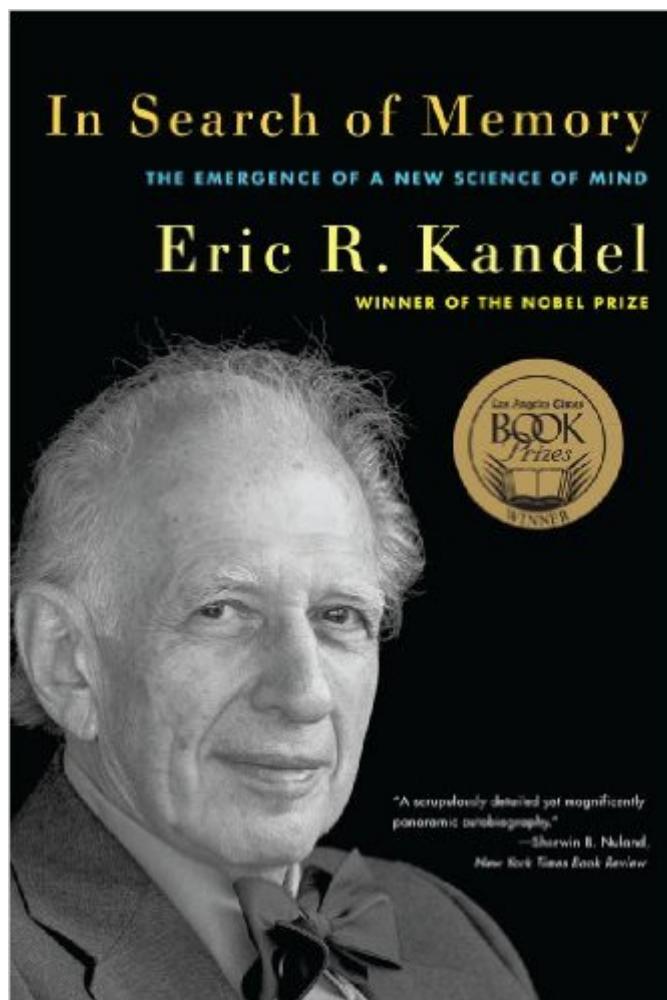


The book was found

In Search Of Memory: The Emergence Of A New Science Of Mind



Synopsis

â œA stunning book.â •Oliver Sacks Memory binds our mental life together. We are who we are in large part because of what we learn and remember. But how does the brain create memories? Nobel Prize winner Eric R. Kandel intertwines the intellectual history of the powerful new science of the mindâ •a combination of cognitive psychology, neuroscience, and molecular biologyâ •with his own personal quest to understand memory. A deft mixture of memoir and history, modern biology and behavior, In Search of Memory brings readers from Kandel's childhood in Nazi-occupied Vienna to the forefront of one of the great scientific endeavors of the twentieth century: the search for the biological basis of memory.

Book Information

Paperback: 528 pages

Publisher: W. W. Norton & Company; 1 edition (March 17, 2007)

Language: English

ISBN-10: 0393329372

ISBN-13: 978-0393329377

Product Dimensions: 5.5 x 1.3 x 8.3 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 starsÂ ¤ See all reviewsÂ (136 customer reviews)

Best Sellers Rank: #40,617 in Books (See Top 100 in Books) #18 inÂ Books > Science & Math > Biological Sciences > Biology > Molecular Biology #34 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Neuroscience #37 inÂ Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Neurology

Customer Reviews

"The search for memory" is the best book I've read this year. I've studied Artificial Intelligence in the early 90's, and love science, and a good story. For someone with this background, this book is pure candy.Kandel's life is intertwined with his attempt to understand what makes us tick. He writes about the scars that Nazi occupation has left on a young Jewish boy in Vienna. These scars lead to a passionate quest for "why", why do people act as they do. Luckily for us, Kandel's attempt to answer this question leads him on a quest that has him surfing the perfect wave of the brain research his whole life. And in this book, we get to experience the wave with him. For me, science books are often either too technical, or too mushy. This one manages to hit the golden middle ground. After reading it, I have a lot better understanding of the brain & memory in general, and some topics I was

not really looking to understand: genetics & cell biology. The book is well organized. Kandel's personal memories mix with science and keep things from being too dry. The discoveries he describes come alive with the personalities that made them. And when you forget the exact meaning of some technical term such as "modulating circuit", there is a great glossary appendix to refresh your memory. And the topic of the book is so fascinating. Memory is at the core of who we are, why do remember our summer holiday from 1972 so well, and forget what we had for breakfast today. Science, that invites you to think those grand philosophical thoughts. The book ends around 2004 with author applying his work to Alzheimer's disease. From Kristalnacht to biotech in a lifetime, what a journey. The only thing I wanted to ask Mr.

This is an extraordinary book about neuroscience, physiology, molecular biology and neurobiology and also about people and history. I bought the book with the intention to satisfy my curiosity in the latest developments in the science of mind. I was ready to handle an experience of reading through dry, complex theories and do some hard work of extracting information that I can make sense with my limited knowledge. Surprisingly, the book has none of that; it is written so well, as if it is the transcript of an one on one conversation between friends, so captivating, so clear and so human. I could not let go of it, reading until small hours when reluctantly, I had to go to sleep so next day I could show up at work in a reasonable shape. The book interweaves threads of science, personal life stories, career, friends, Jewish history, Nobel prize ceremony and biotechnology. The main story is about neuroscience, with emphasis on personal scientific work that culminated with Nobel prize award in 2000. The book can be divided in following sections: personal life, history of neuroscience and molecular biology, short term memory, long term memory, complex behavior and DNA, consciousness, mental illnesses, the experience of receiving Nobel prize, Austria and its relationship with Jewish community in the past and today and an insight analysis of trends in biotechnology from a business point of view. The book is focused on the biology of short term and long term memory. Eric does an excellent job explaining the evolution of neuroscience up to the point when he started his career, so the reader has a good understanding of contemporary issues and of the formation of neurobiology.

[Download to continue reading...](#)

Word Search Book for Adults: Word Search Puzzles to Improve Memory and Exercise: word search, word search books, word search books for adults, adult word search books, word search puzzle books Word Search Puzzles Large Print: Large print word search, Word search books, Word search books for adults, Adult word search books, Word search puzzle books, Extra large print word search

Memory Exercises: Memory Exercises Unleashed: Top 12 Memory Exercises To Remember Work And Life In 24 Hours With The Definitive Memory Exercises Guide! (memory exercises, memory, brain training) In Search of Memory: The Emergence of a New Science of Mind Brain Training And Brain Games for Memory Improvement: Concentration and Memory Improvement Strategies with Mind Mapping (New for 2015) BRAIN: 51 Powerful Ways to Improve Brain Power, Enhance Memory, Intelligence and Concentration NATURALLY! (MEMORY, Memory Improvement, Learning, Brain Training) Quantum Memory: Learn to Improve Your Memory with The World Memory Champion! Trauma and Memory: Brain and Body in a Search for the Living Past: A Practical Guide for Understanding and Working with Traumatic Memory Warriors Word Scramble: Word Scramble Games - Word Search, Word Puzzles And Word Scrambles (Word Games, Brain Games, Word Search, Word Search Games, Word ... Scramble, Word Scrabble, Unscramble Word) The Best Large Print Word Search Puzzle Book: A Collection of 50 Themed Word Search Puzzles; Great for Adults and for Kids! (The Best Large Print Word Search Puzzle Books) (Volume 1) Fingerspelling Word Search Games - 36 Word Search Puzzles with the American Sign Language Alphabet: Volume 01 (Fingerspelling Word Search Games for Adults) Hiroshima Traces: Time, Space, and the Dialectics of Memory (Twentieth Century Japan: The Emergence of a World Power) Memory: Mastermind - Supercharge Your Memory & Unleash The Power Of Your Mind To Maximize Productivity, Focus & Intelligence The Conscious Mind: In Search of a Fundamental Theory (Philosophy of Mind) Investing Polymer Science: Staudinger, Carothers, and the Emergence of Macromolecular Chemistry (Chemical Sciences in Society Series) Industry Emergence: Strategic Management and Synchronization for New Industries Dancing On Our Turtle's Back: Stories of Nishnaabeg Re-Creation, Resurgence, and a New Emergence The Art of Memory Forensics: Detecting Malware and Threats in Windows, Linux, and Mac Memory Small Memory Software: Patterns for systems with limited memory (Software Patterns Series) Nonvolatile Memory Technologies with Emphasis on Flash: A Comprehensive Guide to Understanding and Using Flash Memory Devices

[Dmca](#)