Contents



Preface xvi

1 Shaping Your Health 1

The Millennial Generation 2

Developmental Tasks of Early Adulthood 2 Forming an Initial Adult Identity 2 Establishing Independence 3 Assuming Responsibility 3

Broadening Social Skills 3 Nurturing Intimacy 3 Obtaining Entry-Level Employment and Developing Parenting Skills 3

Developmental Tasks of Middle and Older Adulthood 4

Midlife Developmental Tasks 4 Developmental Tasks of Older Adulthood 5

Roles and Their Reciprocal Relationship to Developmental Tasks 6

Today's College Students 7

Sources of Our Traditional Definitions of Health 7 Episodic Health Care 7 Preventive or Prospective Medicine 8 Health Promotion—Personal and Collective

Empowerment 10 Wellness 10 A Health Care System or a Medical Care System? 12

Federal Programs to Improve the Health of People in the United States 12

Improving Health Through Planned Behavior Change 12

Why Behavior Change Is Often Difficult 12 Transtheoretical Model of Health Behavior Change 13

Today's Health Concerns 14

Health: More Than the Absence of Illness 14

The Multiple Dimensions of Health 14

Physical Dimension 14 Emotional Dimension 15 Social Dimension 15 Intellectual Dimension 15 Spiritual Dimension 16 Occupational Dimension 16 Environmental Dimension 17

A New Definition of Health 17

The Role of Health 17 The Composition of Health 17 Our Definition of Health 17

Taking Charge of Your Health 18

Summary 18

Review Questions 19

Source Notes 19

COMPREHENSIVE HEALTH ASSESSMENT 21

Part One: The Mind 31

2 Achieving Psychological Health 32

Defining Psychological Health 32

Characteristics of Psychologically Healthy People 33

Self-Esteem 34 Emotional Intelligence 34 Personality 35 The Normal Range of Emotions 35 Maslow's Hierarchy of Needs 35 Creative Expression 36 Spiritual Health 37

Keys to Psychological Health 38

Cultivating a Sense of Humor 38 Developing Communication Skills 38 Taking an Optimistic Approach to Life 40 Taking a Proactive Approach to Life 42

Psychological Disorders 42

Mood Disorders 42 Anxiety Disorders 49 Attention Deficit Hyperactivity Disorder (ADHD) 51 Schizophrenia 52

Health Providers Involved in the Treatment

of Psychological Disorders 53 Psychiatrists 54 Psychologists 54 Counselors 54 Social Workers 54

Approaches in Treating Psychological Disorders 54

Dynamic Therapy 55 Humanistic Therapy 55 Behavior Therapy 55 Cognitive-Behavioral Therapy 55 Solution-Focused Therapy 55 Couples and Family Therapy 56 Group Therapy 56

Psychological Health: A Final Thought 56

Taking Charge of Your Health 56

Summary 56

Review Questions 57

Source Notes 57

PERSONAL ASSESSMENT: WHAT IS YOUR EXPLANATORY STYLE? 59

3 Managing Stress 60

What Is Stress? 60

How We Respond to Stress61Fight or Flight Response61Chronic Stress62

The Three Stages of Stress 62 Alarm Stage 63 Resistance Stage 63 Exhaustion Stage 63

The Effects of Stress 65

The Physical Toll of Stress 65 The Immune System and Stress 65 Cardiovascular Disease and Stress 66 Benefits of Stress 67

The Sources of Stress 67

Student Stressors68Interpersonal Stressors68Academic Stressors69

Internal Stressors 71 Job Stressors 72 Environmental Stressors 72

Approaches to Stress Management 73

Physical Aspects of Stress Management73Social Aspects of Stress Management75Environmental Aspects of Stress Management75Psychological Aspects of Stress Management76Cognitive Aspects of Stress Management78

A Realistic Perspective on Stress and Life 81

Taking Charge of Your Health 82 Summary 82 Review Questions 82 Source Notes 83 PERSONAL ASSESSMENT: STUDENT STRESS CHECKLIST 84 PERSONAL ASSESSMENT: AM I A PERFECTIONIST? 86

Part Two: The Body 87

4 Becoming Physically Fit 88

Five Components of Physical Fitness 89

Cardiorespiratory Endurance 90 Muscular Strength and Muscular Endurance 91 Flexibility 92 Body Composition 93

Developing a Personalized Fitness Program 93

Principles of Training 93 Cardiorespiratory Endurance 93 Muscular Fitness 95 Flexibility Training 97 Training Considerations for Body Composition 97 Overtraining 98 The Workout Routine 99

Exercise over the Life Span 99

Children's Physical Activity 99 Exercise and Aging 100 Exercise for "30-Somethings" 100 Exercise for Older Adults 100

Special Health Concerns 102

Low-Back Pain 102 Female Athlete Triad 102 Pregnancy 102 Osteoporosis 103 Osteoarthritis 104

Fitness Questions and Answers 104

Should I See My Doctor Before I Get Started? 104 What Causes a "Runner's High"? 104 What Are Low-Impact Aerobic Activities? 104

Contents V

What Is the Most Effective Way to Replace Fluids During Exercise? 105 What Clothing Should I Wear for Exercise? 105 Where Can I Find Out About Proper Equipment? 105 How Worthwhile Are Commercial Health and Fitness Clubs? 106 What Are Steroids, and Why Do Some Athletes Use Them? 106 **Exercise Injuries** 107

Taking Charge of Your Health 109

Summary 110

Review Questions 111

Source Notes 111

PERSONAL ASSESSMENT: WHAT IS YOUR LEVEL OF FITNESS? 112

Understanding Nutrition 5 and Your Diet 114

Types and Sources of Nutrients 115

Carbohydrates 115 Fats 116 Proteins 119 Vitamins 120 Phytochemicals 122 Minerals 124 Water and Fluids 124 Fiber 124 The Absorption of Nutrients 125

Planning a Healthy Diet 125

The USDA Food Guide: MyPyramid 126 Dietary Guidelines for Americans 2005 130 Additional Eating Plans and Recommendations 133 Vegetarian Diets 135 Nutrition and the Older Adult 136

Special Nutrition Concerns: Challenges and Tools for Consumers 136

Food Labels 136 Fast Foods 137 Functional Foods 140 Dietary Supplements 141 Food Allergies 142

Food Safety 143

Preventing Foodborne Illness 143 Food Irradiation 144 Safe Farming Techniques 145 Organic Foods 146 Food Additives 146 Genetically Modified Foods 146

Taking Charge of Your Health 147

Summary 147

Review Questions 147 Source Notes 148 PERSONAL ASSESSMENT: RATE YOUR PLATE 149 PERSONAL ASSESSMENT: ARE YOU FEEDING YOUR FEELINGS? 150



Maintaining a Healthy 6 Weight 151

Body Weight and Wellness 151

Defining Overweight and Obesity 152 Obesity and Disease 152 Sociocultural Standards for Weight 152 Body Image and Self-Concept 153

Measuring and Assessing Weight and Body **Composition** 153

Body Mass Index 153 Height/Weight Tables 155 Waist and Hip Measurement 156 Appearance 156 Home Scale 157 Body Fat Measurement 157

Causes of Obesity 158

Calorie Balance: Energy Intake Versus Energy Output 158 Genetic Factors 160 Physiological and Hormonal Factors 161 Metabolic Factors 162 Family, Social, and Cultural Factors 163 Environmental Factors 164 Psychological Factors 164

Weight-Management Strategies 165

Lifestyle Approaches for Lifetime Healthy Weight Management 165 Specific Dietary Approaches 168 Weight Loss Drugs 170 Surgical Interventions 172 Approaches for Weight Gain 174

Eating Disorders 175 Anorexia Nervosa 176 Bulimia Nervosa 178 Binge Eating Disorder 179 Chewing and Spitting Out Food Syndrome 179 Night Eating Syndrome 179 Body Dysmorphic Disorder 179 Bigorexia 180 Treating Eating Disorders 180

A Final Thought About Health and Weight Management 180

Taking Charge of Your Health 180

Summary 181

Review Questions 181

Source Notes 181

PERSONAL ASSESSMENT: DO YOU EAT MINDLESSLY OR MINDFULLY? 183

PERSONAL ASSESSMENT: BODY LOVE OR BODY HATE? 184

Part Three: Preventing Drug Abuse and Dependence 185

7 Making Decisions About Drug Use 186

Addictive Behavior 187 The Process of Addiction 187 Codependence 188

Basic Drug Terminology and Concepts 188

Actions of Drugs on the Central Nervous System 188 Routes of Administration 189 Drug Misuse and Abuse 189 Dependence 190

Dynamics of Drug Abuse 192 Individual Factors 192 Environmental Factors 192 Societal Factors 192

Drug Classifications 194

Stimulants 194 Depressants 198 Hallucinogens 199 Cannabis 201 Narcotics 202 Inhalants 203 Combination Drug Effects 203

Society's Response to Drug Use 204 Prevention: The Best Solution 204 Drug Testing 206 Treatment and Intervention 206 Taking Charge of Your Health 208 Summary 208 Review Questions 208

Source Notes 209

PERSONAL ASSESSMENT: RISK ASSESSMENT FOR MARIJUANA DEPENDENCE OR ABUSE 210 PERSONAL ASSESSMENT: GETTING A DRUG-FREE

HIGH 211

8 Taking Control of Alcohol Use 212

Alcohol and Its Immediate Effects on the Body 212

The Nature of Alcoholic Beverages 213 Physiological Effects of Alcohol Consumption 213 Alcohol Poisoning 215 Alcohol's Interaction with Other Drugs 216

Patterns of Alcohol Use 216

Reasons People Choose to Drink 216 How Much Do People Drink? 216 Who Drinks? 217 College Drinking 218

Alcohol and Wellness 219 Alcohol-Related Medical Problems 219 Alcohol-Related Psychological Problems 221 Alcohol-Related Social Problems 222 Alcohol-Related Legal Problems 224 Alcohol-Related Family and Relationship Problems 224

Responsible Use of Alcohol 226

Responsible Drinking 226 Hosting a Party Responsibly 226 Organizations That Support Responsible Drinking 227 Alcohol Advertising 228 Alcohol Prevention Messages 228

Treatment for Alcohol Problems 229 Helping the Alcoholic: Rehabilitation

and Recovery 230 Medical Treatment for Alcoholism 231

Taking Charge of Your Health 231

Summary 232

Review Questions 232

Source Notes 232

PERSONAL ASSESSMENT: HOW DO YOU USE ALCOHOLIC BEVERAGES? 234

PERSONAL ASSESSMENT: DOES SOMEONE'S DRINKING TROUBLE YOU? 235

9 Rejecting Tobacco Use 236

Tobacco Use in American Society 236

Cigarette Smoking Among College Students 237 Demographic Trends in Smoking 237 Marketing of Tobacco Products 238

Tobacco Use and the Development of Dependence 240

Theories of Nicotine Addiction 242 Acute Effects of Nicotine on Nervous System Function 243 Non–Nervous-System Acute Effects of Nicotine 244 Psychosocial Factors Related to Dependence 244 Preventing Teen Smoking 245 Early Childhood Intervention 245

Tobacco Smoke: The Source of Physiologically Active Compounds 246

Particulate Phase 246 Gaseous Phase 247

Illness, Premature Death, and Tobacco Use 248 Cardiovascular Disease 248 Cancer 250 Chronic Obstructive Lung Disease 252 Smoking and Body Weight 252

Additional Health Concerns 252 Combining Tobacco and Alcohol Use 253

Risks from Specific Tobacco Products 253

Nonmanufactured Forms of Cigarettes 253 Mentholated Cigarettes 253 Pipe and Cigar Smoking 254 Smokeless Tobacco Use 255 New Product Development 255 Nontobacco Sources of Nicotine 256

Smoking and Reproduction 257 Infertility 257

Problem Pregnancy 257 Breast-Feeding 258 Neonatal Health Problems 258

Involuntary (Passive) Smoking 258 Health Risks of Passive Smoking 258

The Cost of Smoking 259

 Stopping What You Started 259
 Smoking Cessation Programs 261
 Medically Managed Smoking Cessation 262
 Prescription Medications Based on Nicotine Receptor Inhibitors 264
 Anti-Smoking Vaccines 264

Tobacco Use: A Question of Rights 265

Taking Charge of Your Health 265 Summary 265 Review Questions 266

Source Notes 266

PERSONAL ASSESSMENT: A SIMPLE DEPENDENCY TEST: YOUR RELATIONSHIP WITH CIGARETTES 268



Part Four: Preventing Diseases 269

10 Enhancing Your Cardiovascular Health 270

Normal Cardiovascular Function 271 The Vascular System 271 The Heart 272 Blood 272

Cardiovascular Disease Risk Factors 273 Risk Factors That Cannot Be Changed 273 Risk Factors That Can Be Changed 273 Metabolic Syndrome 277 Another Risk Factor That Contributes to Heart Disease: Individual Response to Stress 277

Forms of Cardiovascular Disease 278 Coronary Heart Disease 279 Hypertension 284 Stroke 286 Other Cardiovascular Diseases 288

Preventing Cardiovascular Disease 290

Taking Charge of Your Health 290

Summary 290

Review Questions 291

Source Notes 291

PERSONAL ASSESSMENT: WHAT IS YOUR RISK FOR HEART DISEASE? 292

11 Living with Cancer 294

Cancer: A Problem of Cell Regulation 296 Cell Regulation 296 Oncogene Formation 296 The Cancerous Cell 297

Benign Tumors 298

Types of Cancer 298

Cancer at Selected Sites in the Body 298 Skin Cancer 299 Lung Cancer 303 Colorectal Cancer 306 Breast Cancer 307 Prostate Cancer 311 Testicular Cancer 313 Cervical Cancer 313 Uterine (Endometrial) Cancer 315 Vaginal Cancer 316 Ovarian Cancer 316 Pancreatic Cancer 317 Lymphatic Cancer 318

The Future of Cancer Prevention, Diagnosis, and Treatment 319

Prevention Through Risk Reduction 319 Cancer and a Sense of Well-Being 320

Taking Charge of Your Health 321

Summary 321

Review Questions 321

Source Notes 322

PERSONAL ASSESSMENT: ARE YOU AT RISK FOR SKIN, BREAST, OR CERVICAL CANCER? 323

12 Managing Chronic Conditions 325

Chronic Disease Prevention 326

Genetic/Inherited Conditions 327 Abnormal Number of Sex Chromosomes 327 Inherited Genetic Mutations 328 Sex-Chromosome-Linked Inherited Genetic Mutations 329

Congenital Abnormalities 330 Cleft Palate and Cleft Lip 330 Patent Foramen Ovale (PFO) 331 Scoliosis 331

Metabolic Disorders332Diabetes Mellitus332Hypoglycemia336

Autoimmune/Hypersensitivity Disorders 336 Fibromyalgia 336 Asthma 337 Irritable Bowel Syndrome (IBS) and Inflammatory Bowel Disease (IBD) 339
Systemic Lupus Erythematosus (SLE) 340
Multiple Sclerosis (MS) 341

Degenerative Diseases 342 Parkinson's Disease 343 Alzheimer's Disease (AD) 345

Chronic Conditions and a Sense of Well-Being 347

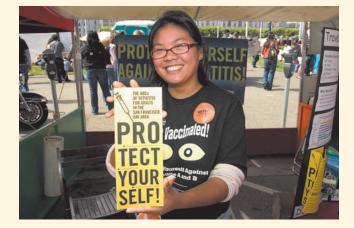
Taking Charge of Your Health 347

Summary 347

Review Questions 348

Source Notes 348

PERSONAL ASSESSMENT: ARE YOU MANAGING YOUR ASTHMA EFFECTIVELY? 350



13 Preventing Infectious Diseases 351

Infectious Disease Transmission 352 Pathogens 352 Chain of Infection 352

Stages of Infection 354

Body Defenses: Mechanical and Cellular-Chemical Immune Systems 355 Divisions of the Immune System 356

The Immune Response 357 Immunizations 358

Causes and Management of Selected Infectious Diseases 360

Nosocomial Infections 360 The Common Cold 361 Seasonal Influenza 363 Avian (Bird) Influenza and Novel H1N1 (Swine) Influenza 364 Tuberculosis 364 Pneumonia 365 Mononucleosis 365 Chronic Fatigue Syndrome 366 Bacterial Meningitis 366 Lyme Disease 367 Hantavirus Pulmonary Syndrome 368 West Nile Virus 368 Tampon-Related Toxic Shock Syndrome 369 Hepatitis 369 AIDS 370

Sexually Transmitted Diseases 376

Chlamydia (Nonspecific Urethritis) 376 Human Papillomavirus 377 Gonorrhea 378 Herpes Simplex 378 Syphilis 380 Pubic Lice 380 Vaginal Infections 381 Cystitis and Urethritis 381 Sexually Transmitted Diseases, Health, Role Fulfillment, and a Sense of Well-Being 382

Taking Charge of Your Health 382

Summary 382

Review Questions 383

Source Notes 383

PERSONAL ASSESSMENT: WHAT IS YOUR RISK OF CONTRACTING A SEXUALLY TRANSMITTED DISEASE? 385

Part Five: Sexuality and Reproduction 386

14 Exploring the Origins of Sexuality 387

Biological Bases of Human Sexuality 387 Genetic Basis 388

Gonadal Basis 388 Structural Development 388 Biological Sexuality and the Childhood Years 388 Puberty 388

Psychosocial Bases of Human Sexuality 388 Gender Identity 389 Gender Preference 389 Gender Adoption 389 Initial Adult Gender Identification 390

Androgyny: Sharing the Pluses 390

Reproductive Systems 391 Male Reproductive System 391 Female Reproductive System 394

Taking Charge of Your Health 401

Summary 401

x Contents

Review Questions 401

Source Notes 402

PERSONAL ASSESSMENT: SEXUAL ATTITUDES: A MATTER OF FEELINGS 403

15 Understanding Sexual Behavior and Relationships 404

The Human Sexual Response Pattern 404

Do the Sexual Responses of Men and Women Have a Predictable Pattern? 405 Is the Sexual Response Pattern Stimuli-Specific? 406 What Differences Occur in the Sexual Response Pattern? 406 What Are the Basic Physiological Mechanisms Underlying the Sexual Response Pattern? 407 What Role Is Played by Specific Organs and Organ Systems in the Sexual Response Pattern? 407 Sexual Orientation 408

Heterosexuality 408 Homosexuality 409 Bisexuality 410

Gender Identity Issues 410

Transsexualism 410 Transgenderism 411 Transvestism 412

Patterns of Sexual Behavior 412

Celibacy 412 Masturbation 412 Fantasy and Erotic Dreams 412 Shared Touching 413 Genital Contact 413 Oral-Genital Stimulation 413 Intercourse 413 Anal Sexual Activity 414 Secondary Virginity 414 Sexuality and Aging 414

Bonds Between People 415

Friendship 415 Dating 415 Online Dating 416 Intimacy 417 Love 417 Qualities of Healthy Relationships 417 Communication in Relationships 418 Recognizing Unhealthy Relationships 418 Ending a Relationship 419

Relationships and Lifestyles 419

Marriage 419 Gay and Lesbian Partnerships 420 Same-Sex Marriage 420 Divorce 421 Singlehood 421 Cohabitation 422 Single Parenthood 422

Taking Charge of Your Health 422

Summary 423

Review Questions 423

Source Notes 423

PERSONAL ASSESSMENT: HOW COMPATIBLE ARE YOU? 424

16 Managing Your Fertility 425

Basic Concepts of Fertility Control 425 Birth Control Versus Contraception 426 Reasons for Choosing to Use Birth Control 426 Theoretical Effectiveness Versus Use Effectiveness 427 Selecting Your Contraceptive Method 428

Behavioral Contraceptive Methods 429 Abstinence 429 Withdrawal 430 Periodic Abstinence 430

Over-the-Counter Contraceptive Methods 432 Spermicides 432 Condoms 433 Contraceptive Sponge 434

Prescription Contraceptive Methods 435

Diaphragm 435 Lea's Shield and FemCap 436 Intrauterine Device (IUD) 436 Oral Contraceptives 437 Injectable Contraceptive 438 Contraceptive Implant 439 Contraceptive Ring 439 Contraceptive Patch 439

Emergency Contraception 440

Permanent Contraceptive Methods 440 Male Sterilization 441 Female Sterilization 441

Abortion 442

First-Trimester Abortion Procedures442Second-Trimester Abortion Procedures443Third-Trimester Abortion Procedures444

A Final Word 444

Taking Charge of Your Health 444

Summary 445

Review Questions 445

Source Notes 445

PERSONAL ASSESSMENT: WHICH BIRTH CONTROL METHOD IS BEST FOR YOU? 446



17 Becoming a Parent 447

Parenting Issues for Couples447Deciding to Become Parents448Becoming a Parent Through a Stepfamily449Parenting Across Cultures449

Pregnancy: An Extension of the Partnership 450 Physiological Obstacles and Aids to

Fertilization 450 Signs of Pregnancy 451 Agents That Can Damage a Fetus 452 Intrauterine Development 452

Childbirth: The Labor of Delivery 454

Stage One: Effacement and Dilation of the Cervix 454
Stage Two: Delivery of the Fetus 455
Stage Three: Delivery of the Placenta 456
Cesarean Deliveries 457

Problems in Fetal Development and Pregnancy457Genetic and Prenatal Counseling457

Testing for Fetal Abnormalities 458 Infertility 459

Causes of Infertility 459 Preventing Infertility 460 Enhancing a Couple's Fertility 460 Treatments for Infertility 460 Options for Infertile Couples 461

What About Human Cloning? 462 Cloning Techniques 462 Reproductive Cloning 462 Therapeutic Cloning 463

Taking Charge of Your Health 463

Summary 463

Review Questions 464

Source Notes 464

PERSONAL ASSESSMENT: HOW DO YOU FEEL ABOUT PARENTING? 465

Part Six: Consumer and Safety Issues 466

18 Becoming an Informed Health Care Consumer 467

Health Information 468 The Informed Consumer 468

Sources of Information 468

Health Care Providers 471

Why We Consult Health Care Providers 472
Physicians and Their Training 474
Communication Between Patients and Their Health Care Providers 475
Complementary, Alternative, and Integrative Care Practitioners 475
Restricted-Practice Health Care Providers 478
Self-Care/Home Care 480

Health Care Facilities 482

Health Care Costs and Reimbursement 483 Health Insurance 484 Medicare 485 Medicaid 486 Health Maintenance Organizations 487 Extended or Long-Term Care Insurance 487 Access to Health Care 487

Health-Related Products 488

Prescription Drugs 488 Research and Development of New Drugs 488 Generic Drugs 489 Over-the-Counter Drugs 490

Health Care Consumer Fraud 491

Becoming a Skilled Health Care Consumer 492

Taking Charge of Your Health 493

Summary 494

Review Questions 494

Source Notes 494

PERSONAL ASSESSMENT: ARE YOU A SKILLED HEALTH CARE CONSUMER? 496

19 Protecting Your Safety 497

Intentional and Unintentional Injuries 499

Intentional Injuries 499

Interpersonal Violence 499 Family Violence 503 Violence in Our Communities 505 Factors That Contribute to Intentional Injuries 507 Identity Theft 507 Terrorism 509

Unintentional Injuries 509

Motor Vehicle Injuries and Safety 509 Residential Injuries and Safety 512 Recreational Injuries and Safety 514

Taking Charge of Your Health 515

Summary 515

Review Questions 515

Source Notes 516

PERSONAL ASSESSMENT: HOW WELL DO YOU PROTECT YOUR SAFETY? 518

20 The Environment and Your Health 520

The Personal Environment: Home, Neighborhood, Workplace 522 Indoor Air Quality 522 Drinking Water 526 Endocrine Disrupters 526 Noise 527 The Community and Regional Environment 528 Air Pollution 528 Water Pollution 531 Land Pollution 533 Loss of Green Space 534 Ionizing Radiation 534

The Global Environment 536 Human Population Explosion 536 Global Climate Change 537 Stratospheric Ozone Depletion 539 Loss of Natural Habitats and Species Extinctions 540

Taking Charge of Your Health 543

Summary 543

Review Questions 543

Source Notes 544

PERSONAL ASSESSMENT: ARE YOU AN ENVIRONMENTALIST? 546

Part Seven: Completing Life's Journey 548

21 Accepting Dying and Death 549

The Experience of Dying549Dying in Today's Society549Definitions of Death550Psychological States of Dying550Near-Death Experiences551

Interacting with Dying People 552 Talking with Children About Death 552

End-of-Life Options and Decisions 553 Hospice Care for the Terminally Ill 553 Euthanasia and Physician-Assisted Suicide 554 Advance Health Care Directives 555 Organ Donation 556

Grief and Coping 558

Grief and the Resolution of Grief 558 Coping with Death from Specific Causes 559 Coping with the Death of a Child 561 Coping with the Death of a Parent, Spouse, or Sibling 562

Rituals of Death 563

Full Funeral Services 563 Memorial Service 564 Disposition of the Body 564 Costs 565

Personal Preparation for Death 566

Taking Charge of Your Health 566

Summary 567

Review Questions 567

Source Notes 567

PERSONAL ASSESSMENT: PLANNING YOUR FUNERAL 568

Appendix: First Aid 569

Glossary 572

Photo Credits 583

Index 585

Boxes in Text



Building Media Literacy Skills

The Internet—Your Health Superstore 4 Television Advertisements for Psychological Medications: Informative or Misleading? 53 Advertisers May Be Selling You Stress 72 Infomercials and Advertisements for Fitness Equipment 107 If You See It, You Will Buy It: The Strategy of Product Placement 132 Mirror, Mirror on the Wall 154 Do Public Service Announcements Make a Difference? 205 Do Alcohol Ads Target Young People—and Does It Matter? 229 Smoking in Film 240 Making Sense of Medical Research News 278 Animal-Based Research on the Causes of Cancer 295 Support Is Just a Click Away 342
From Fear to Hope, and Now Benign Neglect—AIDS in the News 374
Music Video Portrayals of Men and Women 390
How "Real" Are the Relationships Seen on TV Dramas and Soaps? 418
Information Online—Birth Control and Sexuality 430
Which Personal Media Should You Trust for Information on Pregnancy? 450
Researching and Evaluating CAM Practitioners 479
Violence in the Media: Does It Affect Behavior in the Real World? 508
Hype Versus Useful Information 539
Organ Donation: Fact or Fiction? 557

Changing for the Better

Taking the First Step in Fighting Depression 45 Overcoming Homesickness 69 Overcoming Barriers to Being Regularly Active 101 Eating on the Run 142 Weight Management Tips 175 Improving Your Mood Without Drugs 193 Partying 101: How to Party Responsibly 227 Countdown to Quit Day: A Plan for Smoking Cessation 261 Heart Attack Warning Signs 282 Screening Guidelines for the Early Detection of Cancer in Asymptomatic People 301 Self-Examination for Melanoma 304 Breast Self-Examination 310 Testicular Self-Examination 314 A Wellness Plan for Preventing Type 2 Diabetes Mellitus 335 Reducing Your Risk of Contracting HIV 375 Improving Marriage 420 Discussing Birth Control with Your Partner 427 Maximizing the Effectiveness of Condoms 434 Benefits of Successful Breast-Feeding 457 Choosing a Physician and a Hospital 472 Don't Be a Victim of Violent Crime 498 Reducing Your Contribution to Water Pollution 533 Helping the Bereaved 559



Learning from Our Diversity

Back to the Future: Nontraditional-Age Students Enrich the College Experience 8
Cultural Differences in Emotional Expression 33
Different Cultures, Different Ways of Coping 62
A Different Kind of Fitness: Developmentally Disabled Athletes Are Always Winners in the

Disabled Athletes Are Always Winners in the Special Olympics 92

Diverse Food Pyramids 134 Gender, Clothing Sizes, and Body Image Around the World 155 Who Uses Marijuana? 201 Women and Alcohol 226 Smoking Around the World 239 Cardiovascular Disease Is Not Necessarily an Equal Opportunity Disease 275 Breast Cancer: A Rare Diagnosis in Men 308 Lupus—Different in Women and Men? 341 Infectious Diseases: A Challenge for Older Adults 355 No Fear of 50: The New Model for Menopause 400 Challenges for Bisexuals 411 The Male Contraceptive Pill 438 Pregnancy and Parenting After 40 458 Americans with Disabilities Act-New Places to Go 471 Violence Against People with Disabilities 502 Race, Economic Status, and Exposure to Pollution 529 Cultural Differences in Death Rituals 565



Discovering Your Spirituality

How Does Spirituality Affect Your Life? 16 Mindfulness: Time to Pay Attention 37 Harnessing the Spirit: The Saga of Lance Armstrong 91 Mealtime—A Chance to Share and Bond 115 Drugs and Spirituality 199 The Spiritual Component in Alcoholics Anonymous 231 The Hidden Cost of Smoking 260 Getting a Spiritual Lift Through Physical Activity 276 Facing Cancer with Spiritual Support 317 Chronic Illness—The End or a Turning Point? 327 Living with a Chronic Infectious Disease—Life Is Not Over, Just Different 367 Sexuality as a Means of Spiritual Discovery 400 Coming Out—Then What? 410 There's More to Sex Than You Thought 426 Parenthood Expands Personal Growth 448 Good Health—What's It Worth, Now and Later? 481 Aftercare: Attending to the Spiritual Needs of Grieving Family and Friends 563



Considering Complementary Care

What Is Complementary Medicine? 9Can Brain Activity Be Used to Diagnose and Treat Mental Illness? 43Alternatives for Stress Management 75 Evaluating Nutritional Supplements Promoted to Enhance Exercise 109 Is Juice the Next Miracle Drink? 125 Learning to Eat Mindfully 167 Rapid Detox 207 Acupuncture as Treatment for Alcoholism 230 Hypnotism: A Solution for Smokers? 262 Using Chelation Therapy to Treat Coronary Artery Disease 284 Busy Brains Don't Need Special Exercise 346 Fighting the Common Cold 362 The Ultimate Aphrodisiac? 409 Herbal Answers for Fertility Questions 432 Midwifery on the Rise 456 Ayurveda 477 Safety and Health Care Decisions 513 Is Organic Food Good for the Environment? 542 Challenging Death: Unconventional Measures 551



Why Men Die Young 5 Factors That Influence Health and Well-Being 11 A New Problem . . . Internet Addiction 46 The Dos and Don'ts of Suicide Intervention 47 Psychoneuroimmunology: Can Stress Affect Our Immune System? 66 The Fast-Growing Slow Movement 76 What Is Your Goal: Health or Fitness? 89 How to Calculate Your Target Heart Rate 95 Speaking Label-ese 140 Dos and Don'ts for Food Safety 145 The Growing Problem of Obesity 160 Recognizing Anorexia Nervosa and Bulimia Nervosa 177 Energy Drinks 196 Ritalin and Adderall Abuse on College Campuses 198 Alcohol and Older Adults: A Hidden Problem 219 Progressive Stages of Alcohol Dependence 222 Water Pipes (Hookahs) 254 Women and Heart Disease 274 Can Alcohol Be Good for Your Heart? 286 Lung Cancer in Nonsmokers 305 Drastic Measures to Treat and Prevent Breast Cancer 309 When It's Gone, You'll Miss It! 326 Delivering the Very Best Medicine-No Prescription Required 344 Are Americans Too Clean? 352 Female Genital Mutilation 396 Endometriosis 397 Sexual Performance Difficulties and Therapies 408 Resolving Conflict Through Better Communication 416

New President, New Policy 443 Where to Find Help for Infertility and Adoption 461 Dietary Supplements and the Self-Care Movement 492 Modern "Grave Robbing" 493 Twelve Alternatives to Lashing Out at Your Child 505 Cell Phone Safety 511 The High-Tech Revolution and E-Waste 535 Organizations Related to Environmental and Population Control Concerns 542 The Controversy Surrounding the Death of Terri Schiavo 556 The Grieving Process 558