
Contents

Preface vii

I

Basic Neuroscience Approaches to Cognition

1

***Neurochemical* 3**

Floyd E. Bloom

2

***Brain Imaging* 15**

Marcus E. Raichle

II

Attentional and Perceptual Processes

3

***Attention* 37**

Michael I. Posner

4

***Perceptual Processes* 53**

William T. Newsome

III

Neural Basis of Memory

5

Neurons and Memory 71

Randy Gallistel

6

Human Memory 91

Endel Tulving

IV

Language

7

Evolutionary Perspectives 111

Steven Pinker

8

Brain and Language 131

Alfonso Caramazza

V

Imagery and Consciousness

9

Mental Imagery 155

Stephen M. Kosslyn

10

Qualia 175

Daniel C. Dennett