

Contents

PART I. PROFESSIONAL ISSUES

1. **Historical Developments and Trends in Pediatric Psychology** 3
Brandon S. Aylward and Jennifer L. Lee
2. **Ethical and Legal Issues in Pediatric Psychology** 14
William A. Rae, Donald Brunnuquell, and Jeremy R. Sullivan
3. **Professional Development, Roles, and Practice Patterns** 26
Lisa M. Buckloh and Lisa M. Schilling
4. **Research Design in Pediatric Psychology: The State of Our Science, Recommendations, and Future Considerations** 38
Kristoffer S. Berlin, Bryan T. Karazsia, and Kimberly L. Klages
5. **Training and Competencies in Pediatric Psychology** 56
Tonya M. Palermo, David M. Janicke, Sarah E. Beals-Erickson, and Alyssa M. Fritz
6. **Quality Improvement and Cost-Effectiveness** 67
Meghan E. McGrady, Kristin Loiselle Rich, and Lori E. Crosby

PART II. CROSS-CUTTING ISSUES

7. Culture and Diversity in Research and Practice 81
Daniel L. Clay
8. Evidence-Based Practice in Pediatric Psychology 92
Timothy D. Nelson and Maren Hankey
9. Inpatient Pediatric Consultation-Liaison 105
*Bryan D. Carter, William G. Kronenberger, Eric L. Scott,
Kristin A. Kullgren, Carrie Piazza-Waggoner, and Christine E. Brady*
10. Adherence to Pediatric Treatment Regimens 119
Kevin A. Hommel, Rachelle R. Ramsey, Kristin Loiselle Rich, and Jamie L. Ryan
11. Chronic and Recurrent Pain 134
Emily F. Law, Melanie Noel, Marni Switkin Nagel, and Lynnda M. Dahlquist
12. Management of Pediatric Pain and Distress Due to Medical Procedures 146
*Lindsey L. Cohen, Ronald L. Blount, Jill Chorney, William Zempsky,
Nikita Rodrigues, and Laura Cousins*
13. Pediatric Pharmacology and Psychopharmacology 161
Ronald T. Brown
14. Pediatric Medical Traumatic Stress 179
Anne E. Kazak, Julia Price, and Nancy Kassam-Adams
15. Palliative Care, End of Life, and Bereavement 191
*Cynthia A. Gerhardt, Amy E. Baughcum, Christine Fortney,
and Wendy G. Lichtenthal*
16. eHealth Applications in Pediatric Psychology 201
Christopher C. Cushing
17. Genetics and Genetic Testing 212
Yelena P. Wu and Kenneth P. Tercyak

**PART III. MEDICAL, DEVELOPMENTAL, BEHAVIORAL,
AND COGNITIVE-AFFECTIVE CONDITIONS**

- 18. Pediatric Asthma** 227
Elizabeth L. McQuaid and David A. Fedele
- 19. Advances and Emerging Issues in Cystic Fibrosis** 241
*Alexandra L. Quittner, Ruth Bernstein, Christina J. Nicolais,
and Estefany Saez-Flores*
- 20. The Psychological Context of Diabetes Mellitus in Youth** 256
Tim Wysocki, Lisa M. Buckloh, and Jessica Pierce
- 21. Sickle Cell Disease** 269
Kathleen L. Lemanek, Amy Hahn, and Melissa McNaull
- 22. Pediatric Cancer** 284
Kathryn Vannatta and Christina G. Salley
- 23. Pediatric Traumatic Brain Injury and Spinal Cord Injury** 298
Shari L. Wade, Ashlee K. Bolger, and Brad G. Kurowski
- 24. Spina Bifida** 312
*Grayson N. Holmbeck, Kathy Zebracki, Jaclyn Lennon Papadakis,
and Colleen F. Bechtel Driscoll*
- 25. Epilepsy** 323
Avani C. Modi, Shanna M. Guilfoyle, and Janelle Wagner
- 26. Medical and Psychosocial Aspects of Juvenile Idiopathic Arthritis** 335
Michael A. Rapoff, Carol B. Lindsley, and Cynthia W. Karlson
- 27. Cardiovascular Disease** 349
Cheryl L. Brosig, Erica Sood, and Jennifer L. Butcher
- 28. Organ Transplantation** 364
*Cyd K. Eaton, Ana M. Gutierrez-Colina, Emily M. Fredericks, Jennifer L. Lee,
Bonney Reed-Knight, Laura L. Mee, Julia E. LaMotte, and Ronald L. Blount*

29. Abdominal Pain–Related Gastrointestinal Disorders: Irritable Bowel Syndrome and Inflammatory Bowel Disease	375
<i>Jennifer Verrill Schurman, Michele Herzer Maddux, Jennifer B. Blossom, and Craig A. Friesen</i>	
30. Pediatric Burns	391
<i>Christina L. Duncan, Margo M. Szabo, and Janelle M. Mentrikoski</i>	
31. Feeding and Vomiting Problems in Pediatric Populations	401
<i>Alan H. Silverman and Sally E. Tarbell</i>	
32. Pediatric Obesity	416
<i>Mary Beth McCullough, Lisa Ranzenhofer, E. Whitney Evans, and Elissa Jelalian</i>	
33. Eating Disorders	429
<i>Diana Rancourt and Leah Boepple</i>	
34. Elimination Disorders: Enuresis and Encopresis	442
<i>Jaclyn A. Shepard and Daniel J. Cox</i>	
35. Pediatric Sleep	452
<i>Sarah M. Honaker, Lisa J. Meltzer, and Jodi A. Mindell</i>	
36. Autism Spectrum Disorder and Developmental Disabilities	467
<i>Jonathan M. Campbell, Rachel K. Hammond, and Kirsten A. Scheil</i>	
37. Attention–Deficit/Hyperactivity Disorder in the Pediatric Context	482
<i>Annie A. Garner and Jeffery N. Epstein</i>	
 PART IV. PUBLIC HEALTH ISSUES AND SYSTEMS 	
38. Racial and Ethnic Health Disparities	499
<i>Celia M. Lescano and Guitele J. Rahill</i>	
39. Understanding and Preventing Pediatric Unintentional Injury	509
<i>Barbara A. Morrongiello and David C. Schwebel</i>	

40. Health Promotion in Children and Adolescents: An Integration of the Biopsychosocial Model and Ecological Approaches to Behavior Change <i>Dawn K. Wilson, Sandra M. Coulon, and Lauren E. Huffman</i>	524
41. Prevention: A Multilevel, Biobehavioral, Lifespan Perspective <i>Maureen M. Black</i>	538
42. Pediatric Psychology and Primary Care <i>Terry Stancin, Lynne A. Sturm, William Douglas Tynan, and Lisa Ramirez</i>	550
43. Families and Other Systems in Pediatric Psychology <i>Anne E. Kazak, Melissa A. Alderfer, and Steven K. Reader</i>	566
44. Schools and Reintegration into Schools <i>George J. DuPaul, Thomas J. Power, and Edward S. Shapiro</i>	580
 PART V. SPECIAL TOPICS 	
45. Rural Pediatric Health <i>Lisa M. Clifford, Julia K. Carmody, and David M. Janicke</i>	597
46. International Developments in Pediatric Psychology <i>Annette M. La Greca, Anne E. Kazak, and Sherilynn F. Chan</i>	608
47. Transition in Pediatric Psychology: Adolescents and Young Adults <i>Katie A. Devine, Maureen Monaghan, and Lisa A. Schwartz</i>	620
48. Disorders/Differences of Sex Development <i>Nina Callens, Melissa Gardner, and David E. Sandberg</i>	632
 Author Index	 643
 Subject Index	 667