Contents

List of contributors, ix Foreword, xv Preface, xvii

Part I: Conceptual issues and research approaches

A: Developmental psychopathology

- Development and psychopathology: a life course perspective, 5
 Barbara Maughan and Stephan Collishaw
- 2 Diagnosis, diagnostic formulations, and classification, 17 Michael Rutter and Daniel S. Pine
- 3 Neurodevelopmental disorders, 31 Anita Thapar and Michael Rutter
- Conceptual issues and empirical challenges in the disruptive behavior disorders, 41
 Jonathan Hill and Barbara Maughan
- **5** Emotion, emotion regulation and emotional disorders: conceptual issues for clinicians and neuroscientists, 53 *Argyris Stringaris*
- 6 Attachment: normal development, individual differences, and associations with experience, 65 *Mary Dozier and Kristin Bernard*
- 7 Infant/early years mental health, 79 Tuula Tamminen and Kaija Puura
- 8 Temperament: individual differences in reactivity and regulation as antecedent to personality, 93 *Nathan A. Fox and Olga L. Walker*

B: Neurobiology

- 9 Neurobiological perspectives on developmental psychopathology, 107 *Mark H. Johnson*
- **10** Systems neuroscience, 119 Daniel S. Pine

11 Neuroimaging in child psychiatry, 132 *Kevin Pelphrey, Brent Vander Wyk and Michael Crowley*

C: Epidemiology, interventions and services

- Using natural experiments and animal models to study causal hypotheses in relation to child mental health problems, 145
 Anita Thapar and Michael Rutter
- Using epidemiology to plan, organize, and evaluate services for children and adolescents with mental health problems, 163
 Miranda Wolpert and Tamsin Ford
- **14** Evaluating interventions, 177 *Helena Chmura Kraemer*
- 15 What clinicians need to know about statistical issues and methods, 188 Andrew Pickles and Rachael Bedford
- **16** Global psychiatry, 201 *Atif Rahman and Christian Kieling*
- Prevention of mental disorders and promotion of competence, 215
 Mark T. Greenberg and Nathaniel R. Riggs
- 18 Health economics, 227 Martin Knapp and Sara Evans-Lacko
- 19 Legal issues in the care and treatment of children with mental health problems, 239 *Brenda Hale and Jane Fortin*
- **20** Children's testimony: a scientific framework for evaluating the reliability of children's statements, 250 *Maggie Bruck and Stephen J. Ceci*
- **21** Residential and foster care, 261 Marinus H. van IJzendoorn, Marian J. Bakermans-Kranenburg and Stephen Scott
- **22** Adoption, 273 Nancy J. Cohen and Fataneh Farnia

Part II: Influences on psychopathology

- 23 Biology of environmental effects, 287 Michael Patter and Camilla Azis-Clauson
- 24 Genetics, 303 Matthew W. State and Anita Thapar
- Epigenetics and the developmental origins of vulnerability for mental disorders, 317
 Michael J. Meaney and Kieran J. O'Donnell
- 26 Psychosocial adversity, 330 Jamiler Jenkins, Sheri Madigan and Louise Arseneault
- 27 Resilience: concepts, findings, and clinical implications, 341 Michael Rutter
- 28 Impact of parental psychiatric disorder and physical illness, 352 Alam Stein and Gordon Harold
- 29 Child maltreatment, 364 Andrea Danese and Eamon McCrory
- 30 Child sexual abuse, 376 Damya Glaser
- 31 Brain disorders and psychopathology, 389 Isoled Heyman, David Skuse and Robert Goodman

Part III: Approaching the clinical encounter

A: The clinical assessment

- 32 Clinical assessment and diagnostic formulation, 407 James F. Leckman and Eric Taylor
- 33 Use of structured interviews, rating scales, and observational methods in clinical settings, 419
 Pradence W. Fisher, Erica M. Chin and Hilary B. Vidair
- 34 Psychological assessment in the clinical context, 436 Tony Charman, Jane Hood and Patricia Howlin
- 35 Physical examination and medical investigation, 449 Kenneth E. Towbin

B: Considering and selecting available treatments

- 36 Psychological interventions: overview and critical issues for the field, 463 John R. Weisz, Mei Yi Ng and Nancy Lau
- 37 Parenting programs, 483 Stephen Scott and Frances Gardner
- **38** Cognitive-behavioral therapy, behavioral therapy, and related treatments in children, 496 *Philip C. Kendall, Jeremy S. Peterman and Colleen M. Cummings*

- **39** Family interventions, 510 Ivan Eisler and Judith Lask
- **40** Relationship-based treatments, 521 *Jonathan Green*
- **41** Educational interventions for children's learning difficulties, 533 *Charles Hulme and Monica Melby-Lervåg*
- **42** School-based mental health interventions, 545 *Sally N. Merry and Stephanie Moor*
- **43** Pharmacological, medically-led and related treatments, 559 *Eric Taylor*

C: Contexts of the clinical encounter and specific clinical situations

- **44** Refugee, asylum-seeking and internally displaced children and adolescents, 575 *Mina Fazel, Ruth Reed and Alan Stein*
- **45** Pediatric consultation and psychiatric aspects of somatic disease, 586 *Elizabeth Pinsky, Paula K. Rauch and Annah N. Abrams*
- **46** Mental health and resilience in children and adolescents affected by HIV/AIDS, 599 *Theresa S. Betancourt, David J. Grelotti and Nathan B. Hansen*
- **47** Children with specific sensory impairments, 612 *Naomi Dale and Lindsey Edwards*
- **48** Assessment and treatment in nonspecialist community health care settings, 623 *Tami Kramer and M. Elena Garralda*
- **49** Forensic psychiatry, 636 Susan Young and Richard Church
- **50** Provision of intensive treatment: intensive outreach, day units, and in-patient units, 648 *Anthony James and Anne Worrall-Davies*

Part IV: Clinical syndromes: neurodevelopmental, emotional, behavioral, somatic/body-brain

- A: Neurodevelopmental
- **51** Autism spectrum disorder, 665 Ann Le Couteur and Peter Szatmari
- **52** Disorders of speech, language, and communication, 683 *Courtenay Frazier Norbury and Rhea Paul*
- 53 Disorders of reading, mathematical and motor development, 702 Margaret J. Snowling and Charles Hulme

- **54** Intellectual disability, 719 *Emily Simonoff*
- **55** ADHD and hyperkinetic disorder, 738 *Edmund J.S. Sonuga-Barke and Eric Taylor*
- **56** Tic disorders, 757 *James F. Leckman and Michael H. Bloch*
- **57** Schizophrenia and psychosis, 774 *Chris Hollis and Lena Palaniyappan*

B: Emotional

- 58 Disorders of attachment and social engagement related to deprivation, 795 *Charles H. Zeanah and Anna T. Smyke*
- **59** Post traumatic stress disorder, 806 *William Yule and Patrick Smith*
- **60** Anxiety disorders, 822 Daniel S. Pine and Rachel G. Klein
- **61** Obsessive compulsive disorder, 841 *Judith L. Rapoport and Philip Shaw*
- **62** Bipolar disorder in childhood, 858 *Ellen Leibenluft and Daniel P. Dickstein*
- **63** Depressive disorders in childhood and adolescence, 874 *David Brent and Fadi Maalouf*

64 Suicidal behavior and self-harm, 893 *Keith Hawton, Rory C. O'Connor and Kate E.A. Saunders*

C: Behavioral

- **65** Oppositional and conduct disorders, 913 *Stephen Scott*
- **66** Substance-related and addictive disorders, 931 *Thomas J. Crowley and Joseph T. Sakai*
- **67** Disorders of personality, 950 *Jonathan Hill*
- **68** Developmental risk for psychopathy, 966 Essi Viding and Eamon McCrory

D: Somatic/body-brain

- **69** Gender dysphoria and paraphilic sexual disorders, 983 *Kenneth J. Zucker and Michael C. Seto*
- **70** Sleep interventions: a developmental perspective, 999 *Allison G. Harvey and Eleanor L. McGlinchey*
- **71** Feeding and eating disorders, 1016 *Rachel Bryant-Waugh and Beth Watkins*
- 72 Somatoform and related disorders, 1035 M. Elena Garralda and Charlotte Ulrikka Rask

Index, 1055

Michael Crowley PhD Annuar Preferenc Ciold Indie Center Program for Antery Discolor Antodate Diversity Dendorffic et al Restrictiys Glass (Decations, The Maynairy School of Medicary, New Restrict (2010)

Thomas J. Crowley MI

Professor, Department of Psycholics: Conversity of Colorado Scheol of Medicos America, CCU USA

Colleen M. Cummings PhD

Camping Permanent and Camping Proceedings, Comparent effective and property of the proceeding of th

Naomi Dale MA, PhD, CPsychol

Differenten Oferlant Hytelsslaget, blost of Piperology (Senrodensbeley, Th Withon Remodiateling Service, Grant Criment Simer Respired (1985) Remoteling Trust, Leader, UK

Andrea Danese MD PhD

(Clinical Status Lecture and Corporation), Child and Addingonal Physicates, Institute of Paysbury, Psychology & General-Ring's Chilege Jonaton (London, UK)

National and Specialist Clinic for fabilit Travensic Starse real databay less Starse Leindre and Mandeles NHS Proceedings Trave. London, 187

