

# **The Wiley-Blackwell Handbook of Infant Development**

Second Edition

Volume 1

Basic Research

**Edited by J. Gavin Bremner and Theodore D. Wachs**

A-5'56'833

 **WILEY-BLACKWELL**

A John Wiley & Sons, Ltd., Publication

4010

# *Contents*

List of Contributors	viii
Introduction to Volume 1: Basic Research <i>J. Gavin Bremner and Theodore D. Wachs</i>	1
1 Historical Reflections on Infancy <i>Alan Fogel</i>	3
<b>Part I Perceptual and Cognitive Development</b>	<b>33</b>
Introduction	35
2 Visual Perception <i>Alan Slater, Patricia Riddell, Paul C. Quinn, Olivier Pascalis, Kang Lee, and David J. Kelly</i>	40
3 Auditory Development <i>Denis Burnham and Karen Mattock</i>	81
4 Intermodal Perception and Selective Attention to Intersensory Redundancy: Implications for Typical Social Development and Autism <i>Lorraine E. Bahrick</i>	120
5 Action in Infancy – Perspectives, Concepts, and Challenges <i>Ad W. Smitsman and Daniela Corbetta</i>	167

6	Cognitive Development: Knowledge of the Physical World <i>J. Gavin Bremner</i>	204
7	Perceptual Categorization and Concepts <i>David H. Rakison</i>	243
8	Infant Learning and Memory <i>Carolyn Rovee-Collier and Rachel Barr</i>	271
9	Functional Brain Development during Infancy <i>Mark H. Johnson</i>	295
<b>Part II Social Cognition, Communication, and Language</b>		<b>315</b>
	Introduction	317
10	Emerging Self-Concept <i>Philippe Rochat</i>	320
11	The Importance of Imitation for Theories of Social-Cognitive Development <i>Andrew N. Meltzoff and Rebecca A. Williamson</i>	345
12	Engaging Minds in the First Year: The Developing Awareness of Attention and Intention <i>Vasudevi Reddy</i>	365
13	Preverbal Communication <i>Andrew Lock and Patricia Zukow-Goldring</i>	394
14	Early Language <i>George Hollich</i>	426
<b>Part III Social-Emotional Development</b>		<b>451</b>
	Introduction	453
15	Parent-Infant Interaction <i>Marc H. Bornstein and Catherine S. Tamis-LeMonda</i>	458
16	Attachment in Infancy <i>Germán Posada and Garene Kaloustian</i>	483
17	Early Social Cognitive Skills at Play in Toddlers' Peer Interactions <i>Hildy Ross, Marcia Vickar, and Michal Perlman</i>	510

18	Touch and Physical Contact during Infancy: Discovering the Richness of the Forgotten Sense <i>Dale M. Stack</i>	532
19	Emotion and its Development in Infancy <i>David C. Witherington, Joseph J. Campos, Jennifer A. Harriger, Cheryl Bryan, and Tessa E. Margett</i>	568
20	Temperament <i>Theodore D. Wachs and John E. Bates</i>	592
21	Culture and Infancy <i>Charles M. Super and Sara Harkness</i>	623
	Author Index	650
	Subject Index	684
	Contents of Volume 2: Applied and Policy Issues	705

# **The Wiley-Blackwell Handbook of Infant Development**

Second Edition

Volume 2

Applied and Policy Issues

**Edited by J. Gavin Bremner and Theodore D. Wachs**

A-21-261-003

310

 **WILEY-BLACKWELL**

A John Wiley & Sons, Ltd., Publication

# *Contents*

List of Contributors	vii
Introduction to Volume 2: Applied and Policy Issues <i>J. Gavin Bremner and Theodore D. Wachs</i>	1
<b>Part I Bioecological Risks</b>	<b>5</b>
Introduction	7
1 Fetal Development <i>Raye-Ann deRegnier and Shivani Desai</i>	9
2 Infant Nutrition <i>Maureen M. Black and Kristen M. Hurley</i>	33
3 Health <i>R. J. Karp</i>	62
4 Development of Communication in Children with Sensory Functional Disabilities <i>Gunilla Preisler</i>	87
<b>Part II Psychosocial Risks</b>	<b>111</b>
Introduction	113
5 Growing Up in Poverty in Developed Countries <i>Jondou J. Chen, Nina Philipsen Hetzner, and Jeanne Brooks-Gunn</i>	115

6	Infant Development in the Developing World <i>Patrice Engle</i>	140
7	Child Abuse and Neglect <i>Kelli Connell-Carrick</i>	165
8	Effects of Postnatal Depression on Mother-Infant Interactions and Child Development <i>Lynne Murray, Sarah Halligan, and Peter Cooper</i>	192
<b>Part III Developmental Disorders</b>		<b>221</b>
	Introduction	223
9	Infant Assessment <i>Susan P. Berger, Joyce Hopkins, Hyo Bae, Bryce Hella, and Jennifer Strickland</i>	226
10	The Early Development of Autism Spectrum Disorders <i>Gregory S. Young and Sally Ozonoff</i>	257
11	Infant Psychosocial Disorders <i>Melissa R. Johnson and Karen Appleyard</i>	280
12	Genetic Disorders Associated with Intellectual Disability: An Early Development Perspective <i>Deborah J. Fidler, Lisa Daunhauer, David E. Most, and Harvey Switzky</i>	308
<b>Part IV Intervention and Policy Issues</b>		<b>335</b>
	Introduction	337
13	Early Intervention <i>Douglas R. Powell</i>	339
14	Childcare Research at the Dawn of a New Millennium: An Update <i>Sarah L. Friedman, Edward Melhuish, and Candace Hill</i>	359
15	Infancy Research, Policy, and Practice <i>Marguerite Barratt and Erica Fener</i>	380
	Author Index	401
	Subject Index	430
	Contents of Volume 1: Basic Research	443