

# CONTENTS

*Preface, xiii*

---

## 1. THE EVOLUTIONARY LOGIC OF SELF-DECEPTION 1

The Evolution of Self-Deception, 3

Deception Is Everywhere, 6

What Is Self-Deception?, 8

Detecting Deception in Humans via Cognitive Load, 9

Self-Deception Is Older Than Language, 13

Nine Categories of Self-Deception, 15

The Hallmarks of Self-Deception, 27

---

## 2. DECEPTION IN NATURE 29

The Coevolutionary Struggle Between Deceiver and Deceived, 30

Frequency-Dependent Selection in Butterflies, 30

An Epic Coevolutionary Struggle, 31

Intelligence and Deception, 36

Female Mimics, 38

False Alarm Calls, 39

Camouflage, 40

Death and Near-Death Acts, 41

Randomness as a Strategy, 42

Deception May Induce Anger, 43

Animals May Be Conscious of Deception, 45

Deception as an Evolutionary Game, 48

A Deeper Theory of Deception, 50

---

### 3. NEUROPHYSIOLOGY AND LEVELS OF IMPOSED SELF-DECEPTION 53

The Neurophysiology of Conscious Knowledge, 54

The Neurophysiology of Thought Suppression, 56

The Irony of Trying to Suppress One's Thoughts, 57

Improving Deception Through Neural Inhibition, 58

Unconscious Self-Recognition Shows Self-Deception, 59

Can One Half of the Brain Hide from the Other?, 61

Imposed Self-Deception, 63

Implicit Versus Explicit Self-Esteem, 64

False Confessions, Torture, and Flattery, 66

False Memories of Child Abuse, 67

Is Self-Deception the Psyche's Immune System?, 68

The Placebo Effect, 70

---

### 4. SELF-DECEPTION IN THE FAMILY— AND THE SPLIT SELF 77

Parent/Offspring Conflict, 80

Cases of Extreme Abuse, 81

Genomic Imprinting, 82

Internal Conflict from Oppositely Imprinted Genes, 84

Parental Manipulation and Imprinting, 85

The Effect of Marital Conflict on Genetic Conflict, 86

Imprinting and Self-Deception, 87

Deception in Children, 88

Parental Effects on Children's Deception, 92



---

## 5. DECEIT, SELF-DECEPTION, AND SEX 95

Why Sex?, 96

Two Sexes—Two Coevolving Species, 97

Deception and Self-Deception at Courtship, 99

Whose Baby Is It?, 100

Male Response to Female Infidelity, 101

Deceit and a Woman's Monthly Cycle, 103

Men's Self-Deceit About Female Interest, 105

Male Denial of Homosexual Tendencies, 106

Is Self-Deception Good or Bad for Marriage?, 107

The Appeal and Danger of Fantasy, 109

The Pain of Betrayal, 110

---

## 6. THE IMMUNOLOGY OF SELF-DECEPTION 115

The Immune System Is Expensive, 117

The Importance of Sleep, 120

Trade-Offs with Immunity, 121

Writing About Trauma Improves Immune Function, 125

Homosexuality and the Effects of Denial, 128

Positive Affect and Immune Function, 130

The Effects of Music, 132

Positivity in Old Age, 133

An Immunological Theory of Happiness, 135

---

## 7. THE PSYCHOLOGY OF SELF-DECEPTION 139

Avoiding Some Information and Seeking Out Other, 140

Biased Encoding and Interpretation of Information, 142

Biased Memory, 143

Rationalization and Biased Reporting, 145

Predicting Future Feelings, 146

- Are All Biases Due to Self-Deception?, 147
  - Denial and Projection, 148
  - Denial Is Self-Reinforcing, 150
  - Your Aggression, My Self-Defense, 151
  - Cognitive Dissonance and Self-Justification, 151
  - Social Effects of Cognitive Dissonance Reduction, 154
  - Cognitive Dissonance in Monkeys and Young Children, 155
- 

## 8. SELF-DECEPTION IN EVERYDAY LIFE 157

- Sex Differences in Overconfidence, 157
  - Metaphors in the Stock Market, 160
  - Manipulative Metaphors in Life, 161
  - The Name-Letter Effect, 164
  - Deceiving Down and Dummying Up, 167
  - Face-ism, 168
  - Spam Against Anti-Spam, 170
  - Humor, Laughter, and Self-Deception, 172
  - Drugs and Self-Deception, 173
  - Vulnerability to Manipulation by Others, 175
  - Professional Con Artists, 176
  - Lie-Detector Tests, 180
- 

## 9. SELF-DECEPTION IN AVIATION AND SPACE DISASTERS 183

- Air Florida Flight 90—Doomed by Self-Deception?, 184
- Disaster 37,000 Feet Above the Amazon, 189
- Eldar Takes Command—Aeroflot Flight 593, 191
- Simple Pilot Error—or Pilot Fatigue?, 192
- Ice Overpowers the Pilots; Airlines Overpower the FAA, 194
- The US Approach to Safety Helps Cause 9/11, 198



The *Challenger* Disaster, 201

The *Columbia* Disaster, 205

Egypt and EgyptAir Deny All, 209

When the Head of the Airforce Becomes the Pilot—the Crash  
That Took Out Poland's Entire Leadership in 2010, 212

Saved by *Lack* of Self-Deception?, 213

---

## **. FALSE HISTORICAL NARRATIVES    215**

The US False Historical Narrative, 218

Control Through Small Wars and Installed Proxies, 222

US History Textbooks, 224

Larger View of US History, 225

The Rewriting of Japanese History, 227

Turkey's Holocaust Denial, 230

A Land Without People for a People Without Land, 233

The Founding of the State of Israel, 235

Voluntary Flight or Ethnic Cleansing?, 237

Arab Deceit and Self-Deception, 239

Christian Zionism, 241

First Line of Defense: Cry "Anti-Semite", 243

Why False Historical Narratives?, 245

---

## **. SELF-DECEPTION AND WAR    247**

Chimpanzee Raiding → Human Warfare, 249

Self-Deception Encourages Warfare, 252

Derogation of Others → Fatal Overconfidence, 255

The 2003 US War on Iraq, 257

Creating Knowledge and Then Walling It Off, 263

Can Wars Be Won Through Bombing?, 265

Bombing to Eradicate History and to Reinforce It, 268

Carnage in Gaza, 270

Self-Deception and the History of War, 274

---

<b>12. RELIGION AND SELF-DECEPTION</b>	<b>277</b>
Cooperation Within the Group, 280	
Religion: A Recipe for Self-Deception, 282	
Religion and Health, 285	
Parasites and Religious Diversity, 288	
Why the Bias Against Women?, 291	
Power Corrupts, 292	
Religions Impose Mating Systems, 294	
Religion Preaches Against Self-Deception, 295	
Intercessory Prayer—Does It Work?, 299	
Religion and Support for Suicide Attacks, 300	
Religion → Self-Righteousness → Warfare, 301	

---

<b>13. SELF-DECEPTION AND THE STRUCTURE OF THE SOCIAL SCIENCES</b>	<b>303</b>
Precedence of Justice Over Truth?, 304	
Success of Science Is Based on Anti-Self-Deception Devices, 305	
The More Social the Discipline, the More Retarded Its Development, 307	
Self-Deception in Biology, 308	
Is Economics a Science?, 310	
Cultural Anthropology, 313	
Psychology, 315	
Psychoanalysis: Self-Deception in the Study of Self-Deception, 317	
Self-Deception Deforms Disciplines, 319	

---

<b>14. FIGHTING SELF-DECEPTION IN OUR OWN LIVES</b>	<b>321</b>
To Fight One's Own Self-Deception or Not?, 323	
A Series of Minor Victories Followed by a Major Disaster, 324	
Signals of Underlying Mental Screw-Ups, 324	



Correcting for Our Own Biases, 326

Why Are We So Compulsive?, 327

The Value of Being Conscious, 329

The Danger of Fantasy in Propagating Deception, 330

The Benefits of Prayer and Meditation, 331

Value of Friends and Counselors, 332

An Invitation to Self-Deception and Personal Disaster, 333

A Never-Ending Extravaganza, 334

*Acknowledgments*, 339

*Notes*, 341

*Bibliography*, 355

*Index*, 387