

## Eccentric Orbits The Iridium Story

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**Rocket and Spacecraft Propulsion** Martin J. L. Turner 2006-08-29 The revised edition of this practical, hands-on book discusses the launch vehicles in use today throughout the world, and includes the latest details on advanced systems being developed, such as electric and nuclear propulsion. The author covers the fundamentals, from the basic principles of rocket propulsion and vehicle dynamics through the theory and practice of liquid and solid propellant motors, to new and future developments. He provides a serious exposition of the principles and practice of rocket propulsion, from the point of view of the user who is not an engineering specialist.

**The Ancient Minstrel** Jim Harrison 2016-03-01 A collection of novellas from the New York Times–bestselling author—“arguably America’s foremost master of the novella . . . A force of nature on the page” (The Washington Post). The Mark Twain Award–winning author of *Legends of the Fall* delivers three novellas that highlight his phenomenal range as a writer, shot through with his trademark wit and keen insight into the human condition. Harrison has fun with his own reputation in the title novella, about an aging writer in Montana who weathers the slings and arrows of literary success and tries to cope with the sow he buys on a whim and the unplanned litter of piglets that follows soon after. In *Eggs*, a Montana woman reminisces about collecting eggs at her grandparents’ country house. Years later, having never had a child, she attempts to do so. And in *The Case of the Howling Buddha*, retired Detective Sunderson—a recurring character from Harrison’s New York Times bestseller *The Great Leader and The Big Seven*—is hired to investigate a bizarre cult that achieves satori by howling along with howler monkeys at the zoo. “Still independent, fierce and feral,” *The Ancient Minstrel* confirms Jim Harrison as one of the most cherished and important writers in modern America (David Gates, *The New York Times*).

**She Came From Beyond!** Nadine Darling 2015-10-01 Easy Hardwick has it made. At just about thirty, she’s got a tumbledown cottage in small-town Oregon and an uncomplicated acting gig as the space-babe eye candy on a sci-fi parody show. She spends her downtime online, bickering with fans and fellow culture vultures about film trivia and relishing her minor-but-satisfying celebrity. Enter Harrison. What begins as a jocular online flirtation spills into a messy IRL affair, and Easy finds herself pregnant with twins and sharing her home with the love of her life...plus the teenage daughter, baby son, and slightly unhinged, soon-to-be ex wife she kind of didn’t totally know he had. Easy may play a space ditz in hot-pants on TV, but her voice is restlessly intelligent, negotiating the absurdities of a world lived onscreen and online and striving to make sense of heady problems: love affairs, ex-wives, teen girls, eating disorders, and whether cannibalistic flies count as zombies. Like the captive great white shark that sets Easy’s story in motion, Nadine Darling’s writing has got teeth. Her pointed, precise dialogue, empathetic insights, and live-wire observations elevate this novel from zany domestic drama to outlandish comic masterpiece.

**The Perfectionists** Simon Winchester 2018-05-08 “Another gem from one of the world’s justly celebrated historians specializing in unusual and always fascinating subjects and people.” — Booklist (starred review) The revered New York Times bestselling author traces the development of technology from the Industrial Age to the Digital Age to explore the single component crucial to advancement—precision—in a superb history that is both an homage and a warning for our future. The rise of manufacturing could not have happened without an attention to precision. At the dawn of the Industrial Revolution in eighteenth-century England, standards of measurement were established, giving way to the development of machine tools—machines that make machines. Eventually, the application of precision tools and methods resulted in the creation and mass production of items from guns and glass to mirrors, lenses, and cameras—and eventually gave way to further breakthroughs, including gene splicing, microchips, and the Hadron Collider. Simon Winchester takes us back to origins of the Industrial Age, to England where he introduces the scientific minds that helped usher in modern production: John Wilkinson, Henry Maudslay, Joseph Bramah, Jesse Ramsden, and Joseph Whitworth. It was Thomas Jefferson who later exported their discoveries to the fledgling United States, setting the nation on its course to become a manufacturing titan. Winchester moves forward through time, to today’s cutting-edge developments occurring around the world, from America to Western Europe to Asia. As he introduces the minds and methods that have changed the modern world, Winchester explores fundamental questions. Why is precision important? What are the different tools we use to measure it? Who has invented and perfected it? Has the pursuit of the ultra-precise in so many facets of human life blinded us to other things of equal value, such as an appreciation for the age-old traditions of craftsmanship, art, and high culture? Are we missing something that reflects the world as it is, rather than the world as we think we would wish it to be? And can the precise and the natural co-exist in society?

**Crucibles** Bernard Jaffe 1976-01-01 Brief biographies of great chemists, from Trevisan and Paracelsus to Bohr and Lawrence, provide a survey of the discoveries and advances that shaped modern chemistry **Sophie’s World** Jostein Gaarder 2007-03-20 One day Sophie comes home from school to find two questions in her mail: “Who are you?” and “Where does the world come from?” Before she knows it she is enrolled in a correspondence course with a mysterious philosopher. This begins Jostein Gaarder’s unique novel, which is not only a mystery, but also a complete and entertaining history of philosophy.

**Satellites** Michel Capderou 2006-01-16 This useful resource deals with satellite orbits, showing how the wide range of available orbits can be used in communications, positioning, remote-sensing, meteorology, and astronomy.

**Rare Earth** Peter D. Ward 2007-05-08 What determines whether complex life will arise on a planet, or even any life at all? Questions such as these are investigated in this groundbreaking book. In doing so, the authors synthesize information from astronomy, biology, and paleontology, and apply it to what we know about the rise of life on Earth and to what could possibly happen elsewhere in the universe. Everyone who has been thrilled by the recent discoveries of extrasolar planets and the indications of life on Mars and the Jovian moon Europa will be fascinated by *Rare Earth*, and its implications for those who look to the heavens for companionship.

**The Earth Is Weeping** Peter Cozzens 2018-03

**The Black Star Passes** John Campbell 2011-01-24 The arrival of an unseen dark sun whose attendant marauders aimed at the very end of civilization in this Solar System....

**War Dances** Sherman Alexie 2013-10-15 The bestselling, award-winning author’s “fiercely freewheeling collection of stories and poems about the tragicomedies of ordinary lives” (O, The Oprah Magazine).

Winner of the PEN/Faulkner Award for Fiction, *War Dances* blends short stories, poems, call-and-response, and more into something that only Sherman Alexie could have written. Ordinary men stand at the threshold of profound change, from a story about a famous writer caring for a dying but still willful father, to the tale of a young Indian boy who learns to value his own life by appreciating the deaths of others. Perceptions change, too, as “Another Proclamation” casts a shadow over Abraham Lincoln’s Emancipation Proclamation, and “Invisible Dog on a Leash” limns the heartbreak of shattered childhood illusions. And nostalgia for antiquated technology is tenderly rendered in “Ode to Mix Tapes” and “Ode to Pay Phones.” With his versatile voice, Alexie explores love, betrayal, fatherhood, alcoholism, and art in this spirited, soulful, and endlessly entertaining collection, transcending genre boundaries to create something truly unique. This ebook features an illustrated biography including rare photos from the author’s personal collection.

**I’ll Give You the Sun** Jandy Nelson 2015-10-27 A New York Times bestseller • One of Time Magazine’s 100 Best YA Books of All Time • Winner of the Michael L. Printz Award • A Stonewall Honor Book The radiant, award-winning story of first love, family, loss, and betrayal for fans of John Green, Becky Albertalli, and Adam Silvera “Dazzling.”—The New York Times Book Review “A blazing prismatic explosion of color.”—Entertainment Weekly “Powerful and well-crafted . . . Stunning.” —Time Magazine “We were all heading for each other on a collision course, no matter what. Maybe some people are just meant to be in the same story.” At first, Jude and her twin brother are Noah and Jude; inseparable. Noah draws constantly and is falling in love with the charismatic boy next door, while daredevil Jude wears red lipstick, cliff-dives, and does all the talking for both of them. Years later, they are barely speaking. Something has happened to change the twins in different yet equally devastating ways . . . but then Jude meets an intriguing, irresistible boy and a mysterious new mentor. The early years are Noah’s to tell; the later years are Jude’s. But they each have only half the story, and if they can only find their way back to one another, they’ll have a chance to remake their world. From the acclaimed author of *The Sky Is Everywhere*, this exhilarating novel will leave you breathless and teary and laughing—often all at once.

**Difficult Women** Roxane Gay 2017-01-03 Award-winning author and powerhouse talent Roxane Gay burst onto the scene with an Untamed State and the New York Times bestselling essay collection *Bad Feminist* (Harper Perennial). Gay returns with *Difficult Women*, a collection of stories of raw force and beauty, of hardscrabble lives, passionate loves, and quirky and vexed human connection. The women in these stories live lives of privilege and of poverty, are in marriages both loving and haunted by past crimes or emotional blackmail. A pair of sisters, grown now, have been inseparable ever since they were abducted together as children, and must negotiate the elder sister’s marriage. A woman married to a twin pretends not to realize when her husband and his brother impersonate each other. A stripper putting herself through college fends off the advances of an overzealous customer. A black engineer moves to Upper Michigan for a job and faces the malign curiosity of her colleagues and the difficulty of leaving her past behind. From a girls’ fight club to a wealthy subdivision in Florida where neighbors conform, compete, and spy on each other, Gay delivers a wry, beautiful, haunting vision of modern America reminiscent of Merritt Tierce, Jamie Quatro, and Miranda July.

**The Borrowed** Chan Ho-Kei 2017-01-03 A legendary detective uncovers Hong Kong’s darkest crimes: “An ambitious narrative brilliantly executed . . . What an achievement!” (John Burdett, author of *Bangkok 8*). From award-winning author Chan Ho-kei, *The Borrowed* tells the story of Kwan Chun-dok, a detective who’s worked in Hong Kong fifty years. Across six decades of Hong Kong’s volatile history, the narrative follows Kwan through the Leftist Riot of 1967, when a bombing plot threatens many lives; the conflict between the HK Police and ICAC (Independent Commission Against Corruption) in 1977; the Tiananmen Square Massacre in 1989; the Handover in 1997; and the present day of 2013, when Kwan is called on to solve his final case, the murder of a local billionaire, in a modern Hong Kong that increasingly resembles a police state. Along the way we meet Communist rioters, ultra-violent gangsters, pop singers emmeshed in the high-stakes machinery of star-making, and a people always caught in the shifting balance of political power, whether in London or Beijing. Tracing a broad historical arc, *The Borrowed* reveals just how closely everything is connected, how history repeats itself, and how we have come full circle to repeat the political upheaval and societal unrest of the past. It is a gripping, brilliantly constructed novel from a talented new voice.

**Cutting the Cord** Martin Cooper 2021-01-05 One of Time Magazine’s Top 100 Inventors in History shares an insider’s story of the cellphone, how it changed the world—and a view of where it’s headed. While at Motorola in the 1970s, wireless communications pioneer Martin Cooper invented the first handheld mobile phone. But the cellphone as we know it today almost didn’t happen. Now, in *Cutting the Cord*, Cooper takes readers inside the stunning breakthroughs, devastating failures, and political battles in the quest to revolutionize—and control—how people communicate. It’s a dramatic tale involving brilliant engineers, government regulators, lobbyists, police, quartz crystals, and a horse. Industry skirmishes sparked a political war in Washington to prevent a monopolistic company from dominating telecommunications. The drama culminated in the first-ever public call made on a handheld, portable telephone—by Cooper himself. The story of the cell phone has much to teach about innovation, strategy, and management. But the story of wireless communications is far from finished. This book also relates Cooper’s vision of the future. From the way we work and the way children learn to the ways we approach medicine and healthcare, advances in the cellphone will continue to reshape our world for the better.

**Reading for the IELTS** Mohammad Ali Salmami Nodoushan

**The Refugees** Viet Thanh Nguyen 2017-02-07 From the author of *The Sympathizer*, winner of the 2016 Pulitzer Prize for Fiction, *The Refugees* is the second piece of fiction from a powerful voice in American letters, praised as “beautiful and heartrending” (Joyce Carol Oates, *New Yorker*), “terrific” (Chicago Tribune), and “an important and incisive book” (Washington Post) Published in hardcover to astounding acclaim, *The Refugees* is the remarkable debut collection of short stories by Viet Thanh Nguyen, winner of the 2016 Pulitzer Prize for Fiction for his novel *The Sympathizer*. In these powerful stories, written over a period of twenty years and set in both Vietnam and America, Nguyen paints a vivid portrait of the experiences of people leading lives between two worlds, the adopted homeland and the country of

birth. With the same incisiveness as in *The Sympathizer*, in *The Refugees* Viet Thanh Nguyen gives voice to the hopes and expectations of people making life-changing decisions to leave one country for another, and the rifts in identity, loyalties, romantic relationships, and family that accompany relocation. From a young Vietnamese refugee who suffers profound culture shock when he comes to live with two gay men in San Francisco, to a woman whose husband is suffering from dementia and starts to confuse her for a former lover, to a girl living in Ho Chi Minh City whose older half-sister comes back from America having seemingly accomplished everything she never will, the stories are a captivating testament to the dreams and hardships of migration. The second work of fiction by a major new voice in American letters, *The Refugees* is a beautifully written and sharply observed book about the aspirations of those who leave one country for another, and the relationships and desires for self-fulfillment that define our lives.

**Bandit** Molly Brodak 2016-10-06 "Raw, poetic and compulsively readable ... I can't wait to buy a copy for everyone I know." Kathryn Stockett, author of *The Help* The summer she turned thirteen, Molly Brodak's father was arrested for robbing eleven banks. In time, the image she held of him would unravel further, as more and more unexpected facets of his personality came to light. *Bandit* is her attempt to discover what, exactly, is left, when the most fundamental relationship of your life turns out to have been built on falsehoods. It is also a scrupulously honest account of learning how to trust again, and to rebuild the very idea of family from scratch. Refusing to fence off the trickier sides of her father's character, Brodak tries to find, through crystalline, spellbinding prose, a version of him that does not rely on the easy answers but allows him to be: an unknowable and incomprehensible whole – who is also her father. Unforgettable, moving, and utterly relatable, *Bandit* is a story of the unpredictable complexity of family.

**Leadership in the Hood** Bob Sutton 2018-07-24 Hoods are informal groups and formal organizations that can create synergies and help us achieve more than we could on our own. A hood is an apt metaphor as it suggests that organizations aren't always simple and nice. They're compiled of teams that should be working in synchronicity, with direction, and in harmony for the benefit of stakeholders. Leading these hoods, however, isn't so simple as leaders must do more than obtain consensus; they must get people excited about executing a strategy, innovating with constant improvement, and adding value. Veteran business executive Bob Sutton shares lessons and strategies so you can: make individual team members better at what they do; eliminate dysfunction that can hurt operating results; back up your business vision with strategy; and empower people to operate within clear boundaries. The author also highlights ways to improve systems and processes, brand management techniques, navigating succession, business culture, and how to keep team members engaged. Whether you are just starting out as a leader or have been on your journey for many years, you'll find insights you can use in *Leadership in the Hood*.

**Inside Job** Stephen Pizzano 2015-09-29 New York Times Bestseller: A history of the S&L scandal that caused a financial disaster for American taxpayers: "Hard to put down" (Library Journal). For most of the 20th century, savings and loans were an invaluable thread of the American economy. But in the 1970s, Congress passed sweeping financial deregulation at the insistence of industry insiders that allowed these once quaint and useful institutions to spread their taxpayer-insured assets into new and risky investments. The looser regulations and reduced federal oversight also opened the industry to an army of shady characters, white-collar criminals, and organized crime groups. Less than 10 years later, half the nation's savings and loans were insolvent, leaving the American taxpayer on the hook for a large hunk of the nearly half a trillion dollars that had gone missing. The authors of *Inside Job* saw signs of danger long before the scandal hit nationwide. Decades after the savings and loan collapse, *Inside Job* remains a thrilling read and a sobering reminder that our financial institutions are more fragile than they appear.

**The Mystery Doc** Matthew McIntosh 2017-10-03 "A vast, beguiling...postmodern novel of ideas, misread intentions, and robots, told in words, pictures, symbols, and even blank pages" by the author of *Well* (Kirkus). Rooted in the western United States in the decade after 9/11, Matthew McIntosh's epic and elliptical novel follows a young writer and his wife as he attempts to write the follow-up to his first novel. He desperately searches for a form that will express the world as it has become, even as it continually shifts all around him. Pop-up ads, search results, web chats, snippets of conversation, lines of code, and film and television stills mix with alchemical mysteries, classical works of literature—and the story of a man who wakes up one morning having lost his memory. His only clue to his own identity is a single blank document on his computer called *The Mystery.doc*. From text messages to *The Divine Comedy*, first love to artificial intelligence, the book explores what makes us human—the stories we tell, the memories we hold on to, the memories we lose—and the relationships that give our lives meaning. Part love story, part memoir, part documentary, part existential whodunit, *The Mystery.doc* is a modern epic about the quest to find something lasting in a world where everything—and everyone—is in danger of slipping away. "McIntosh is a slacker Proust, writing about the underclass of Spokane rather than the upper classes of Paris as he attempts to convert memories and experience into art...a remarkable achievement."—Steven Moore, Washington Post

**Anatomy of a Song** Marc Myers 2016-11-01 "A winning look at the stories behind 45 pop, punk, folk, soul and country classics" in the words of Mick Jagger, Stevie Wonder, Cyndi Lauper and more (The Washington Post). Every great song has a fascinating backstory. And here, writer and music historian Marc Myers brings to life five decades of music through oral histories of forty-five era-defining hits woven from interviews with the artists who created them, including such legendary tunes as the Isley Brothers' *Shout*, Led Zeppelin's *Whole Lotta Love*, Janis Joplin's *Mercedes Benz*, and R.E.M.'s *Losing My Religion*. After receiving his discharge from the army in 1968, John Fogerty did a handstand—and reworked Beethoven's Fifth Symphony to come up with *Proud Mary*. Joni Mitchell remembers living in a cave on Crete with the mean old daddy who inspired her 1971 hit *Carey*. Elvis Costello talks about writing (*The Angels Wanna Wear My*) *Red Shoes* in ten minutes on the train to Liverpool. And Mick Jagger, Jimmy Page, Rod Stewart, the Clash, Jimmy Cliff, Roger Waters, Stevie Wonder, Keith Richards, Cyndi Lauper, and many other leading artists reveal the emotions, inspirations, and techniques behind their influential works. *Anatomy of a Song* is a love letter to the songs that have defined generations of listeners and "a rich history of both the music industry and the baby boomer era" (Los Angeles Times Book Review).

**Eccentric Orbits** John Bloom 2016-06-07 "Good corporate drama . . . an enlightening narrative of how new communications infrastructures often come about." —The Economist, "A Book of the Year 2016" In the early 1990s, Motorola developed a revolutionary satellite system called Iridium that promised to be its crowning achievement. Its constellation of 66 satellites in polar orbit was a mind-boggling technical accomplishment, surely the future of communication. The only problem was that Iridium the company was a commercial disaster. Only months after launching service, it was \$11 billion in debt, burning through \$100 million a month and crippled by baroque rate plans and agreements that forced calls through Moscow, Beijing, Fucino, Italy, and elsewhere. Bankruptcy was inevitable—the largest to that point in American history. And when no real buyers seemed to materialize, it looked like Iridium would go down as just a "science experiment." That is, until Dan Colussy got a wild idea. Colussy, a former head of Pan-Am now retired and working on his golf game in Palm Beach, heard about Motorola's plans to "de-orbit" the system and decided he would buy Iridium and somehow turn around one of the biggest blunders in the history of business. Impeccably researched and wonderfully told, *Eccentric Orbits* is a rollicking, unforgettable tale of technological achievement, business failure, the military-industrial complex, and one of the greatest deals of all time. "Deep reporting put forward with epic intentions . . . a story that soars and jumps and dives and digresses . . . [A] big, gutsy, exciting book." —The Wall Street Journal, "A Top 10 Nonfiction Book of 2016" "Spellbinding . . . A tireless researcher, Bloom delivers a superlative history . . . A tour de force." —Kirkus Reviews (starred review)

**Smaller Satellites: Bigger Business?** Michael J Rycroft 2013-06-29 Y. Fujimori, Symposium Programme Committee Chair, and Faculty Member, International Space University e-mail: fujimori@isu.isu.net.edu M.Rycroft, Faculty Member, International Space University e-mail: rycroft@isu.isu.net.edu N. Crosby, International Space University e-mail: norma@bock-crosby.fsbusines.co.uk For the sixth annual ISU Symposium the theme was "Smaller Satellites: Bigger Business? Concepts, Applications and Markets for Micro/Nanosatellites in a New Information World". Thus, the Symposium addressed the crucial question: are small satellites the saviour of space programmes around the world? It did this from the unique perspective of the International Space today? University - the interdisciplinary, international and intercultural perspective. This Symposium brought together a variety of people working on small satellites - engineers, scientists, planners, providers, operators, policy makers and business executives, together with representatives from regulatory bodies, from national and international organizations, and from the finance sector, and also entrepreneurs. Discussion and debate were encouraged, based on the papers presented and those published here.

**Intel Trinity**, The Michael S. Malone 2014-07-15 Based on unprecedented access to the corporation's archives, *The Intel Trinity* is the first full history of Intel Corporation—the essential company of the digital age—told through the lives of the three most important figures in the company's history: Robert Noyce, Gordon Moore, and Andy Grove. Often hailed the "most important company in the world," Intel remains, more than four decades after its inception, a defining company of the global digital economy. The legendary inventors of the microprocessor—the single most important product in the modern world—Intel today builds the tiny "engines" that power almost every intelligent electronic device on the planet. But the true story of Intel is the human story of the trio of geniuses behind it. Michael S. Malone reveals how each brought different things to Intel, and at different times. Noyce, the most respected high tech figure of his generation, brought credibility (and money) to the company's founding; Moore made Intel the world's technological leader; and Grove, has relentlessly driven the company to ever-higher levels of success and competitiveness. Without any one of these figures, Intel would never have achieved its historic success; with them, Intel made possible the personal computer, Internet, telecommunications, and the personal electronics revolutions. *The Intel Trinity* is not just the story of Intel's legendary past; it also offers an analysis of the formidable challenges that lie ahead as the company struggles to maintain its dominance, its culture, and its legacy. With eight pages of black-and-white photos.

**Profoundly Disturbing** Joe Bob Briggs 2003 What the critics are saying: "Beyond the bounds of depravity!"—London Evening Standard "Despicable . . . ugly and obscene . . . a degrading, senseless misuse of film and time." —The Los Angeles Times "People are right to be shocked." —The New Yorker From the murky depths can come the most extraordinary things. . . . *Profoundly Disturbing* examines the underground cult movies that have—unexpectedly and unintentionally—revolutionized the way that all movies would be made. Called "exploitation films" because they often exploit our most primal fears and desires, these overlooked movies pioneered new cinematographic techniques, subversive narrative structuring, and guerrilla marketing strategies that would eventually trickle up into mainstream cinema. In this book Joe Bob Briggs uncovers the most seminal cult movies of the twentieth century and reveals the fascinating untold stories behind their making. Briggs is best known as the cowboy-hat wearing, Texas-drawling host of Joe Bob's Drive-in Theater and *Monstervision*, which ran for fourteen years on cable TV. His goofy, disarming take offers a refreshingly different perspective on movies and film making. He will make you laugh out loud but then surprise you with some truly insightful analysis. And, with more than three decades of immersion in the cult movie business, Briggs has a wealth of behind-the-scenes knowledge about the people who starred in, and made these movies. There is no one better qualified or more engaging to write about this subject. All the subgenres in cult cinema are covered, with essays centering around twenty movies including *Triumph of the Will* (1938), *Mudhoney* (1965), *Night of the Living Dead* (1967), *Deep Throat* (1973), *The Texas Chain Saw Massacre* (1974), *Drunken Master* (1978), and *Crash* (1996). Accompanying the text are dozens of capsule reviews providing ideas for related films to discover, as well as kitschy and fun archival film stills. An essential reference and guide to this overlooked side of cinema. *Profoundly Disturbing* should be in the home of every movie fan, especially those who think they've seen everything.

**The Varieties of Scientific Experience** Carl Sagan 2006-11-02 "Ann Druyan has unearthed a treasure. It is a treasure of reason, compassion, and scientific awe. It should be the next book you read." —Sam Harris, author of *The End of Faith* "A stunningly valuable legacy left to all of us by a great human being. I miss him so." —Kurt Vonnegut Carl Sagan's prophetic vision of the tragic resurgence of fundamentalism and the hope-filled potential of the next great development in human spirituality The late great astronomer and astrophysicist describes his personal search to understand the nature of the sacred in the vastness of the cosmos. Exhibiting a breadth of intellect nothing short of astounding, Sagan presents his views on a wide range of topics, including the likelihood of intelligent life on other planets, creationism and so-called intelligent design, and a new concept of science as "informed worship." Originally presented at the centennial celebration of the famous Gifford Lectures in Scotland in 1985 but never published, this book offers a unique encounter with one of the most remarkable minds of the twentieth century.

**Hue 1968** Mark Bowden 2017-06-06 New York Times Bestseller A Los Angeles Times Book Prize Finalist in History Winner of the 2018 Marine Corps Heritage Foundation Greene Award for a distinguished work of nonfiction "An extraordinary feat of journalism . . . full of emotion and color." —Karl Marlantes, Wall Street Journal The first battle book from Mark Bowden since his #1 New York Times bestseller *Black Hawk Down*, *Hue 1968* is the story of the centerpiece of the Tet Offensive and a turning point in the American War in Vietnam. In the early hours of January 31, 1968, the North Vietnamese launched over one hundred attacks across South Vietnam in what would become known as the Tet Offensive. The lynchpin of Tet was the capture of Hue, Vietnam's intellectual and cultural capital, by 10,000 National Liberation Front troops who descended from hidden camps and surged across the city of 140,000. Within hours the entire city was in their hands save for two small military outposts. American commanders refused to believe the size and scope of the Front's presence, ordering small companies of marines against thousands of entrenched enemy troops. After several futile and deadly days, Lieutenant Colonel Ernie Cheatham would finally come up with a strategy to retake the city, block by block and building by building, in some of the most intense urban combat since World War II. With unprecedented access to war archives in the U.S. and Vietnam and interviews with participants from both sides, Bowden narrates each stage of this crucial battle through multiple viewpoints. Played out over 24 days and ultimately costing 10,000 lives, the Battle of Hue was by far the bloodiest of the entire war. When it ended, the American debate was never again about winning, only about how to leave. *Hue 1968* is a gripping and moving account of this pivotal moment.

**Evidence of Love** John Bloom 2016-12-20 The "fascinating" true story behind the HBO Max and Hulu series about Texas housewife Candy Montgomery and the bizarre murder that shocked a community (Los Angeles Times Book Review). Candy Montgomery and Betty Gore had a lot in common: They sang together in the Methodist church choir, their daughters were best friends, and their husbands had good jobs working for technology companies in the north Dallas suburbs known as Silicon Prairie. But beneath the placid surface of their seemingly perfect lives, both women simmered with unspoken frustrations and unanswered desires. On a hot summer day in 1980, the secret passions and jealousies that linked Candy and Betty exploded into murderous rage. What happened next is usually the stuff of fiction. But the bizarre

and terrible act of violence that occurred in Betty's utility room that morning was all too real. Based on exclusive interviews with the Gore and Montgomery families, Edgar Award finalist Evidence of Love is the "superbly written" account of a gruesome tragedy and the trial that made national headlines when the defendant entered the most unexpected of pleas: not guilty by reason of self-defense (Fort Worth Star-Telegram). Adapted into the Emmy and Golden Globe Award-winning television movie *A Killing in a Small Town*—as well as the new limited series *Candy on Hulu* and *Love and Death on HBO Max*—this chilling tale of sin and savagery will "fascinate true crime aficionados" (Kirkus Reviews).

**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.

*Space 2.0* Joseph N. Pelton 2019-04-26 A true revolution has rocked the space industry, as Silicon Valley and new startup companies around the world have shaken up the status quo. This has in turn triggered a hefty response among traditional aerospace companies, launching the sector into the new Space 2.0. This book explains how and why this remarkable change has happened, starting from the industry's origins during the Space Age and working its way to the present day. No other industry in the world has experienced the dramatic shift in technology and services as rapidly as the field of satellite services and rocket launch systems has. This book analyzes the dynamic shift over the past decade in how satellites are designed, manufactured, launched, and operated. It also turns an eye to the future, discussing the amazing feats and potential issues we can expect from this shifting arena by 2030. With its beginner-friendly writing style and plethora of illustrations, this book serves as a perfect introductory text to students and professionals alike wishing to learn more about the key trends in the field of space applications and launch systems.

**History of Wolves** Emily Fridlund 2017-01-03 "So delicately calibrated and precisely beautiful that one might not immediately sense the sledgehammer of pain building inside this book. And I mean that in the best way. What powerful tension and depth this provides!"—Aimee Bender Fourteen-year-old Linda lives with her parents in the beautiful, austere woods of northern Minnesota, where their nearly abandoned commune stands as a last vestige of a lost counter-culture world. Isolated at home and an outlander at school, Linda is drawn to the enigmatic, attractive Lily and new history teacher Mr. Grierson. When Mr. Grierson is charged with possessing child pornography, the implications of his arrest deeply affect Linda as she wrestles with her own fledgling desires and craving to belong. And then the young Gardner family moves in across the lake and Linda finds herself welcomed into their home as a babysitter for their little boy, Paul. It seems that her life finally has purpose but with this new sense of belonging she is also drawn into secrets she doesn't understand. Over the course of a few days, Linda makes a set of choices that reverberate throughout her life. As she struggles to find a way out of the sequestered world into which she was born, Linda confronts the life-and-death consequences of the things people do—and fail to do—for the people they love. Winner of the McGinnis-Ritchie award for its first chapter, Emily Fridlund's propulsive and gorgeously written *History of Wolves* introduces a new writer of enormous range and talent.

**I Want to Show You More** Jamie Quatro 2013-03-05 "Passionate, sensuous, savagely intense, and remarkable" stories of the American South, "like some franker, modernized Flannery O'Connor" (The New Yorker). Welcome to Lookout Mountain on the border of Georgia and Tennessee. Mixing white-hot yearning with daring humor, this short-story collection of infidelity, spirituality, sexuality, and family is at once "strange, thrilling, and disarmingly honest . . . the closest thing I've seen in years to Donald Barthelme's insouciance, sweetness and ominousness" (The New York Times Book Review). These fifteen linked tales confront readers with dark theological complexities, fractured marriages, and mercurial temptations: a husband discovers the decaying corpse of his wife's lover in their bed; an enigmatic deaf man becomes the catalyst in the destruction of his church; a child's perspective on life is altered after the attempted murder of a loved one; an embarrassed teenager is forced to attend a pool party with her quadriplegic mother; the hole in a young boy's heart is magically sealed when he falls in love for the first time. "Fasten your seat belt. . . . These amazing stories explore the human boundaries between the physical world and the spiritual—just, betrayal, and loss in perfect balance with love, redemption, and grace." —Jill McCorkle, author of *Life After Life* "These are stories that make you stop whatever you're doing and read. . . . I salute a brilliant new American writer." —Tom Franklin, Edgar Award-winning author "A brilliant new voice in American fiction has arrived. . . . She has earned a place alongside Amy Hempel, Lydia Davis, and Alice Munro." —David Means, author of *Hystopia*

**Satellite Orbits** Oliver Montenbruck 2000 This modern presentation guides readers through the theory and practice of satellite orbit prediction and determination. Starting from the basic principles of orbital mechanics, it covers elaborate force models as well as precise methods of satellite tracking. The accompanying CD-ROM includes source code in C++ and relevant data files for applications. The result is a powerful and unique spaceflight dynamics library, which allows users to easily create software extensions. An extensive collection of frequently updated Internet resources is provided through WWW hyperlinks.

**Atmospheric Evolution on Inhabited and Lifeless Worlds** David C. Catling 2017-04-13 A comprehensive and authoritative text on the formation and evolution of planetary atmospheres, for graduate-level students and researchers.

**Lights On, Rats Out** Cree LeFavour 2017-08-01 "A harrowing, beautiful, searching, and deeply literary memoir. In these pages, we watch Cree LeFavour evolve from a wounded (and wounding) lost girl to a woman who can at last regard her existence with a modicum of mercy and forgiveness...a story of true self-salvation and transformation."—Elizabeth Gilbert As a young college graduate a year into treatment with a psychiatrist, Cree LeFavour's began to organize her days around the cruel, compulsive logic of self-harm: with each newly lit cigarette, the world would drop away as her focus narrowed to an unblemished patch of skin calling out for attention and the fierce, blooming release of pleasure-pain as the burning tip was applied to the skin. Her body was a canvas of cruelty; each scar a mark of pride and shame. In sharp and shocking language, *Lights On, Rats Out* brings us closely into these years, allowing us to feel the pull of a stark compulsion taking over a mind. We see the world as Cree did—turned upside down, the richness of life muted and dulled, its pleasures perverted. The heady, vertiginous thrill of meeting with her psychiatrist, Dr. X—whose relationship with Cree is at once sustaining and paralyzing—comes to be the only bright spot in her mental solitude. Her extraordinary access to and inclusion of the notes kept by Dr. X during treatment offer concrete evidence of Cree's transformation over 3 years of therapy. But it is her own evocative and razor-sharp prose that traces a path from a lonely and often sad childhood to her reluctant commitment to and emergence from a psychiatric hospital, to the saving refuge of literature and eventual acceptance of love. Moving deftly between the dialogue and observations from psychiatric records and elegant, incisive reflection on youth and early adulthood, *Lights On, Rats Out* illuminates a fiercely bright and independent woman's charged attachment to a mental health professional and the dangerous compulsion to keep him in her life at all costs.

**The Idea Factory** Jon Gertner 2013-02-26 The definitive history of America's greatest incubator of innovation and the birthplace of some of the 20th century's most influential technologies "Filled with colorful characters and inspiring lessons . . . The Idea Factory explores one of the most critical issues of our time: What causes innovation?" —Walter Isaacson, The New York Times Book Review "Compelling . . . Gertner's book offers fascinating evidence for those seeking to understand how a society should best invest its research resources." —The Wall Street Journal From its beginnings in the 1920s until its demise in the 1980s, Bell Labs—officially, the research and development wing of AT&T—was the biggest, and arguably the best, laboratory for new ideas in the world. From the transistor to the laser, from digital communications to cellular telephony, it's hard to find an aspect of modern life that hasn't been touched by Bell Labs. In *The Idea Factory*, Jon Gertner traces the origins of some of the twentieth century's most important inventions and delivers a riveting and heretofore untold chapter of American history. At its heart this is a story about the life and work of a small group of brilliant and eccentric men—Mervin Kelly, Bill Shockley, Claude Shannon, John Pierce, and Bill Baker—who spent their careers at Bell Labs. Today, when the drive to invent has become a mantra, Bell Labs offers us a way to enrich our understanding of the challenges and solutions to technological innovation. Here, after all, was where the foundational ideas on the management of innovation were born.

**Neither Snow Nor Rain** Devin Leonard 2016-05-03 "[The] book makes you care what happens to its main protagonist, the U.S. Postal Service itself. And, as such, it leaves you at the end in suspense." —USA Today Founded by Benjamin Franklin, the United States Postal Service was the information network that bound far-flung Americans together, and yet, it is slowly vanishing. Critics say it is slow and archaic. Mail volume is down. The workforce is shrinking. Post offices are closing. In *Neither Snow Nor Rain*, journalist Devin Leonard tackles the fascinating, centuries-long history of the USPS, from the first letter carriers through Franklin's days, when postmasters worked out of their homes and post roads cut new paths through the wilderness. Under Andrew Jackson, the post office was molded into a vast patronage machine, and by the 1870s, over seventy percent of federal employees were postal workers. As the country boomed, USPS aggressively developed new technology, from mobile post offices on railroads and airmail service to mechanical sorting machines and optical character readers. Neither *Snow Nor Rain* is a rich, multifaceted history, full of remarkable characters, from the stamp-collecting FDR, to the revolutionaries who challenged USPS's monopoly on mail, to the renegade union members who brought the system—and the country—to a halt in the 1970s. "Delectably readable . . . Leonard's account offers surprises on almost every other page . . . [and] delivers both the triumphs and travails with clarity, wit and heart." —Chicago Tribune

**So Brave, Young, and Handsome** Leif Enger 2009-04-01 "An almost perfect novel" of yearning, adventure, and redemption in the dying days of the Old West from the bestselling author of *Peace Like a River* (St. Louis Post-Dispatch). Minnesota, 1915. With success long behind him, writer, husband, and father Monte Becket has lost his sense of purpose . . . until he befriends outlaw Glendon Hale. Plagued by guilt over abandoning his wife two decades ago, Hale is heading back West in search of absolution. And he could use some company on the journey. As the modern age marches swiftly forward, Becket agrees to travel into Hale's past, leaving behind his own family for an adventure that will test the depth of his loyalties and morals, and the strength of his resolve. As they flee the relentless former Pinkerton Detective who's been hunting Hale for years, Becket falls ever further into the life of an outlaw—perhaps to the point of no return. With its smooth mix of romanticism and gritty reality, *So Brave, Young, and Handsome* examines one ordinary man's determination to risk everything in order to understand what it's all worth, in "an old-fashioned, swashbuckling, heroic Western . . . [An] adventure of the heart and mind (The Washington Post Book World).

**Eccentric Orbits** John Bloom 2016-06-14 In the early 1990s, Motorola, the legendary American company, made a huge gamble on a revolutionary satellite telephone system called Iridium. Light-years ahead of anything previously put into space, and built on technology developed for Ronald Reagan's 'Star Wars,' Iridium's constellation of sixty-six satellites in six evenly spaced orbital planes meant that at least one satellite was always overhead. Iridium was a mind-boggling technical accomplishment, surely the future of communication. The only problem was that Iridium was also a commercial disaster. Only months after launching service, it was \$11 billion in debt, burning through \$100 million a month and bringing in almost no revenue. Bankruptcy was inevitable - the largest to that point in American history. It looked like Iridium would go down as just a 'science experiment.' That is, until Dan Colussy got a wild idea. Colussy, a former CEO of Pan Am, heard about Motorola's plans to 'de-orbit' the system and decided he would buy Iridium and somehow turn around one of the biggest blunders in the history of business. *Eccentric Orbits* masterfully traces the birth of Iridium and Colussy's tireless efforts to stop it from being destroyed, from meetings with his motley investor group, to the Clinton White House, to the Pentagon, to the hunt for customers in special ops, shipping, aviation, mining, search and rescue. Impeccably researched and wonderfully told, *Eccentric Orbits* is a rollicking, unforgettable tale of technological achievement, business failure, the military-industrial complex and one of the greatest deals of all time.