

Splendid Solution Jonas Salk And The Conquest Of Polio Jeffrey Kluger

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Good Germs, Bad Germs Penguin

For scientist and layman alike this book provides vivid evidence that the Copernican Revolution has by no means lost its significance today. Few episodes in the development of scientific theory show so clearly how the solution to a highly technical problem can alter our basic thought processes and attitudes.

A Conspiracy So Immense Time Inc. Books

A history of the 1950s polio epidemic that caused panic in the United States examines the competition between Salk and Sabin to find the first vaccine and its implications for such issues as government testing of new drugs and manufacturers' liability.

Dirt and Disease Random House

The Cambridge History of Medicine surveys the rise of medicine in the West from classical times to the present. Covering both the social and scientific history of medicine, this 2006 volume traces the chronology of key developments and events, engaging with the issues, discoveries, and controversies that have characterized medical progress.

Moon Hunters Splendid Solution

Lillie's papa believed in freedom—for him, his family, and all the slaves on the Greenfog plantation. So when the Confederate Army

promised freedom to the family of every slave who served in the Civil War—whether they came home or not—Lillie's papa decided he had to take the chance. But when Lillie's family got the news that her papa was killed, they weren't freed. The army claimed that Lillie's papa was a thief. Lillie knew that couldn't be true! Even worse, the master started making plans to sell off Lillie's little brother, Plato. With the help of an old slave, Bett, who bakes bread that bends time, Lillie travels to the battle during which her father died to find out the true story. Using a little magic of her own, Lillie rights a few wrongs and buys her family their freedom. This is a beautiful tale filled with magic and hope and love.

Simplexity Hill and Wang

#1 NEW YORK TIMES BESTSELLER • "The story of modern medicine and bioethics—and, indeed, race relations—is refracted beautifully, and movingly."—Entertainment Weekly NOW A MAJOR MOTION PICTURE FROM HBO® STARRING OPRAH WINFREY AND ROSE BYRNE • ONE OF THE "MOST INFLUENTIAL" (CNN), "DEFINING" (LITHUB), AND "BEST" (THE PHILADELPHIA INQUIRER) BOOKS OF THE DECADE • ONE OF ESSENCE'S 50 MOST IMPACTFUL BLACK BOOKS OF THE PAST 50 YEARS • WINNER OF THE CHICAGO TRIBUNE HEARTLAND PRIZE FOR NONFICTION NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • Entertainment Weekly • O: The Oprah Magazine • NPR • Financial Times • New York • Independent (U.K.) • Times (U.K.) • Publishers Weekly • Library Journal • Kirkus Reviews • Booklist • Globe and Mail Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer who worked the same land as her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine: The first "immortal" human cells

grown in culture, which are still alive today, though she has been dead for more than sixty years. HeLa cells were vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb's effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions. Yet Henrietta Lacks remains virtually unknown, buried in an unmarked grave. Henrietta's family did not learn of her "immortality" until more than twenty years after her death, when scientists investigating HeLa began using her husband and children in research without informed consent. And though the cells had launched a multimillion-dollar industry that sells human biological materials, her family never saw any of the profits. As Rebecca Skloot so brilliantly shows, the story of the Lacks family—past and present—is inextricably connected to the dark history of experimentation on African Americans, the birth of bioethics, and the legal battles over whether we control the stuff we are made of. Over the decade it took to uncover this story, Rebecca became enmeshed in the lives of the Lacks family—especially Henrietta's daughter Deborah. Deborah was consumed with questions: Had scientists cloned her mother? Had they killed her to harvest her cells? And if her mother was so important to medicine, why couldn't her children afford health insurance? Intimate in feeling, astonishing in scope, and impossible to put down, *The Immortal Life of Henrietta Lacks* captures the beauty and drama of scientific discovery, as well as its human consequences.

Bruno Latour in Pieces Houghton Mifflin

Harcourt

"Compact and immensely readable . . . a tour de force. Prepare to be amazed." John C. Bogle, Founder and Former CEO, The Vanguard Group
Bernstein is widely respected as author of the bestseller, *The Intelligent Asset Allocator* Identifies and explains the four conditions necessary for human progress
Holdout Henry Holt and Company

A provocative and surprising exploration of the longest sustained relationships we have in life—those we have with our siblings. Nobody affects us as deeply as our brothers and sisters. Our siblings are our collaborators and co-conspirators, our role models and cautionary tales. They teach us how to resolve conflicts and how not to, how to conduct friendships and when to walk away. Our siblings are the only people we know who truly qualify as partners for life. In this perceptive and groundbreaking book, Jeffrey Kluger explores the complex world of siblings in equal parts science, psychology, sociology, and memoir. Based on cutting-edge research, he examines birth order, twins, genetic encoding of behavioral traits, emotional disorders and their effects on sibling relationships, and much more. With his signature insight and humor, Kluger takes science's provocative new ideas about the subject and transforms them into smart, accessible insights that will help everyone understand the importance of siblings in our lives.

The Secret of the Yellow Death Rutgers University Press

Managing Creativity in Organizations addresses the notion of organizational creativity and innovation in general, and explores in some detail how it is achieved. The first part of the book critically reviews the literature on creativity. The second half explores the management of organizational creativity in the pharmaceutical industry. Here issues such

as technology, cognition and leadership are introduced as central resources and practices in the management of organizational creativity and innovation. The research is based on management practices in four companies, all of whom have demonstrated a significant ability to exploit their organizational creativity.
TIME The Animal Mind Oxford University Press
A masterful biography of Senator Joe McCarthy with new material (either foreword or afterword).
Cambridge University Press
Why are the instruction manuals for cell phones incomprehensible? Why is a truck driver's job as hard as a CEO's? How can 10 percent of every medical dollar cure 90 percent of the world's disease? Why do bad teams win so many games? Complexity, as any scientist will tell you, is a slippery idea. Things that seem complicated can be astoundingly simple; things that seem simple can be dizzyingly complex. A houseplant may be more intricate than a manufacturing plant. A colony of garden ants may be more complicated than a community of people. A sentence may be richer than a book, a couplet more complicated than a song. These and other paradoxes are driving a whole new science--simplicity--that is redefining how we look at the world and using that new view to improve our lives in fields as diverse as economics, biology, cosmology, chemistry, psychology, politics, child development, the arts, and more. Seen through the lens of this surprising new science, the world becomes a delicate place filled with predictable patterns--patterns we often fail to see as we're time and again fooled by our instincts, by our fear, by the size of things, and even by their beauty. In *Simplicity*, Time senior writer

Jeffrey Kluger shows how a drinking straw can save thousands of lives; how a million cars can be on the streets but just a few hundred of them can lead to gridlock; how investors behave like atoms; how arithmetic governs abstract art and physics drives jazz; why swatting a TV indeed makes it work better. As simplicity moves from the research lab into popular consciousness it will challenge our models for modern living. Jeffrey Kluger adeptly translates newly evolving theory into a delightful theory of everything that will have you rethinking the rules of business, family, art--your world.

Freedom Stone Crown

Splendid Solution Penguin

Defending the Undefendable St. Martin's Press

The idea that the speed of light is a constant - at 186,000 miles per second - is one of the few scientific facts that almost everyone knows. That constant - c - also appears in the most famous of all scientific equations: $e=mc^2$ - Yet over the last few years, a small group of highly reputable young physicists have suggested that the central dogma of modern physics may not be an absolute truth - light may have moved faster in the earlier life of the universe, it may still be moving at different speeds elsewhere today. In telling the story of this heresy, and its gradual journey towards acceptance, Joao Magueijo writes as one of the three central figures in the story, introducing the reader to modern cosmology, to the implications of VSL (variable speed of light) and to the world of physicists. The initial rejection of Magueijo's ideas is beginning to give way to a reluctant acceptance that the young men may have a

point - only the next few years will tell the final fate of this 'dangerous' idea.

Polio Wars Penguin

A timely and provocative exploration of narcissism, from Donald Trump to Kanye West to Lance Armstrong, that shows us how to recognize and handle the narcissists we encounter every day. Narcissists are everywhere. There are millions of them in the United States alone: politicians, entertainers, businesspeople, your neighbors. Recognizing and understanding them is crucial to your not being overtaken by them, says Jeffrey Kluger in his provocative book about this insidious disorder. The odds are good that you know a narcissist—probably a lot of them. You see them in your office, on TV, maybe even in the mirror. The odds are also good that they are intelligent, confident, and articulate—the center of attention. With intelligence, sight and wit, Kluger explains the startling new research into narcissism and the insights that research is yielding. He explains how narcissism and narcissists affect our lives at work and at home, on the road, and in the halls of government; what to do when we encounter narcissists; and how to neutralize narcissism's effects before it's too late. As a writer and editor at Time, Kluger knows how to take science's cutting-edge research and transform it into perceptive, accessible writing—which he does brilliantly in *The Narcissist Next Door*. Highly readable and deeply engaging, this book helps us understand narcissism and narcissists more fully.

Apollo 8 Penguin

Twelve thrilling and terrifying space-mission failures, told by the bestselling author of *Apollo 13*! There are so many amazing, daring,

and exciting missions to outer space that have succeeded. But for every success, there are mistakes, surprises, and flat-out failures that happen along the way. In this collection, bestselling author and award-winning journalist Jeffrey Kluger recounts twelve such disasters, telling the stories of the astronauts and the cosmonauts, the trials and the errors, the missions and the misses. With stories of missions run by both Americans and Russians during the height of the space race, complete with photos of the people and machines behind them, this book delves into the mishaps and the tragedies, small and large, that led humankind to the moon and beyond. Praise for *Disaster Strikes!*: * "A thrill ride punctuated with spectacular failures--but also spectacular successes." --Kirkus Reviews, starred review * "The [is] text versatile, efficiently functioning as a collection of short reads or a balanced, book-length narrative . . . Always fascinating, at times unsettling, and highly recommended for elementary and middle school collections." --SLJ, starred review "Each compelling episode is crafted as a self-standing adventure, with an opening hook and a satisfying close, making this an excellent source for readalouds for middle-school classes as well as a pleasure for independent readers." --BCCB "Kluger manages to combine suspenseful storytelling with scientific writing, showcasing the successes of the programs alongside the failures that ended in death or near misses for astronauts. Even students who claim that they don't like to read will find these 'you-are-there' moments totally engaging." --SLC

Jonas Salk: Medical Innovator and Polio Vaccine Developer Oxford University Press

"Extremely interesting . . . Young people interested in medicine or scientific discovery will find this book engrossing, as will history students" (School Library Journal). [He had] a fever that hovered around 104 degrees. His skin turned yellow. The whites of his eyes looked like lemons. Nauseated, he gagged and threw up again

and again . . . Here is the true story of how four Americans and one Cuban tracked down a killer, one of the world's most vicious plagues: yellow fever. Journeying to fever-stricken Cuba in the company of Walter Reed and his colleagues, the reader feels the heavy air, smells the stench of disease, hears the whine of mosquitoes biting human volunteers during surreal experiments. Exploring themes of courage, cooperation, and the ethics of human experimentation, this gripping account is ultimately a story of the triumph of science. "[A] powerful exploration of a disease that killed 100,000 U.S. citizens in the 1800s." --Kirkus Reviews Includes photos

The Birth of Plenty: How the Prosperity of the Modern World was Created Penguin

"Although the benefits of this study to scholars are obvious, this thought-provoking mixture of scholarly and colloquial will enlighten inquisitive general readers, too." --Library Journal (starred review) The classic study of the creative process from the bestselling author of *Flow*. Creativity is about capturing those moments that make life worth living. Legendary psychologist Mihaly Csikszentmihalyi ("The leading researcher into 'flow states.'" --Newsweek) reveals what leads to these moments—be it the excitement of the artist at the easel or the scientist in the lab—so that this knowledge can be used to enrich people's lives. Drawing on nearly one hundred interviews with exceptional people, from biologists and physicists, to politicians and business leaders, to poets and artists, as well as his thirty years of research on the subject, Csikszentmihalyi uses his famous flow theory to explore the creative process. He discusses such ideas as why creative individuals are often seen as selfish and arrogant, and why the "tortured genius" is largely a myth. Most important, he explains why creativity needs to be cultivated and is necessary for the future of our country, if not the world.

The Copernican Revolution Taylor Trade Publications

"Will have an enthusiastic audience among historians of medicine who are familiar, for the most part, only with later twentieth-century efforts to combat polio." --Allan M. Brandt, University of North Carolina
Disease is a social, cultural, and medical history of the polio epidemic in the United States. Naomi Rogers focuses on the early years from 1900 to 1920, and continues the story to the present. She explores how scientists, physicians, patients, and their families explained the appearance and spread of polio and how they tried to cope with it. Rogers frames this study of polio within a set of larger questions about health and disease in twentieth-century American culture. In the early decades of this century, scientists sought to understand the nature of polio. They found that it was caused by a virus, and that it could often be diagnosed by analyzing spinal fluid. Although scientific information about polio was understood and accepted, it was not always definitive. This knowledge coexisted with traditional notions about disease and medicine. Polio struck wealthy and middle-class children as well as the poor. But experts and public health officials nonetheless blamed polio on a filthy urban environment, bad hygiene, and poverty. This allowed them to hold slum-dwelling immigrants responsible, and to believe that sanitary education and quarantines could lessen the spread of the disease. Even when experts acknowledged that polio struck the middle-class and native-born as well as immigrants, they tried to explain this away by blaming the fly for the spread of polio. Flies could land indiscriminately on the rich and the poor. In the 1930s, President Franklin Delano Roosevelt helped to recast the image of polio and to remove its stigma. No one could ignore the cross-spread of the disease. By the 1950s, the public was looking to science for prevention and therapy. But Rogers reminds us that the recent history of polio was more than the

history of successful vaccines. She points to competing therapies, research tangents, and people who died from early vaccine trials.

Managing Creativity in Organizations Ludwig von Mises Institute

The fascinating story of the men who founded the nuclear age, fully told for the first time The story of the twentieth century is largely the story of the power of science and technology. Within that story is the incredible tale of the human conflict between Robert Oppenheimer, Ernest Lawrence, and Edward Teller--the scientists most responsible for the advent of weapons of mass destruction. How did science--and its practitioners--enlist in the service of the state during the Second World War, become a slave to its patron during the Cold War? The story of these three men, builders of the bombs, is fundamentally about loyalty--to country, to science, and to each other--and about the wrenching choices that had to be made when these allegiances came into conflict. Gregg Herken gives us the behind-the-scenes account based upon a decade of research, interviews, and newly released Freedom of Information Act and Russian documents. *Brotherhood of the Bomb* is a vital slice of American history told authoritatively--and grippingly--for the first time.

The Only Astrology Book You'll Ever Need

Harper Collins

Twelve stories of protests and marches--and the people, movements, and moments behind them--that shaped our country's history, told by the bestselling author of *Apollo 13*! Perfect for today's young activists. Rise up! Speak out! March! Protests and demonstrations have spread throughout the United States in recent years. They have pushed for change on women's rights, racial equality, climate change, gun control, LGBTQI+ rights, and more.

And while these marches may seem like a new phenomenon, they are really the continuation of a long line of Americans taking to their feet and raising their voices to cry out for justice. From the Boston Tea Party to the suffragists, from the Montgomery Bus Boycott to Stonewall, peaceful (and not-so-peaceful) protest has been a means of speaking up and enacting change from the very founding of America. This new collection recounts twelve of the major protests throughout the country's history, detailing the people behind them, the causes they marched for, and the impact they had. From the award-winning and bestselling author of *Apollo 13* comes a book perfect for today's new generation of activists. Praise for *Raise Your Voice*: "[Kluger] expertly brushes in historical contexts . . . Cogent reminders that armed rebellion isn't the only answer to social injustice." --Kirkus "Show[s] how one person can inspire many . . . a strong resource for students." --Publishers Weekly "Readers will become absorbed in each protest's narrative due to Kluger's adept writing." --SLJ "Recommended for future activists." --SLC "Well-researched . . . An informative introduction to the history of American protests and their ongoing role in our society." --Booklist
Splendid Solution Hyperion

This biography examines the remarkable life of Jonas Salk using easy-to-read, compelling text. Through striking black-and-white images and rich color photographs, readers will learn about Salk's family background, childhood, education, groundbreaking research, and creation of the polio vaccine. Informative sidebars enhance and support the text. Features include a table of contents, timeline, facts page, glossary, bibliography, and an index. Aligned to Common Core Standards and correlated to state standards. Essential Library is an imprint of ABDO Publishing Company.