

## オックスフォード認知神経科学ハンドブック The Oxford Handbook of Cognitive Neuroscience Two Volume Set Oxford Library of Psychology

Edited by **Kevin Ochsner** and **Stephen M. Kosslyn**

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- ◇ 認知神経科学の歴史および歴史的に重要な基礎的研究領域を含む、この分野の中心的諸側面をカバーします。
- ◇ 認知神経科学とその関連分野における最新の知見に関心をもつ研究者、学生に不可欠の参考図書です。

Cognitive neuroscience has grown into a rich and complex discipline, some 35 years after the term was coined. Given the great expanse of the field, an inclusive and authoritative resource such as this handbook is needed for examining the current state-of-the-science in cognitive neuroscience.

Spread across two volumes, the 59 chapters included in this handbook systemically survey all aspects of cognitive neuroscience, spanning perception, attention, memory, language, emotion, self and social cognition, higher cognitive functions, and clinical applications. Additional chapters cover topics ranging from the use of top-down cognitive processes in visual perception to the representation and recognition of objects and spatial relations; attention and its relationship to action as well as visual motor control; language and related core abilities including semantics, speech perception and production, the distinction between linguistic competence and performance, and the capacity for written language. Special coverage is also given to chapters describing the psychopharmacology of cognition, the theory of mind, the neuroscience underlying the regulation of emotion, and neuropsychological and neuroimaging evidence that supports the special status of self-knowledge in memory.

This handbook provides a comprehensive compendium of research on cognitive neuroscience that will be widely accessible to students, researchers, and professionals working in this exciting and growing field.

### CONTENTS: VOLUME 1

1. Introduction to The Oxford Handbook of Cognitive Neuroscience: Cognitive Neuroscience: Where are we now? (Kevin N. Ochsner and Stephen M. Kosslyn).

#### Part One: Perception

2. Representation of Objects (Kalanit Grill-Spector).
3. Representation of Spatial Relations (Bruno Laeng).
4. Top-down Effects in Visual Perception. (Moshe Bar and Andreja Bubic).

5. Neural Underpinning of Object Mental Imagery, Spatial Imagery, and Motor Imagery (Grégoire Borst).
6. Looking at the Nose Through Human Behavior, and at Human Behavior Through the Nose (Roni Kahana and Noam Sobel).
7. The Cognitive Neuroscience of Music (Petr Janata).
8. Audition (Josh H. McDermott).
9. Neural Correlates of the Development of Speech Perception and Comprehension (Angela D. Friederici and Claudia Männel).
10. Perceptual Disorders (Josef Zihl).

### **Part Two: Attention**

11. Varieties of Auditory Attention (Claude Alain, Stephen R. Arnott, and Benjamin J. Dyson).
12. Spatial Attention (Jeffrey Nicol).
13. Attention and Action.
14. The Visual Control of Action (Melvyn A. Goodale).
15. Development of Attention (M. Rosario Rueda).
16. Attentional Disorders (Laure Pisella, A. Blangero, C. Tilikete, D. Biotti, G. Rode, A. Vighetto, J.B. Mattingley, and Y. Rossetti).

### **Part Three: Memory**

17. The Cognitive Neuroscience of Semantic Memory (Eiling Yee, Evangelia G. Chrysikou, and Sharon L. Thompson-Schill).
18. Cognitive Neuroscience of Episodic Memory (Lila Davachi and Jared Danker).
19. Working Memory (Bradley R. Buchsbaum and Mark D'Esposito).
20. Motor Skill Learning (Rachael D. Seidler, Bryan L. Benson, Nathaniel B. Boyden, and Youngbin Kwak).
21. Memory Consolidation (John T. Wixted and Denise J. Cai).
22. Age-related Decline in Working Memory and Episodic Memory: Contributions of the Prefrontal Cortex and Medial Temporal Lobes (Sander Daselaar and Roberto Cabeza).
23. Memory Disorders (Barbara A Wilson and Jessica Fish).

### **Part Four: Language**

24. The Cognitive Neuroscience of Written Language: The Neural Substrates of Reading and Writing (Kyra Tsapkini and Argye E. Hillis).
25. Neural Systems Underlying Speech Perception (Sheila E. Blumstein and Emily B. Myers).
26. Multi-modal Speech Perception (Agnès Alsius, Ewen MacDonald, and Kevin Munhall).
27. The Organization of Conceptual Knowledge of Objects in the Human Brain (Bradford Z. Mahon and Alfonso Caramazza).
28. A Parallel Architecture Model of Language Processing (Ray Jackendoff).

### **Part Five: Conclusion**

29. Epilogue to The Oxford Handbook of Cognitive Neuroscience: Cognitive Neuroscience: Where are we going? (Kevin N. Ochsner and Stephen M. Kosslyn).

## **VOLUME 2**

1. Introduction to The Oxford Handbook of Cognitive Neuroscience: Cognitive Neuroscience: Where are we now? (Kevin N. Ochsner and Stephen M. Kosslyn).

### **Part One: Emotion**

2. Salience, State, and Expression: The Influence of Specific Aspects of Emotion on Attention and Perception (Rebecca M. Todd and Adam K. Anderson).
3. Emotion: Generation or Construction? (Jennifer M.B. Fugate, Kristen A. Lindquist, and Lisa Feldman Barrett).
4. The Neuroscience of Emotion Regulation: Basic Mechanisms and Their Role in Development, Aging, and Psychopathology (Jennifer A. Silvers, Jason T. Buhle, and Kevin N. Ochsner).
5. Impact of Emotion on Cognition (Luiz Pessoa).
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7. Visceromotor Sensation and Control (Fred W. Mast).
8. Development of Emotion and Social Reasoning in Adolescence (Eveline A. Crone and Berna Gürolu).

### **Part Two: Self and Social Cognition**

9. Self-knowledge (Joseph M. Moran, William M. Kelley, and Todd F. Heatherton).
10. Perception of Nonverbal Cues (Aina Puce).

11. Face Recognition (Rankin W. McGugin and Isabel Gauthier).
12. The Cognitive and Neural Basis of Impression Formation (Alexander Todorov and Peter Mende-Siedlecki).
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14. The Pleasures and Pains of Social Interactions: A Social Cognitive Neuroscience Perspective (Naomi I. Eisenberger and Keely A. Muscatell).
15. The Neural Underpinnings of the Experience of Empathy: Lessons for Psychopathy (Jean Decety).
16. Mirror Neurons and the Perception-Action Link (Vittorio Gallese).
17. The Early Development of the Brain Bases for Social Cognition (Tobias Grossmann and Mark H. Johnson).

### **Part Three: Higher Cognitive Functions**

18. Conflict Monitoring and Cognitive Control (Nick Yeung).
19. Hierarchical Cognitive Control and the Functional Organization of the Frontal Cortex (David Badre).
20. Thinking (Kalina Christoff).
21. Decision Neuroscience (Maya U. Shankar and Samuel M. McClure).
22. Categorization (Bradley C. Love).
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24. Cognitive Neuroscience of Numerical Cognition (Daniel Ansari and Stephan E. Vogel).
25. Psychopharmacology of Cognition (TW Robbins).

### **Part Four: Clinical Applications**

26. Attention Deficit Hyperactivity Disorder (ADHD) (Chandan J. Vaidya).
27. PTSD (J. Douglas Bremner).
28. Generalized Anxiety Disorder and Social Phobia considered from a cognitive neuroscience perspective (Karina S. Blair and R.J.R. Blair).
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### **Part Five: Conclusion**

30. Epilogue to The Oxford Handbook of Cognitive Neuroscience: Cognitive Neuroscience: Where are we going? (Kevin N. Ochsner and Stephen M. Kosslyn)

## **【本ハンドブック・ハード版に関する書評】**

### **Reviews and Awards**

"The material is high quality and current with references as recent as 2013. There are a multitude of sharp illustrations and figures, many of which are in color. Graphs, figures, tables, gross anatomic pictures, and frequent functional neuroimaging results, along with pictures of task settings and experimental apparatus configuration, help illustrate experimental design. The inclusion of a section on clinical applications provides a useful bridge between neuroscience studies and real-world applications for understanding and treating patients with brain dysfunction in a few conditions. Although this is a cumbersome two-volume set, it is comprehensive in its coverage of foundational and cutting-edge cognitive neuroscience topics with high quality visual aids, accurate information, and real-world applications throughout. **5 Stars!**" --**Christopher J Graver, Doody's Health Science Book Review**

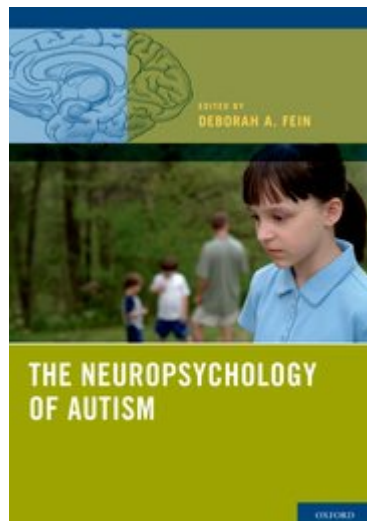
"Readers of the Handbook of Cognitive Neuroscience will be impressed with the maturity that the field has reached in its theoretical formulations and its ability to test hypotheses. The authors show not only the relevant discoveries from neuroscience, but how the data obtained have advanced theories in cognitive psychology. The Handbook of Cognitive Neuroscience does more than address specific neural processes that are related to cognition. It also provides an excellent review of the current state of the literature in cognitive psychology to set the stage for the discussion of those brain events. The format of the handbook is highly effective for experienced researchers, graduate students, and upper-level undergraduates who are looking for an introduction to the current state of the field." --**Douglas A. Weldon, PsycCRITIQUES**

### **【編集者の経歴】**

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## 併せてお薦めいたします



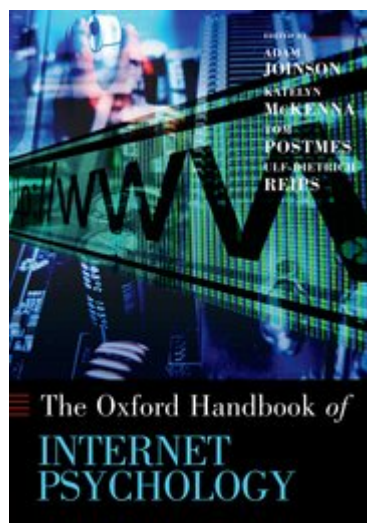
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