

# Contents

## PART I. HEALTH PSYCHOLOGY IN THE CONTEXT OF MEDICINE AND THEORY

- |   |    |
|---|----|
| 1. The Great Debate on the Contribution of Behavioral Interventions<br>Robert M. Kaplan and Karina W. Davidson        | 3  |
| 2. The Biopsychosocial Model and the Use of Theory in Health Psychology<br>Jerry M. Suls, Tana Luger, and René Martin | 15 |

## PART II. PSYCHOLOGICAL FOUNDATIONS OF HEALTH PSYCHOLOGY

- |  |     |
|--|-----|
| 3. Emotions and Stress<br>William R. Lovallo   | 31  |
| 4. Cognitive and Affective Influences on Health Decisions<br>Angela Fagerlin, Ellen Peters, Alan Schwartz, and Brian J. Zikmund-Fisher   | 49  |
| 5. Specifying the Determinants of People's Health Beliefs and Health Behavior: How a Social Psychological Perspective Can Inform Initiatives to Promote Health<br>Marc T. Kiviniemi and Alexander J. Rothman | 64  |
| 6. Clinical Psychology and Health Psychology: Toward an Integrated Perspective on Health<br>Perry M. Nicassio, Melanie A. Greenberg, and Sarosh J. Motivala  | 84  |
| 7. Contributions of Personality to Health Psychology<br>Howard S. Friedman and Margaret L. Kern  | 102 |
| 8. Anger, Anger Expression, and Health<br>Padmini Iyer, Maya Rom Korin, Laura Higginbotham, and Karina W. Davidson   | 120 |

## Contents

<b>9.</b> Developmental Influences in Understanding Child and Adolescent Health Behaviors Dawn K. Wilson, Sara M. St. George, and Nicole Zarrett	133
<b>10.</b> Adult Development, Aging, and Gerontology Ilene C. Siegler, Karen Hooker, Hayden B. Bosworth, Merrill F. Elias, and Avron Spiro	147
<b>11.</b> Animal Models in Health Psychology Research Daniel A. Nation, Neil Schneiderman, and Philip M. McCabe	163
<b>12.</b> All Roads Lead to Psychoneuroimmunology Christopher L. Coe	182

### **PART III. CONTRIBUTIONS OF OTHER SCIENCES TO HEALTH PSYCHOLOGY**

<b>13.</b> Behavioral Epidemiology Robert M. Kaplan	203
<b>14.</b> Depression and Illness Madeline Li and Gary Rodin	217
<b>15.</b> Self-Direction toward Health: Overriding the Default American Lifestyle John Mirowsky and Catherine E. Ross	235
<b>16.</b> How Genetics Will Change Medicine and Health Psychology Jeanne M. McCaffery	251
<b>17.</b> Nursing Science and Psychological Phenomena Diane Lauver, Rebecca West, and Jean E. Johnson	260
<b>18.</b> Medical Anthropology William W. Dressler	277
<b>19.</b> Health Psychology Meets Health Economics Yaniv Hanoch and Thomas Rice	290
<b>20.</b> The Evidence-Based Movement in Health Psychology Maya Rom Korin, Robert M. Kaplan, and Karina W. Davidson	303

### **PART IV. HEALTH PSYCHOLOGY, PUBLIC HEALTH, AND PREVENTION**

<b>21.</b> Impacts of Being Uninsured Dylan Habeeb Roby	315
<b>22.</b> Health Services Research Alison K. Herrmann	326
<b>23.</b> Primary Care and Prevention JoEllen Patterson, Joseph E. Scherger, and Ann Marie Smith	340
<b>24.</b> Prevention of Coronary Heart Disease Gerdi Weidner and Friederike Kendel	354

## Contents

<b>25. The Role of Behavior in Cancer Prevention</b> Deborah Bowen and Ulrike Boehmer	370
<b>26. Community HIV Preventive Interventions</b> María Luisa Zúñiga, Steffanie A. Strathdee, Estela Blanco, Jose L. Burgos, and Thomas L. Patterson	381
<b>27. The Contribution of Health Psychology to the Advancement of Global Health</b> Brian Oldenburg, Maximilian de Courten, and Emma Frean	397
<b>PART V. HEALTH PSYCHOLOGY AND THE MEDICAL SPECIALTIES</b>	
<b>28. Cardiology</b> Manjunath Harlapur, Dennis Abraham, and Daichi Shimbo	411
<b>29. The Management of Diabetes</b> Ian M. Kronish and Devin Mann	426
<b>30. Sleep Medicine</b> Amy M. Sawyer and Terri E. Weaver	442
<b>31. Psychosocial Interventions for Patients with Cancer</b> Michael A. Diefenbach, Nihal E. Mohamed, Gina Turner, and Catherine S. Diefenbach	462
<b>32. Pain and Painful Syndromes (Including Rheumatoid Arthritis and Fibromyalgia)</b> David A. Williams	476
<b>33. Coping with Chronic Illness</b> Austin S. Baldwin, Quinn D. Kellerman, and Alan J. Christensen	494
<b>34. Managing the Obesity Epidemic</b> Lucy F. Faulconbridge and Thomas A. Wadden	508
<b>35. Pharmacology and Behavior: The Case of Tobacco Dependence</b> Kenneth A. Perkins	527
<b>36. Theory-Based Behavioral Interventions for Smoking Cessation: Efficacy, Processes, and Future Directions</b> Jonathan B. Bricker	544
<b>Author Index</b>	567
<b>Subject Index</b>	593