

TABLE OF CONTENTS

Introduction.....	7
Multisensory Perception	8
Why does a ventriloquist's dummy talk? - Consequences of multisensory integration	8
Methodological considerations.....	10
Multisensory integration within the human brain.....	13
Perceptual Awareness.....	15
Consequences of awareness	15
Studying awareness: Methodological implications.....	16
Awareness within the human brain	18
Putting the puzzle together: Multisensory awareness.....	20
Chapter 1: The invisible ventriloquist	21
Abstract.....	22
Introduction.....	23
Results.....	26
Discussion	32
Materials and methods.....	35
References.....	40
Chapter 2: Steady-state responses demonstrate integration	43
Abstract.....	44
Introduction.....	45
Materials and Methods	52
Results.....	62
Discussion	69
References.....	74

Chapter3: From complex scenes to perceptual awareness	79
Abstract.....	80
Introduction.....	81
Materials and methods	83
Results.....	93
Discussion	101
References.....	105
General discussion	109
References.....	114
Personal Contributions.....	119
Acknowledgements	120