

Contents

<i>List of Figures</i>	<i>page xi</i>
<i>List of Contributors</i>	<i>xiv</i>
1 Surveying the Imagination Landscape ANNA ABRAHAM	1
Part I Theoretical Perspectives on the Imagination	11
2 The Evolution of a Human Imagination AGUSTÍN FUENTES	13
3 Material Imagination: An Anthropological Perspective MARIA DANAE KOUKOUTI AND LAMBROS MALAFOURIS	30
4 The Archaeological Imagination MICHAEL SHANKS	47
5 Philosophical Perspectives on Imagination in the Western Tradition AMY KIND	64
6 Imagination in Classical India: A Short Introduction CHAKRAVARTHI RAM-PRASAD	80
7 From Prediction to Imagination MAX JONES AND SAM WILKINSON	94
8 Memory and Imagination: Perspectives on Constructive Episodic Simulation DANIEL L. SCHACTER AND DONNA ROSE ADDIS	111
9 Capturing the Imagination ARNE DIETRICH AND SANDRA ZAKKA	132
10 A Sociocultural Perspective on Imagination TANIA ZITTOUN, VLAD GLĂVEANU, AND HANA HAWLINA	143
11 Artificial Intelligence and Imagination JIM DAVIES	162

	Part II Imagery-Based Forms of the Imagination	173
12	The Visual Imagination JOEL PEARSON	175
13	Musical Imagery KELLY JAKUBOWSKI	187
14	Neurophysiological Foundations and Practical Applications of Motor Imagery AYMERIC GUILLOT	207
15	Temporal Mental Imagery GERARDO VIERA AND BENICE NANAY	227
16	Emotional Mental Imagery SIMON E. BLACKWELL	241
17	Multisensory Perception and Mental Imagery CHRISTOPHER C. BERGER	258
18	Evocation: How Mental Imagery Spans Across the Senses OPHELIA DEROT	276
	Part III Intentionality-Based Forms of the Imagination	291
19	Continuities and Discontinuities Between Imagination and Memory: The View from Philosophy KOURKEN MICHAELIAN, DENIS PERRIN, AND ANDRÉ SANT'ANNA	293
20	Imagining and Experiencing the Self on Cognitive Maps SHAHAR ARZY AND AMNON DAFNI-MEROM	311
21	The Neuroscience of Imaginative Thought: An Integrative Framework QUENTIN RAFFAELLI, RAMSEY WILCOX, AND JESSICA ANDREWS-HANNA	332
22	Imagination and Self-Referential Thinking ARNAUD D'ARGEMBEAU	354
23	Imaginary Friends: How Imaginary Minds Mimic Real Life PAIGE E. DAVIS	373
24	Imagination and Moral Cognition GIORGIO GANIS	390
25	Moral Reasoning: A Network Neuroscience Perspective EVAN D. ANDERSON AND ARON K. BARBEY	406

	Contents	ix
26	The Future-Directed Functions of the Imagination: From Prediction to Metaforesight ADAM BULLEY, JONATHAN REDSHAW, AND THOMAS SUDDENDORF	425
	Part IV Novel Combinatorial Forms of the Imagination	445
27	On the Interaction Between Episodic and Semantic Representations – Constructing a Unified Account of Imagination MUIREANN IRISH	447
28	How Imagination Supports Narrative Experiences for Textual, Audiovisual, and Interactive Narratives JOSHUA A. QUINLAN AND RAYMOND A. MAR	466
29	Development of the Fantasy-Reality Distinction JACQUELINE D. WOOLLEY AND JENNY NISSEL	479
30	Imagining the Real: Buddhist Paths to Wholeness in Tibet ANNE CAROLYN KLEIN (RIGZIN DROLMA)	500
31	Hypothetical Thinking LINDEN J. BALL	514
32	The Counterfactual Imagination: The Impact of Alternatives to Reality on Morality RUTH M. J. BYRNE	529
33	A Look Back at Pioneering Theories of the Creative Brain REX E. JUNG	548
	Part V Phenomenology-Based Forms of the Imagination	563
34	Imagination in the Philosophy of Art DAVID DAVIES	565
35	Imagination in Aesthetic Experience OSHIN VARTANIAN	578
36	The Arts and Human Symbolic Cognition: Art is for Social Communication DAHLIA W. ZAIDEL	593
37	Aesthetic Engagement: Lessons from Art History, Neuroscience, and Society NOAH HUTTON	608
38	Dance and the Imagination: Be a Butterfly! JULIA F. CHRISTENSEN AND KHATEREH BORHANI	620

x	Contents	
	39 Imagination, Intersubjectivity, and a Musical Therapeutic Process: A Personal Narrative	635
	NIGEL OSBORNE	
	Part VI Altered States of the Imagination	657
	40 Dreaming: Beyond Imagination and Perception	659
	JENNIFER M. WINDT	
	41 Dreaming is Imagination Roaming Freely, Based On Embodied Simulation, and Subservied by an Unconstrained Default Network	676
	G. WILLIAM DOMHOFF	
	42 Aphantasia	692
	ADAM ZEMAN	
	43 Hypnosis and Imagination	711
	DEVIN B. TERHUNE AND DAVID A. OAKLEY	
	44 Hallucinations and Imagination	728
	DANIEL COLLERTON, ELAINE PERRY, AND ALAN ROBERT BOWMAN	
	45 The Psychiatry of Imagination	760
	BERNARD J. CRESPI	
	46 Meditation and Imagination	783
	STHANESHWAR TIMALSINA	
	47 Flow in Performance and Creative Cognition – An Optimal State of Task-Based Adaptation	796
	ÖRJAN DE MANZANO	
	48 The Force of the Imagination	811
	ANNA ABRAHAM	
	<i>Name Index</i>	815
	<i>Subject Index</i>	833