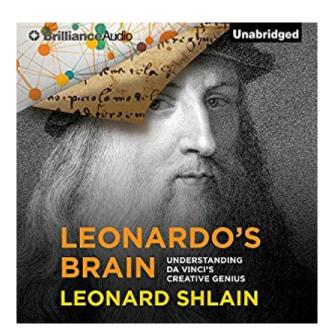
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# Leonardo's Brain: Understanding Da Vinci's Creative Genius





# Synopsis

Bestselling author Leonard Shlain explores the life, art, and mind of Leonardo da Vinci, seeking to explain his singularity by looking at his achievements in art, science, psychology, and military strategy (yes), and then employing state of the art left-right brain scientific research to explain his universal genius. Shlain shows that no other person in human history has excelled in so many different areas as Da Vinci and he peels back the layers to explore the how and the why. Leonardo's Brain uses Da Vinci as a starting point for an exploration of human creativity. With his lucid style, and his remarkable ability to discern connections in a wide range of fields, Shlain brings the listener into the world of history's greatest mind. Shlain asserts that Leonardo's genius came from a unique creative ability that allowed him to understand and excel in a wide range of fields. From here Shlain jumps off and discusses the history and current research on human creativity that revolves around the right brain-left brain split. Most of us now know that there is a split between the right and the left side of the brain; the left primarily controls our rational mind, the right our emotions. Shlain discusses the cutting edge research that is refining our understanding of the split brain model and deepening our knowledge about the nature of human creativity. There is more integration between the left and right brains than previously thought. Shlain argues that Leonardo was unique in human history for the degree of integration that he showed. He also speculates on whether or not the qualities of Leonardo's brain and his creativity presage the future evolution of man. Leonardo's Brain integrates art, history, science, medicine, neuroscience, psychology, and philosophy uniting all of the ideas that Leonard Shlain studied and wrote about since the publication of the influential and bestselling Art and Physics in 1991.

## **Book Information**

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## **Customer Reviews**

Leonard Shlain's book about Leonardo da Vinci is an unabashed celebration of a Renaissance genius whose staggering range of achievements spanned art, science and invention. Despite the five centuries that have passed since da Vinci lived. Shlain marshals evidence to show the scope of his genius resulted from the unique physiology of his brain that allowed him to achieve all he did in both art and science. Shlain's book on da Vinci follows from the spirit of the author's previous books, most notably The Alphabet Versus the Goddess: The Conflict Between Word and Image and Art & Physics: Parallel Visions in Space, Time, and Light. Taken together, the three books examine the way alphabetic literacy reconfigured the human brain and brought about profound changes in history, religion, and gender relations; review the ways art interprets the visible world while science charts its unseen workings; and describe the manner in which a unique individual transcended the divisions between left and right-brained approaches to the world to achieve exceptional genius. Much of the evidence Shlain presents is based on the neuroscience with which the author, a practicing laparoscopic surgeon, extrapolates from the fact that da Vinci was a gay left-handed (but ambidextrous) man and a vegetarian pacifist. From both his paintings and his scientific journals, Shlain infers that da Vinci was able to transcend the division between the left and right hemispheres of his brain and achieve a synthesis that was the engine of his genius: "For creativity to manifest itself, the right brain must free itself from the deadening hand of the inhibitory left brain and do its work, unimpeded..." (p.

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