

Cognitive Enhancement

Trends in Augmentation of Human Performance

Series Ed.: Cutsuridis, Vassilis

Human performance enhancement refers to the augmentation of human skills, attributes and competencies through the use of technology, medicine and therapy designed to replace or increase human performance capability. In the turn of the second decade of the 21st century the convergence of the neurosciences including neuroimaging, genetics and cognitive science, neurotechnology and informatics is creating powerful tools that have the potential to significantly enhance human performance.

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Cognitive Enhancement

An Interdisciplinary Perspective

 Springer

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Preface

This book is a collection of contributions to the conference “Cognitive Enhancement,” which was held from 21 February until 1 March 2011 at the University of Mainz, Germany. During this interdisciplinary conference, young scholars from Europe, Canada and Australia met to present their work and to discuss issues related to cognitive enhancement with renowned international experts. The scholars stem from various disciplines such as medicine, psychiatry, neuroscience, neurotechnology, philosophy, medical ethics, neuroethics, sports science, social sciences and law.

Several persons rendered the realization of this book possible. First, we would like to thank the following individuals for their continuous support, for chairing the conference sessions and for stimulating discussions: Prof. Dr. Ruth Zimmerling, Political Science, University of Mainz; Prof. Dr. Klaus Lieb, Department of Psychiatry and Psychotherapy, Mainz University Medical Center; Prof. Dr. Thomas Metzinger, Department of Philosophy, University of Mainz; and Prof. Dr. Perikles Simon, Department of Sports Medicine, Mainz University Medical Center.

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Mainz, Germany
October 2012

Elisabeth Hildt
Andreas G. Franke

Contents

1	Cognitive Enhancement – A Critical Look at the Recent Debate	1
	Elisabeth Hildt	
Part I Medical and Psychosocial Aspects of Cognitive Enhancement		
2	Pharmacological Neuroenhancement: Substances and Epidemiology	17
	Andreas G. Franke and Klaus Lieb	
3	Psychopharmacological Neuroenhancement: Evidence on Safety and Efficacy	29
	Dimitris Repantis	
4	A Bubble of Enthusiasm: How Prevalent Is the Use of Prescription Stimulants for Cognitive Enhancement?	39
	Bradley Partridge	
5	Modeling the Effects of Modafinil on Selective Attention Electroencephalographic Neural Correlates	49
	Carlos Trenado	
6	Behavioral Neuroenhancement	59
	Martin Dresler	
7	The Influence of Sports on Cognitive Task Performance – A Critical Overview	67
	Pavel Dietz	

8 The Human Experiment: How We Won’t Win the Rat Race. What Can We Learn from Brain Stimulation in Humans and Rats About Enhancing the Functional Neurobiology of Higher Cognitive Functions? 73
 Colleen A. Dockery

Part II Philosophical and Ethical Aspects of Cognitive Enhancement

9 Better Brains or Bitter Brains? The Ethics of Neuroenhancement ... 99
 Kirsten Brukamp

10 Cognitive Enhancement – To What End? 113
 Michael Hauskeller

11 Nano-bionic Devices for the Purpose of Cognitive Enhancement: Toward a Preliminary Ethical Framework 125
 Frédéric Gilbert

12 Cognitive-Enhancing Drugs, Behavioral Training and the Mechanism of Cognitive Enhancement 139
 Emma Peng Chien

13 What Is Cognitive Enhancement and Is It Justified to Point Out This Kind of Enhancement Within the Ethical Discussion? 145
 Roland Kipke

14 No Pain, No Gain? Objections to the Use of Cognitive Enhancement on the Basis of Its Potential Effects on the Value of Achievement 159
 Lisa Forsberg

15 Does the Cognitive Enhancement Debate Call for a Renewal of the Deliberative Role of Bioethics? 173
 Cynthia Forlini and Eric Racine

Part III Sociological, Political and Legal Aspects of Cognitive Enhancement

16 The Biopolitics of Cognitive Enhancement 189
 Peter B. Reiner

17 Are We Heading Towards an ‘Enhancement Society’? 201
 Armin Grunwald

18 Leveling the Playing Field: Fairness in the Cognitive Enhancement Debate 217
 Greta Wagner

19 My Mind Is Mine!?: Cognitive Liberty as a Legal Concept 233
Jan-Christoph Bublitz

20 Cognitive Enhancement and Criminal Behavior 265
Elizabeth Shaw

21 Enhanced Control and Criminal Responsibility 283
John Danaher

Index 309

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