

# Contents

Acknowledgements .....	9
Attention: A foreword .....	11
Introduction .....	17
A Collector's Conceit .....	17
Prologue: Attention, Meaning, and Knowledge Representation .....	19
Synopsis .....	21
Chapter 1	
The Greater Attention System and the Cognitive Sciences .....	25
Attention .....	25
The Greater Attention System: An Overview .....	26
<i>The Signal System</i> .....	27
<i>The Selection System</i> .....	29
<i>The Interpersonal System</i> .....	33
<i>Summary</i> .....	36
The Cognitive Psychology and Neurophysiology of Attention .....	37
<i>A Cognitive Psychology of Attention: Protocols, Models,</i> <i>Theories, Paradigms</i> .....	38
<i>A Neurophysiology of Attention</i> .....	46
Related Topics in Cognitive Science: Consciousness, Memory, Categorization, Affect .....	52
<i>Consciousness</i> .....	52
<i>Memory</i> .....	53
<i>Categorization</i> .....	56
<i>Affect: Values and Emotions</i> .....	58
Relevant Concepts .....	61
<i>Meaning</i> .....	61
<i>Imagery and Schemas</i> .....	62
<i>Mental Models</i> .....	64

<i>Mental Spaces</i> .....	66
<i>Culture and Cognition</i> .....	72
Chapter Summary .....	75
Chapter 2	
Attention and Semiotics .....	77
Semiotics .....	77
<i>What is Semiotics?</i> .....	77
<i>Five Theoretical Perspectives: Overview and Assessment</i> .....	78
The Greater Attention System as Semiotic .....	83
<i>Three Dimensions of the Sign: Presentation, Representation,</i> <i>Interpretation</i> .....	83
<i>Nine Functions of the Sign</i> .....	86
<i>Frick's Conceit and the Attention Semiotic</i> .....	90
<i>Synopsis: Signs and the Greater Attention System</i> .....	93
Brief Case Studies in the Semiotics of Attention (with special emphasis on conceptual blending) .....	94
<i>Debating Kant</i> .....	94
<i>Kant and the Graduate Student</i> .....	96
<i>Melville's Mincer: Presentation as Symbolization</i> .....	100
<i>Landing an MD-80 Aircraft: Distributed Attention</i> .....	102
Extended Case Study: Auto-Ethnography of the Cleveland Zoo's Rainforest Exhibit .....	106
<i>Attention Structures of the Cleveland Rainforest Exhibit</i> .....	106
<i>Agenda</i> .....	109
<i>A Guided Tour of the Rainforest Exhibit</i> .....	109
<i>The Architecture of Attention</i> .....	111
<i>Infelicitous Apologies and Felicitous Human Scale Reasoning</i> <i>in the Rainforest Exhibit</i> .....	115
Chapter Summary .....	123
Chapter 3	
Attention in Language and Discourse .....	125
Language .....	125
The Greater Attention System and Language .....	127
<i>The Signal System</i> .....	128
<i>The Selection System</i> .....	136

<i>The Interpersonal System</i> .....	151
<i>Overview</i> .....	156
Case Studies in Language and Discourse .....	159
<i>Fictivity and Aesthetic Perception</i> .....	160
<i>The Prosody of Attention</i> .....	178
Chapter Summary .....	187
 Chapter 4	
Attention and Rhetoric .....	189
Three Perspectives .....	191
<i>Aristotle</i> .....	191
<i>Perelman and Olbrechts-Tyteca: Rhetorical Presence</i> .....	193
<i>Burke: Dramatic Identification</i> .....	198
<i>Summary</i> .....	201
Case Studies .....	202
<i>The Rhetoric of Force and Counterforce</i> .....	203
<i>Rhetoric, Argumentation, and Construal</i> .....	207
<i>Force Dynamic Analysis of the Preface</i> <i>to Bush's National Security Strategy</i> .....	208
<i>The Rhetoric of Compliance: The Census 2000 Campaign</i> .....	218
Chapter Summary .....	230
 Concluding Remarks .....	233
 References .....	235
 Appendix A .....	245
Preface to National Security Strategy of the United States of America .....	245
Appendix B .....	249
 Author Index .....	259
Subject Index .....	261