

BRIEF CONTENTS

PREFACE xv

PART I | AN INTRODUCTION TO THE STUDY OF NONVERBAL COMMUNICATION 1

CHAPTER 1 Nonverbal Communication: Basic Perspectives 3

CHAPTER 2 The Roots of Nonverbal Behavior 29

CHAPTER 3 The Ability to Receive and Send Nonverbal Signals 59

PART II | THE COMMUNICATION ENVIRONMENT 89

CHAPTER 4 The Effects of the Environment on Human Communication 91

CHAPTER 5 The Effects of Territory and Personal Space on Human Communication 123

PART III | THE COMMUNICATORS 151

CHAPTER 6 The Effects of Physical Characteristics on Human Communication 153

PART IV | THE COMMUNICATORS' BEHAVIOR 197

CHAPTER 7 The Effects of Gesture and Posture on Human Communication 199

CHAPTER 8 The Effects of Touch on Human Communication 231

CHAPTER 9 The Effects of the Face on Human Communication 258

CHAPTER 10 The Effects of Eye Behavior on Human Communication 295

CHAPTER 11 The Effects of Vocal Cues That Accompany Spoken Words 323

PART V | COMMUNICATING IMPORTANT MESSAGES 357

CHAPTER 12 Using Nonverbal Behavior in Daily Interaction 359

CHAPTER 13 Nonverbal Messages in Special Contexts 395

REFERENCES 421

NAME INDEX 493

SUBJECT INDEX 508

CONTENTS

PREFACE xv

PART I | AN INTRODUCTION TO THE STUDY OF NONVERBAL COMMUNICATION 1

CHAPTER 1 Nonverbal Communication: Basic Perspectives 3

Perspective 1: Defining Nonverbal Communication 8

Processing Nonverbal Information 9

Awareness and Control 10

Perspective 2: Classifying Nonverbal Behavior 10

The Communication Environment 11

The Communicators' Physical Characteristics 11

Body Movement and Position 12

Perspective 3: Nonverbal Communication in the Total Communication Process 14

Repeating 15

Conflicting 15

Complementing 18

Substituting 19

Accenting/Moderating 19

Regulating 19

Perspective 4: Historical Trends in Nonverbal Research 21

Perspective 5: Nonverbal Communication in Everyday Life 25

Summary 27

CHAPTER 2	The Roots of Nonverbal Behavior	29
The Development of Nonverbal Behavior across Evolutionary Time 31		
<i>Evidence from Sensory Deprivation</i>		32
<i>Evidence from Infants</i>		37
<i>Evidence from Twin Studies</i>		40
<i>Evidence from Nonhuman Primates</i>		44
<i>Evidence from Multicultural Studies</i>		52
Summary		57
CHAPTER 3	The Ability to Receive and Send Nonverbal Signals	59
Development and Improvement of Nonverbal Skills 61		
Is It Good to Have More Accurate Knowledge of Nonverbal Communication? 64		
Measuring the Accuracy of Decoding and Encoding Nonverbal Cues 65		
<i>Standardized Tests of Decoding Ability</i>		68
Personal Factors Influencing the Accuracy of Decoding Nonverbal Cues 71		
<i>Self-Appraisals and Explicit Knowledge of Nonverbal Cues</i>		72
<i>Gender</i>		73
<i>Age</i>		73
<i>General Cognitive Ability</i>		74
<i>Other Personal Correlates</i>		75
<i>Substance Abuse</i>		77
<i>Culture</i>		78
Task Factors Affecting Nonverbal Decoding Accuracy 78		
Characteristics of Accurate Nonverbal Senders 79		
<i>Putting Decoding and Encoding Together</i>		82
On Being an Observer of Nonverbal Communication 83		
<i>The Fallibility of Human Perception</i>		85
Summary		86
PART II	THE COMMUNICATION ENVIRONMENT	89
CHAPTER 4	The Effects of the Environment on Human Communication	91
Perceptions of Our Surroundings 94		
<i>Perceptions of Formality</i>		94
<i>Perceptions of Warmth</i>		95
<i>Perceptions of Privacy</i>		96
<i>Perceptions of Familiarity</i>		96

<i>Perceptions of Constraint</i>	96
<i>Perceptions of Distance</i>	96
Reacting to Environments	97
Perceptions of Time	98
The Natural Environment	100
Other People in the Environment	104
Architectural Design and Movable Objects	105
<i>Color</i>	108
<i>Sound</i>	111
<i>Lighting</i>	113
<i>Movable Objects</i>	114
<i>Structure and Design</i>	116
Regulating Environments and Communication	121
Summary	122
 CHAPTER 5	
The Effects of Territory and Personal Space on Human Communication	123
The Concept of Territoriality	123
Territoriality: Invasion and Defense	125
Density and Crowding	129
<i>The Effects of High Density on Human Beings</i>	131
<i>Coping with High Density</i>	132
Conversational Distance	133
<i>Sex</i>	137
<i>Age</i>	137
<i>Cultural and Ethnic Background</i>	138
<i>Topic or Subject Matter</i>	139
<i>Setting for the Interaction</i>	140
<i>Physical Characteristics</i>	140
<i>Attitudinal and Emotional Orientation</i>	140
<i>Characteristics of the Interpersonal Relationship</i>	141
<i>Personality Characteristics</i>	141
Seating Behavior and Spatial Arrangements in Small Groups	142
<i>Leadership</i>	143
<i>Dominance</i>	144
<i>Task</i>	144
<i>Sex and Acquaintance</i>	145
<i>Introversion-Extraversion</i>	147
<i>Conclusion</i>	147
Summary	148

PART III | THE COMMUNICATORS 151

CHAPTER 6	The Effects of Physical Characteristics on Human Communication	153
	Our Body: Its General Attractiveness	154
	<i>Dating and Marriage</i>	156
	<i>On the Job</i>	159
	<i>Persuading Others</i>	160
	<i>Self-Esteem</i>	161
	<i>Antisocial Behavior</i>	161
	The Power of Physical Attractiveness: Some Important Qualifications	162
	<i>The Effects of Interaction</i>	162
	<i>The Effects of Context</i>	163
	<i>Stereotypes Are Not Always Valid</i>	164
	<i>Attractiveness over Time</i>	164
	Our Body: Its Specific Features	165
	<i>Attractiveness and the Face</i>	165
	<i>Judgments of the Face</i>	167
	<i>Body Shape</i>	169
	<i>Height</i>	174
	<i>Body Image</i>	177
	<i>Body Color</i>	178
	<i>Body Smell</i>	179
	<i>Body Hair</i>	182
	Our Body: Clothes and Other Artifacts	186
	<i>Functions of Clothing</i>	188
	<i>Clothing as Information About the Person</i>	190
	<i>Effects of Clothing on the Wearer</i>	190
	<i>Clothing and Personality</i>	191
	<i>Artifacts and Body Decorations</i>	192
	Summary	194

PART IV | THE COMMUNICATORS' BEHAVIOR 197

CHAPTER 7	The Effects of Gesture and Posture on Human Communication	199
	Speech-Independent Gestures	201
	Speech-Related Gestures	211
	<i>Referent-Related Gestures</i>	212
	<i>Gestures Indicating a Speaker's Relationship to the Referent</i>	212

Punctuation Gestures	214
Interactive Gestures	214
Gesture Frequency	216
The Coordination of Gesture, Posture, and Speech	219
<i>Self-Synchrony</i>	219
<i>Interaction Synchrony</i>	222
Summary	229
CHAPTER 8 The Effects of Touch on Human Communication	231
Touching and Human Development	232
Who Touches Whom, Where, When, and How Much?	234
Different Types of Touching Behavior	237
The Meanings and Impact of Interpersonal Touch	241
<i>Touch as Positive Affect</i>	241
<i>Touch as Negative Affect</i>	241
<i>Touch and Discrete Emotions</i>	242
<i>Touch as Play</i>	242
<i>Touch as Influence</i>	243
<i>Touch as Interaction Management</i>	244
<i>Touch as Physiological Stimulus</i>	244
<i>Touch as Interpersonal Responsiveness</i>	244
<i>Touch as Task Related</i>	245
<i>Touch as Healing</i>	245
<i>Touch as Symbolism</i>	247
Contextual Factors in the Meaning of Interpersonal Touch	249
Touch Can Be a Powerful Nonconscious Force in Interaction	250
Self-Touching	253
Summary	256
CHAPTER 9 The Effects of the Face on Human Communication	258
The Face and Personality Judgments	258
The Face and Interaction Management	259
<i>Channel Control</i>	260
<i>Complementing or Qualifying Other Behavior</i>	260
<i>Replacing Spoken Messages</i>	260
The Face and Expressions of Emotion	261
<i>Display Rules and Facial Emotion Expression</i>	262
<i>The Facial Emotion Controversy</i>	266
<i>Measuring the Face</i>	268

<i>Measuring Emotion Recognition</i>	274
<i>Emotions Inferred from the Face</i>	278
Physiology and the Face	285
<i>Internalizers and Externalizers</i>	285
<i>Facial Expression and Health</i>	285
<i>Facial Feedback</i>	286
The Social Impact of Facial Expressions	289
Summary	293

CHAPTER 10 The Effects of Eye Behavior on Human Communication 295

Gaze and Mutual Gaze	296
Functions of Gazing	297
<i>Regulating the Flow of Communication</i>	298
<i>Monitoring Feedback</i>	300
<i>Reflecting Cognitive Activity</i>	301
<i>Expressing Emotions</i>	301
Communicating the Nature of the Interpersonal Relationship	306
Conditions Influencing Gazing Patterns	309
<i>Distance</i>	309
<i>Physical Characteristics</i>	310
<i>Personal Characteristics and Personality</i>	310
<i>Psychopathology</i>	313
<i>Topics and Tasks</i>	314
<i>Cultural and Racial Background and Racial Attitudes</i>	317
Pupil Dilation and Constriction	318
Summary	321

CHAPTER 11 The Effects of Vocal Cues That Accompany Spoken Words 323

The Relative Importance of Channels	324
The Ingredients and Methods of Studying Paralanguage	326
Vocal Cues and Speaker Recognition	330
Vocal Cues and Personality	333
Vocal Cues and Group Perceptions	336
Vocal Cues and Judgments of Sociodemographic Characteristics	337
<i>Sex</i>	337
<i>Age</i>	339
<i>Social Class or Status</i>	339
<i>Characteristics of Recipients</i>	339

Vocal Cues and Emotion	341
Vocal Cues, Comprehension, and Persuasion	346
<i>Vocal Cues, Comprehension, and Retention</i>	347
<i>Vocal Cues and Persuasion</i>	348
Vocal Cues and Turn Taking in Conversations	349
<i>Turn Yielding</i>	350
<i>Turn Requesting</i>	350
<i>Turn Maintaining</i>	351
<i>Turn Denying</i>	351
Hesitations, Pauses, Silence, and Speech	351
<i>Location or Placement of Pauses</i>	352
<i>Types of Pauses</i>	352
<i>Reasons Why Pauses Occur</i>	353
<i>Influence and Coordination within the Dyad</i>	354
<i>Silence</i>	354
Summary	355

PART V | COMMUNICATING IMPORTANT MESSAGES 357

CHAPTER 12 Using Nonverbal Behavior in Daily Interaction	359
Communicating Intimacy	360
<i>Courtship Behavior</i>	360
<i>Quasi-Courtship Behavior</i>	363
<i>Liking Behavior or Immediacy</i>	364
<i>Being Close in Close Relationships</i>	364
<i>Mutual Influence</i>	367
Communicating Dominance and Status	369
Managing the Interaction	373
<i>Greeting Behavior</i>	373
<i>Turn-Taking Behavior</i>	375
<i>Leave-Taking Behavior</i>	378
Communicating Our Identity	379
<i>Personal Identity</i>	380
<i>Social Identity</i>	382
Deceiving Others	387
A Perspective for Communicators	392
Summary	393

CHAPTER 13 Nonverbal Messages in Special Contexts	395
Advertising Messages	396
Political Messages	401
Teacher-Student Messages	405
Cultural Messages	408
<i>High-Contact versus Low-Contact Cultures</i>	408
<i>Individualism versus Collectivism</i>	409
<i>High-Context versus Low-Context Cultures</i>	410
<i>Similarities across Cultures</i>	410
Therapeutic Settings	411
Technology and Nonverbal Messages	414
Summary	419
REFERENCES	421
NAME INDEX	493
SUBJECT INDEX	508