

# Contents

Notes on Contributors	xi
<b>INTRODUCTION</b>	<b>1</b>
<i>Gavin Reid, Frank Manis, Angela J. Fawcett and Linda S. Siegel</i>	
<b>PART I NEUROLOGICAL/GENETIC PERSPECTIVES</b>	<b>9</b>
1. The Origin of Dyslexia: The Asynchrony Phenomenon	11
<i>Zvia Breznitz</i>	
2. Some Special Issues Concerning the Genetics of Dyslexia: Revisiting Multivariate Profiles, Comorbidities and Genetic Correlations	30
<i>Jeffrey W. Gilger</i>	
3. The Neurobiological Basis of Dyslexia	53
<i>John Stein</i>	
4. Dyslexia and the Cerebellum	77
<i>Angela J. Fawcett and Roderick I. Nicolson</i>	
5. Familial Predictors of Dyslexia: Evidence From Preschool Children With and Without Familial Dyslexia Risk	99
<i>Dennis L. Molfese, Victoria J. Molfese, Maria E. Barnes, Chris G. Warren and Peter J. Molfese</i>	
6. Early Identification and Prevention of Dyslexia: Results From a Prospective Follow-up Study of Children at Familial Risk for Dyslexia	121
<i>Heikki Lyytinen with Jane Erskine, Timo Ahonen, Mikko Aro, Kenneth Eklund, Tomi Guttorm, Sini Hintikka, Jarmo Hämäläinen, Ritva Ketonen, Marja-Leena Laakso, Paavo H.T. Leppänen, Paula Lyytinen, Anna-Maija Poikkeus, Anne Puolakanaho, Ulla Richardson, Paula Salmi, Asko Tolvanen, Minna Torppa and Helena Viholainen</i>	

<b>PART II COGNITIVE AND LEARNING PERSPECTIVES</b>	<b>147</b>
7. Exploring Heterogeneity in Developmental Dyslexia: A Longitudinal Investigation <i>Frank Manis and Caroline E. Bailey</i>	149
8. Rediscovering Dyslexia: New Approaches for Identification and Classification <i>Richard K. Wagner</i>	174
9. Learning, Cognition and Dyslexia <i>Roderick I. Nicolson and Angela J. Fawcett</i>	192
10. A Review of the Evidence on Morphological Processing in Dyslexics and Poor Readers: A Strength or Weakness? <i>S. Hélène Deacon, Rauno Parrila and John R. Kirby</i>	212
<b>PART III EDUCATIONAL INFLUENCES</b>	<b>239</b>
11. Reading Intervention Research: An Integrative Framework <i>William E. Tunmer and Keith T. Greaney</i>	241
12. Assessment of Literacy Performance Based on the Componential Model of Reading <i>R. Malatesha Joshi and P.G. Aaron</i>	268
13. The Definition of Learning Disabilities: Who is the Individual with Learning Disabilities? <i>Linda S. Siegel and Orly Lipka</i>	290
14. Students with Phonological Dyslexia in School-Based Programs: Insights from Tennessee Schools <i>Diane J. Sawyer and Stuart Bernstein</i>	312
15. Individual Tutoring for Struggling Readers: Moving Research to Scale with Interventions Implemented by Paraeducators <i>Patricia F. Vadasy and Elizabeth A. Sanders</i>	337
16. Dyslexia Friendly Primary Schools: What can we Learn From Asking the Pupils? <i>Mary Coffield, Barbara Riddick, Patrick Barmby, and Jenny O'Neill</i>	356
17. Dyslexia and Learning Styles: Overcoming the Barriers to Learning <i>Gavin Reid and Iva Strnadova</i>	369

18. Dyslexia and Inclusion in the Secondary School – Cross Curricular Perspectives <i>Moira Thomson</i>	381
19. Dyslexia and Self-Concept: A Review of Past Research with Implications for Future Action <i>Robert Burden</i>	395
20. Role of Parents <i>Gavin Reid, Shannon Green and Corey Zylstra</i>	411
<b>PART IV DYSLEXIA AND DIFFERENT LANGUAGES</b>	<b>425</b>
21. Dyslexia in Different Orthographies: Variability in Transparency <i>John Everatt and Gad Elbeheri</i>	427
22. Dyslexia and Foreign Language Learning <i>Michael Dal</i>	439
<b>PART V BEYOND SCHOOL</b>	<b>455</b>
23. Adults with Learning Disabilities and Self-Disclosure in Higher Education and Beyond <i>Lynda A. Price and Paul J. Gerber</i>	457
24. Dyslexia: Workplace Issues <i>Gavin Reid, Fil Came and Lynda A. Price</i>	474
Index	487