

# Researching Interactive Communication Behavior

*A Sourcebook of Methods and Measures*

**C. Arthur VanLear**  
*University of Connecticut*

**Daniel J. Canary**  
*University of Utah*



 **SAGE**

Los Angeles | London | New Delhi  
Singapore | Washington DC

# CONTENTS

<b>Preface</b>	<b>vii</b>
<b>Acknowledgments</b>	<b>ix</b>
 <i>Part 1: Reviews of Behavioral Measures in Selected Domains of Study: Contexts and Modes of Behavior</i>	
<b>Chapter 1. Observing Relational Conflict</b>	<b>3</b>
<i>Daniel J. Canary</i>	
<b>Chapter 2. Observing Family Communication</b>	<b>17</b>
<i>Heather E. Canary</i>	
<b>Chapter 3. Analyzing Video and Audio Nonverbal Dynamics: Kinesics, Proxemics, Haptics, and Vocalics</b>	<b>35</b>
<i>Judee K. Burgoon, Norah E. Dunbar, and Aaron C. Elkins</i>	
<b>Chapter 4. Physiological Outcomes of Communication Behavior</b>	<b>45</b>
<i>Amanda Denes, Tamara D. Afifi, and Colin Hesse</i>	
 <i>Part 2: Specific Observational Research Systems</i>	
<b>Chapter 5. Conceptualizing and Operationalizing Nonverbal Immediacy</b>	<b>61</b>
<i>Laura K. Guerrero</i>	
<b>Chapter 6. The Relational Linking System and Other Systems for Studying Self-Presentation (Self-Disclosure), Acceptance-Rejection, and Confirmation-Disconfirmation</b>	<b>77</b>
<i>C. Arthur VanLear and Lesley A. Withers</i>	
<b>Chapter 7. Relational Communication Control</b>	<b>93</b>
<i>L. Edna Rogers and Jennifer A. Cummings</i>	
<b>Chapter 8. Coding Comforting Behavior for Verbal Person Centeredness</b>	<b>107</b>
<i>Wendy Samter and Erina L. MacGeorge</i>	

<b>Chapter 9. Microanalysis of Face-to-face Dialogue: An Inductive Approach</b>	<b>129</b>
<i>Janet Beavin Bavelas, Jennifer Gerwing, Sara Healing, and Christine Tomori</i>	
<b>Chapter 10. The Conversational Argument Coding Scheme</b>	<b>159</b>
<i>David R. Seibold and Harry W. Weger, Jr.</i>	
<b>Chapter 11. Automated Video-based Analysis of Facial Expressions in Schizophrenia</b>	<b>175</b>
<i>Jihun Hamm, Christian G. Kohler, Ruben C. Gur, and Ragini Verma</i>	
<b><i>Part 3: General Issues Regarding Methods and Measures of Observational Research</i></b>	
<b>Chapter 12. Coding Observed Interaction</b>	<b>199</b>
<i>Alan L. Sillars and Nickola C. Overall</i>	
<b>Chapter 13. Reliability and Validity in the Measurement of Social Interaction</b>	<b>217</b>
<i>Marshall Scott Poole and Dean E. Hewes</i>	
<b>Chapter 14. Modeling and Analyzing Behaviors and the Dynamics of Behavioral Interaction</b>	<b>235</b>
<i>C. Arthur VanLear</i>	
<b>Chapter 15. Modeling Behavioral Interaction as a Nonlinear Dynamical System: Cross-Recurrence Quantification Analysis</b>	<b>261</b>
<i>Tehran J. Davis</i>	
<b>Index</b>	<b>273</b>
<b>About the Editors</b>	<b>283</b>
<b>About the Contributors</b>	<b>285</b>