The Radioactive Boy Scout Frightening True Story Of A Whiz Kid And His Homemade Nuclear Reactor Ken Silverstein

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The Forgotten Highlander Alistair Urquhart 2010-10-01 Alistair Urquhart was a soldier in the Gordon Highlanders, captured by the Japanese in Singapore. Forced into manual labor as a POW, he survived 750 days in the jungle working as a slave on the notorious “Death Railway” and building the Bridge on the River Kwai. Subsequently, he moved to work on a Japanese “hellship,” his ship was torpedoed, and nearly everyone on board the ship died. Not Urquhart. After five days adrift on a raft in the South China Sea, he was rescued by a Japanese whaling ship. His luck would only get worse as he was taken to Japan and forced to work in a mine near Nagasaki. Two months later, he was just ten miles from ground zero when an atomic bomb was dropped on Nagasaki. In late August 1945, he was freed by the American Navy—a living skeleton—and had his first wash in three and a half years. This is the extraordinary story of a young man, conscripted at nineteen, who survived not just one, but three encounters with death, any of which should have probably killed him. Silent for over fifty years, this is Urquhart’s inspirational tale in his own words. It is as moving as any memoir and as exciting as any great war movie.

Brides of the Multitude Jeremy Agnew 2008 Brides of the Multitude is a fascinating, historically accurate account of why prostitution ran rampant in the Old West during the prudish Victorian period of the United States. It explains who these women were, their reasons for becoming prostitutes, the types of establishments of prostitution, the conditions under which the women worked, and problems associated with sexually transmitted diseases and contraception. Weaving facts with colorful anecdotes, the author presents an in-depth look at the "ladies" who conducted business in the infamous red light districts located throughout the frontier.

So You're 40! Mike Haskins 2006-03-05 You will never now become a rock star or regain the waist size you had at 18. You have taken a sudden interest in bleeding your radiators, listening to "The Money Programme" and figuring out the best route to anywhere in the country. On the bright side, you can look forward to cheaper car insurance, and it’s only ten years until you can book your first Saga holiday! You can take delight in the fact that you will never again have to sleep in a muddy field at Glastonbury, stay up all night at a party, or pretend to like Tequila Slammers.

Quick and Popular Reads for Teens Pam Spencer Holley 2009-01-01 Collects ten years of the "Popular Paperbacks for Young Adults" and "Quick Picks for Reluctant Readers" lists, organized by both author and theme.
lucid examination of the mirrors in which its author has seen herself, and her indoctrination into the cult of beauty as defined by powerful men. In its more transcendent passages . . . the author steps beyond the reach of any 'Pygmalion' and becomes a more dangerous kind of beautiful. She becomes a kind of god in her own right: an artist." —Melissa Febos, The New York Times Book Review A "MOST ANTICIPATED" AND "BEST OF FALL 2021" BOOK FOR *VOGUE* *TIME* *ESQUIRE* *PEOPLE* *USA TODAY* *CHICAGO TRIBUNE* *LOS ANGELES TIMES* *SHONDALAND* *ALMA* *THRILLEST* *NYLON* *FORTUNE A deeply honest investigation of what it means to be a woman and a commodity from Emily Ratajkowski, the archetypal, multi-hyphenate celebrity of our time Emily Ratajkowski is an acclaimed model and actress, an engaged political progressive, a formidable entrepreneur, a global social media phenomenon, and now, a writer. Rocketing to world fame at age twenty-one, Ratajkowski sparked both praise and furor with the provocative display of her body as an unapologetic statement of feminist empowerment. The subsequent evolution in her thinking about our culture's commodification of women is the subject of this book. My Body is a profoundly personal exploration of feminism, sexuality, and power, of men's treatment of women and women's rationalizations for accepting that treatment. These essays chronicle moments from Ratajkowski's life while investigating the culture's fetishization of girls and female beauty, its obsession with and contempt for women's sexuality, the perverse dynamics of the fashion and film industries, and the gray area between consent and abuse. Nuanced, fierce, and incisive, My Body marks the debut of a writer brimming with courage and intelligence.

**Capacity Building in the Fight Against Terrorism** IOS Press 2013-09-18 The fight against terrorism is constantly in the news, and NATO has committed to the mission of counterterrorism as a central role of the alliance. This is a mission which requires the maximum cooperation of all NATO members and partners, and the sharing of knowledge and expertise is crucial to its success. This book presents the proceedings of the NATO Centre of Excellence - Defence against Terrorism (COE-DAT) Advanced Training Course ‘Capacity Building in the Fight against Terrorism’, held in Bishkek, Kyrgyzstan in June 2012. The presentations were delivered by 11 expert practitioners and academics from eight countries. The subjects covered include: an overview of terrorism; NATO’s approach to defence against terrorism; weapons of mass destruction terrorism; eco-terrorism; religion and the question of violence; as well as energy and environmental security, international cooperation, human rights, use of the internet, crisis management, finance, recruitment and prejudice perception management as they relate to the fight against terrorism. This book will be of interest to all those wishing to maintain an awareness of the current situation as regards terrorism and counter terrorism worldwide.

**Open and Unabashed Reviews on the Radioactive Boy Scout** John Hook 2013-04 In this book, we have hand-picked the most sophisticated, unanticipated, absorbing (if not at times crackpot!), original and musing book reviews of "The Radioactive Boy Scout: The Frightening True Story of a Whiz Kid and His Homemade Nuclear Reactor." Don't say we didn't warn you: these reviews are known to shock with their unconventionality or intimacy. Some may be startled by their biting sincerity; others may be spellbound by their unbridled flights of fantasy. Don't buy this book if: 1. You don't have nerves of steel. 2. You expect to get pregnant in the next five minutes. 3. You've heard it all.

**The Radioactive Boy Scout** Ken Silverstein 2008-10-04 Traces a boy's fascination with science and nuclear physics, which compelled him to misrepresent himself to the government and build a reactor in his back yard, causing an environmental catastrophe in his quiet Detroit town.

**The Psychosocial Implications of Disney Movies** Lauren Dundes 2019-07-11 In this volume of 15 articles, contributors from a wide range of disciplines present their analyses of Disney movies and Disney music, which are mainstays of popular culture. The power of the Disney brand has heightened the need for academics to question whether Disney's films and music function as a tool of the Western elite that shapes the views of those less empowered. Given its global reach, how the Walt Disney Company handles the role of race, gender, and sexuality in
social structural inequality merits serious reflection according to a number of the articles in the volume. On the other hand, other authors argue that Disney productions can help individuals cope with difficult situations or embrace progressive thinking. The different approaches to the assessment of Disney films as cultural artifacts also vary according to the theoretical perspectives guiding the interpretation of both overt and latent symbolic meaning in the movies. The authors of the 15 articles encourage readers to engage with the material, showcasing a variety of views about the good, the bad, and the best way forward.

**The Robbers Cave Experiment** Muzafar Sherif
2010-03-01 Originally issued in 1954 and updated in 1961 and 1987, this pioneering study of “small group” conflict and cooperation has long been out-of-print. It is now available, in cloth and paper, with a new introduction by Donald Campbell, and a new postscript by O.J. Harvey. In this famous experiment, one of the earliest in inter-group relationships, two dozen twelve-year-old boys in summer camp were formed into two groups, the Rattlers and the Eagles, and induced first to become militantly ethnocentric, then intensely cooperative. Friction and stereotyping were stimulated by a tug-of-war, by frustrations perceived to be caused by the “out” group, and by separation from the others. Harmony was stimulated by close contact between previously hostile groups and by the introduction of goals that neither group could meet alone. The experiment demonstrated that conflict and enmity between groups can be transformed into cooperation and vice versa and that circumstances, goals, and external manipulation can alter behavior. Some have seen the findings of the experiment as having implications for reduction of hostility among racial and ethnic groups and among nations, while recognizing the difficulty of control of larger groups.

**The Unspeakable Skipton** Pamela Hansford Johnson 1959

**The Golden Book of Chemistry Experiments** Robert Brent 2015-10-10 BANNED: The Golden Book of Chemistry Experiments was a children's chemistry book written in the 1960s by Robert Brent and illustrated by Harry Lazarus, showing how to set up your own home laboratory and conduct over 200 experiments. The book is controversial, as many of the experiments contained in the book are now considered too dangerous for the general public. There are apparently only 126 copies of this book in libraries worldwide. Despite this, its known as one of the best DIY chemistry books every published. The book was a source of inspiration to David Hahn, nicknamed “the Radioactive Boy Scout” by the media, who tried to collect a sample of every chemical element and also built a model nuclear reactor (nuclear reactions however are not covered in this book), which led to the involvement of the authorities. On the other hand, it has also been the inspiration for many children who went on to get advanced degrees and productive chemical careers in industry or academia.

**The Radioactive Boy Scout** Ken Silverstein 2005
Traces a boy's fascination with science and nuclear physics, which compelled him to misrepresent himself to the government and build a reactor in his back yard, causing an environmental catastrophe in his quiet Detroit town.

**Von Braun** Michael Neufeld 2017-04-12 Curator and space historian at the Smithsonian's National Air and Space Museum delivers a brilliantly nuanced biography of controversial space pioneer Wernher von Braun. Chief rocket engineer of the Third Reich and one of the fathers of the U.S. space program, Wernher von Braun is a source of consistent fascination. Glorified as a visionary and vilified as a war criminal, he was a man of profound moral complexities, whose intelligence and charisma were coupled with an enormous and, some would say, blinding ambition. Based on new sources, Neufeld's biography delivers a meticulously researched and authoritative portrait of the creator of the V-2 rocket and his times, detailing how he was a man caught between morality and progress, between his dreams of the heavens and the earthbound realities of his life.

**Atomic Farmgirl** Teri Hein 2003 Recounts the author's childhood during the 1950s and 1960s as the granddaughter of German Lutheran homesteaders in rural Washington, during which she experienced farm life and Cold-War patriotism while her community was unwittingly threatened by the Hanford Nuclear Reservation. Reprint.
White Noise  Don DeLillo 1999-06-01 A brilliant satire of mass culture and the numbing effects of technology, White Noise tells the story of Jack Gladney, a teacher of Hitler studies at a liberal arts college in Middle America. Jack and his fourth wife, Babette, bound by their love, fear of death, and four ultramodern offspring, navigate the rocky passages of family life to the background babble of brand-name consumerism. Then a lethal black chemical cloud, unleashed by an industrial accident, floats over there lives, an "airborne toxic event" that is a more urgent and visible version of the white noise engulfing the Gladneys—the radio transmissions, sirens, microwaves, and TV murmurings that constitute the music of American magic and dread.

The Absolutely True Diary of a Part-Time Indian  Sherman Alexie 2012-01-10 Bestselling author Sherman Alexie tells the story of Junior, a budding cartoonist growing up on the Spokane Indian Reservation. Determined to take his future into his own hands, Junior leaves his troubled school on the rez to attend an all-white farm town high school where the only other Indian is the school mascot. Heartbreaking, funny, and beautifully written, The Absolutely True Diary of a Part-Time Indian, which is based on the author's own experiences, coupled with poignant drawings by Ellen Forney that reflect the character's art, chronicles the contemporary adolescence of one Native American boy as he attempts to break away from the life he was destined to live. With a forward by Markus Zusak, interviews with Sherman Alexie and Ellen Forney, and four-color interior art throughout, this edition is perfect for fans and collectors alike.

Red Star Rogue  Kenneth Sewell 2006-09-26 Documents the true story of a rogue Soviet submarine's 1968 attempt to provoke a war between the U.S. and China by firing a missile off the coast of Hawaii, in an account that offers insight into the subsequent cover-up and the event's influence on U.S. negotiations with the USSR and China. Reprint.

Pre-Incident Indicators of Terrorist Incidents  Brent L. Smith 2011-01 This is a print on demand edition of a hard to find publication. Explores whether sufficient data exists to examine the temporal and spatial relationships that existed in terrorist group planning, and if so, could patterns of preparatory conduct be identified? About one-half of the terrorists resided, planned, and prepared for terrorism relatively close to their eventual target. The terrorist groups existed for 1,205 days from the first planning meeting to the date of the actual/planned terrorist incident. The planning process for specific acts began 2-3 months prior to the terrorist incident. This study examined selected terrorist groups/incidents in the U.S. from 1980-2002. It provides for the potential to identify patterns of conduct that might lead to intervention prior to the commission of the actual terrorist incidents. Illustrations.

Sadako and the Thousand Paper Cranes  Eleanor Coerr 2009-01-09

The Wrong Hands  Ann Larabee 2015-06-15 "[A] valuable account ... The Wrong Hands brilliantly guides us through [the] challenges to American democracy." -Howard P. Segal, Times Higher Education Gun ownership rights are treated as sacred in America, but what happens when dissenters moved beyond firearm possession into the realm of high explosives? How should the state react? Ann Larabee's The Wrong Hands, a remarkable history of do-it-yourself weapons manuals from the late nineteenth century to the recent Boston Marathon bombing, traces how efforts to ferret out radicals willing to employ ever-more violent methods fueled the growth of the American security state. But over time, the government's increasingly forceful targeting of violent books and ideas—not the weapons themselves-threatened to undermine another core American right: free expression. In the 1886 Haymarket Square bombing, a new form of revolutionary violence that had already made its mark in Europe arrived in the United States. At the subsequent trial, the judge allowed into evidence Johann Most's infamous The Science of Revolutionary Warfare, which allegedly served as a cookbook for the accused. Most's work was the first of a long line of explosive manuals relied on by radicals. By the 1960s, small publishers were drawing from publicly available US military sources to produce works that catered to a growing popular interest in DIY weapons making. The most famous was The Anarchist Cookbook (1971), which soon achieved legendary status—and a lasting presence in the courts. Even novels, such as William Pierce's The Turner Diaries, have served as evidence in prosecutions of right-wing
radicals. More recently, websites explaining how to make all manner of weapons, including suicide vests, have proliferated. The state’s right to police such information has always hinged on whether the disseminators have legitimate First Amendment rights. Larabee ends with an analysis of the 1979 publication of instructions for making a nuclear weapon, which raises the ultimate question: should a society committed to free speech allow a manual for constructing such a weapon to disseminate freely? Both authoritative and eye-opening, The Wrong Hands will reshape our understanding of the history of radical violence and state repression in America.  

**Full Body Burden**  
Kristen Iversen 2013 A narrative report by a woman who grew up near the Rocky Flats nuclear weapon facility describes the dark secrets that dominated her childhood, the strange cancers that afflicted her neighbors, her brief employment at Rocky Flats and the efforts of residents to achieve legal justice. 30,000 first printing.  

**How to Build a Nuclear Bomb**  
Frank Barnaby 2004 Outlines what it takes to make chemical, biological, and nuclear weapons; suggests who might be able to produce and use such weapons; and examines how effective countermeasures might be.  

**Free Range Learning**  
Laura Weldon 2012-07-23 With more kids at home now . . . here is a book for parents, family members and friends who want to maximize this time for a deeper learning experience for their children and themselves. Free Range Learning will encourage and excite those who want their children to reap important benefits from this period of “sheltering in place,” learning at home. This is a book for anyone simply wanting some fresh ideas at this time, or those who wonder if a commitment to ongoing homeschooling might actually result in longer term benefits! The material in this book is backed by scientific and educational studies, along with the testimonies of scores of parents and kids from around the world. The work here is applicable for young people from pre-school through high school. Studies indicate that adults who were homeschooled are: * More likely to vote, volunteer and be involved in their communities than graduates of conventional schools. * Read more books than average. * More likely to have taken college level courses than the population as a whole. * Tend to be independent and self-reliant. Children are naturally “free range” learners. They build knowledge and skills naturally, within the full spectrum of their daily lives, while observing, exploring and pursuing their interests. This book guides any parent or educator in assisting that process.  

**Turkmeniscam**  
Ken Silverstein 2008 Describes the author's masquerade as a representative for a firm heavily invested in Turkmenistan's natural gas reserves and the cutthroat, often absurd competition among Washington lobbyists to whitewash the corrupt Turkmeni regime.  

**On the Dual Uses of Science and Ethics**  
Michael J. Selgelid 2013-12-19 Claims about the transformations enabled by modern science and medicine have been accompanied by an unsettling question in recent years: might the knowledge being produced undermine – rather than further – human and animal well being? On the Dual Uses of Science and Ethics examines the potential for the skills, know-how, information, and techniques associated with modern biology to serve contrasting ends. In recognition of the moral ambiguity of science and technology, each chapter considers steps that might be undertaken to prevent the deliberate spread of disease. Central to achieving this aim is the consideration of what role ethics might serve. To date, the ethical analysis of the themes of this volume has been limited. This book remedies this situation by bringing together contributors from a broad range of backgrounds to address a highly important ethical issue confronting humanity during the 21st century.  

**Disciplinary and Content Literacy for Today's Adolescents, Sixth Edition**  
William G. Brozo 2017-04-24 Well established as a clear, comprehensive course text in five prior editions, this book has now been extensively revised, with a focus on disciplinary literacy. It offers a research-based framework for helping students in grades 6-12 learn to read, write, and communicate academic content and to develop the unique literacy, language, and problem-solving skills required by the different disciplines. In an engaging, conversational style, William G. Brozo presents effective instruction and assessment practices, illustrated with extended case studies and sample forms. Special attention
is given to adaptations to support diverse populations, including English language learners. (Prior edition title: Content Literacy for Today's Adolescents, Fifth Edition.) New to This Edition: *Shift in focus to disciplinary literacy as well as general content-area learning. *Chapter on culturally and linguistically diverse learners. *Incorporates a decade of research and the goals of the Common Core State Standards. *Increased attention to academic vocabulary, English language learners, the use of technology, and multiple text sources, such as graphic novels and digital texts. *Pedagogical features: chapter-opening questions plus new case studies, classroom dialogues, practical examples, sample forms, and more.

**Lord of the Flies** William Golding 2003-12-16
Golding’s iconic 1954 novel, now with a new foreword by Lois Lowry, remains one of the greatest books ever written for young adults and an unforgettable classic for readers of any age. This edition includes a new Suggestions for Further Reading by Jennifer Buehler. At the dawn of the next world war, a plane crashes on an uncharted island, stranding a group of schoolboys. At first, with no adult supervision, their freedom is something to celebrate. This far from civilization they can do anything they want. Anything. But as order collapses, as strange howls echo in the night, as terror begins its reign, the hope of adventure seems as far removed from reality as the hope of being rescued.

**Monument 14** Emmy Laybourne 2012-06-05
When a group of kids trapped together in a chain superstore build a refuge for themselves inside, outside, a series of disasters from a monster hailstorm to a chemical weapons spill, seems to be tearing the world apart.

**Empires of Light** Jill Jonnes 2003-08-19
The gripping history of electricity and how the fateful collision of Thomas Edison, Nikola Tesla, and George Westinghouse left the world utterly transformed. In the final decades of the nineteenth century, three brilliant and visionary titans of America’s Gilded Age—Thomas Edison, Nikola Tesla, and George Westinghouse—battled bitterly as each vied to create a vast and powerful electrical empire. In Empires of Light, historian Jill Jonnes portrays this extraordinary trio and their riveting and ruthless world of cutting-edge science, invention, intrigue, money, death, and hard-eyed Wall Street millionaires. At the heart of the story are Thomas Alva Edison, the nation’s most famous and folksy inventor, creator of the incandescent light bulb and mastermind of the world’s first direct current electrical light networks; the Serbian wizard of invention Nikola Tesla, elegant, highly eccentric, a dreamer who revolutionized the generation and delivery of electricity; and the charismatic George Westinghouse, Pittsburgh inventor and tough corporate entrepreneur, an industrial idealist who in the era of gaslight imagined a world powered by cheap and plentiful electricity and worked heart and soul to create it. Edison struggled to introduce his radical new direct current (DC) technology into the hurly-burly of New York City as Tesla and Westinghouse challenged his dominance with their alternating current (AC), thus setting the stage for one of the eeriest feuds in American corporate history, the War of the Electric Currents. The battlegrounds: Wall Street, the 1893 Chicago World’s Fair, Niagara Falls, and, finally, the death chamber—Jonnes takes us on the tense walk down a prison hallway and into the sunlit room where William Kemmler, convicted ax murderer, became the first man to die in the electric chair.

**The Bastard Brigade** Sam Kean 2019-07-09
From New York Times bestselling author Sam Kean comes the gripping, untold story of a renegade group of scientists and spies determined to keep Adolf Hitler from obtaining the ultimate prize: a nuclear bomb. Scientists have always kept secrets. But rarely have the secrets been as vital as they were during World War II. In the middle of building an atomic bomb, the leaders of the Manhattan Project were alarmed to learn that Nazi Germany was far outpacing the Allies in nuclear weapons research. Hitler, with just a few pounds of uranium, would have the capability to reverse the entire D-Day operation and conquer Europe. So they assembled a rough and motley crew of geniuses -- dubbed the Alsos Mission -- and sent them careening into Axis territory to spy on, sabotage, and even assassinate members of Nazi Germany’s feared Uranium Club. The details of the mission rival the finest spy thriller, but what makes this story sing is the incredible cast of characters -- both heroes and rogues alike -- including: Moe Bergm, the major league catcher...
multilingual international spy; the strangest fellow to ever play professional baseball. Werner Heisenberg, the Nobel Prize-winning physicist credited as the discoverer of quantum mechanics; a key contributor to the Nazi's atomic bomb project and the primary target of the Alsos mission. Colonel Boris Pash, a high school science teacher and veteran of the Russian Revolution who fled the Soviet Union with a deep disdain for Communists and who later led the Alsos mission. Joe Kennedy Jr., the charismatic, thrill-seeking older brother of JFK whose need for adventure led him to volunteer for the most dangerous missions the Navy had to offer. Samuel Goudsmit, a washed-up physics prodigy who spent his life hunting Nazi scientists -- and his parents, who had been swept into a concentration camp -- across the globe. Irène and Frederic Joliot-Curie, a physics Nobel-Prize winning power couple who used their unassuming status as scientists to become active members of the resistance. Thrust into the dark world of international espionage, these scientists and soldiers played a vital and largely untold role in turning back one of the darkest tides in human history.

**Revisiting Nuclear Power** Anne C. Cunningham 2017-07-15 In an era defined by anxiety over global warming and the search for alternative fuel sources, nuclear power is rarely part of the conversation. It promises limitless power and a drastic reduction in greenhouse gas emissions worldwide. Yet, it is by no means perfectly safe or “clean,” as Three Mile Island, Chernobyl, and Fukushima remind us. Even so, thirty countries are operating 444 reactors, accounting for almost 11 percent of the world’s electricity production. The debate over nuclear energy is a fierce and emotional one, and arguments, agendas, assumptions, and factual information must be scrutinized meticulously and carefully. This volume allows readers to do just that as they begin to form their own opinions on the viability of nuclear power.

**The Boy Who Played with Fusion** Tom Clynes 2015-06-09 Offers an account of child genius Taylor Wilson's successful quest to build his own nuclear reactor at the age of 14, and an exploration of how gifted children can be nurtured to do extraordinary things. 35,000 first printing. Illustrations.

**Present at the Future** Ira Flatow 2009-10-13 Veteran NPR® science correspondent and award-winning radio and TV journalist Ira Flatow's enthusiasm for all things science has made him a beloved on-air journalist. For more than thirty-five years, Flatow has interviewed the top scientists and researchers on many NPR and PBS programs, including his popular Science Friday® spot on Talk of the Nation. In Present at the Future, he shares the groundbreaking revelations from those conversations, including the latest on nanotechnology, space travel, global warming, alternative energies, stem cell research, and using the universe as a super–super computer. Flatow also further explores his favorite topic of the science of everyday life with explanations on why the shower curtain sticks to you, the real story of why airplanes fly, and much more. From dark matter and the human consciousness to the surprising number of scientists who believe in a Creator, Present at the Future reveals the mysteries of science, nature, and technology that shape our lives.

**The Deep** Nick Cutter 2015-07-28 Now in mass-market paperback from the national bestselling author of The Troop—which Stephen King raved “scared the hell out of me and I couldn’t put it down….old-school horror at its best”—an utterly terrifying novel that pits the mysteries of The Abyss against the horrors of The Shining. A strange plague called the ‘Gets is decimating humanity on a global scale. It causes people to forget—small things at first, like where they left their keys…then the not-so-small things like how to drive, or the letters of the alphabet. Then their bodies forget how to function involuntarily…and there is no cure. But now, far below the surface of the Pacific Ocean, deep in the Mariana Trench, an heretofore unknown substance hailed as “ambrosia”—a universal healer, from initial reports—has been discovered. It may just be the key to eradicating the ‘Gets. In order to study this phenomenon, a special research lab, the Trieste, has been built eight miles under the sea’s surface. But when the station goes incommunicado, a brave few descend through the lightless fathoms in hopes of unraveling the mysteries lurking at those crushing depths…and perhaps to encounter an evil blacker than anything one could possibly imagine. “Fans of unflinching bleakness and all-out horror will love this novel….Each new shock is freshly disturbing”
(Publishers Weekly, starred review).  
**Plutopia** Kate Brown 2013-03-15 While many transnational histories of the nuclear arms race have been written, Kate Brown provides the first definitive account of the great plutonium disasters of the United States and the Soviet Union. In Plutopia, Brown draws on official records and dozens of interviews to tell the extraordinary stories of Richland, Washington and Ozersk, Russia—the first two cities in the world to produce plutonium. To contain secrets, American and Soviet leaders created plutopias—communities of nuclear families living in highly-subsidized, limited-access atomic cities. Fully employed and medically monitored, the residents of Richland and Ozersk enjoyed all the pleasures of consumer society, while nearby, migrants, prisoners, and soldiers were banned from plutopia—they lived in temporary "staging grounds" and often performed the most dangerous work at the plant. Brown shows that the plants' segregation of permanent and temporary workers and of nuclear and non-nuclear zones created a bubble of immunity, where dumps and accidents were glossed over and plant managers freely embezzled and polluted. In four decades, the Hanford plant near Richland and the Maiak plant near Ozersk each issued at least 200 million curies of radioactive isotopes into the surrounding environment—equaling four Chernobyls—laying waste to hundreds of square miles and contaminating rivers, fields, forests, and food supplies. Because of the decades of secrecy, downwind and downriver neighbors of the plutonium plants had difficulty proving what they suspected, that the rash of illnesses, cancers, and birth defects in their communities were caused by the plants' radioactive emissions. Plutopia was successful because in its zoned-off isolation it appeared to deliver the promises of the American dream and Soviet communism; in reality, it concealed disasters that remain highly unstable and threatening today. An untold and profoundly important piece of Cold War history, Plutopia invites readers to consider the nuclear footprint left by the arms race and the enormous price of paying for it.  
**Atomic Accidents** James Maheffey 2021-08-31 From the moment radiation was discovered in the late nineteenth century, nuclear science has had a rich history of innovative scientific exploration and discovery, coupled with mistakes, accidents, and downright disasters. Mahaffey, a long-time advocate of continued nuclear research and nuclear energy, looks at each incident in turn and analyzes what happened and why, often discovering where scientists went wrong when analyzing past meltdowns. Every incident has lead to new facets in understanding about the mighty atom—and Mahaffey puts forth what the future should be for this final frontier of science that still holds so much promise.  
**The Age of Radiance** Craig Nelson 2014-03-25 A narrative of the Atomic Age by the award-winning author of Rocket Man explores the complexities of nuclear energy, citing the contributions of such individuals as Marie Curie, Albert Einstein and Robert Oppenheimer while sharing lesser-known historical details.  
**The Disappearing Spoon** Sam Kean 2010-07-12 From New York Times bestselling author Sam Kean comes incredible stories of science, history, finance, mythology, the arts, medicine, and more, as told by the Periodic Table. Why did Gandhi hate iodine (I, 53)? How did radium (Ra, 88) nearly ruin Marie Curie's reputation? And why is gallium (Ga, 31) the go-to element for laboratory pranksters?* The Periodic Table is a crowning scientific achievement, but it's also a treasure trove of adventure, betrayal, and obsession. These fascinating tales follow every element on the table as they play out their parts in human history, and in the lives of the (frequently) mad scientists who discovered them. THE DISAPPEARING SPOON masterfully fuses science with the classic lore of invention, investigation, and discovery—from the Big Bang through the end of time. *Though solid at room temperature, gallium is a moldable metal that melts at 84 degrees Fahrenheit. A classic science prank is to mold gallium spoons, serve them with tea, and watch guests recoil as their utensils disappear.  
**The Secret World of Oil** Ken Silverstein 2014-05-13 The oil industry provides the lifblood of modern civilization, and bestselling books have been written about the industry and even individual companies in it, like ExxonMobil. But the modern oil industry is an amazingly shady meeting ground of fixers, gangsters,
dictators, competing governments, and multinational corporations, and until now, no book has set out to tell the story of this largely hidden world. The global fleet of some 11,000 tankers—that's tripled during the past decade—moves approximately 2 billion metric tons of oil annually. And every stage of the route, from discovery to consumption, is tainted by corruption and violence, even if little of that is visible to the public. Based on trips to New York, Washington, Houston, London, Paris, Geneva, Phnom Penh, Dakar, Lagos, Baku, and Moscow, among other far-flung locals, The Secret World of Oil includes up-close portraits of a shadowy Baku-based trader; a high-flying London fixer; and an oil dictator's playboy son who has to choose one of his eleven luxury vehicles when he heads out to party in Los Angeles. Supported by funding from the prestigious Open Society, this is both an entertaining global travelogue and a major work of investigative reporting.