
Splendid Solution Jonas Salk And The Conquest Of Polio Jeffrey Kluger

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A Conspiracy So Immense St. Martin's Press

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.

TIME *The Animal Mind* Penguin

Making Peace with Microbes Public sanitation and antibiotic drugs have brought about historic increases in the human life span; they have also unintentionally produced new health crises by disrupting the intimate,

age-old balance between humans and the microorganisms that inhabit our bodies and our environment. As a result, antibiotic resistance now ranks among the gravest medical problems of modern times. Good Germs, Bad Germs addresses not only this issue but also what has become known as the "hygiene hypothesis"—an argument that links the over-sanitation of modern life to now-epidemic increases in immune and other disorders. In telling the story of what went terribly wrong in our war on germs, Jessica Snyder Sachs explores our emerging understanding of the symbiotic relationship between the human body and its resident microbes—which outnumber its human cells by a factor of nine to one! The book also offers a hopeful look into a future in which antibiotics will be designed and used more

wisely, and beyond that, to a day when we may replace antibacterial drugs and cleansers with bacterial ones—each custom-designed for maximum health benefits.

Freedom Stone Time Inc. Books

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.

Penguin

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-enlisted 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.

Faster Than The Speed Of Light W. W. Norton & Company

"He first full biography of Jonas Salk offers a complete picture of the enigmatic figure, from his early years working on an influenza vaccine--for which he never fully got credit--to his seminal creation of the Polio vaccine, up through his later work to find a cure for AIDS"--

The Mathematical Theory of Communication 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.

Brotherhood of the Bomb Hachette Books

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.

Splendid Solution Macmillan

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.

Creativity Oxford University Press on Demand

One of Literary Hub's August's Best Sci-Fi and Fantasy Books | Geek Tyrant's The Most Highly Anticipated Sci-Fi and Fantasy Books of August 2021 | Gizmodo's 49 New Sci-Fi and

Fantasy Books to Keep You Turning Pages in August When evil forces are going unchecked on Earth, a principled astronaut makes a split-second decision to try to seek justice in the only place she knows how—the International Space Station. Walli Beckwith is a model astronaut. She graduated at the top of her class from the Naval Academy, had a successful career flying fighter jets, and has spent more than three hundred days in space. So when she refuses to leave her post aboard the International Space Station following an accident that forces her fellow astronauts to evacuate, her American and Russian colleagues are mystified. For Walli, the matter at hand feels all too clear and terrifying for her to be worried about ruining her career. She is stuck in a race against time to save a part of the world that seems to have been forgotten, and also the life of the person she loves the most. She will go to any length necessary, using the only tool she has, to accomplish what she knows is right.

Managing Creativity in Organizations Penguin

The story of the polio vaccine and its enterprising creator, published to coincide with the fiftieth anniversary of the first national vaccination program, discusses Salk's childhood during one of polio's worst epidemics and his education during the presidency of an afflicted FDR, describing how politics and a discrediting rival researcher nearly prevented the vaccine's development.

Disaster Strikes! Springer

Bruno Latour stirs things up. Latour began as a lover of Science and technology, co-founder of actor-network theory, and philosopher of a modernity that had “never been modern.” In the meantime he is regarded not just as one of the most

intelligent—and also popular—exponents of science studies but also as a major innovator of the social sciences, an exemplary wanderer who walks the line between the sciences and the humanities. This book provides the first comprehensive overview of the Latourian oeuvre, from his early anthropological studies in Abidjan (Ivory Coast), to influential books like *Laboratory Life and Science in Action*, and his most recent reflections on an empirical metaphysics of “modes of existence.” In the course of this enquiry it becomes clear that the basic problem to which Latour’s work responds is that of social tradition, the transmission of experience and knowledge. What this empirical philosopher constantly grapples with is the complex relationship of knowledge, time, and culture.

Defending the Undefendable Oxford University Press

A study of Australian nurse Sister Elizabeth Kenny and her efforts to have her unorthodox methods of treating polio accepted as mainstream polio care in the United States during the 1940s. A case study of changing clinical care, and an examination of the hidden politics of philanthropies and medical societies. Breakthrough Penguin

"Sure to be a deserved hit among the ever-growing Freakonomics crowd." --Booklist "Kluger makes the modern world comprehensible." --Publishers Weekly "A fascinating journey." --Library Journal Sometimes a complex problem has an easy solution. And sometimes there's more to a simple thing than first appears. In *Simplexity*, 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, and why swatting a TV indeed makes it work better. Kluger adeptly translates newly evolving science into a delightful theory of everything that will have you rethinking the rules of business, family, art--your world.

The Sibling Effect Henry Holt and Company

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.

The Secret of the Yellow Death Oxford University Press

OVER HALF A MILLION COPIES SOLD! This is the classic guide to astrological history, legend, and practice! Readers will enjoy simple, computer-accurate planetary tables that allow anyone born between 1900 and 2100 to pinpoint quickly their sun

and moon signs, discover their ascendants, and map out the exact positions of the planets at the time of their birth. In addition to revealing the planets' influence on romance, health, and career, *The Only Astrology Book You'll Ever Need* takes a closer look at the inner life of each sign. Celebrated astrologer Joanna Martine Woolfolk offers abundant insights on the personal relationships and emotional needs that motivate an individual, on how others perceive astrological types, and on dealing with the negative aspects of signs. Readers will also welcome the inclusion of new discoveries in astronomy. Lavishly illustrated and with an updated design, this new edition is an indispensable sourcebook for unlocking the mysteries of the cosmos through the twenty-first century and beyond.

Silent Victories ABDO

The untold story of the historic voyage to the moon that closed out one of our darkest years with a nearly unimaginable triumph. In August 1968, NASA made a bold decision: in just sixteen weeks, the United States would launch humankind's first flight to the moon. Only the year before, three astronauts had burned to death in their spacecraft, and since then the Apollo program had suffered one setback after another.

Meanwhile, the Russians were winning the space race, the Cold War was getting hotter by the month, and President Kennedy's promise to put a man on the moon by the end of the decade seemed sure to be broken. But when Frank Borman, Jim Lovell and Bill Anders were summoned to a secret meeting and told of the dangerous mission, they instantly signed on. Written

with all the color and verve of the best narrative non-fiction, *Apollo 8* takes us from Mission Control to the astronaut's homes, from the test labs to the launch pad. The race to prepare an untested rocket for an unprecedented journey paves the way for the hair-raising trip to the moon. Then, on Christmas Eve, a nation that has suffered a horrendous year of assassinations and war is heartened by an inspiring message from the trio of astronauts in lunar orbit. And when the mission is over—after the first view of the far side of the moon, the first earth-rise, and the first re-entry through the earth's atmosphere following a flight to deep space—the impossible dream of walking on the moon suddenly seems within reach. The full story of *Apollo 8* has never been told, and only Jeffrey Kluger—Jim Lovell's co-author on their bestselling book about *Apollo 13*—can do it justice. Here is the tale of a mission that was both a calculated risk and a wild crapshoot, a stirring account of how three American heroes forever changed our view of the home planet.

Splendid Solution McGraw Hill Professional

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

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

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.

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

A look at the scientists who design and fly the spacecraft exploring the outer reaches of the solar system discusses unmanned missions to Jupiter, Saturn, and Neptune.

Apollo 8 Rutgers University Press

Recounts how nearly one hundred million Americans were

exposed to a dangerous virus through tainted polio vaccines distributed between 1954 and 1963, revealing the government's efforts to downplay the incident and the numerous cases of cancer linked to the vaccines. Reprint. 12,500 first printing.