

Contents

<i>List of Figures and Tables</i>	ix
<i>Acknowledgments</i>	x
<i>Notes on Contributors</i>	xi
Introduction	1
Part I Theoretical	
1 Nonverbal Neurology: How the Brain Encodes and Decodes Wordless Signs, Signals, and Cues <i>David B. Givens</i>	9
2 Neuroscience of Nonverbal Communication <i>Milkica Nešić and Vladimir Nešić</i>	31
3 Measuring Gestures <i>David B. Givens</i>	66
4 Nonverbal Elements of the Voice <i>Mark G. Frank, Darrin J. Griffin, Elena Svetieva, and Andreas Maroulis</i>	92
5 The Expression and Perception of the Duchenne Smile <i>Sarah D. Gunnery and Judith A. Hall</i>	114
6 Emotional Recognition, Fear, and Nonverbal Behavior <i>Aleksandra Kostić and Derek Chadee</i>	134
Part II Applied	
7 Nonverbal Firsts: When Nonverbal Cues Are the Impetus of Relational and Personal Change in Romantic Relationships <i>Valerie Manusov, Tony Docan-Morgan, and Jessica Harvey</i>	153
8 Beyond Facial Expression: Spatial Distance as a Factor in the Communication of Discrete Emotions <i>Ross Buck and Mike Miller</i>	173
9 Theoretical Foundation for Emotion-Based Strategies in Political Campaigns <i>Albert Mehrabian</i>	198

10	The Impact of Nonverbal Behavior in the Job Interview <i>Denise Frauendorfer and Marianne Schmid Mast</i>	220
11	Nonverbal Communication in Interaction: Psychology and Literature <i>Fernando Poyatos</i>	248
12	Nonverbal Behavior Online: A Focus on Interactions with and via Artificial Agents and Avatars <i>Dennis Küster, Eva Krumhuber, and Arvid Kappas</i>	272
	<i>Author Index</i>	303
	<i>Subject Index</i>	313