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**Active Control of Noise and Vibration** - Colin Hansen 2012-11-02

Since the publication of the first edition, considerable progress has been made in the development and application of active noise control (ANC) systems, particularly in the propeller aircraft and automotive industries. Treating the active control of both sound and vibration in a unified way, this second edition of Active Control of Noise and Vibra

*Traces of Vermeer* - Jane Jelley 2017-07-14

Johannes Vermeer's luminous paintings are loved and admired around the world, yet we do not understand how they were made. We see sunlit spaces; the glimmer of satin, silver, and linen; we see the softness of a hand on a lute string or letter. We recognise the distilled impression of a moment of time; and we feel it to be real. We might hope for some answers from the experts, but they are confounded too. Even with the modern technology available, they do not know why there is an absence of any preliminary drawing; why there are shifts in focus; and why his pictures are unusually blurred. Some wonder if he might possibly have used a camera obscura to capture what he saw before him. The few traces Vermeer has left behind tell us little: there are no letters or diaries; and no reports of him at work. Jane Jelley has taken a new path in this detective story. A painter herself, she has worked with the materials of his time: the cochineal insect and lapis lazuli; the sheep bones, soot, earth and rust. She shows us how painters made their pictures layer by layer; she investigates old secrets; and hears travellers' tales. She explores how Vermeer could have used a lens in the creation of his masterpieces. The clues were there all along. After all this time, now we can unlock the studio door, and catch a glimpse of Vermeer inside, painting light.

Rossi's Principles of Transfusion Medicine - Toby L. Simon 2016-03-15

Rossi's Principles of Transfusion Medicine is the most comprehensive and practical reference on transfusion science and medicine available Led by a world class Editor team, including two past-presidents of AABB, a past-President of the American Board of Pathology and members of the FDA Blood Products Advisory Committee , and international contributor team Comprehensive reference resource, considered the gold standard in transfusion Covers current hot topics such as donor care – including the frequency of donation and management of iron deficiency/status), patient blood management, hemovigilance,

cstem cell therapies, and global aspects of the organization of transfusion and transplant services New material on molecular immunohematology Companion website includes figures, full text and references

*The Philosophical Breakfast Club* - Laura J. Snyder 2012-01-17

"[A] fascinating book...about the way four geniuses at Cambridge University revolutionized modern science." –Newsweek The Philosophical Breakfast Club recounts the life and work of four men who met as students at Cambridge University: Charles Babbage, John Herschel, William Whewell, and Richard Jones. Recognizing that they shared a love of science (as well as good food and drink) they began to meet on Sunday mornings to talk about the state of science in Britain and the world at large. Inspired by the great 17th century scientific reformer and political figure Francis Bacon—another former student of Cambridge—the Philosophical Breakfast Club plotted to bring about a new scientific revolution. And to a remarkable extent, they succeeded, even in ways they never intended. Historian of science and philosopher Laura J. Snyder exposes the political passions, religious impulses, friendships, rivalries, and love of knowledge—and power—that drove these extraordinary men. Whewell (who not only invented the word "scientist," but also founded the fields of crystallography, mathematical economics, and the science of tides), Babbage (a mathematical genius who invented the modern computer), Herschel (who mapped the skies of the Southern Hemisphere and contributed to the invention of photography), and Jones (a curate who shaped the science of economics) were at the vanguard of the modernization of science. This absorbing narrative of people, science and ideas chronicles the intellectual revolution inaugurated by these men, one that continues to mold our understanding of the world around us and of our place within it. Drawing upon the voluminous correspondence between the four men over the fifty years of their work, Laura J. Snyder shows how friendship worked to spur the men on to greater accomplishments, and how it enabled them to transform science and help create the modern world. "The lives and works of these men come across as fit for Masterpiece Theatre." –Wall Street Journal "Snyder succeeds famously in evoking the excitement, variety and wide-open sense of possibility of the scientific life in 19th-century Britain...splendidly evoked in this engaging book." –American Scientist "This fine book is as wide-ranging and anecdotal, as excited and exciting, as those long-ago Sunday morning conversations at Cambridge. The Philosophical Breakfast Club forms a natural successor to Jenny Uglow's *The Lunar Men*...and Richard Holmes's *The Age of Wonder*." –Washington Post

*The Cliff Walk* - Don J. Snyder 2014-09-23

Five years ago, Don Snyder was teaching English at Colgate University. He was forty years old and had a wife, three children, a new baby on the way, and what seemed like a secure middle-class future. But then Snyder lost his chance at tenure -- and, all of a sudden, he was out of a job. *The Cliff Walk* is a moving, clear-eyed account of Snyder's agonizing loss and what it feels like to fall, rung by rung, down the socio-economic ladder. Snyder chronicles the denial and disbelief he went through as his hopes of finding another teaching job faded after being rejected for ninety positions. He explains how each painful change -- selling his house, buying groceries with food stamps -- reminded him how much he and his family had taken for granted in their previous

life. And he describes how he finally found new hope in a job on a home construction crew in Maine. Working outside for ten hours a day through a vicious winter taught Snyder about his own cowardice and the lies he had come to believe about what a professional life of hard work entitled him to. Written with precision and elegance, *The Cliff Walk* captures the depth of one family's love and speaks to anyone who has ever wondered what it would be like to be out of a job and out in the cold.

William Whewell, a Composite Portrait - Menachem Fisch 1991

This collection of essays examines the life of William Whewell, a widely influential figure in Victorian intellectual culture. The contributors, all recognized authorities in the fields of history, history of science, and philosophy, examine Whewell's contributions to such diverse areas as moral philosophy, mineralogy, architecture, the politics of education, physics, engineering, and theology. A wide-ranging study, the volume makes an important contribution to our understanding of Victorian intellectual life and its aftermath.

**Visions of Science** - James A. Secord 2014

The first half of the nineteenth century witnessed an extraordinary transformation in British political, literary, and intellectual life. There was widespread social unrest, and debates raged regarding education, the lives of the working class, and the new industrial, machine-governed world. At the same time, modern science emerged in Europe in more or less its current form, as new disciplines and revolutionary concepts, including evolution and the vastness of geologic time, began to take shape. In *Visions of Science*, James A. Secord offers a new way to capture this unique moment of change. He explores seven key books—among them Charles Babbage's *Reflections on the Decline of Science*, Charles Lyell's *Principles of Geology*, Mary Somerville's *Connexion of the Physical Sciences*, and Thomas Carlyle's *Sartor Resartus*—and shows how literature that reflects on the wider meaning of science can be revelatory when granted the kind of close reading usually reserved for fiction and poetry. These books considered the meanings of science and its place in modern life, looking to the future, coordinating and connecting the sciences, and forging knowledge that would be appropriate for the new age. Their aim was often philosophical, but Secord shows it was just as often imaginative, projective, and practical: to suggest not only how to think about the natural world but also to indicate modes of action and potential consequences in an era of unparalleled change. *Visions of Science* opens our eyes to how genteel ladies, working men, and the literary elite responded to these remarkable works. It reveals the importance of understanding the physical qualities of books and the key role of printers and publishers, from factories pouring out cheap compendia to fashionable publishing houses in London's West End. Secord's vivid account takes us to the heart of an information revolution that was to have profound consequences for the making of the modern world.

**Reforming Philosophy** - Laura J. Snyder 2010-11-15

The Victorian period in Britain was an "age of reform." It is therefore not surprising that two of the era's most eminent intellects described themselves as reformers. Both William Whewell and John Stuart Mill believed that by reforming philosophy—including the philosophy of science—they could effect

social and political change. But their divergent visions of this societal transformation led to a sustained and spirited controversy that covered morality, politics, science, and economics. Situating their debate within the larger context of Victorian society and its concerns, *Reforming Philosophy* shows how two very different men captured the intellectual spirit of the day and engaged the attention of other scientists and philosophers, including the young Charles Darwin. Mill—philosopher, political economist, and Parliamentarian—remains a canonical author of Anglo-American philosophy, while Whewell—Anglican cleric, scientist, and educator—is now often overlooked, though in his day he was renowned as an authority on science. Placing their teachings in their proper intellectual, cultural, and argumentative spheres, Laura Snyder revises the standard views of these two important Victorian figures, showing that both men's concerns remain relevant today. A philosophically and historically sensitive account of the engagement of the major protagonists of Victorian British philosophy, *Reforming Philosophy* is the first book-length examination of the dispute between Mill and Whewell in its entirety. A rich and nuanced understanding of the intellectual spirit of Victorian Britain, it will be welcomed by philosophers and historians of science, scholars of Victorian studies, and students of the history of philosophy and political economy.

**Fallen Angel** - Don J. Snyder 2003-11-04

Eight-year-old Terry McQuinn's life changed one snowy Christmas Eve on the coast of Maine when he glimpsed the "summer people's" world previously unknown to this caretaker's son. Serenity Cottage was a place of beauty and privilege owned by the luminous Halworths -- but in the blink of an eye, tragedy left them in ruins. Determined not to follow in his father's footsteps, Terry grew up to become a high-flying Hollywood film agent -- but he has lost himself along the way. When he is called back to Maine by his father's death, he finds a note that stops him cold: Open Serenity for Christmas. No one has been in the house in thirty years. Although Terry's first instinct is to leave it all behind, he discovers that Katherine Halworth, the girl he remembers from that fateful night, is the new owner. With her arrival imminent, Terry's past comes rushing back and he soon learns that it's never too late to forgive -- and never too late to love.

*Emotion Regulation in Couples and Families* - Douglas K. Snyder 2006

This is an edited book that addresses critical theoretical and methodological issues in the rapidly advancing field of emotion regulation. It presents empirical findings linking emotion regulation to individual and relationship functioning across the life span, while providing implications for clinical intervention, public policy, and future research. Contributors - who are nationally and internationally recognized for their expertise in social, developmental, and clinical disciplines - offer diverse perspectives on the role of emotion regulation processes in dysfunction and health. In addition to advancing the latest empirical developments, this volume will also be a prime resource for graduate students and practitioners working with children, couples, and families for whom emotion regulation difficulties are targets of clinical intervention.

*Nobody Home* - Gary Snyder 2014-11-11

In this thoughtful, affectionate collection of interviews and letters spanning three decades, beloved poet Gary Snyder talks with South African writer and scholar Julia Martin. Over this period many things changed decisively—globally, locally, and in their personal lives—and these changing conditions provide the back story for a long conversation. It begins in the early 1980s as an intellectual exchange between an earnest graduate student and a generous distinguished writer, and becomes a long-distance friendship and an exploration of spiritual practice. At the project's heart is Snyder's understanding of Buddhism. Again and again, the conversations return to an explication of the teachings. Snyder's characteristic approach is to articulate a direct experience of Buddhist practice rather than any kind of abstract philosophy. In the version he describes here, this practice finds expression not primarily as an Asian import or a monastic ideal, but in the specificities of a householder's life as lived creatively in a particular location at a particular moment in history. This means that whatever "topic" a dialogue explores, there is a sense that all of it is about practice—the spiritual-social practice of a contemporary poet.

The Practice of the Wild - Gary Snyder 2020-09-08

"This is an important book for anyone interested in the ethical interrelationships of things, places, and people, and it is a book that is not just read but taken in." —Library Journal Featuring a new introduction by Robert Hass, the nine captivatingly meditative essays in *The Practice of the Wild* display the deep understanding and wide erudition of Gary Snyder in the ways of Buddhist belief, wildness, wildlife, and the world. These essays, first published in 1990, stand as the mature centerpiece of Snyder's work and thought, and this profound collection is widely accepted as one of the central texts on wilderness and the interaction of nature and culture.

**Hostage** - Robert Crais 2020-05-26

The bestselling author of *Demolition Angel* and *L.A. Requiem* returns with his most intense and intricate thriller yet. As the *Los Angeles Times* said, Robert Crais is "a crime writer operating at the top of his game." His complex heroes and heroines, his mastery of noir atmosphere, and his brilliant, taut plots have catapulted him into the front rank of a new breed of thriller writers. *Hostage* proves his earlier success was no fluke. It's an unstoppable read. An ex-con with delusions of grandeur and his tagalong brother unwittingly team up with a psychopath one wrong word away from meltdown. When their late afternoon joyride turns into a random act of violence, they take a family hostage in the affluent bedroom community of Bristo Camino. Enter Chief of Police Jeff Talley, a stressed-out former LAPD SWAT negotiator who is hiding from his past. Plunged back into the high-pressure world that he desperately wants to forget, Talley soon learns that his nightmare has only begun. The hostages are not who they seem, and the home contains secrets that even L.A.'s most lethal and volatile crime lord, Sonny Benza, fears. As Talley tries to hold himself together and save the people inside, the full weight of Benza's wrath descends on him, putting the police chief and his own family at risk. Soon, all involved are held hostage by the exigencies of fate and the only one capable of diffusing the standoff is the least stable of them all. *Hostage* is a blistering stand-alone thriller with superb characters in crisis, multistranded plotting, and

pitch-perfect Southern California sensibility.

Humanitarianism in Question - Michael Barnett 2012-05-15

Years of tremendous growth in response to complex emergencies have left a mark on the humanitarian sector. Various matters that once seemed settled are now subjects of intense debate. What is humanitarianism? Is it limited to the provision of relief to victims of conflict, or does it include broader objectives such as human rights, democracy promotion, development, and peacebuilding? For much of the last century, the principles of humanitarianism were guided by neutrality, impartiality, and independence. More recently, some humanitarian organizations have begun to relax these tenets. The recognition that humanitarian action can lead to negative consequences has forced humanitarian organizations to measure their effectiveness, to reflect on their ethical positions, and to consider not only the values that motivate their actions but also the consequences of those actions. In the indispensable *Humanitarianism in Question*, Michael Barnett and Thomas G. Weiss bring together scholars from a variety of disciplines to address the humanitarian identity crisis, including humanitarianism's relationship to accountability, great powers, privatization and corporate philanthropy, warlords, and the ethical evaluations that inform life-and-death decision making during and after emergencies.

**Scientific Evidence** - Peter Achinstein 2005-06

Physicists think they have discovered the top quark. Biologists believe in evolution. But what precisely constitutes evidence for such claims, and why? Scientists often disagree with one another over whether or to what extent some evidence counts in favor of a theory because they are operating with different concepts of scientific evidence. These concepts need to be critically explored. Peter Achinstein has gathered some prominent philosophers and historians of science for critical and lively discussions of both general questions about the meaning of evidence and specific ones about evidence for particular scientific theories. Contributors: Peter Achinstein, The Johns Hopkins University; Steven Gimbel, Gettysburg College; Gary Hatfield, University of Pennsylvania; Frederick M. Kronz, University of Texas–Austin; Helen Longino, University of Minnesota; Deborah G. Mayo, Virginia Tech; Amy L. McLaughlin, Florida Atlantic University; John Norton, University of Pittsburgh; Lawrence M. Principe, The Johns Hopkins University; Richard Richards, University of Alabama; Alex Rosenberg, Duke University; Sherrilyn Roush, Rice University; Laura J. Snyder, St. Johns University; Kent Staley, St. Louis University.

**John Locke and Natural Philosophy** - Peter R. Anstey 2011-03-31

Peter Anstey presents an innovative study of John Locke's views on the method and content of natural philosophy. He argues that Locke was an advocate of the experimental philosophy: the new approach to natural philosophy championed by the scientists of the Royal Society who were opposed to speculative philosophy.

*Young Rembrandt: A Biography* - Onno Blom 2020-09-08

A captivating exploration of the little-known story of Rembrandt's formative years by a prize-winning biographer. Rembrandt van Rijn's early years are as famously shrouded in mystery as Shakespeare's, and his life has always been an enigma. How did a miller's son from a provincial Dutch town become the greatest artist of his age? How in short, did Rembrandt become Rembrandt? Seeking the

roots of Rembrandt's genius, the celebrated Dutch writer Onno Blom immersed himself in Leiden, the city in which Rembrandt was born in 1606 and where he spent his first twenty-five years. It was a turbulent time, the city having only recently rebelled against the Spanish. There are almost no written records by or about Rembrandt, so Blom tracked down old maps, sought out the Rembrandt family house and mill, and walked the route that Rembrandt would have taken to school. Leiden was a bustling center of intellectual life, and Blom, a native of Leiden himself, brings to life all the places Rembrandt would have known: the university, library, botanical garden, and anatomy theater. He investigated the concerns and tensions of the era: burial rites for plague victims, the renovation of the city in the wake of the Spanish siege, the influx of immigrants to work the cloth trade. And he examined the origins and influences that led to the famous and beloved paintings that marked the beginning of Rembrandt's celebrated career as the paramount painter of the Dutch Golden Age. *Young Rembrandt* is a fascinating portrait of the artist and the world that made him. Evocatively told and beautifully illustrated with more than 100 color images, it is a superb biography that captures Rembrandt for a new generation.

**Vermeer's Camera** - Philip Steadman 2002

Art historians have long speculated on how Vermeer achieved the uncanny mixture of detached precision, compositional repose, and perspective accuracy that have drawn many to describe his work as "photographic." Indeed, many wonder if Vermeer employed a camera obscura, a primitive form of camera, to enhance his realistic effects? In *Vermeer's Camera*, Philip Steadman traces the development of the camera obscura--first described by Leonardo da Vinci--weighs the arguments that scholars have made for and against Vermeer's use of the camera, and offers a fascinating examination of the paintings themselves and what they alone can tell us of Vermeer's technique. Vermeer left no record of his method and indeed we know almost nothing of the man nor of how he worked. But by a close and illuminating study of the paintings Steadman concludes that Vermeer did use the camera obscura and shows how the inherent defects in this primitive device enabled Vermeer to achieve some remarkable effects--the slight blurring of image, the absence of sharp lines, the peculiar illusion not of closeness but of distance in the domestic scenes. Steadman argues that the use of the camera also explains some previously unexplainable qualities of Vermeer's art, such as the absence of conventional drawing, the pattern of underpainting in areas of pure tone, the pervasive feeling of reticence that suffuses his canvases, and the almost magical sense that Vermeer is painting not objects but light itself. Drawing on a wealth of Vermeer research and displaying an extraordinary sensitivity to the subtleties of the work itself, Philip Steadman offers in *Vermeer's Camera* a fresh perspective on some of the most enchanting paintings ever created.

**Walking with Jack** - Don J. Snyder 2014-04-08

When Don Snyder was teaching the game of golf to his son, Jack, they made a pact: if Jack ever played on a pro golf tour, Don would walk beside him as his caddie. So when Jack developed into a standout college golfer years later, Don left the comfort of his Maine home and moved to St. Andrews, Scotland, to learn from the best caddies in the world on famed courses like the Old Course and Kingsbarns. He eventually fought his way onto the full-time caddie rotation and

recorded the fascinating stories of golfers from every station in life. A world away, Jack endured his own arduous trials, rising through the ranks and battling within the college golf system. When Don and Jack finally reunite to face the challenges of high-level golf competition together, this moving, one-of-a-kind narrative reveals the special bond between father and son.

**How to Write Songs on Guitar** - Rikky Rooksby 2000

Explains how to create songs to be played on guitar, including advice on such basics of songwriting as structure, rhythm, melody, and lyrics.

*Scientific Babel* - Michael D. Gordin 2015-04-13

English is the language of science today. No matter which languages you know, if you want your work seen, studied, and cited, you need to publish in English. But that hasn't always been the case. Though there was a time when Latin dominated the field, for centuries science has been a polyglot enterprise, conducted in a number of languages whose importance waxed and waned over time—until the rise of English in the twentieth century. So how did we get from there to here? How did French, German, Latin, Russian, and even Esperanto give way to English? And what can we reconstruct of the experience of doing science in the polyglot past? With *Scientific Babel*, Michael D. Gordin resurrects that lost world, in part through an ingenious mechanism: the pages of his highly readable narrative account teem with footnotes—not offering background information, but presenting quoted material in its original language. The result is stunning: as we read about the rise and fall of languages, driven by politics, war, economics, and institutions, we actually see it happen in the ever-changing web of multilingual examples. The history of science, and of English as its dominant language, comes to life, and brings with it a new understanding not only of the frictions generated by a scientific community that spoke in many often mutually unintelligible voices, but also of the possibilities of the polyglot, and the losses that the dominance of English entails. Few historians of science write as well as Gordin, and *Scientific Babel* reveals his incredible command of the literature, language, and intellectual essence of science past and present. No reader who takes this linguistic journey with him will be disappointed.

**The Secret Lives of Colour** - Kassia St Clair 2016-10-20

THE SUNDAY TIMES BESTSELLER 'A mind-expanding tour of the world without leaving your paintbox. Every colour has a story, and here are some of the most alluring, alarming, and thought-provoking. Very hard painting the hallway magnolia after this inspiring primer.' Simon Garfield *The Secret Lives of Colour* tells the unusual stories of the 75 most fascinating shades, dyes and hues. From blonde to ginger, the brown that changed the way battles were fought to the white that protected against the plague, Picasso's blue period to the charcoal on the cave walls at Lascaux, acid yellow to kelly green, and from scarlet women to imperial purple, these surprising stories run like a bright thread throughout history. In this book Kassia St Clair has turned her lifelong obsession with colours and where they come from (whether Van Gogh's chrome yellow sunflowers or punk's fluorescent pink) into a unique study of human civilisation. Across fashion and politics, art and war, *The Secret Lives of Colour* tell the vivid story of our culture.

**Constructing Immigrant 'Illegality'** - Cecilia Menjivar 2014



This collection examines how immigration law shapes immigrant illegality, the concept of immigrant illegality, and how its power is wielded and resisted. Democratic Justice: Felix Frankfurter, the Supreme Court, and the Making of the Liberal Establishment - Brad Snyder 2022-08-23

The definitive biography of Felix Frankfurter, Supreme Court justice and champion of twentieth-century American liberal democracy. The conventional wisdom about Felix Frankfurter—Harvard law professor and Supreme Court justice—is that he struggled to fill the seat once held by Oliver Wendell Holmes. Scholars have portrayed Frankfurter as a judicial failure, a liberal lawyer turned conservative justice, and the Warren Court’s principal villain. And yet none of these characterizations rings true. A pro-government, pro-civil rights liberal who rejected shifting political labels, Frankfurter advocated for judicial restraint—he believed that people should seek change not from the courts but through the democratic political process. Indeed, he knew American presidents from Theodore Roosevelt to Lyndon Johnson, advised Franklin Roosevelt, and inspired his students and law clerks to enter government service. Organized around presidential administrations and major political and world events, this definitive biography chronicles Frankfurter’s impact on American life. As a young government lawyer, he befriended Theodore Roosevelt, Louis Brandeis, and Holmes. As a Harvard law professor, he earned fame as a civil libertarian, Zionist, and New Deal power broker. As a justice, he hired the first African American law clerk and helped the Court achieve unanimity in outlawing racially segregated schools in *Brown v. Board of Education*. In this sweeping narrative, Brad Snyder offers a full and fascinating portrait of the remarkable life and legacy of a long misunderstood American figure. This is the biography of an Austrian Jewish immigrant who arrived in the United States at age eleven speaking not a word of English, who by age twenty-six befriended former president Theodore Roosevelt, and who by age fifty was one of Franklin Roosevelt’s most trusted advisers. It is the story of a man devoted to democratic ideals, a natural orator and often overbearing justice, whose passion allowed him to amass highly influential friends and helped create the liberal establishment.

**Bigger than a Bread Box** - Laurel Snyder 2011-09-27

A magical breadbox that delivers whatever you wish for—as long as it fits inside? It's too good to be true! Twelve-year-old Rebecca is struggling with her parents' separation, as well as a sudden move to her Gran's house in another state. For a while, the magic bread box, discovered in the attic, makes life away from home a little easier. Then suddenly it starts to make things much, much more difficult, and Rebecca is forced to decide not just where, but who she really wants to be. Laurel Snyder's most thought-provoking book yet.

**The Glass Universe** - Dava Sobel 2017-10-31

From #1 New York Times bestselling author Dava Sobel, the "inspiring" (People), little-known true story of women's landmark contributions to astronomy A New York Times Book Review Notable Book Named one of the best books of the year by NPR, The Economist, Smithsonian, Nature, and NPR's Science Friday Nominated for the PEN/E.O. Wilson Literary Science Writing Award "A joy to read." —The Wall Street Journal In the mid-nineteenth century, the Harvard College Observatory began employing women as calculators, or “human computers,” to interpret the

observations their male counterparts made via telescope each night. At the outset this group included the wives, sisters, and daughters of the resident astronomers, but soon the female corps included graduates of the new women's colleges—Vassar, Wellesley, and Smith. As photography transformed the practice of astronomy, the ladies turned from computation to studying the stars captured nightly on glass photographic plates. The “glass universe” of half a million plates that Harvard amassed over the ensuing decades—through the generous support of Mrs. Anna Palmer Draper, the widow of a pioneer in stellar photography—enabled the women to make extraordinary discoveries that attracted worldwide acclaim. They helped discern what stars were made of, divided the stars into meaningful categories for further research, and found a way to measure distances across space by starlight. Their ranks included Williamina Fleming, a Scottish woman originally hired as a maid who went on to identify ten novae and more than three hundred variable stars; Annie Jump Cannon, who designed a stellar classification system that was adopted by astronomers the world over and is still in use; and Dr. Cecilia Helena Payne, who in 1956 became the first ever woman professor of astronomy at Harvard—and Harvard’s first female department chair. Elegantly written and enriched by excerpts from letters, diaries, and memoirs, *The Glass Universe* is the hidden history of the women whose contributions to the burgeoning field of astronomy forever changed our understanding of the stars and our place in the universe.

*Eye of the Beholder: Johannes Vermeer, Antoni van Leeuwenhoek, and the Reinvention of Seeing* - Laura J. Snyder 2015-03-16

The remarkable story of how an artist and a scientist in seventeenth-century Holland transformed the way we see the world. On a summer day in 1674, in the small Dutch city of Delft, Antoni van Leeuwenhoek—a cloth salesman, local bureaucrat, and self-taught natural philosopher—gazed through a tiny lens set into a brass holder and discovered a never-before imagined world of microscopic life. At the same time, in a nearby attic, the painter Johannes Vermeer was using another optical device, a camera obscura, to experiment with light and create the most luminous pictures ever beheld. “See for yourself!” was the clarion call of the 1600s. Scientists peered at nature through microscopes and telescopes, making the discoveries in astronomy, physics, chemistry, and anatomy that ignited the Scientific Revolution. Artists investigated nature with lenses, mirrors, and camera obscuras, creating extraordinarily detailed paintings of flowers and insects, and scenes filled with realistic effects of light, shadow, and color. By extending the reach of sight the new optical instruments prompted the realization that there is more than meets the eye. But they also raised questions about how we see and what it means to see. In answering these questions, scientists and artists in Delft changed how we perceive the world. In *Eye of the Beholder*, Laura J. Snyder transports us to the streets, inns, and guildhalls of seventeenth-century Holland, where artists and scientists gathered, and to their studios and laboratories, where they mixed paints and prepared canvases, ground and polished lenses, examined and dissected insects and other animals, and invented the modern notion of seeing. With charm and narrative flair Snyder brings Vermeer and Van Leeuwenhoek—and the men and women around them—vividly to life. The story of these two geniuses and the transformation they engendered shows us why we see the world—and our

place within it—as we do today. Eye of the Beholder was named "A Best Art Book of the Year" by Christie's and "A Best Read of the Year" by New Scientist in 2015.

**Route 66** - Tom Snyder 2000-03-17

Fully revised and expanded New stories-more details -Nearly 30 feet of strip maps -350 towns and attractions -More highway memorabilia -Mini-tours-rentals-discounts -Chicago-L.A. mileage table

You Belong to the Universe - Jonathon Keats 2016

A self-professed "comprehensive anticipatory design scientist," the inventor Buckminster Fuller (1895-1983) was undoubtedly a visionary and his creations often bordered on the realm of science fiction. You Belong to the Universe documents Fuller's six-decade quest to "make the world work for one hundred percent of humanity." Critic and experimental philosopher Jonathon Keats sets out to revive Fuller's unconventional practice of comprehensive anticipatory design, placing Fuller's philosophy in a modern context and dispelling much of the mythology surrounding Fuller's life. Keats argues that Fuller's life and ideas, namely doing "the most with the least," are now more relevant than ever as humanity struggles to meet the demands of an exploding world population with finite resources.

**The Philosophy of the Inductive Sciences** - William Whewell 1847

**A Man of Misconceptions** - John Glassie 2012-11-08

A Scientific American Best Science Book of 2012 An Atlantic Wire Best Book of 2012 A New York Times Book Review "Editor's Choice" The "fascinating" (The New Yorker) story of Athanasius Kircher, the eccentric scholar-inventor who was either a great genius or a crackpot . . . or a bit of both. The interests of Athanasius Kircher, the legendary seventeenth-century priest-scientist, knew no bounds. From optics to music to magnetism to medicine, he offered up inventions and theories for everything, and they made him famous across Europe. His celebrated museum in Rome featured magic lanterns, speaking statues, the tail of a mermaid, and a brick from the Tower of Babel. Holy Roman Emperors were his patrons, popes were his friends, and in his spare time he collaborated with the Baroque master Bernini. But Kircher lived during an era of radical transformation, in which the old approach to knowledge—what he called the "art of knowing"—was giving way to the scientific method and modern thought. A Man of Misconceptions traces the rise, success, and eventual fall of this fascinating character as he attempted to come to terms with a changing world. With humor and insight, John Glassie returns Kircher to his rightful place as one of history's most unforgettable figures.

Orphan Island - Laurel Snyder 2017-05-30

A National Book Award Longlist title! "A wondrous book, wise and wild and deeply true." —Kelly Barnhill, Newbery Medal-winning author of The Girl Who Drank the Moon "This is one of those books that haunts you long after you read it. Thought-provoking and magical." —Rick Riordan, author of the Percy Jackson series In the tradition of modern-day classics like Sara Pennypacker's Pax and Lois Lowry's The Giver comes a deep, compelling, heartbreaking, and completely one-of-a-kind novel about nine children who live on a mysterious island. On the island, everything is perfect. The sun rises in a sky filled with dancing

shapes; the wind, water, and trees shelter and protect those who live there; when the nine children go to sleep in their cabins, it is with full stomachs and joy in their hearts. And only one thing ever changes: on that day, each year, when a boat appears from the mist upon the ocean carrying one young child to join them—and taking the eldest one away, never to be seen again. Today's Changing is no different. The boat arrives, taking away Jinny's best friend, Deen, replacing him with a new little girl named Ess, and leaving Jinny as the new Elder. Jinny knows her responsibility now—to teach Ess everything she needs to know about the island, to keep things as they've always been. But will she be ready for the inevitable day when the boat will come back—and take her away forever from the only home she's known? "A unique and compelling story about nine children who live with no adults on a mysterious island. Anyone who has ever been scared of leaving their family will love this book" (from the *Brightly.com* review, which named *Orphan Island* a best book of 2017).

**Baroque** - Hermann Bauer 2016-07-29

Enter a world of vivid colors, elaborate gesture, and theatrical shadows. This essential introduction to Baroque painting dives deep into the mythological, religious, and genre scenes of Caravaggio, Carracci, Velázquez, Rubens, and beyond to explore how both northern and southern European schools became enraptured by a style of emotion, energy, ...

**Last Friends** - Jane Gardam 2013-04-02

"The satisfying conclusion to Gardam's *Old Filth* trilogy offers exquisite prose, wry humor, and keen insights into aging and death" (*The New Yorker*). While *Old Filth* introduced readers to Sir Edward Feathers, his dreadful childhood, and his decades-long marriage, *The Man in the Wooden Hat* was his wife Betty's story. *Last Friends* is Terence Veneering's turn. His beginnings were not those of the usual establishment grandee. Filth's hated rival in court and in love is the son of a Russian acrobat marooned in the English midlands and a local girl. He escapes the war and later emerges in the Far East as a man of panache and fame. The Bar treats his success with suspicion: Where did this handsome, brilliant Slav come from? This exquisite story of Veneering, Filth, and their circle tells a bittersweet tale of friendship and grace and of the disappointments and consolations of age. They are all, finally, each other's last friend as this magnificent series ends with the deep and abiding satisfaction that only great literature provides. "[Gardam's] prose sparkles with wit, compassion and humor. She keeps us entertained, and she keeps us guessing. Be thankful for her books. Be thankful for this trilogy, which is ultimately an elegy, created with deep affection." —*The Washington Post*  
"Restores us to an era rich in spectacle and bristling with insinuation and intrigue. Vivid, spacious, superbly witty, and refreshingly brisk . . . the story (and the author) will endure." —*The Boston Globe* "All three Gardam books are beautifully written but it's a pleasure to note that *Last Friends* is the most enjoyable, the funniest and the most touching." —*National Post*

**Poison Study** - Maria V. Snyder 2020-07-13

Choose: a quick death... or slow poison... Locked deep in the palace dungeon for killing her abuser, Yelena knows she'll never be free again. The laws in Ixia are strict, and murderers must be executed, no matter the reason. But just as she's resigned herself to her fate, she's offered an extraordinary reprieve. As

the food taster, Yelena will eat the best meals, have rooms in the palace – and risk assassination by anyone trying to kill the Commander of Ixia. To make matters worse, the chief of security deliberately feeds her Butterfly’s Dust, and only by appearing for her daily antidote will she delay an agonizing death from the poison. As Yelena tries to escape her new dilemma, disasters keep mounting. Rebels plot to seize Ixia and Yelena develops magical powers she can’t control. Her life is threatened again, and in order to survive, she must unravel the secrets behind the past she’s been running from. Previously published. The Chronicles of Ixia Series by Maria V Snyder Book One: Poison Study Book Two: Magic Study Book Three: Fire Study Book Four: Storm Glass Book Five: Sea Glass Book Six: Spy Glass Book Seven: Shadow Study Book Eight: Night Study Book Nine: Dawn Study

**Swan** - Laurel Snyder 2015-08-18

The world is big. Anna is small. The snow is everywhere and all around. But one night . . . One night, her mother takes her to the ballet, and everything is changed. Anna finds a beauty inside herself that she cannot contain. So begins the journey of a girl who will one day grow up to be the most famous prima ballerina of all time, inspiring legions of dancers after her: the brave, the generous, the transcendently gifted Anna Pavlova. Beautiful, inspirational, and triumphant, Anna Pavlova's life is masterfully captured in this exquisite picture book.

Love in the Time of Contagion - Laura Kipnis 2022-02-08

In this timely, insightful, and darkly funny investigation, the acclaimed author of *Against Love* asks: what does living in dystopic times do to our ability to love each other and the world? COVID-19 has produced new taxonomies of love, intimacy, and vulnerability. Will its cultural afterlife be as lasting as that of HIV, which reshaped consciousness about sex and love even after AIDS itself had been beaten back by medical science? Will COVID end up making us more relationally conservative, as some think HIV did within gay culture? Will it send us fleeing into emotional silos or coupled cocoons, despite the fact that, pre-COVID, domestic coupledness had been steadily losing fans? Just as COVID revealed our nation to itself, so did it hold a mirror up to our relationships. In *Love in the Time of Contagion*, Laura Kipnis weaves (often hilariously) her own (ambivalent) coupled lockdown experiences together with those of others and sets them against a larger backdrop: the politics of the virus, economic disparities, changing gender relations, and the ongoing institutional crack-ups prompted by #MeToo and Black Lives Matter, mapping their effects on the everyday routines and occasional solaces of love and sex.

History of Philosophy of Science - M. Heidelberger 2013-04-17

This volume includes recent contributions to the philosophy of science from a historical point of view and of the highest topicality: the range of the topics covers all fields in the philosophy of the science provided by authors from around the world focusing on ancient, modern and contemporary periods in the development of the science philosophy. This proceedings is for the scientific community and students at graduate level as well as postdocs in this interdisciplinary field of research.

The Philosophical Breakfast Club - Laura J. Snyder 2012-01-17

“[A] fascinating book...about the way four geniuses at Cambridge University

revolutionized modern science.” –Newsweek The Philosophical Breakfast Club recounts the life and work of four men who met as students at Cambridge University: Charles Babbage, John Herschel, William Whewell, and Richard Jones. Recognizing that they shared a love of science (as well as good food and drink) they began to meet on Sunday mornings to talk about the state of science in Britain and the world at large. Inspired by the great 17th century scientific reformer and political figure Francis Bacon—another former student of Cambridge—the Philosophical Breakfast Club plotted to bring about a new scientific revolution. And to a remarkable extent, they succeeded, even in ways they never intended. Historian of science and philosopher Laura J. Snyder exposes the political passions, religious impulses, friendships, rivalries, and love of knowledge—and power—that drove these extraordinary men. Whewell (who not only invented the word “scientist,” but also founded the fields of crystallography, mathematical economics, and the science of tides), Babbage (a mathematical genius who invented the modern computer), Herschel (who mapped the skies of the Southern Hemisphere and contributed to the invention of photography), and Jones (a curate who shaped the science of economics) were at the vanguard of the modernization of science. This absorbing narrative of people, science and ideas chronicles the intellectual revolution inaugurated by these men, one that continues to mold our understanding of the world around us and of our place within it. Drawing upon the voluminous correspondence between the four men over the fifty years of their work, Laura J. Snyder shows how friendship worked to spur the men on to greater accomplishments, and how it enabled them to transform science and help create the modern world. “The lives and works of these men come across as fit for Masterpiece Theatre.” –Wall Street Journal “Snyder succeeds famously in evoking the excitement, variety and wide-open sense of possibility of the scientific life in 19th-century Britain...splendidly evoked in this engaging book.” –American Scientist “This fine book is as wide-ranging and anecdotal, as excited and exciting, as those long-ago Sunday morning conversations at Cambridge. The Philosophical Breakfast Club forms a natural successor to Jenny Uglow’s *The Lunar Men*...and Richard Holmes’s *The Age of Wonder*.” –Washington Post

*On Tyranny* - Timothy Snyder 2017-02-28

#1 NEW YORK TIMES BESTSELLER • A “bracing” (Vox) guide for surviving and resisting America’s turn towards authoritarianism, from “a rising public intellectual unafraid to make bold connections between past and present” (The New York Times) “Timothy Snyder reasons with unparalleled clarity, throwing the past and future into sharp relief. He has written the rare kind of book that can be read in one sitting but will keep you coming back to help regain your bearings.”—Masha Gessen The Founding Fathers tried to protect us from the threat they knew, the tyranny that overcame ancient democracy. Today, our political order faces new threats, not unlike the totalitarianism of the twentieth century. We are no wiser than the Europeans who saw democracy yield to fascism, Nazism, or communism. Our one advantage is that we might learn from their experience. *On Tyranny* is a call to arms and a guide to resistance, with invaluable ideas for how we can preserve our freedoms in the uncertain years to come.