Science In The Art Of Osteopathy Osteopathic Principles And Practice

The Art and Science of Teaching The Art of Teaching ScienceThe Science and Art of InterviewingScience ArtsThe Art & Science of Web DesignThe Science of the Art of Psychotherapy (Norton Series on Interpersonal Neurobiology) The World of Science, Art, and Industry IllustratedThinking about Science, Reflecting on ArtThe Art of Insight in Science and EngineeringArt & Science in the Choral RehearsalThe Art of ScienceThe Art and Science of Computer AnimationPracticing Art/ScienceArt(a)ScienceThe Art and Science of NegotiationThe Art of ScienceWomen and the Art and Science of Collecting in Eighteenth-Century EuropeThe Art and Science of CommunicationOrganic SynthesisScience and the Arts in the RenaissanceThe Science of the Art of MedicineThe Science of ArtOn Art and ScienceThe Art of ScienceColor for Science, Art and TechnologyThe Art and Science of CinemaScience of Linguistics in the Art of Translation, TheScience in the Art of OsteopathyArt, Science and Art TherapyArt in Science MuseumsThe Science of Speed The Art of the SprintArt of Doing Science and EngineeringDrawn from LifeThe Art and Science of Book PublishingThe Art and Science of EntrepreneurshipThe Art and Science of PsychotherapyScience in the Kitchen and the Art of Eating WellThe Art and Science of Training Visualizations The Art, Science, and Technology of Medieval Travel

The Art and Science of Teaching

A selection of the Nature columnist's best work looks at the fertile relationship between art and science, from horror films to Galileo's moon drawings, in a thematically arranged anthology.

The Art of Teaching Science

The Art And Science Of Cinema Provides A Clear And Concise Study Of The Film World. The Book Deals With The Film Technology, Movie History, Great Filmmakers, Actors, Pictures & Aesthetics, Narrative, Genres, Plays And Documentaries. The Reader Will Find Exciting, Informative And Entertaining Study Of Everything Related To Film. It Also Deals With Still Photography, Production Works And Oscar Facts. Whatever Your Interest In Film, This Book Will Give You The Vital Informations And Critical Skills To Understand Films Better Than Before, As It Has Been Lavishly-Illustrated. Fact Filled Pages Make It The Most Comprehensive, Detailed And Explicit Book On The Subject. This Book Is Useful For Film Students, Actors As Well As Lovers Of World Cinema.

The Science and Art of Interviewing

In recent decades, cognitive neuroscience research has increased our understanding of how the brain learns, retains, and recalls information. At the same time, social psychologists have developed insights

into group dynamics, exploring what motivates individuals in a group to give their full effort, or conversely, what might instead inspire them to become free loaders. Art and Science in the Choral Rehearsal explores the idea that choral conductors who better understand how the brain learns, and how individuals within groups function, can lead more efficient, productive, and enjoyable rehearsals. Armed with this knowledge, conductors can create rehearsal techniques which take advantage of certain fundamental brain and social psychology principles. Through such approaches, singers will become increasingly engaged physically and mentally in the rehearsal process. Art and Science in the Choral Rehearsal draws from a range of scientific studies to suggest and encourage effective, evidence-based techniques, and can help serve to reset and inspire new approaches toward teaching. Each chapter outlines exercises and creative ideas for conductors and music teachers, including the importance of embedding problem solving into rehearsal, the use of multiple entry points for newly acquired information, techniques to encourage an emotional connection to the music, and ways to incorporate writing exercises into rehearsal. Additional topics include braincompatible teaching strategies to complement thorough score study, the science behind motivation, the role imagination plays in teaching, the psychology of rehearsal, and conducting tips and advice. All of these brain-friendly strategies serve to encourage singers' active participation in rehearsals, with the goal of motivating beautiful, inspired, and memorable performances.

Science Arts

Qualitative interviewing is among the most widely used methods in the social sciences, but it is arguably the least understood. In The Science and Art of Interviewing, Kathleen Gerson and Sarah Damaske offer clear, theoretically informed and empirically rich strategies for conducting interview studies. They present both a rationale and guide to the science-and art-of in-depth interviewing to take readers through all the steps in the research process, from the initial stage of formulating a question to the final one of presenting the results. Gerson and Damaske show readers how to develop a research design for interviewing, decide on and find an appropriate sample, construct a questionnaire, conduct probing interviews, and analyze the data they collect. At each stage, they also provide practical tips about how to address the ever-present, but rarely discussed challenges that qualitative researchers routinely encounter, particularly emphasizing the relationship between conducting well-crafted research and building powerful social theories. With an engaging, accessible style, The Science and Art of Interviewing targets a wide range of audiences, from upper-level undergraduates and graduate methods courses to students embarking on their dissertations to seasoned researchers at all stages of their careers.

The Art & Science of Web Design

"ScienceArts" builds upon natural curiosity as children experience and explore basic science concepts as

they create over 200 beautiful and amazing art experiments. Projects use common household materials and art supplies. The art activities are openended and easy to do with one science-art experiment per page, fully illustrated and kid-tested. The book inclues three indexes and an innovative charted Table of Contents. Suitable for home, school. museum programs, or childcare, all ages. Kids call this the "ooo-ahhh" book. Examples of projects include: - Crystal Bubbles - Dancing Rabbits - Building Beans - Magnetic Rubbing - Stencil Leaves - Magic Cabbage - Marble Sculpture - Immiscibles - Paint Pendulum - Ice Structures - Bottle Optics - Erupting Colors - Chromatography 1993 Benjamin Franklin Gold Award, Education/Teaching/Academic 1993 Benjamin Franklin Silver Award, Interior Design 1993 Benjamin Franklin Silver Award, Book Cover 1993 Washington Press Communicator Award, First Place Winner, Non-Fiction Book

The Science of the Art of Psychotherapy (Norton Series on Interpersonal Neurobiology)

The popular author of Classroom Instruction That Works discusses 10 questions that can help teachers sharpen their craft and do what really works for the particular students in their classroom.

The World of Science, Art, and Industry Illustrated

Over the last two decades, multiple initiatives of Page 5/26

transdisciplinary collaboration across art, science, and technology have seen the light of day. Why, by whom, and under what circumstances are such initiatives promoted? What does their experimental character look like - and what can be learned, epistemologically and institutionally, from probing the multiple practices of "art/science" at work? In answer to the questions raised, Practicing Art/Science contrasts topical positions and insightful case studies, ranging from the detailed investigation of "art at the nanoscale" to the material analysis of Leonardo's Mona Lisa and its cracked smile. In so doing, this volume brings to bear the "practice turn" in science and technology studies on the empirical investigation of multifaceted experimentation across contemporary art, science, and technology in situ. Against the background of current discourse on "artistic research," the introduction not only explains the particular relevance of the "practice turn" in STS to tackle the interdisciplinary task at hand, but offers also a timely survey of varying strands of artistic experimentation. In bringing together ground-breaking studies from internationally renowned scholars and upcoming researchers in sociology, art theory and artistic practice, as well as history and philosophy of science, Practicing Art/Science will be essential reading for practitioners and professionals in said fields, as well as postgraduate students and representatives of higher education and research policy more broadly.

Thinking about Science, Reflecting on Art

Through both longer essays and shorter case studies,

this book examines the relationship of European women from various countries and backgrounds to collecting, in order to explore the social practices and material and visual cultures of collecting in eighteenthcentury Europe. It recovers their lives and examines their interests, their methodologies, and their collections and objects—some of which have rarely been studied before. The book also considers women's role as producers, that is, creators of objects that were collected. Detailed examination of the artefacts—both visually, and in relation to their historical contexts—exposes new ways of thinking about collecting in relation to the arts and sciences in eighteenth-century Europe. The book is interdisciplinary in its makeup and brings together scholars from a wide range of fields. It will be of interest to those working in art history, material and visual culture, history of collecting, history of science, literary studies, women's studies, gender studies, and art conservation.

The Art of Insight in Science and Engineering

Computer animation is presented in a different, stimulating form. An introduction is provided to specialised techniques that draws on an audience from among students and practitioners in animation, graphic design and computer science.

Art & Science in the Choral Rehearsal

The result of an unusual collaboration between a

physicist with a strong interest in the histories of art and science, and a philosopher with a broad knowledge of science as a human activity, The Art of Science gives readers an appreciation of the activities of science: the hands-on work of experimentation, the struggle to convince people of the validity of novel findings, and the excitement of "eureka" moments. In so doing, the book shows how scientific knowledge is made, and occasionally unmade. The Art of Science steers a course between two important and contradictory images that have a myth-like status: that of the scientist as computer, and that of the scientist as genius. If we abandon these images to focus on what scientists really do, we see that the sciences are also arts. To show the artistry of science, text and images are woven together, so that the book makes its arguments not just through stories of science, but through vibrant and arresting illustrations that help to bring the activity of science to life. The Art of Science shows science not as austere and otherworldly, but as textured and wonderfully human.

The Art of Science

Now back in print, this volume discusses with authority every aspect of the editorial and financial operations of the modern publishing house. Unlike other books on this subject, The Art and Science of Book Publishing is distinguished by its conceptual approach, viewing the publishing house as a whole, emphasizing both its external and internal environments. The book proceeds through the basic activities of publishing to a pragmatic analysis of

decisions on individual books and operations of the publishing house as a whole. This standard resource of the publishing industry will be welcomed by beginners, who will find the book eye-opening, as well as veterans who will see their work in a new light.

The Art and Science of Computer Animation

As in the first two volumes of this series, each chapter represents a further development of the theory at a particular point in time, presented in chronological order. Some of the earlier chapters have been reedited: those more recent contain a good deal of new material that has not been previously published.

Practicing Art/Science

Thinking about Science, Reflecting on Art: Bringing Aesthetics and Philosophy of Science Together is the first book to systematically examine the relationship between the philosophy of science and aesthetics. With contributions from leading figures from both fields, this edited collection engages with such questions as: Does representation function in the same way in science and in art? What important characteristics do scientific models share with literary fictions? What is the difference between interpretation in the sciences and in the arts? Can there be a science of aesthetics? In what ways can aesthetics and philosophy of science be integrated? Aiming to develop the interconnections between the philosophy of science and the philosophy of art more

broadly and more deeply than ever before, this volume not only explores scientific representation by comparison with fiction but extends the scope of interaction to include metaphysical and other questions around methodology in mainstream philosophy of science, including the aims of science, the characterisation of scientific understanding, and the nature of observation, as well as drawing detailed comparisons between specific examples in both art and the sciences.

Art(a)Science

Oriented around the fundamental question of the nature of the Renaissance search for truth and certainty, the essays examine the development of scientific illustration, Paracelsian views of science and art, the role of the artist in Renaissance science, the impact of acoustical theory on music, and other topics. Illustrated.

The Art and Science of Negotiation

A study of the mechanics, practice, and application of negotiation explains the processes of negotiation and offers practical instruction in developing and improving negotiation skills

The Art of Science

This sixth volume in the AVISTA series considers medieval travel from a variety of interdisciplinary perspectives, placing the physical practice of

transportation in the larger context of medieval thought about the world and its meaning. The papers included cover vehicle design and logistical management, the practicalities of how travellers oriented themselves, and the symbolism of the landscapes and maps created in the Middle Ages.

Women and the Art and Science of Collecting in Eighteenth-Century Europe

Explores the intersection of Web design philosophies and the technology used to implement them while demonstrating effective solutions to real-world design challenges.

The Art and Science of Communication

Translation of: La scienza in cucina e l'arte di mangiar bene.

Organic Synthesis

In this book, Sanjoy Mahajan shows us that the way to master complexity is through insight rather than precision. Precision can overwhelm us with information, whereas insight connects seemingly disparate pieces of information into a simple picture. Unlike computers, humans depend on insight. Based on the author's fifteen years of teaching at MIT, Cambridge University, and Olin College, The Art of Insight in Science and Engineering shows us how to build insight and find understanding, giving readers tools to help them solve any problem in science and

engineering. To master complexity, we can organize it or discard it. The Art of Insight in Science and Engineering first teaches the tools for organizing complexity, then distinguishes the two paths for discarding complexity: with and without loss of information. Questions and problems throughout the text help readers master and apply these groups of tools. Armed with this three-part toolchest, and without complicated mathematics, readers can estimate the flight range of birds and planes and the strength of chemical bonds, understand the physics of pianos and xylophones, and explain why skies are blue and sunsets are red. The Art of Insight in Science and Engineering will appear in print and online under a Creative Commons Noncommercial Share Alike license.

Science and the Arts in the Renaissance

This comprehensive and well-referenced text introduces osteopathy through its concepts, principles and beliefs. Stone, an experienced practicing osteopath and lecturer, discusses the gap between empirical osteopathy and modern Western medicine along with other issues.

The Science of the Art of Medicine

Psychotherapy, like most other areas of health care, is a synthesis of scientific technique and artistic expression. The practice, like any other, is grounded in a series of standardized principles, theories, and techniques. Individual practitioners define themselves

within the field by using these basic tools to achieve their therapeutic goals in novel ways, applying these rudimentary skills and guiding principles to each situation. However, a toolbox full of treatment approaches, no matter how comprehensive, is not enough to effectively reach your patients. Effective work can only be accomplished through a synthesis of the fundamental scientific methods and the creative application of these techniques, approaches, and strategies. The Art and Science of Psychotherapy offers invaluable insight into the creative side of psychotherapy. The book addresses the fundamental split between researchers and scholars who use scientific methods to develop disorder-specific treatment techniques and those more clinically inclined therapists who emphasize the individual, interpersonal aspects of the therapeutic process. With contributions from leading therapists, the editors have compiled a practical handbook for clinical psychologists, social workers, psychiatrists, and mental health professionals.

The Science of Art

On Art and Science

There are more similarities than differences between how artists and scientists work. Both ask countless questions. Both search in earnest for answers. Both are dedicated to reaching the best results. Not so different from today's trainers, are they? Elaine Biech, one of the most highly regarded names in talent

development, has set out to identify the perfect blend of content mastery and audience insight. The result is this highly informative book. The Art and Science of Training presents the science for learning and development, but it also emphasizes that training success lies in knowing what to do when things don't go as planned. Discover how top facilitators always put learners first, even when faced with exceptions to the rule—the unwilling learner, the uninformed supervisor, the inappropriate delivery medium, or the unmanageable performance challenge. And learn why you must understand people, not only content, to ensure consistently exceptional learning experiences. Science is both a body of knowledge and a process. Art is the expression of creativity and imagination. Where they intersect is the best way to help others learn and grow.

The Art of Science

Speed matters in almost every competitive sport. If you want to run your fastest, you must run with the correct technique. The scientific principles of physics and kinesiology - the engineering of the human body - must be used as the foundation for human motion. Dr. Arellano explains the science in a way that's understandable and practical. Then, for the very first time in book form, Hall of Fame Track and Field Coach Tom Tellez applies the science so anyone can coach, learn and correctly execute what it takes to produce maximum speed. Coach Tellez has developed some of the fastest athletes in history, including Carl Lewis, Leroy Burrell, Joe DeLoach, Kirk Baptiste, Mike Marsh,

Carol Lewis, Michelle Finn Burrell and Jackie Washington. In this book, you will learn: -The laws of human motion and the science of correct running technique-How correct technique optimizes application of force on the ground and generates speed-The very specific elements to study and train for sprints and distance running-How to identify and correct problems-A consistent vocabulary to use in teaching what to do and why-How to change motor patterns for consistent results-For coaches, the best cues to give your athletes for success The information in this book is applicable for all athletes, regardless of age or gender and can be applied to ANY SPORT that requires speed. While not every athlete will be fast, every athlete can get faster. Stay grounded in the principles, focus on every detail, and strive for consistent, correct execution.

Color for Science, Art and Technology

The Art of Teaching Science emphasizes a humanistic, experiential, and constructivist approach to teaching and learning, and integrates a wide variety of pedagogical tools. Becoming a science teacher is a creative process, and this innovative textbook encourages students to construct ideas about science teaching through their interactions with peers, mentors, and instructors, and through hands-on, minds-on activities designed to foster a collaborative, thoughtful learning environment. This second edition retains key features such as inquiry-based activities and case studies throughout, while simultaneously adding new material on the impact of standardized

testing on inquiry-based science, and explicit links to science teaching standards. Also included are expanded resources like a comprehensive website, a streamlined format and updated content, making the experiential tools in the book even more useful for both pre- and in-service science teachers. Special Features: Each chapter is organized into two sections: one that focuses on content and theme; and one that contains a variety of strategies for extending chapter concepts outside the classroom Case studies open each chapter to highlight real-world scenarios and to connect theory to teaching practice Contains 33 Inquiry Activities that provide opportunities to explore the dimensions of science teaching and increase professional expertise Problems and Extensions, On the Web Resources and Readings guide students to further critical investigation of important concepts and topics. An extensive companion website includes even more student and instructor resources, such as interviews with practicing science teachers, articles from the literature, chapter PowerPoint slides, syllabus helpers, additional case studies, activities, and more. Visit

http://www.routledge.com/textbooks/9780415965286 to access this additional material.

The Art and Science of Cinema

"Clearly analyzing the narratives, myths, and controversies at play in modern science, The Art of Science is an engaging exercise in the social study of human creativity." - Mark Kingwell, University of Toronto

Science of Linguistics in the Art of Translation, The

Einstein once remarked "After a certain high level of technical skill is achieved, science and art tend to coalesce in aesthetics, plasticity, and form. The greatest scientists are always artists as well". In this volume, some of the world's leading thinkers come together to expound on the interrelations between sciences and arts. While one can segregate art and place it outside the scientific realm, it is, nevertheless, inextricably linked to our essential cognitive/emotional/perceptual modalities and abilities, and therefore lies alongside and in close contact with the method of science and philosophy. What inspiration can scientists draw from art and how can scientific spirit foster our understanding and creation of aesthetic works? How are art and science grounded in our cognition? What role does perception play in science and art? Are criteria for beauty in art and science the same? How does evolution shape our understanding of art? How do science, art and scientifico-artistic frameworks shape society as a whole and help us address its pressing issues? The epistemological and ontological aspects haunt artists, philosophers and scientists alike. The essays in this volume address these manifold questions while also elucidating the pragmatic role they play in our daily life.

Science in the Art of Osteopathy

This text urges art therapists to be more scientifically-

minded in their research and practice. Proposing that study of the findings of other disciplines is crucial to its development and reinforcement, it investigates research from these disciplines.

Art, Science and Art Therapy

What these extracts are, first and foremost, are stories of discovery. The Art of Science is not necessarily a book about great scientific theories, complicated equations, or grand old men (or women) in their laboratories; instead, it's about the places we draw our inspiration from; it's about daily routines and sudden flashes of insight; about dedication, and sometimes - desperation; and the small moments, questions, quests, clashes, doubts and delights that make us human. From Galileo to Lewis Carroll, from Humphry Davy to Charles Darwin, from Marie Curie to Stephen lay Gould, from rust to snowflakes, from the first use of the word "scientist" to the first computer, from why the sea is salty to Newtonian physics for women, The Art of Science is a book about people, rather than scientists per se, and as such, it's a book about politics, passion and poetry. Above all, it's a book about the good that science can - and does - do.

Art in Science Museums

Art in Science Museums brings together perspectives from different practitioners to reflect on the status and meaning of art programmes in science centres and museums around the world. Presenting a balanced mix of theoretical perspectives,

practitioners' reflections, and case-studies, this volume gives voice to a wide range of professionals, from traditional science centres and museums, and from institutions born with the very aim of merging art and science practices. Considering the role of art in the field of science engagement, the book questions whether the arts might help curators to convey complex messages, foster a more open and personal approach to scientific issues, become tools of inclusion, and allow for the production of totally new cultural products. The book also includes a rich collection of projects from all over the world. synthetically presenting cases that reveal very different approaches to the inclusion of art in science programmes. Art in Science Museums should be of great interest to academics, researchers and postgraduate students working in the fields of museum studies, cultural heritage management, material culture, science communication and contemporary art. It should also be essential reading for museum professionals looking to promote more reflective social science engagement in their institutions.

The Science of Speed The Art of the Sprint

Drawing from more than two hundred examples representing twenty-two languages of wide genetic and typological variety, the author guides the reader through a broad collection of situations encountered in the analysis and practice of translation. This enterprise gains structure and rigor from the methods

and findings of contemporary linguistic theory, while realism and relevance are served by the choice of [naturalistic] examples from published translations. Coverage draws from a variety of genres and text-types (literary works, the Bible, newspaper articles, legal and philosophical writings, for examples), and addresses a thorough selection of structural-functional aspects. These range from discrepancies between source and target languages in sentence construction, to dfiferences between source and target poetic traditions with respect to meter and rhyme.

Art of Doing Science and Engineering

The aim of this book is to assemble a series of chapters, written by experts in their fields, covering the basics of color - and then some more. In this way, readers are supplied with almost anything they want to know about color outside their own area of expertise. Thus, the color measurement expert, as well as the general reader, can find here information on the perception, causes, and uses of color. For the artist there are details on the causes, measurement, perception, and reproduction of color. Within each chapter, authors were requested to indicate directions of future efforts, where applicable. One might reasonably expect that all would have been learned about color in the more than three hundred years since Newton established the fundamentals of color science. This is not true because: • the measurement of color still has unresolved complexities (Chapter 2) • many of the fine details of color vision remain

unknown (Chapter 3) • every few decades a new movement in art discovers original ways to use new pigments, and dyes continue to be discovered (Chapter 5) • the philosophical approach to color has not yet crystallized (Chapter 7) • new pigments and dyes continue to be discovered (Chapters 10 and 11) • the study of the biological and therapeutic effects of color is still in its infancy (Chapter 2). Color continues to develop towards maturity and the editor believes that there is much common ground between the sciences and the arts and that color is a major connecting bridge.

Drawn from Life

Highly effective thinking is an art that engineers and scientists can be taught to develop. By presenting actual experiences and analyzing them as they are described, the author conveys the developmental thought processes employed and shows a style of thinking that leads to successful results is something that can be learned. Along with spectacular successes, the author also conveys how failures contributed to shaping the thought processes. Provides the reader with a style of thinking that will enhance a person's ability to function as a problemsolver of complex technical issues. Consists of a collection of stories about the author's participation in significant discoveries, relating how those discoveries came about and, most importantly, provides analysis about the thought processes and reasoning that took place as the author and his associates progressed through engineering problems.

The Art and Science of Book Publishing

This work, one of the most lucidly written art history books in recent memory, addresses a topic of inherent complexity and great recent interest. Kemp (Univ. of St. Andrews), who has written on Leonardo, discusses perspective and optic theories as they related to the central problem of European painting for half a millennium, the verisimilar depiction of nature. The first part of the book discusses perspective theory and practice and the use of devices that led toward photography. In the second part, Kemp explores optic theories derived from Aristotle and from Newton and their theoretical and practical impacts on painting. The only minor cavil is the unclear order of the select bibliography; otherwise, this is a superb and thoughtful book, with a level of writing to which few can aspire. Highly recommended for general as well as special collections.-- Jack Perry Brown, Ryerson & Burnham Libs., Art Inst. of Chicago.

The Art and Science of Entrepreneurship

The Arts and Sciences have long been regarded as separated disciplines. In this era of rapidly developing computer technologies a novel interdisciplinary spirit has emerged that promises a new collaboration between research and art. Computer Graphics, Interactive Arts, Scientific Visualization, Artificial Life, Chaos and Complexity, newly emerging Media Museums and Media Centers as well as Telecommunications are areas where artistic thinking

influences science and where scientific methodology reaches into the arts.

The Art and Science of Psychotherapy

The Art and Science of Communication shows you a new way to understand and use communication in the workplace. Revealing the seven types of communication we all use every day, the book shows you how to increase your communication effectiveness in any setting with practical techniques, analogies, and models that clearly explain the formulas for successful communication. Combining the science and art of communication into one effective formula, this book offers a straightforward and easy to understand plan for a more successful career.

Science in the Kitchen and the Art of Eating Well

The view of organic synthesis as "a concentrated expression of predictive ability and creative capacity" was advocated in the early 1950s. A concise and readable account of the role of synthesis in modern science, Organic Synthesis: The Science Behind the Art presents the general ideology of pursuits in the area of organic synthesis, and examines the methodologies that have evolved in the search for solutions to synthetic problems. This unique book details outstanding achievements of modern organic synthesis, not only for their scientific merits, but also for the aesthetic appeal of the target molecules

chosen and the intrinsic beauty of the solutions to the problems posed. By judicious selection of data covering the main areas of synthetic explorations, this book serves to illustrate both the evolution of well-known approaches as well as recently emerged trends most likely to determine the future development of organic synthesis. Special attention is given to the consideration of principles of molecular design in promising and challenging areas of current research. Primarily aimed at advanced undergraduate and graduate students, Organic Synthesis: The Science Behind the Art will also be of interest to teachers, researchers and anyone requiring an introduction to the problems of organic synthesis.

The Art and Science of Training

Doctors use reason and probability to assess and treat patients. But given the complexity, uncertainty, and fast pace of real-world medical practice, physicians have no choice but to use mental shortcuts and probability estimates as they do their vital work. When doctors deeply understand how they reason, they improve their clinical decision making. This book teaches students, residents, and practicing physicians to think clearly about the logic, probability, and cognitive psychology of medical reasoning. Simple examples, visual explanations, and historical context make the art of how doctors think fascinating and highly relevant to daily medical practice. Reading this book will help you improve the care of your patients, one at a time.

Visualizations

The Art, Science, and Technology of Medieval Travel

An illustrated archeology of the imagination that reveals how artists and writers from the late 16th to the early 19th century, most of whom had never seen North America, portrayed the natural history and landscape of North America to European readers.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION