

Splendid Solution Jonas Salk And The Conquest Of Polio Jeffrey Kluger

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Freedom Stone Rutgers 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

Jonas Salk Oxford University Press, USA

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.

Polio Oxford University Press

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 Penguin

"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

Disaster Strikes! Oxford University Press on Demand

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.

The Sibling Effect Cambridge University Press

This flexible workbook has been designed to guide all levels of nurses and nurse learners in the creation of an evidence-based health promotion project for any community. The book begins with a foundational review of professional nursing concepts. The unique manual directs learners through the steps of the nursing process in identifying and addressing health opportunities. The workbook contains copyrighted models for community health assessment, critical thinking points, case studies, and a variety of exercises to reinforce understanding. A range of worksheets and templates allow nurse learners to view the challenge of health promotion from differing perspectives. An algorithm for project design allows for consistent and timely student submissions. Instructors may select from the book resources to tailor the

project design to specific time limitations, course objectives, and student learning outcomes. Instructor resources include discussion points, time-planning goal sheets, grading rubrics guides and more.

Breakthrough Penguin

A masterful biography of Senator Joe McCarthy with new material (either foreword or afterword).

Holdout Penguin

"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 Dirt and 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.

Creativity Springer

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

Moon Hunters Crown

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.

Apollo 8 Penguin

The compelling true story of Dr. Jonas Salk's quest to develop a vaccine for polio. In 1916, the United States was hit with one of the worst polio epidemics in history. The disease was a terrifying enigma: striking out of nowhere, it afflicted tens of thousands of children and left them—literally overnight—paralyzed. Others it simply killed. At the same time, a child named Jonas Salk was born.... When Franklin Delano Roosevelt was diagnosed with polio shortly before assuming the Presidency, Salk was given an impetus to study this deadly illness. After assisting in the creation of an influenza vaccine, Salk took up the challenge. His progress in combating the virus was hindered by the politics of medicine and by a rival researcher determined to discredit his proposed solution. But Salk's perseverance made history—and for close to seventy years his vaccine has saved countless lives, bringing humanity close to eradicating polio throughout the world. Splendid Solution chronicles Dr. Salk's race against time to achieve an unparalleled breakthrough that made him a cultural hero and icon of modern medicine.

Time Inc. Books

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 Copernican Revolution Simon and Schuster

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.

The Birth of Plenty: How the Prosperity of the Modern World Was Created W. W. Norton & Company
“ 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 Narcissist Next Door Springer

It is 1919 and Elizabeth Hughes, the eleven-year-old daughter of America’s most-distinguished jurist and politician, Charles Evans Hughes, has been diagnosed with juvenile diabetes. It is essentially a death sentence. The only accepted form of treatment — starvation — whittles her down to forty-five pounds skin and bones. Miles away, Canadian researchers Frederick Banting and Charles Best manage to identify and purify insulin from animal pancreases — a miracle soon marred by scientific jealousy, intense business competition and fistfights. In a race against time and a ravaging disease, Elizabeth becomes one of the first diabetics to receive insulin injections — all while its discoverers and a little known pharmaceutical company struggle to make it available to the rest of the world. Relive the heartwarming true story of the discovery of insulin as it’s never been told before. Written with authentic detail and suspense, and featuring walk-ons by William Howard Taft, Woodrow Wilson, and Eli Lilly himself, among many others.

Brotherhood of the Bomb 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.

Managing Creativity in Organizations Penguin

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.

The Immortal Life of Henrietta Lacks Fordham Univ Press

The compelling true story of Dr. Jonas Salk’s quest to develop a vaccine for polio. In 1916, the United States was hit with one of the worst polio epidemics in history. The disease was a terrifying enigma: striking out of nowhere, it afflicted tens of thousands of children and left them—literally overnight—paralyzed. Others it simply killed. At the same time, a child named Jonas Salk was born.... When Franklin Delano Roosevelt was diagnosed with polio shortly before assuming the Presidency, Salk was given an impetus to study this deadly illness. After assisting in the creation of an influenza vaccine, Salk took up the challenge. His progress in combating the virus was hindered by the politics of medicine and by a rival researcher determined to discredit his proposed solution. But Salk’s perseverance made history—and for close to seventy years his vaccine has saved countless lives, bringing humanity close to eradicating polio throughout the world. *Splendid Solution* chronicles Dr. Salk’s race against time to achieve an unparalleled breakthrough that made him a cultural hero and icon of modern medicine.

The Virus and the Vaccine Hyperion

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.

The Only Astrology Book You’ll Ever Need Penguin

Americans’ health improved dramatically over the twentieth century. Public health programs for disease and injury prevention were responsible for much of this advance. Over the century, America’s public health system grew dramatically, employing science and political authority in response to an increasing array of health problems. As the disease burden of the old scourges of infection, perinatal mortality, and dietary deficiencies began to lift, public health’s mandate expanded to take on new health threats, such as those resulting from a changing workplace, the rise of the automobile, and chronic and complex conditions caused by smoking, diet and other lifestyle and environmental factors. Public health measures almost always occur on contested ground; accordingly, controversies and recriminations over past failures often persist. In contrast, public health’s many successes, even the imperfect ones, become part of the fabric of everyday life, a fact already apparent early in the last century, when C.E.A. Winslow reminded his peers that the lives saved and healthy years extended were the “silent victories” of public health. In its exploration of ten major public health issues addressed in the 20th century, *Silent Victories* takes a unique approach: for each issue, leading scientists in the field trace the discoveries, practices and programs that reduced morbidity and mortality from disease and injury, and an accompanying chapter by a historian or social scientist highlights key moments or conflicts that shaped public health action on that issue. The book concludes with a look toward the challenges public health must face in the future. *Silent Victories* reveals the lessons of history in a format designed to appeal to students, health professionals and the public seeking to understand how public health advanced the country’s health in the 20th century, and the challenges to protecting health in the future.