development, 133

Assurance, 133

Nursing Code of Ethics, 134

Public Health Code of Ethics, 134

Advocacy and Ethics, 135

Codes and Standards of Practice, 136

Conceptual Framework for Advocacy, 136

Practical Framework for Advocacy, 136

Advocacy and Bioterrorism, 137

Advocacy and Health Care Reform, 137

7 Cultural Diversity in the Community, 141

Cynthia E. Degazon

Immigrant Health Issues, 142

Culture, Race, and Ethnicity, 144

Culture, 144

Race, 145

Ethnicity, 145

Cultural Competence, 145

Developing Cultural Competence, 146

Dimensions of Cultural Competence, 150

Inhibitors to Developing Cultural

- Competence, 152
- Stereotyping, 152
- Prejudice and Racism, 152
- Ethnocentrism, 153
- Cultural Imposition, 154
- Cultural Conflict, 154
- Culture Shock, 154

Cultural Nursing Assessment, 154

Variations Among Cultural Groups, 155

- Communication, 155
- Using an Interpreter, 157
- Space, 157
- Social Organization, 158
- Time, 158
- Environmental Control, 158
- Biological Variations, 158

Culture and Nutrition, 159

Culture and Socioeconomic Status, 160

8 Public Health Policy, 163

Marcia Stanhope

Definitions, 164

Governmental Role in U.S. Health Care, 164

- Trends and Shifts in Governmental Roles, 165*
- Government Health Care Functions, 166*

Healthy People 2020: An Example of National Health Policy Guidance, 168

Organizations and Agencies that Influence Health, 168

- International Organizations, 168*
- Federal Health Agencies, 169*
- Federal Non-Health Agencies, 171*
- State and Local Health Departments, 172*

Impact of Government Health Functions and Structures on Nursing, 172

The Law and Health Care, 172

- Constitutional Law, 173*
- Legislation and Regulation, 173*
- Judicial and Common Law, 173*

Laws Specific to Nursing Practice, 173

- Scope of Practice, 173*
- Professional Negligence, 174*

Legal Issues Affecting Health Care Practices, 174

- School and Family Health, 174*
- Home Care and Hospice, 175*
- Correctional Health, 175*

The Nurse's Role in the Policy Process, 175

- Legislative Action, 176*
- Regulatory Action, 178*
- The Process of Regulation, 178*
- Nursing Advocacy, 179*

PART 3 Conceptual and Scientific Frameworks Applied to Population-Centered Nursing Practice

9 Population-Based Public Health Nursing Practice: The Intervention Wheel, 186

Linda Olson Keller and Sue Strohschein

The Intervention Wheel Origins and Evolution, 188

Assumptions Underlying the Intervention Wheel, 188

Assumption 1: Defining Public Health Nursing Practice, 188

Assumption 2: Public Health Nursing Practice Focuses on Populations, 189

Assumption 3: Public Health Nursing Practice Considers the Determinants of Health, 189

Assumption 4: Public Health Nursing Practice Is Guided by Priorities Identified Through an Assessment of Community Health, 190

Assumption 5: Public Health Nursing Practice Emphasizes Prevention, 190

Assumption 6: Public Health Nurses Intervene at All Levels of Practice, 191

Assumption 7: Public Health Nursing Practice Uses the Nursing Process at All Levels of Practice, 191

Assumption 8: Public Health Nursing Practice Uses a Common Set of Interventions Regardless of Practice Setting, 191

Assumption 9: Public Health Nursing Practice Contributes to the Achievement of the 10 Essential Services, 193

Assumption 10: Public Health Nursing Practice Is Grounded in a Set of Values and Beliefs, 193

Using the Intervention Wheel in Public Health Nursing Practice, 193

Components of the Model, 195

Component 1: The Model Is Population Based, 195

Component 2: The Model Encompasses Three Levels of Practice, 196

Component 3: The Model Identifies and Defines 17 Public Health Interventions, 197

Adoption of the Intervention Wheel in Practice, Education, and Management, 206

Healthy People 2020, 208

Applying the Nursing Process in Public Health Nursing Practice, 208

CONTENTS

Applying the Process at the Individual/Family Level, 208

Community Assessment, 208

Public Health Nursing Process: Assessment of a Family, 209

Public Health Nursing Process: Diagnosis, 210

Public Health Nursing Process: Planning (Including Selection of Interventions), 210

Public Health Nursing Process: Implementation, 210

Public Health Nursing Process: Evaluation, 210

Applying the Public Health Nursing Process at the Community Level of Practice Scenario, 210

Community Assessment (Public Health Nursing Process: Assessment), 211

Community Diagnosis (Public Health Nursing Process: Diagnosis), 211

Community Action Plan: Public Health Nursing Process: Planning (Including Selection of Interventions), 211

Community Implementation Plan (Public Health Nursing Process: Implementation), 211

Community Evaluation (Public Health Nursing Process: Evaluation), 212

Applying the Public Health Nursing Process to a Systems Level of Practice Scenario, 212

Public Health Nursing Process: Assessment, 212

Public Health Nursing Process: Diagnosis, 212

Public Health Nursing Process: Planning (Including Selection of Interventions), 212

Public Health Nursing Process: Implementation, 212

Public Health Nursing Process: Evaluation, 213

10 Environmental Health, 216

Barbara Sattler

Healthy People 2020 Objectives for Environmental Health, 220

Historical Context, 220

Environmental Health Sciences, 221

Toxicology, 221

Epidemiology, 222

Multidisciplinary Approaches, 223

Global Warming/Climate Change, 223

Assessment, 223

Information Sources, 223

Environmental Exposure History, 224

Environmental Health Assessment, 224

Right to Know, 227

Risk Assessment, 228

Assessing Risks in Vulnerable Populations:

Children's Environmental Health, 228

Precautionary Principle, 230

Reducing Environmental Health Risks, 231

Risk Communication, 233

Ethics, 234

Governmental Environmental Protection, 234

Advocacy, 234

Environmental Justice and Environmental Health Disparities, 234

Unique Environmental Health Threats from the Health Care Industry: New Opportunities for Advocacy, 236

Referral Resources, 236

Roles for Nurses in Environmental Health, 236

11 Genomics in Public Health Nursing, 241

Elke Jones Zschaebitz and Jeanette Lancaster

The Human Genome and Its Transforming Effect on Public Health, 242

A Brief History of the Science, 242

DNA and Its Relationship to Genomics and Genetics, 244

The Challenges of Genetic and DNA Testing, 244

Current Issues in Genomics and Genetics, 246

Ethical and Legal Considerations, 246

Personalized Health Care, 247

Genomic Competencies for the Public Health Workforce, 247

Incorporating Genomics and Genetics into Public Health Nursing Practice, 248

Professional Practice Domain: Nursing

Assessment: Applying/Integrating Genetic and Genomic Knowledge, 249

Identification, 249

Referral, 249

Provision of Education, Care, and Support, 249

The Future, 250

12 Epidemiology, 253

DeAnne K. Hilfinger Messias, Robert E. McKeown, and Swann Arp Adams

Definitions of Health and Public Health, 255

Definitions and Descriptions of Epidemiology, 255

Historical Perspectives, 256

Basic Concepts in Epidemiology, 257

Measures of Morbidity and Mortality, 257

Epidemiologic Triangle, Web of Causality, and the Ecologic Model, 264

- Social Epidemiology*, 265
 - Levels of Preventive Interventions*, 265
- Screening**, 268
 - Reliability and Validity*, 269
- Surveillance**, 270
- Core Public Health Functions**, 271
- Basic Methods in Epidemiology**, 271
 - Sources of Data*, 271
 - Rate Adjustment*, 272
 - Comparison Groups*, 272
- Descriptive Epidemiology**, 273
 - Person*, 273
 - Place*, 273
 - Time*, 274
- Analytic Epidemiology**, 275
 - Cohort Studies*, 275
 - Case-Control Studies*, 277
 - Cross-Sectional Studies*, 277
 - Ecologic Studies*, 278
- Experimental Studies**, 278
 - Clinical Trials*, 278
 - Community Trials*, 279
- Causality**, 279
 - Statistical Associations*, 279
 - Bias*, 279
 - Assessing for Causality*, 280
- Applications of Epidemiology in Nursing**, 280
 - Community-Oriented Epidemiology*, 280
 - Popular Epidemiology*, 281
- 13 Infectious Disease Prevention and Control**, 285
 - Francisco S. Sy and Susan C. Long-Marin
 - Historical and Current Perspectives**, 286
 - Transmission of Communicable Diseases**, 288
 - Agent, Host, and Environment*, 288
 - Modes of Transmission*, 290
 - Disease Development*, 290
 - Disease Spectrum*, 290
 - Surveillance of Communicable Diseases**, 290
 - Elements of Surveillance*, 291
 - Surveillance for Agents of Bioterrorism*, 291
 - List of Reportable Diseases*, 291
 - Emerging Infectious Diseases**, 291
 - Emergence Factors*, 291
 - Examples of Emerging Infectious Diseases*, 294
 - Prevention and Control of Communicable Diseases**, 294
 - Primary, Secondary, and Tertiary Prevention*, 296
 - Role of Nurses in Prevention*, 296
 - Multisystem Approach to Control*, 296
- Agents of Bioterrorism**, 297
 - Anthrax*, 297
 - Smallpox*, 298
 - Plague*, 298
 - Tularemia*, 299
- Vaccine-Preventable Diseases**, 299
 - Routine Childhood Immunization Schedule*, 300
 - Measles*, 300
 - Rubella*, 301
 - Pertussis*, 302
 - Influenza*, 302
- Foodborne and Waterborne Diseases**, 304
 - The Role of Safe Food Preparation*, 306
 - Salmonellosis*, 306
 - Enterohemorrhagic Escherichia coli (EHEC or E. coli 0157:H7)*, 306
 - Waterborne Disease Outbreaks and Pathogens*, 307
- Vector-Borne Diseases**, 307
 - Lyme Disease*, 307
 - Rocky Mountain Spotted Fever*, 308
 - Prevention and Control of Tick-Borne Diseases*, 308
- Diseases of Travelers**, 308
 - Malaria*, 308
 - Foodborne and Waterborne Diseases*, 309
 - Diarrheal Diseases*, 309
- Zoonoses**, 309
 - Rabies (Hydrophobia)*, 310
- Parasitic Diseases**, 310
 - Intestinal Parasitic Infections*, 311
 - Parasitic Opportunistic Infections*, 311
 - Control and Prevention of Parasitic Infections*, 312
- Hospital-Acquired Infections**, 312
- Universal Precautions**, 312
- 14 Communicable and Infectious Disease Risks**, 316
 - Patty J. Hale
 - Human Immunodeficiency Virus Infection**, 317
 - Natural History of HIV*, 317
 - Transmission*, 318
 - Epidemiology of HIV/AIDS*, 319
 - HIV Surveillance*, 319
 - HIV Testing*, 320
 - Perinatal and Pediatric HIV Infection*, 320
 - AIDS in the Community*, 321
 - Resources*, 321
 - Sexually Transmitted Diseases**, 321
 - Gonorrhea*, 321
 - Syphilis*, 324

CONTENTS

- Chlamydia*, 324
- Herpes Simplex Virus 2 (Genital Herpes)*, 325
- Human Papillomavirus Infection*, 325
- Hepatitis, 326**
 - Hepatitis A Virus*, 326
 - Hepatitis B Virus*, 327
 - Hepatitis C Virus*, 328
- Tuberculosis, 328**
 - Epidemiology*, 328
 - Diagnosis and Treatment*, 328
- Nurse's Role in Providing Preventive Care for Communicable Diseases, 329**
 - Primary Prevention*, 329
 - Secondary Prevention*, 333
 - Tertiary Prevention*, 334
- 15 Evidence-Based Practice, 338**
 - Marcia Stanhope
 - Definition of Evidence-Based Practice, 339**
 - History of Evidence-Based Practice, 340**
 - Types of Evidence, 341**
 - Factors Leading to Change or Barriers to Evidence-Based Practice, 341**
 - Steps in the Evidence-Based Practice Process, 342**
 - Approaches to Finding Evidence, 343**
 - Approaches to Evaluating Evidence, 344**
 - Approaches to Implementing Evidence-Based Practice, 346**
 - Current Perspectives, 346**
 - Cost Versus Quality*, 346
 - Individual Differences*, 347
 - Appropriate Evidence-Based Practice Methods for Population-Centered Nursing Practice*, 347
 - Healthy People 2020 Objectives, 347**
 - Example of Application of Evidence-Based Practice to Public Health Nursing, 347**
- 16 Using Health Education and Groups to Promote Health, 351**
 - Jeanette Lancaster
 - Healthy People 2020 Objectives for Health Education, 352**
 - Education and Learning, 353**
 - How People Learn, 353**
 - The Nature of Learning*, 353
 - The Educational Process, 354**
 - Identify Educational Needs*, 354
 - Establish Educational Goals and Objectives*, 355
 - Select Appropriate Educational Methods*, 355
 - Skills of the Effective Educator*, 356
 - Developing Effective Health Education Programs*, 357
 - Educational Issues, 357**
 - Population Considerations Based on Age, Cultural and Ethnic Backgrounds*, 357
 - Barriers to Learning*, 359
 - Use of Technology in Health Education*, 361
 - Evaluate the Educational Process*, 362
 - The Educational Product, 362**
 - Evaluation of Health and Behavioral Changes*, 363
 - Short-Term Evaluation*, 363
 - Long-Term Evaluation*, 363
 - Groups As a Tool for Health Education, 363**
 - Group: Definitions and Concepts*, 364
 - Stages of Group Development*, 366
 - Choosing Groups for Health Change*, 367
 - Beginning Interactions*, 369
 - Conflict*, 369
 - Evaluation of Group Progress*, 370
 - Implement the Educational Plan*, 370
- 17 Promoting Healthy Communities Using Multi-level Participatory Strategies, 373**
 - Pamela A. Kulbok and Nisha Botchwey
 - The Ecological Approach to Community Health Promotion, 374**
 - Ecological Perspectives on Population Health*, 375
 - The Social Determinants of Health*, 375
 - An Integrative Model for Community Health Promotion*, 376
 - Historical Perspectives, Definitions, and Methods, 377**
 - Health and Health Promotion*, 377
 - Assessing Health within Health and Illness Frameworks*, 381
 - Community*, 382
 - Interprofessional Application to Nursing and Public Health, 386**
 - Community-Based Participatory Research (CBPR)*, 386
 - Photovoice Method and Projects*, 387
 - Application of the Integrative Model for Community Health Promotion, 388**
 - Infant Mortality*, 388
 - Obesity and the Built Environment*, 390

**PART 4 Issues and Approaches
in Population-Centered
Nursing**

- 18 Community as Client: Assessment and Analysis, 396**
George F. Shuster, III
Community Defined, 397
Community as Client, 398
Community Client and Nursing Practice, 399
Goals and Means of Practice in the Community, 400
Community Health, 400
Healthy People 2020, 401
Community Partnerships, 402
Strategies to Improve Community Health, 405
Community-Focused Nursing Process: An Overview of the Process from Assessment to Evaluation, 406
Community Assessment, 406
Community Nursing Diagnosis, 413
Planning for Community Health, 413
Implementing in the Community, 416
Evaluating Community Health Intervention, 418
Personal Safety in Community Practice, 418
Examples of Tables Describing the Process of a Community Assessment, 419
- 19 Population-Centered Nursing in Rural and Urban Environments, 427**
Angeline Bushy
Historic Overview, 428
Definition of Terms, 428
Rurality: A Subjective Concept, 428
Rural-Urban Continuum, 429
Current Perspectives, 430
Population Characteristics, 430
Health Status of Rural Residents, 431
Rural Health Care Delivery Issues and Barriers to Care, 435
Nursing Care in Rural Environments, 437
Theory, Research, and Practice, 437
Research Needs, 439
Preparing Nurses for Rural Practice Settings, 440
Future Perspectives, 440
Scarce Resources and a Comprehensive Health Care Continuum, 440
Healthy People 2020 National Health Objectives Related to Rural Health, 441

- Building Professional-Community-Client Partnerships in Rural Settings, 442**
Case Management, 442
Community-Oriented Primary Health Care, 443

- 20 Promoting Health Through Healthy Communities and Cities, 447**
Jeanette Lancaster
History of the Healthy Communities and Cities Movement, 448
Definition of Terms, 449
Assumptions About Community Practice, 450
Healthy Communities and Cities in the United States, 450
Healthy Communities and Cities Around the World: Selected Examples, 451
Developing a Healthy Community, 452
Models for Developing a Healthy Community, 455
- 21 The Nursing Center: A Model for Nursing Practice in the Community, 461**
Katherine K. Kinsey and Mary Ellen T. Miller
What Are Nursing Centers? (Also Known as Nurse-Managed Health Centers or Clinics), 462
Overview and Definition, 462
Nursing Models of Care, 463
Types of Nursing Centers, 464
Wellness Centers, 464
Special Care Centers, 465
Comprehensive Primary Health Care Centers, 465
The Foundations of Nursing Center Development, 466
World Health Organization, 467
Healthy People 2020, 467
Community Collaboration, 467
Community Assessment, 468
Multilevel Interventions, 468
Prevention Levels, 469
History Has Paved the Way, 469
The Nursing Center Team, 470
Director: Nurse Executive, 470
Advanced Practice Nurses, 470
Other Staff, 470
Educators and Researchers, 471
Students, 471
Other Members, 471
The Business Side of Nursing Centers: Essential Elements, 471
Start-Up and Sustainability, 471

CONTENTS

- Evidence-Based Practice Model, 474**
 - Health Insurance Portability and Accountability Act (HIPAA), 474*
 - Outcomes and Quality Indicators, 474*
 - Quality Improvement, 476*
 - Technology and Information Systems, 476*
- Education and Research, 476**
 - Program Evaluation, 477*
- Positioning Nursing Centers for the Future, 477**
 - Emerging Health Systems, 477*
 - National and Regional Organizations, 478*
 - Nursing Workforce, 478*
 - Policy Development and Health Advocacy, 478*
 - Today's Nursing, 479*
- 22 Case Management, 483**
 - Ann H. Cary
 - Definitions, 485**
 - Concepts of Case Management, 487**
 - Case Management and the Nursing Process, 488*
 - Characteristics and Roles, 488*
 - Knowledge and Skill Requisites, 488*
 - Tools of Case Managers, 489*
 - Evidence-Based Examples of Case Management, 493**
 - Historical Evidence, 493*
 - Contemporary Evidence, 494*
 - Essential Skills for Case Managers, 495**
 - Advocacy, 495*
 - Conflict Management, 499*
 - Collaboration, 499*
 - Issues in Case Management, 501**
 - Legal Issues, 501*
 - Ethical Issues, 502*
- 23 Public Health Nursing and the Disaster Management Cycle, 507**
 - Susan B. Hassmiller and Sharon A. R. Stanley
 - Defining Disasters, 508**
 - Disaster Facts, 509**
 - Homeland Security: A Health-Focused Overview, 510**
 - Healthy People 2020 Objectives, 511**
 - The Disaster Management Cycle and Nursing Role, 511**
 - Prevention (Mitigation), 512*
 - Preparedness, 512*
 - Response, 518*
 - Recovery, 527*
 - Future of Disaster Management, 528**
- 24 Public Health Surveillance and Outbreak Investigation, 532**
 - Marcia Stanhope
 - Disease Surveillance, 533**
 - Definitions and Importance, 533*
 - Uses of Public Health Surveillance, 534*
 - Purposes of Surveillance, 534*
 - Collaboration Among Partners, 535*
 - Nurse Competencies, 535*
 - Data Sources for Surveillance, 536*
 - Notifiable Diseases, 537**
 - National Notifiable Diseases, 537*
 - State Notifiable Diseases, 538*
 - Case Definitions, 538**
 - Criteria, 538*
 - Case Definition Examples, 539*
 - Types of Surveillance Systems, 539**
 - Passive System, 539*
 - Active System, 539*
 - Sentinel System, 540*
 - Special Systems, 540*
 - The Investigation, 540**
 - Investigation Objectives, 540*
 - Patterns of Occurrence, 541*
 - When to Investigate, 542*
 - Steps in an Investigation, 542*
 - Displaying of Data, 543*
- 25 Program Management, 548**
 - Marcia Stanhope
 - Definitions and Goals, 549**
 - Historical Overview of Health Care Planning and Evaluation, 550**
 - Benefits of Program Planning, 552**
 - Assessment of Need, 552**
 - Community Assessment, 552*
 - Population Needs Assessment, 553*
 - Planning Process, 553**
 - Basic Program Planning Model Using a Population-Level Example, 554*
 - Program Evaluation, 559**
 - Benefits of Program Evaluation, 559*
 - Planning for the Evaluation Process, 560*
 - Evaluation Process, 561*
 - Sources of Program Evaluation, 561*
 - Aspects of Evaluation, 563*
 - Advanced Planning Methods and Evaluation Models, 564**
 - Program Planning Method, 564*
 - Multi-Attribute Utility Technique, 565*
 - Planning Approach to Community Health (PATCH), 565*

Assessment Protocol for Excellence in Public Health (APEXPH), 566
Mobilizing for Action through Planning and Partnership (MAPP), 567
Evaluation Models and Techniques, 568
Cost Studies Applied to Program Management, 569
Cost Accounting, 569
Cost–Benefit, 569
Cost Effectiveness, 569
Cost Efficiency, 570
Program Funding, 570

26 Quality Management, 574
 Marcia Stanhope
Definitions and Goals, 578
Historical Development, 579
Approaches to Quality Improvement, 580
General Approaches, 580
Specific Approaches, 582
TQM/CQI in Community and Public Health Settings, 583
Using Qa/Qi in CQI, 585
Traditional Quality Assurance, 585
Client Satisfaction, 588
Malpractice Litigation, 589
Model CQI Program, 590
Structure, 591
Process, 592
Outcome, 592
Evaluation, Interpretation, and Action, 593
Records, 593
Community and Public Health Agency Records, 594

PART 5 Health Promotion with Target Populations Across the Life Span

27 Family Development and Family Nursing Assessment, 599
 Joanna Rowe Kaakinen and Linda K. Birenbaum
Challenges for Nurses Working with Families in the Community, 601
Definition of Family, 601
Communication Difficulties, 601
Uninsured, Underinsured, and Limited Services, 602
Family Functions and Structures, 602

Family Demographics, 604
Marriage and Cohabitation, 604
Additional Trends in Marriage, 605
Births, 605
Divorce or Dissolution of Cohabitation, 606
Remarriage, 606
Family Health, 606
Four Approaches to Family Nursing, 607
Theories for Working with Families in the Community, 609
Family Systems Theory, 609
Family Developmental and Life Cycle Theory, 610
Bioecological Systems Theory, 611
Working with Families for Healthy Outcomes, 612
Pre-encounter Data Collection, 612
Determine Where to Meet the Family, 612
Making an Appointment with the Family, 613
Planning for Your Own Safety, 613
Interviewing the Family: Defining the Problem, 613
Assessment Instruments, 614
Family Health Literacy, 615
Designing Family Interventions, 616
Evaluation of the Plan, 619
Social and Family Policy Challenges, 619

28 Family Health Risks, 624
 Debra Gay Anderson and Amanda Fallin
Early Approaches to Family Health Risks, 626
Health of Families, 626
Health of the Nation, 626
Concepts in Family Health Risk, 627
Family Health, 627
Health Risk, 628
Health Risk Appraisal, 628
Health Risk Reduction, 628
Family Crisis, 629
Major Family Health Risks and Nursing Interventions, 629
Family Health Risk Appraisal, 629
Nursing Approaches to Family Health Risk Reduction, 637
Home Visits, 637
Contracting with Families, 640
Empowering Families, 641
Community Resources, 642
Telehomecare, 642
Family Policy, 642
Vulnerable Populations, LGBT Families at Risk, 643

CONTENTS

29 Child and Adolescent Health, 647

Cynthia Rubenstein

Status of Children, 648

Poverty Status, 648

Access to Care, 649

Infant Mortality, 650

Risk-Taking Behaviors, 650

Child Development, 651

Growth and Development, 651

Developmental Theories, 651

Developmental Screening, 652

Immunizations, 652

Barriers, 653

Immunization Theory, 653

Recommendations, 653

Contraindications, 654

Legislation, 654

The Built Environment, 654

Obesity, 654

Built Food Environments, 655

Obesity Prevention, 655

Nutrition Assessment, 656

Physical Activity, 656

Schools, 657

Media, 658

Injuries and Accidents, 659

Health Problems of Childhood, 663

Acute Illnesses, 663

Chronic Health Conditions, 663

Environmental Tobacco Smoke, 667

Models for Health Care Delivery to Children and Adolescents, 668

Family-Centered Medical Home, 668

Motivational Interviewing, 668

Interactive Health Communication, 668

Role of the Population-Focused Nurse in Child and Adolescent Health, 669

30 Major Health Issues and Chronic Disease

Management of Adults Across the Life Span, 674

Monty Gross, Linda Hulton, and Sharon Strang

Historical Perspectives on Adult Men and Women's Health, 676

Health Policy and Legislation, 676

Ethical and Legal Issues and Legislation for Older Adults, 677

Environmental Impact, 678

Health Status Indicators, 678

Mortality, 678

Morbidity, 678

Adult Health Concerns, 680

Chronic Disease, 680

Cardiovascular Disease, 681

Hypertension, 681

Stroke, 681

Diabetes, 682

Mental Health, 682

Cancer, 682

STDs/HIV/AIDS, 683

Weight Control, 684

Women's Health Concerns, 685

Reproductive Health, 685

Gestational Diabetes, 685

Menopause, 685

Breast Cancer, 686

Osteoporosis, 686

Men's Health Concerns, 686

Cancers Unique to Men, 688

Depression, 688

Erectile Dysfunction, 688

Health Disparities Among Special Groups of Adults, 689

Adults of Color, 689

Incarcerated Adults, 689

Lesbian/Gay Adults, 689

Adults with Physical and Mental Disabilities, 690

Impoverished and Uninsured Adults, 690

Frail Elderly, 690

Importance of Cultural Competence in Health Disparity, 691

Community-Based Models for Care of Adults, 691

Nursing Roles, 691

Community Care Settings, 691

31 Special Needs Populations, 697

Lynn Wasserbauer

Understanding Disabilities, 698

Models of Disability, 698

Disability Defined, 698

Census Determination of Disability, 698

Social Security Disability, 699

Americans with Disabilities Act, 699

Functional Disability, 700

Additional Definitions, 700

Scope of the Problem, 701

Number of Disabled Americans, 701

Number of Disabled Worldwide, 701

Burden of Chronic Disease, 701

Additional Causes of Disability, 701

Childhood Disability, 701

Mental Illness, 702

The Effects of Disabilities, 702
Effects on the Individual, 703
Effects on the Family, 705
Effects on the Community, 706

Special Populations, 707
Low-Income Populations, 707

Selected Issues, 708
Abuse, 708
Health Promotion, 708

Healthy People 2020 Objectives, 710

Role of the Nurse, 710

Legislation, 711
Basic Rights Under IDEA, 713

PART 6 Vulnerability: Issues for the Twenty-First Century

32 Vulnerability and Vulnerable Populations: An Overview, 718

Juliann G. Sebastian

Perspectives on Vulnerability, 719
Definition and Health Risk, 719
Examples of Vulnerable Groups, 720
Health Disparities, 720
Trends Related to Caring for Vulnerable Populations, 720

Public Policies Affecting Vulnerable Populations, 722
Landmark Legislation, 722

Factors Contributing to Vulnerability, 723
Social Determinants of Health, 723
Health Status, 725

Outcomes of Vulnerability, 725
Poor Health Outcomes and Health Disparities, 726

Nursing Approaches to Care in the Community, 726
Core Functions of Public Health, 726

Assessment Issues, 727
Nursing Conceptual Approaches, 727
Socioeconomic Considerations, 727
Physical Health Issues, 728
Biological Issues, 728
Psychological Issues, 728
Lifestyle Issues, 728
Environmental Issues, 728

Planning and Implementing Care for Vulnerable Populations, 728
Roles of the Nurse, 728
Client Empowerment and Health Education, 729
Levels of Prevention, 729

Strategies for Promoting Healthy Lifestyles, 730
Comprehensive Services, 730
Resources for Vulnerable Populations, 730
Case Management, 731

Evaluation of Nursing Interventions with Vulnerable Populations, 731

33 Poverty and Homelessness, 736

Jeanette Lancaster

Concept of Poverty, 737
How Have People Historically Viewed Those Who Are Poor? 737
Cultural Attitudes and Media Discourses, 738
Defining and Understanding Poverty, 738
Social and Cultural Definitions of Poverty, 739
Political Dimensions, 739
Further Discussion, 740

Poverty and Health: Effects Across the Life Span, 740

Poverty in Women of Childbearing Age, 741
Children and Poverty, 741
Deadbeat Parents, 742
Older Adults and Poverty, 742
The Community and Poverty, 742

Understanding the Concept of Homelessness, 743
Personal Beliefs, Values, and Knowledge, 743
Clients' Perceptions of Homelessness, 743
Homelessness in the United States, 743
Why are People Homeless? 745

Effects of Homelessness on Health, 746
Homelessness and At-Risk Populations, 747
Federal Programs for the Homeless, 748
Levels of Prevention, 748

Role of the Nurse, 749

34 Migrant Health Issues, 754

Marie Napolitano

Migrant Lifestyle, 755
Housing, 756
Health and Health Care, 756
Access to Health Care, 757

Occupational and Environmental Health Problems, 758
Pesticide Exposure, 759

Common Health Problems, 759
Specific Health Problems, 760

Children and Youth, 761

Cultural Considerations in Migrant Health Care, 762
Nurse-Client Relationship, 762
Health Values, 762
Health Beliefs and Practices, 763

CONTENTS

- Health Promotion and Illness Prevention, 763**
Role of the Nurse, 763
- 35 Teen Pregnancy, 768**
Dyan A. Aretakis
- Adolescent Health Care in the United States, 769**
- The Adolescent Client, 770**
- Trends in Adolescent Sexual Behavior, Pregnancy, and Childbearing, 771**
- Background Factors, 772**
Sexual Activity and Use of Birth Control, 772
Peer Pressure and Partner Pressure, 773
Other Factors, 773
- Young Men and Paternity, 774**
- Early Identification of the Pregnant Teen, 775**
- Special Issues in Caring for the Pregnant Teen, 776**
Violence, 777
Initiation of Prenatal Care, 777
Low-Birth-Weight Infants and Preterm Delivery, 777
Nutrition, 778
Infant Care, 779
Repeat Pregnancy, 780
Schooling and Educational Needs, 780
- Teen Pregnancy and the Nurse, 780**
Home-Based Interventions, 780
Community-Based Interventions, 781
- 36 Mental Health Issues, 784**
Anita Thompson-Heisterman
- Scope of Mental Illness in the United States, 785**
Consumer Advocacy, 786
Neurobiology of Mental Illness, 786
- Systems of Community Mental Health Care, 787**
Managed Care, 787
- Evolution of Community Mental Health Care, 788**
Historical Perspectives, 788
Hospital Expansion, Institutionalization, and the Mental Hygiene Movement, 788
Federal Legislation for Mental Health Services, 789
- Deinstitutionalization, 789**
Civil Rights Legislation for Persons with Mental Disorders, 790
Advocacy Efforts, 790
- Conceptual Frameworks for Community Mental Health, 791**
Levels of Prevention, 791
- Role of the Nurse in Community Mental Health, 792**
Clinician, 793
Educator, 793
Coordinator, 793
- Current and Future Perspectives in Mental Health Care, 794**
- National Objectives for Mental Health Services, 795**
Children and Adolescents, 796
Adults, 796
Adults with Serious Mental Illness, 797
Older Adults, 797
Cultural Diversity, 798
- 37 Alcohol, Tobacco, and Other Drug Problems, 804**
Mary Lynn Mathre
- Alcohol, Tobacco, and Other Drug Problems in Perspective, 805**
Historical Overview, 805
Attitudes and Myths, 806
Paradigm Shift, 807
Definitions, 807
- Psychoactive Drugs, 808**
Alcohol, 809
Tobacco, 809
Marijuana, 812
- Predisposing/Contributing Factors, 812**
Set, 812
Setting, 812
Biopsychosocial Model of Addiction, 812
- Primary Prevention and the Role of the Nurse, 813**
Promotion of Healthy Lifestyles and Resiliency Factors, 813
Drug Education, 813
- Secondary Prevention and the Role of the Nurse, 814**
Assessing for Alcohol, Tobacco, and Other Drug Problems, 815
Drug Testing, 816
High-Risk Groups, 816
Codependency and Family Involvement, 819
- Tertiary Prevention and the Role of the Nurse, 819**
Detoxification, 819
Addiction Treatment, 820
Smoking Cessation Programs, 821
Support Groups, 822
Nurse's Role, 822
- Outcomes, 823**

38 Violence and Human Abuse, 828

Kären N. Landenburger and
Jacquelyn C. Campbell

Social and Community Factors Influencing

Violence, 830

Work, 830

Education, 831

Media, 831

Organized Religion, 831

Population, 832

Community Facilities, 832

Violence Against Individuals or Oneself, 832

Homicide, 832

Assault, 833

Rape, 833

Suicide, 835

Family Violence and Abuse, 835

Development of Abusive Patterns, 835

Types of Family Violence, 836

Nursing Interventions, 842

Primary Prevention, 842

Secondary Prevention, 845

*Tertiary Prevention: Therapeutic Intervention
with Abusive Families, 845*

Violence and the Prison Population, 849

**PART 7 Nurse Roles and Functions
in the Community**

**39 The Advanced Practice Nurse
in the Community, 855**

Molly A. Rose and Kellie A. Smith

Historical Perspective, 856

Competencies, 857

Educational Preparation, 858

Credentialing, 858

Advanced Practice Roles, 859

Clinician, 859

Educator, 860

Administrator, 861

Consultant, 861

Researcher, 862

Arenas for Practice, 862

Primary Care, 862

Independent Practice, 862

Institutional Settings, 863

Government, 864

Other Arenas, 865

Issues and Concerns, 865

Legal Status, 865

Reimbursement, 865

Institutional Privileges, 866

Employment and Role Negotiation, 866

Role Stress, 866

Professional Isolation, 866

Liability, 866

Interprofessional Collaborative Practice, 867

Conflicting Expectations, 867

Professional Responsibilities, 867

Trends in Advanced Practice Nursing, 867

40 The Nurse Leader in the Community, 871

Juliann G. Sebastian

Major Trends and Issues, 872

Definitions, 873

Leadership and Management Applied to

Population-Focused Nursing, 874

Goals, 874

Theories of Leadership and Management, 874

Nurse Leader and Manager Roles, 876

Consultation, 876

Goal, 876

Theories of Consultation, 876

Consultation Contract, 877

Nurse Consultant Role, 878

Competencies for Nurse Leaders, 878

Leadership Competencies, 878

Interpersonal Competencies, 881

Power Dynamics and Conflict Resolution, 883

Organizational Competencies, 883

Fiscal Competencies, 884

Analytical and Information Competencies, 885

41 The Nurse in Home Health and Hospice, 889

Karen S. Martin and Kathryn H. Bowles

Evolution of Home Health and Hospice, 891

Description of Practice Models, 892

Population-Focused Home Care, 892

Transitional Care, 893

Home-Based Primary Care, 894

Home Health, 894

Hospice, 895

Scope and Standards of Practice, 896

Omaha System, 896

Description of the Omaha System, 897

Practice Guidelines, 899

Clinical Examples from Practice, 900

Practice Linkages, 902

Outcome and Assessment Information, 902

Medication Management, 903

Infection Prevention, 903

Accountability and Quality Management, 904

Evidence-Based Quality/Performance

Improvement, 904

CONTENTS

- Outcome-Based Quality Improvement, 904*
Accreditation, 904
- Professional Development and Collaboration, 905**
Education, Certification, and Roles, 905
Interprofessional Collaboration, 905
- Legal, Ethical, and Financial Issues, 906**
- Trends and Opportunities, 907**
National Health Objectives, 907
Organizational and Professional Resources, 907
Technology, Informatics, and Telehealth, 908
- 42 The Nurse in the Schools, 913**
Lisa Pedersen Turner
- History of School Nursing, 914**
Federal Legislation in the 1970s, 1980s, 1990s, and 2000s, 915
- Standards of Practice for School Nurses, 915**
- Educational Credentials of School Nurses, 916**
- Roles and Functions of School Nurses, 917**
School Nurse Roles, 917
- School Health Services, 918**
Federal School Health Programs, 918
School Health Policies and Program Study 2006, 919
School-Based Health Programs, 919
- School Nurses and *Healthy People 2020*, 920**
- The Levels of Prevention in Schools, 920**
Primary Prevention in Schools, 920
Secondary Prevention in Schools, 923
Tertiary Prevention in Schools, 926
- Controversies in School Nursing, 930**
- Ethics in School Nursing, 930**
- Future Trends in School Nursing, 930**
- 43 The Nurse in Occupational Health, 934**
Bonnie Rogers
- Definition and Scope of Occupational Health Nursing, 936**
- History and Evolution of Occupational Health Nursing, 936**
- Roles and Professionalism in Occupational Health Nursing, 936**
- Workers as a Population Aggregate, 937**
Characteristics of the Workforce, 939
Characteristics of Work, 940
Work-Health Interactions, 940
- Application of the Epidemiological Model, 941**
Host, 942
Agent, 943
Environment, 946
- Organizational and Public Efforts to Promote Worker Health and Safety, 947**
- On-Site Occupational Health and Safety Programs, 947*
- Nursing Care of Working Populations, 948**
Worker Assessment, 948
Workplace Assessment, 949
- Healthy People 2020* Documents Related to Occupational Health, 952**
- Legislation Related to Occupational Health, 952**
- Disaster Planning and Management, 953**
- 44 Forensic Nursing in the Community, 957**
Susan B. Patton
- Perspectives on Forensics and Forensic Nursing, 958**
- Injury Prevention, 958**
- Healthy People 2020* Goals, Prevention, and Forensic Nursing, 959**
- Forensic Nursing as a Specialty Area that Promotes Care in the Community, 959**
History of Forensic Nursing, 961
Educational Preparation, 961
Theoretical Foundations of Forensic Nursing, 961
Key Concepts in Forensic Nursing, 963
Scope and Standards of Practice, 963
- Current Perspectives, 963**
Evidence-Based Practice and Research, 963
Certification, 964
- Ethical Issues, 964**
- Future Perspectives, 966**
- 45 The Nurse in the Faith Community, 969**
Jean C. Bokinskie
- Definitions in Faith Community Nursing, 970**
- Historical Perspectives, 972**
Faith Communities, 972
Health Care Delivery, 973
Holistic Health Care, 974
- Faith Community Nursing Practice, 974**
Characteristics of the Practice, 974
Scope and Standards of Faith Community Nursing Practice, 977
Educational Preparation for the Faith Community Nurse, 977
Activities of the Faith Community Nurse, 979
Future Growth, 981
- Issues in Faith Community Nursing Practice, 982**
Professional Issues, 982
Ethical Issues, 982
Legal Issues, 983
Financial Issues, 983
- National Health Objectives and Faith Communities, 983**

CONTENTS

46 Public Health Nursing at Local, State, and National Levels, 989

Diane V. Downing

Roles of Local, State, and Federal Public Health Agencies, 990

History and Trends in Public Health, 993
Scope, Standards, and Roles of Public Health

Nursing, 994

Issues and Trends in Public Health Nursing, 996

Models of Public Health Nursing Practice, 997

Education and Knowledge Requirements for Public Health Nurses, 998

National Health Objectives, 999

Functions of Public Health Nurses, 999

Appendixes

A Resource Tools available on EVOLVE, 1006

B Program Planning and Design, 1008

C Herbs and Supplements Used for Children and Adolescents, 1011

D Health Risk Appraisal, 1014

• **D.1: Healthier People Health Risk Appraisal, 1014**

• **D.2: 2011 State and Local Youth Risk Behavior Survey, 1022**

• **D.3: Flu Pandemics, 1030**

• **D.4: Commonly Abused Drugs, 1032**

E Friedman Family Assessment Model (Short Form), 1035

F Individual Assessment Tools, 1037

• **F.1: Instrumental Activities of Daily Living (IADL) Scale, 1037**

• **F.2: Comprehensive Older Persons' Evaluation, 1038**

• **F.3: Comprehensive Occupational and Environmental Health History, 1042**

• **F.4: Motivational Interviewing, 1044**

G Essential Elements of Public Health Nursing, 1045

• **G.1: Examples of Public Health Nursing Roles and Implementing Public Health Functions, 1045**

• **G.2: American Public Health Association Definition of Public Health Nursing, 1052**

• **G.3: American Nurses Association Scope and Standards of Practice for Public Health Nursing, 1053**

• **G.4: The Health Insurance Portability and Accountability Act (HIPAA): What Does It Mean for Public Health Nurses? 1055**