

#### INTERDEPENDENCE, INTERACTION, AND CLOSE RELATIONSHIPS

Interdependence theory is a powerful and applicable theory that has shaped the study of interpersonal relationships for decades, providing foundational constructs and elucidating key assumptions within the burgeoning field of relationship science. Research guided by interdependence theory sheds light on the diverse phenomena within ongoing relationships, including the emergence of co-operation, trust, dependence, power, and relationship maintenance. At its core, interdependence theory pinpoints key elements of daily interactions that predict specific experiences and outcomes that people have in different situations. This handbook goes further to explain how interdependence theory continues to be used fruitfully in research, driving our current understanding of relational processes. We invite you to enter the world of interdependence and discover what top scholars across disciplines are discussing in their efforts to fully understand close, intimate relationships.

Laura V. Machia is Associate Professor of Psychology and Director of the Close Relationships Laboratory at Syracuse University, USA.

Christopher R. Agnew is Professor of Psychological Sciences and Associate Vice President for Research at Purdue University, USA.

Ximena B. Arriaga is Professor of Psychological Sciences at Purdue University, USA, and the Director of the Purdue Acceptance and Inclusion Consortium.



#### Advances in Personal Relationships

Christopher R. Agnew
Purdue University
John P. Caughlin
University of Illinois at Urbana-Champaign
C. Raymond Knee
University of Houston
Terri L. Orbuch
Oakland University

Although scholars from a variety of disciplines have written and conversed about the importance of personal relationships for decades, the emergence of personal relationships as a field of study is relatively recent. Advances in Personal Relationships represents the culmination of years of multidisciplinary and interdisciplinary work on personal relationships. Sponsored by the International Association for Relationship Research, the series offers readers cutting-edge research and theory in the field. Contributing authors are internationally known scholars from a variety of disciplines, including social psychology, clinical psychology, communication, history, sociology, gerontology, and family studies. Volumes include integrative reviews, conceptual pieces, summaries of research programs, and major theoretical works. Advances in Personal Relationships presents first-rate scholarship that is both provocative and theoretically grounded. The theoretical and empirical work described by authors will stimulate readers and advance the field by offering new ideas and retooling old ones. The series will be of interest to upper-division undergraduate students, graduate students, researchers, and practitioners.

#### Other Books in the Series

Attribution, Communication Behavior, and Close Relationships Valerie Manusov and John H. Harvey, editors

Stability and Change in Relationships

Anita L. Vangelisti, Harry T. Reis, and Mary Anne Fitzpatrick, editors

Understanding Marriage: Developments in the Study of Couple Interaction

Patricia Noller and Judith A. Feeney, editors

Growing Together: Personal Relationships Across the Lifespan

Frieder R. Lang and Karen L. Fingerman, editors

Communicating Social Support

Daena J. Goldsmith

Communicating Affection: Interpersonal Behavior and Social Context

Kory Floyd

Changing Relations: Achieving Intimacy in a Time of Social Transition

Robin Goodwin

Feeling Hurt in Close Relationships

Anita L. Vangelisti, editor

Romantic Relationships in Emerging Adulthood

Frank D. Fincham and Ming Cui, editors

Responding to Intimate Violence Against Women: The Role of Informal Networks

Renate Klein

Social Influences on Romantic Relationships: Beyond the Dyad

Christopher R. Agnew, editor

Positive Approaches to Optimal Relationship Development

C. Raymond Knee and Harry T. Reis, editors

Personality and Close Relationship Processes

Stanley O. Gaines, Jr.

The Experience and Expression of Uncertainty in Close Relationships

Jennifer A. Theiss

Contemporary Studies on Relationships, Health, and Wellness

Jennifer A. Theiss and Kathryn Greene, editors



Power in Close Relationships
Christopher R. Agnew and Jennifer J. Harman, editors
Health and Illness in Close Relationships
Ashley P. Duggan
Intimate Relationships Across Cultures: A Comparative Study
Charles T. Hill
Relationship Maintenance: Theory, Process, and Context
Brian G. Ogolsky and J. Kale Monk
On-Again, Off-Again Relationships: Navigating (In)Stability in Romantic Relationships
René M. Dailey





# Interdependence, Interaction, and Close Relationships

Edited by
Laura V. Machia
Syracuse University

Christopher R. Agnew *Purdue University* 

Ximena B. Arriaga

Purdue University





## **CAMBRIDGE**UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom
One Liberty Plaza, 20th Floor, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, V1C 3207, Australia
314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India
79 Anson Road, #06–04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org Information on this title: www.cambridge.org/9781108480963 DOI: 10.1017/9781108645836

© Cambridge University Press 2020

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2020

A catalogue record for this publication is available from the British Library.

ısвn 978-1-108-48096-3 Hardback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



#### CONTENTS

List List	t of Figures t of Tables t of Contributors cnowledgments	page ix x xi xiv
ACK	Introduction  Laura V. Machia	XIV
	PART I INTERDEPENDENCE, SITUATIONS, AND CONTEXT	
1	Situations in Close Relationships Simon Columbus, Francesca Righetti, and Daniel Balliet	11
2	The Structure of Interdependence Shapes Social Cognition in Relationships <i>John G. Holmes</i>	37
3	Home Is Where the Heart Is: Geographic Variation in Relational Behavior and Outcomes  William J. Chopik	50
4	Ethnicity, Interdependence, and the Investment Model of Commitment Processes Stanley O. Gaines, Jr. and Deletha P. Hardin	74
	PART II INTERDEPENDENCE, SECURITY, AND RISK	
5	An Interdependence Analysis of Enhancing Attachment Security Lucy L. Hunt, Madoka Kumashiro, and Ximena B. Arriaga	95
6	Safe and Secure: How Interdependent Close Relationships Mitigate Risks and Ease Insecurities Brittany K. Jakubiak	120
	vii	



viii	Contents	
7	Partner Buffering in Interdependent Relationships: An Attachment Perspective  Monique S. Nakamura, Jeffry A. Simpson, and Nickola C. Overall	144
8	Stress as a Risk Factor to Well-Being: Role of Dyadic Coping Valentina Rauch-Anderegg and Ashley K. Randall	160
	PART III INTERDEPENDENCE, GOAL PURSUIT, AND PERSON FACTORS	
9	Autonomous Interdependence: A Complementary Understanding of Personal and Relational Needs in Interdependent Relationships Benjamin W. Hadden and Yuthika U. Girme	183
10	Pursuing Interpersonal Value: An Interdependence Perspective Edward P. Lemay, Jr.	204
11	Advances in Self-Expansion Brent A. Mattingly, Jennifer M. Tomlinson, and Kevin P. McIntyre	225
12	Self-Esteem, Negative Expressivity, and Partner Responsiveness Kassandra Cortes and Joanne V. Wood	246
	PART IV INTERDEPENDENCE, TIMING, AND EXPECTATIONS	
13	Relationship Receptivity Theory: Timing and Interdependent Relationships Christopher R. Agnew, Benjamin W. Hadden, and Kenneth Tan	269
14	A New Measure of Expected Relationship Satisfaction, Alternatives, and Investment Supports an Expectations Model of Interdependence  Levi R. Baker, James K. McNulty, Ashlyn Brady, and Shae Montalvo	293
15	Relationship Expectations about the Commitment to Wed: A Contextual Analysis TeKisha M. Rice and Brian G. Ogolsky	316
16	Creating Closeness and Interdependence: Results of Laboratory-Based Studies Involving Getting-Acquainted Dyads Susan Sprecher	343
Index		368



#### FIGURES

1.1	Distributions of perceived mutual dependence, conflict of	
	interests, and power in interactions between romantic partners	
	(n = 278, k = 6,766  situations)	page 22
2.1	Fazio MODE model of the attitude-to-behavior process	39
2.2	Flexibility – explicit illusions	42
3.1	Geographic variation in (a) positive relationship tweets,	
	(b) attachment security, and (c) attachment anxiety	61
5.1	Revising working models across time: Relationship situations that	
	enhance attachment security, by Arriaga, X. B., Kumashiro, M.,	
	Simpson, J. A., & Overall, N. C. (2018). Retrieved from	
	Personality and Social Psychology Bulletin, 22, 71–96	104
7.1	The revised dyadic regulation model of insecurity buffering	148
8.1	Conceptualization of types of dyadic coping in couples	166
10.1	Responsive behavior and compassionate goals as a function of	
	experimental condition during interactions with strangers	212
10.2	Responsive behavior and compassionate goals as a function of	
	experimental condition during interactions with known partners	212
10.3	Effects of daily interpersonal value goals on prosocial behavior	
	as a function of reinforcing relationship context (contingency	
	between daily prosocial behavior and partner valuing	
	the prior week)	217



#### TABLES

1.1	Dimensions, descriptions, and sample items of the SIS,	
	DIAMONDS, and CAPTIONs taxonomies and scales	page 17
5.1	Sample features of insecurity and corresponding partner	
	buffering strategies	105
5.2	Processes that promote a recipient's movement toward secure	
	working models	106
14.1	EIS items, standardized factor loadings, and descriptive statistics	
	of each item	304
14.2	Subscale descriptive statistics and correlations for the EIS	306
14.3	Predictors of expected satisfaction, alternatives, and investments	307
4.4	Effects of current and expected satisfaction, alternatives, and	
	investments on current commitment level	308
15.1	Reasons for changes in the commitment to wed	321



#### CONTRIBUTORS

CHRISTOPHER R. AGNEW, Department of Psychological Sciences, Purdue University, West Lafayette, Indiana, USA

XIMENA B. ARRIAGA, Department of Psychological Sciences, Purdue University, West Lafayette, Indiana, USA

LEVI R. BAKER, Department of Psychology, University of North Carolina at Greensboro, North Carolina, USA

DANIEL BALLIET, Department of Experimental and Applied Psychology, Vrije Universiteit Amsterdam, Netherlands

ASHLYN BRADY, Department of Psychology, University of North Carolina at Greensboro, North Carolina, USA

WILLIAM J. СНОРІК, Department of Psychology, Michigan State University, USA

SIMON COLUMBUS, Department of Experimental and Applied Psychology, Vrije Universiteit Amsterdam, Netherlands

KASSANDRA CORTES, Department of Business, Wilfrid Laurier University, Ontario, Canada

STANLEY O. GAINES, JR., School of Social Sciences, Brunel University London, Uxbridge, Middlesex, United Kingdom

YUTHIKA U. GIRME, Department of Psychology, Simon Fraser University, Burnaby, British Columbia, Canada

венјамін w. наdden, Department of Psychology, Florida Atlantic University, USA

DELETHA Р. HARDIN, Department of Psychology, University of Tampa, Florida, USA



xii

#### List of Contributors

JOHN G. HOLMES, Department of Psychology, University of Waterloo, Ontario, Canada

LUCY L. HUNT, Department of Psychological Sciences, Purdue University, West Lafayette, Indiana, USA

BRITTANY K. JAKUBIAK, Department of Psychology, Syracuse University, New York, USA

MADOKA KUMASHIRO, Psychology Department, Goldsmiths, University of London, London, United Kingdom

EDWARD P. LEMAY, JR., Department of Psychology, University of Maryland, College Park, Maryland, USA

LAURA V. MACHIA, Department of Psychology, Syracuse University, New York, USA

BRENT A. MATTINGLY, Department of Psychology, Ursinus College, Collegeville, Pennsylvania, USA

KEVIN P. MCINTYRE, Department of Psychology, Trinity University, San Antonio, Texas, USA

JAMES K. MCNULTY, Department of Psychology, Florida State University, USA

SHAE MONTALVO, Department of Psychology, University of North Carolina at Greensboro, North Carolina, USA

MONIQUE S. NAKAMURA, Department of Psychology, University of Minnesota – Twin Cities, USA

BRIAN G. OGOLSKY, Department of Human Development and Family Studies, University of Illinois at Urbana-Champaign, USA

NICKOLA C. OVERALL, School of Psychology, The University of Auckland, New Zealand

ASHLEY K. RANDALL, Counseling and Counseling Psychology, Arizona State University, USA

VALENTINA RAUCH-ANDEREGG, Harvard Second Generation Study, Harvard Medical School, Boston, Massachusetts, USA

TEKISHA M. RICE, Department of Human Development and Family Studies, University of Illinois at Urbana-Champaign, USA

FRANCESCA RIGHETTI, Department of Experimental and Applied Psychology, Vrije Universiteit Amsterdam, Netherlands

JEFFRY A. SIMPSON, Department of Psychology, University of Minnesota, USA SUSAN SPRECHER, Department of Sociology and Anthropology, Illinois State University, USA



### List of Contributors

xiii

KENNETH TAN, School of Social Sciences, Singapore Management University, Singapore

JENNIFER M. TOMLINSON, Department of Psychology, Colgate University, Hamilton, New York, USA

JOANNE V. WOOD, Department of Psychology, University of Waterloo, Ontario, Canada



#### ACKNOWLEDGMENTS

In 2017, Syracuse University hosted a mini-conference sponsored by the International Association for Relationship Research. Over 200 scholars came together for a weekend centered on the theme of "Interdependence, Interaction, and Relationships." For three days, scholars discussed their work in formal presentations, informal interactions between sessions, and lively conversations during happy hours. When the conference ended, it was clear that ideas surrounding interdependence remain relevant and generative and the idea for this book came to be.

Interdependence Theory (IT) – a theory first discussed more than 60 years ago – is a remarkably flexible theory that strongly influences contemporary relationship science. IT constructs underlie numerous current theories and frameworks, often in implicit ways. This volume draws IT's core to the forefront, emphasizing its contribution and explicitly highlighting its influence. Most of this influence is theoretical, but several contemporary methodological advances can also be attributed to this powerful theory. The intent of this book is to highlight IT, show how IT has shaped the field of relationship science, and foreshadow how it will continue to guide research into the future.

Hosting the conference that inspired this book required a great deal of support. We are indebted to Syracuse University, and especially to the College of Arts and Sciences, the Graduate School, and the Psychology Department for their financial support. The other members of the local organizing committee – Jennifer Tomlinson, Joy McClure, and Len Newman – provided practical and emotional support throughout the planning process, for which we are immensely grateful. Finally, we thank the International Association for Relationship Research for sponsoring the conference, and especially thank Sue Sprecher, Leah Bryant, Jeff Simpson, and Dan Perlman for their guidance.

We also wish to express our gratitude to those who helped make this book possible. First and foremost, we thank the chapter authors for their ideas, expertise, and enthusiasm for this project. We also thank John



#### Acknowledgments

ΧV

Caughlin, Chip Knee, and Terri Orbuch for their support of the project in their roles as Advances in Personal Relationships series coeditors. Thanks also go to those at Cambridge University Press for their assistance along the way, including Janka Romero (Commissioning Editor) and Emily Watton (Editorial Assistant). Finally, we are deeply indebted to Hal Kelley and John Thibaut, whose ideas set forth the study of interdependence, and to Caryl Rusbult and her peers (John Holmes, Harry Reis, Paul Van Lange, and many others) for fostering a strong interdependence tradition. Caryl Rusbult's commitment to the advancement of interdependence theory paved the way for the ideas in this volume and continues to profoundly inspire the scholars at its helm. Over 25 years ago, Caryl concluded a paper with the words, "Interdependence theory is a fruitful basis for understanding maintenance of close relationships," (Rusbult & Buunk, 1993, p. 200). This volume is a testament to how right she was.

Laura V. Machia Christopher R. Agnew Ximena B. Arriaga

#### REFERENCE

Rusbult, C. E., & Buunk, B. (1993). Commitment processes in close relationships: An interdependence analysis. *Journal of Social and Personal Relationships*, 10, 175–204.

