

Contents

Contributors	ix
Foreword	xv
1 Introduction: Applying Complex Dynamic Systems Principles to Empirical Research on L2 Motivation <i>Zoltán Dörnyei, Peter D. MacIntyre and Alastair Henry</i>	1
Part 1: Conceptual Summaries	
2 Ten ‘Lessons’ from Complex Dynamic Systems Theory: What is on Offer <i>Diane Larsen-Freeman</i>	11
3 Attractor States <i>Phil Hiver</i>	20
4 Rates of Change: Timescales in Second Language Development <i>Kees de Bot</i>	29
5 Initial Conditions <i>Marjolijn Verspoor</i>	38
6 Context and Complex Dynamic Systems Theory <i>Ema Ushioda</i>	47
7 Human Agency: Does the Beach Ball Have Free Will? <i>Ali H. Al-Hoorie</i>	55
8 Social Network Analysis and Complex Dynamic Systems <i>Sarah Mercer</i>	73
9 The Dynamics of Possible Selves <i>Alastair Henry</i>	83

- 10 'Directed Motivational Currents': Regulating Complex Dynamic Systems through Motivational Surges 95
Zoltán Dörnyei, Zana Ibrahim and Christine Muir

Part 2: Empirical Studies

- 11 Motivation on a Per-Second Timescale: Examining Approach-Avoidance Motivation During L2 Task Performance 109
Peter D. MacIntyre and Alicia Serroul
- 12 Dynamics of the Self: A Multilevel Nested Systems Approach 139
Sarah Mercer
- 13 Changes in Motivation, Anxiety and Self-efficacy During the Course of an Academic Writing Seminar 164
Katalin Piniel and Kata Csizér
- 14 Motivation, Emotion and Cognition: Attractor States in the Classroom 195
Frea Waninge
- 15 Once Burned, Twice Shy: The Dynamic Development of System Immunity in Teachers 214
Phil Hiver
- 16 Learner Archetypes and Signature Dynamics in the Language Classroom: A Retrodictive Qualitative Modelling Approach to Studying L2 Motivation 238
Letty Chan, Zoltán Dörnyei and Alastair Henry
- 17 'I Can See a Little Bit of You on Myself': A Dynamic Systems Approach to the Inner Dialogue between Teacher and Learner Selves 260
Tammy Gregersen and Peter D. MacIntyre
- 18 Understanding EFL Learners' Motivational Dynamics: A Three-Level Model from a Dynamic Systems and Sociocultural Perspective 285
Tomoko Yashima and Kumiko Arano
- 19 The Dynamics of L3 Motivation: A Longitudinal Interview/Observation-Based Study 315
Alastair Henry

- 20 Study Abroad and the Dynamics of Change in Learner L2
Self-Concept 343
Kay Irie and Stephen Ryan
- 21 Self-Regulation in the Evolution of the Ideal L2 Self: A Complex
Dynamic Systems Approach to the L2 Motivational
Self System 367
Ryo Nitta and Kyoko Baba
- 22 The Dynamics of L2 Imagery in Future Motivational Self-Guides 397
Chenjing (Julia) You and Letty Chan
- 23 Conclusion: Hot Enough to be Cool: The Promise of Dynamic
Systems Research 419
Peter D. MacIntyre, Zoltán Dörnyei and Alastair Henry