

The Miraculous Fever Tree

The Miraculous Fever-tree *The Miraculous Fever-Tree: Malaria, Medicine and the Cure that Changed the World (Text Only)* **Terms of Use** **Battling Malaria** Green Health **Following the Water** **Britain's Green Allies** **Intellectual Property and Emerging Technologies** **Lifeblood** **War and Disease** **Antimicrobial Drugs** Encyclopedia of Cultivated Plants: From Acacia to Zinnia [3 volumes] *The Health of the First Ladies* **Living Hell** **Donegan and the Panama Canal** *Science in the Vanished Arcadia* **Johann Reinhold Forster and the Making of Natural History on Cook's Second Voyage, 1772–1775** **Civil War Pharmacy** **Epidemics and the Modern World** *Revolutionary Medicine* *The Cambridge World History* **On the Shoulders of Medicine's Giants** **Travellers' Health** **Mosquito Empires** **Malaria** Outbreak! **Mahogany** Expedition and Wilderness Medicine **A Book about the Film** **Monty Python's** **The Meaning of Life** The Age of Intoxication *Living with Germs* **THE BUNAU-VARILLA BROTHERS AND THE PANAMA CANAL** *Privileged Scaffolds in Medicinal Chemistry* *Making Medicines in Early Colonial Lima, Peru* **Critical Approaches to the History of Western Herbal Medicine** **Brain-**

Robbers: How Alcohol, Cocaine, Nicotine, and Opiates Have Changed Human History
Molecules That Amaze Us Infectious Diseases Psychiatrists and Traditional Healers
Decontamination of Warfare Agents

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Mahogany Aug 08 2020 Colonial Americans were enamored with the rich colors and silky surface of mahogany. As this exotic wood became fashionable, demand for it set in motion a dark, hidden story of human and environmental exploitation. Anderson traces the path

from source to sale, revealing how prosperity and desire shaped not just people's lives but the natural world.

Lifblood Feb 23 2022 One day in 2006, the rich, well connected but very private philanthropist Ray Chambers flicked through the holiday snaps of his friend, the development economist Jeffrey Sachs, and remarked on the placid beauty of a group of sleeping Malawian children. 'They're not sleeping,' Sachs tells a shocked Chambers. 'They're in malarial comas.' A few days later, they were all dead. So begins Chambers' mission to eradicate a disease that has haunted mankind since before medicine began, still infects half a billion people a year, and kills a million of them. The campaign draws in presidents, celebrities, scientists and enormous funding and becomes a stunning success, saving millions of lives and propelling Africa towards prosperity. And by replacing traditional ideas of assistance with business acumen and hustle, Chambers upturns the whole notion of aid, forging a new path not just for the developing world but for global business, religion and even celebrity. As he follows three years of the campaign, award-winning journalist Alex Perry takes the reader across Africa, from a terrifying visit to a Ugandan town that is the most malarial on earth to a star-studded World Cup concert, encountering jungle scientists, fugitive guerrillas, presidents, religious leaders and icons of the global aid industry. In *Lifblood*, he weaves together science and history with on-the-ground reporting and a riveting expose of aid as he documents this race against time. The

result is a thrilling and all-too-rare tale of humanitarian triumph that has profound implications for how to build a better world.

A Book about the Film Monty Python's The Meaning of Life Jun 05 2020 This reference identifies and explains the cultural, historical, and topical allusions in the film Monty Python's *Meaning of Life*, the Pythons' third and final original feature as a complete group. In this resource, virtually every allusion and reference that appears in the film is identified and explained—from Britain's waning Empire through the Winter of Discontent to Margaret Thatcher's second-term mandate, from playing fields to battle fields, and from accountant pirates to sacred sperm. Organized chronologically by scene, the entries cover literary and metaphoric allusions, symbolisms, names, peoples, and places; as well as the many social, cultural, and historical elements that populate this film, and the Pythons' work in general.

Psychiatrists and Traditional Healers Jul 27 2019 This exceptional book responds to the intense current interest in defining and understanding the contribution of traditional medical knowledge and the intervention techniques of traditional healers to national mental health services around the world. First book on traditional healing and transcultural psychiatry Delineates the knowledge and clinical skills of traditional healers from diverse cultural areas around the world Describes the clinical and social roles of traditional healers in their communities and the challenges of constructing national mental health programs that

include traditional knowledge and healing techniques Assesses issues on efficacy and safety of traditional healers' interventions Includes contributions from leading scholars in this field from South Africa, India, New Zealand, Andorra, Canada, USA, Italy, and the Quichua and Sioux Lakota Nations of South and North America Theme of culture versus science: The psychiatrists discuss the effects of local culture upon mental health and consider the impact, benefit and incorporation of traditional healing as a tool for the clinical psychiatrist. Easy to use with case studies and vignettes throughout and a glossary to explain any technical terms Psychiatrists and Traditional Healers: Unwitting Partners in Global Mental Health is a valuable addition to the bookshelf of a wide array of mental health trainees, researchers and professionals interested in cultural psychiatry in general and the role of traditional healers around the world.

Critical Approaches to the History of Western Herbal Medicine Nov 30 2019 Why has the history of Western herbal medicine received such little research coverage in any systematic and authoritative way, even though it has figured large in both lay and learned healthcare of the past? What methods and sources are most appropriate for the study of medicinal herbs and herbal practices of the past? This collection provides historians with a coherent guide to a variety of sources in relation to medicinal plants that they have thus far lacked. **Critical Approaches to the History of Western Herbal Medicine** encourages a serious re-assessment of research in the history of herbal medicine and provides examples

of appropriate methodologies and critical examinations of relevant sources. In this innovative collection, historians and researchers from a range of disciplines come together to share material on the identification and use of medicinal plants, the activities of people involved with herbal medicine and the investigation of past herbal therapeutic beliefs and practice. Classical and medieval scholars, social and literary historians, archaeologists and ethnobotanists all contribute to this exploration of the history of Western herbal medicine.

Molecules That Amaze Us Sep 28 2019 "This new book is by two knowledgeable and expert popularizers of chemistry and deals exclusively with molecules and compounds rather than with the simpler atoms and elements. It is based on the very successful 'Molecule of the Month' website that was begun by Paul May fifteen years ago and to which his co-author Simon Cotton has been a frequent contributor. ... The authors ... strike an excellent balance between introducing the novice to the world of molecules while also keeping the expert chemist interested. ... I highly recommend this book to all readers. It will vastly expand your knowledge and horizons of chemistry and the human ingenuity that surrounds it." —From the Foreword by Dr. Eric Scerri, UCLA, Los Angeles, website: www.ericscerri.com, Author of 'The Periodic Table, Its Story and Its Significance' and several other books on the elements and the periodic table. The world is composed of molecules. Some are synthetic while many others are products of nature. *Molecules That Amaze Us* presents the stories behind many of the most famous and infamous molecules that make up our modern world.

Examples include the molecule responsible for the spicy heat in chilies (capsaicin), the world's first synthetic painkiller (aspirin), the pigment responsible for the color of autumn leaves (carotene), the explosive in dynamite (nitroglycerine), the antimalarial drug (quinine), the drug known as "speed" (methamphetamine), and many others. Other molecules discussed include caffeine, adrenaline, cholesterol, cocaine, digitalis, dopamine, glucose, insulin, methane, nicotine, oxytocin, penicillin, carbon dioxide, limonene, and testosterone. In all, the book includes 67 sections, each describing a different molecule, what it does, how it is made, and why it is so interesting. Written by experts in the field, the book is accessible and easy to read. It includes amusing anecdotes, historical curiosities, and entertaining facts about each molecule, thereby balancing educational content with entertainment. The book is heavily illustrated with relevant photographs, images, and cartoons—the aim being both to educate and entertain.

Mosquito Empires Nov 10 2020 Contents: Part I.

Travellers' Health Dec 12 2020 Travellers' Health offers practical advice on preventing and coping with every health problem imaginable. Authoritatively written by over 70 experts, this book is essential reading for all travellers worldwide.

Malaria Oct 10 2020 Malaria has ravaged Sub-Saharan Africa, having 90 percent of the world's cases. This guidebook provides essential information on Malaria, but also serves as a historical survey, by providing information on the controversies surrounding its causes,

and first-person narratives by people coping with Malaria. Readers will learn from the words of patients, family members, or caregivers. The symptoms, causes, treatments, and potential cures are explained in detail. Alternative treatments are also covered. Each essay is carefully edited and presented with an introduction, so that they are accessible for student researchers and readers.

Making Medicines in Early Colonial Lima, Peru Jan 01 2020 Making Medicines in Early Colonial Lima examines how apothecaries in Lima were trained, ran their businesses, traded medicinal products and prepared medicines; thereby throwing light on the relationship between medicine and empire, and the development of early modern science.

War and Disease Jan 25 2022 Malaria is one of the leading killers in the world today. Though drugs against malaria have a long history, attempts to develop novel therapeutics spanned the twentieth century and continue today. In this historical study, Leo B. Slater shows the roots and branches of an enormous drug development project during World War II. Fighting around the globe, American soldiers were at high risk for contracting malaria, yet quinine—a natural cure—became harder to acquire. A U.S. government-funded antimalarial program, initiated by the National Research Council, brought together diverse laboratories and specialists to provide the best drugs to the nation's military. This wartime research would deliver chloroquine—long the drug of choice for prevention and treatment of malaria—and a host of other chemotherapeutic insights. A massive undertaking, the

antimalarial program was to biomedical research what the Manhattan Project was to the physical sciences. A volume in the Critical Issues in Health and Medicine series, edited by Rima D. Apple and Janet Golden.

Living Hell Sep 20 2021 Surrounding the war with an aura of nostalgia both fosters the delusion that war can cure our social ills and makes us strong again, and weakens confidence in our ability to act effectively in our own time."—Journal of Military History
Science in the Vanished Arcadia Jul 19 2021 In *Science in the Vanished Arcadia* Miguel de Asúa provides the first modern comprehensive account of Jesuit science in the missions of Paraguay and the River Plate region during the 17th and 18th centuries.

Privileged Scaffolds in Medicinal Chemistry Jan 31 2020 This book addresses the various classes of privileged scaffolds and covers the history of their discovery and use.

Donegan and the Panama Canal Aug 20 2021 *Donegan and the Panama Canal* is a fictionalized, first person story of why and how the United States built a canal in Panama in 1903. This story is a sequel to Mr. Morrissey's previous novel of the Spanish-American War, *Donegan and the Splendid Little War*. No one had previously written an historical novel of either of these events. The title character of *Donegan and the Panama Canal* is Patrick Donegan (1875-1958), the son of Irish immigrants to Philadelphia. Donegan belatedly wrote this memoir in 1953, but his grandson Thomas Morrissey did not publish it for another fifty years. Patrick Donegan had previously served on a Spanish merchant ship

for two years before its captain stranded him in Santiago de Cuba in 1895. He became a war profiteer during the Cuban revolt against Spain, and wrote propaganda articles for the Cubans before William Randolph Hearst hired him to write for the New York Journal. Donegan and the Splendid Little War relates how Donegan wrote biased pro-Cuban stories for Hearst. He telegraphed a misleading account of the explosion of the American battleship Maine, which ultimately caused the United States to declare war on Spain. He accompanied Theodore Roosevelt and the Rough Riders in their famous charge up San Juan Hill. He published an exclusive, eyewitness account of President McKinley's assassination, but Hearst fired him when Joseph Pulitzer discovered that Donegan had written a short poem that may have inspired McKinley's assassin. Donegan left the field of journalism and secretly became a lobbyist for the Panama Canal. Donegan and the Panama Canal tells the story how Hearst ordered Donegan, a year before he fired him in 1901, to sail around South America and disembark at the west coast of Nicaragua. Hearst, a Nicaraguan Canal partisan, did not know that Donegan had already promised Philippe Bunau-Varilla, a French engineer who had served in Ferdinand de Lesseps' earlier ill-fated attempt to build a canal in Panama, that he would support a Panama Canal. Captain Michael Healy piloted the ship that carried Donegan during their long journey through the Strait of Magellan to Central America. Donegan traveled through Nicaragua, and interviewed her president and the American minister. He wrote many negative articles about Nicaragua, and warned the American

public that many active and dangerous volcanoes flourished in Nicaragua that could easily destroy any canal built there. Hearst appointed Donegan to cover the Washington political scene when he returned to New York. Donegan accompanied Philippe Bunau-Varilla when this French lobbyist promoted the Panama Canal in many speeches throughout the United States. Bunau-Varilla convinced Senator Mark Hanna, President William McKinley's eminence grise, that the Panama site was preferable to Nicaragua. McKinley remained non-committal about where to build the canal, but Senator John Tyler Morgan of Alabama, the chief Nicaragua advocate, viciously attacked Philippe and Donegan's Panama site. After Hearst fired him after President McKinley's assassination, Donegan sailed to France where he met William Nelson Cromwell, the legal representative of the Panama Railroad and the New Panama Canal Company. Donegan agreed to work with Cromwell on the canal question although he personally despised him. Donegan conferred with Bunau-Varilla in France, but they quickly returned to America when they heard that Congress would soon vote on whether the canal should be built in Panama or Nicaragua. All seemed lost when the House of Representatives overwhelmingly supported Nicaragua. Bunau-Varilla influenced the French Canal Company to lower the price for its canal concession, and Donegan influenced President Roosevelt, who previously favored Nicaragua, to support the Panama site. Congress had to make the final decision about the canal site. Senator Morgan's Committee on Interoceanic Canals supported the Nicaragua Canal. Morgan and other

senators argued that no can

Brain-Robbers: How Alcohol, Cocaine, Nicotine, and Opiates Have Changed Human

History Oct 29 2019 A psychiatrist examines how the world's four most important mind-altering substances— alcohol, cocaine, nicotine, and opiates—have played a significant role throughout human history, and explains how these powerful drugs affect the brain and cause addiction. • Presents a historical review of four plant-derived drugs—alcohol, cocaine, nicotine, and opiates—and their effects throughout human civilization, as well as a fascinating exploration of the mystery and misery of addiction • Provides comprehensive explanations of medical and psychiatric effects of these drugs • Supplies stories of people who made discoveries about these drugs or who had their lives altered by them • Describes the discovery of the way in which the brain works • Includes illustrations of brain pathways and of the four plants of origin for these drugs, and maps showing drug trade triangles

Revolutionary Medicine Mar 15 2021 Before the advent of modern antibiotics, one's life could be abruptly shattered by contagion and death, and debility from infectious diseases and epidemics was commonplace for early Americans, regardless of social status. Concerns over health affected the founding fathers and their families as it did slaves, merchants, immigrants, and everyone else in North America. As both victims of illness and national leaders, the founders occupied a unique position regarding the development of public health in America. This work refocuses the study of the lives of George and Martha Washington,

Benjamin Franklin, Thomas Jefferson, John and Abigail Adams, and James and Dolley Madison away from the usual lens of politics to the unique perspective of sickness, health, and medicine in their era. For the founders, republican ideals fostered a reciprocal connection between individual health and the 'health' of the nation. Studying the encounters of these American founders with illness and disease, as well as their viewpoints about good health, not only provides us with insight into their lives, but also opens a first-hand window into the practice of medicine in the eighteenth century. Perhaps most importantly, today's American public health initiatives have their roots in the work of America's founders, for they recognized early on that government had compelling reasons to shoulder some new responsibilities with respect to ensuring the health and well-being of its citizenry. The state of medicine and public healthcare today is still a work in progress, but these founders played a significant role in beginning the conversation that shaped the contours of its development.--Publisher information.

On the Shoulders of Medicine's Giants Jan 13 2021 Medical history offers us many wise thoughts, a few misguided notions, and a host of intriguing back-stories. *On the Shoulders of Medicine's Giants* presents a selection of these, and tells how the words of medicine's "giants"—such as Hippocrates, Sir William Osler, Francis Weld Peabody, and Elizabeth Kübler-Ross—are relevant to medical science and practice in the 21st century. Which physician was the inspiration for the fictional character Sherlock Holmes, and what did he

identify as "the real essential factor in all successful medical diagnosis"? What did Sigmund Freud describe as his "tyrant," and what might this mean for doctors today? Do you know the attributed source of the well-known aphorism about horses and zebras, and what we believe this physician actually said? This book answers these questions and more, while also providing fascinating tales about each individual quoted. *On the Shoulders of Medicine's Giants* is recommended for practicing physicians, students, and residents, as well as nurse practitioners, physician assistants, and anyone involved in patient care who wants to understand the historical and epistemological foundations of what we do each day in practice. To see Dr. Taylor lecture on the history of medicine, go here:

<https://youtu.be/Zx4yaUyaPRA>

Infectious Diseases Aug 27 2019 *Infectious Diseases: Selected Entries from the Encyclopedia of Sustainability Science and Technology* presents authoritative, peer-reviewed contributions from leading experts on a wide range of major infectious diseases of global importance. Infectious diseases account for more than 17 million deaths each year worldwide. While modern medicine and technology have diminished the threat of many of these pathogens in high-income countries, the ever present threats of re-emerging infections, population mobility, natural disasters, and pathogen genetic variability are but some of the reasons for the dynamic threat of this broad category of risks to human health. An indispensable resource for students and scientists, the volume also covers some of the

new technologies currently under development for infectious disease prevention, treatment, and eradication. The greater part of the infectious disease burden remains in the tropics, where low and middle-income countries lack the resources, infrastructure, and health systems to mount or sustain control efforts. Many contributions describe the efforts of the scientific research community and international donor agencies to achieve the integrated goals of vigilant surveillance, improved and cost-effective diagnostics, and treatment for sustainable disease control.

The Age of Intoxication May 05 2020 Eating the flesh of an Egyptian mummy prevents the plague. Distilled poppies reduce melancholy. A Turkish drink called coffee increases alertness. Tobacco cures cancer. Such beliefs circulated in the seventeenth and eighteenth centuries, an era when the term "drug" encompassed everything from herbs and spices—like nutmeg, cinnamon, and chamomile—to such deadly poisons as lead, mercury, and arsenic. In The Age of Intoxication, Benjamin Breen offers a window into a time when drugs were not yet separated into categories—illicit and licit, recreational and medicinal, modern and traditional—and there was no barrier between the drug dealer and the pharmacist. Focusing on the Portuguese colonies in Brazil and Angola and on the imperial capital of Lisbon, Breen examines the process by which novel drugs were located, commodified, and consumed. He then turns his attention to the British Empire, arguing that it owed much of its success in this period to its usurpation of the Portuguese drug networks.

From the sickly sweet tobacco that helped finance the Atlantic slave trade to the cannabis that an East Indies merchant sold to the natural philosopher Robert Hooke in one of the earliest European coffeehouses, Breen shows how drugs have been entangled with science and empire from the very beginning. Featuring numerous illuminating anecdotes and a cast of characters that includes merchants, slaves, shamans, prophets, inquisitors, and alchemists, *The Age of Intoxication* rethinks a history of drugs and the early drug trade that has too often been framed as opposites—between medicinal and recreational, legal and illegal, good and evil. Breen argues that, in order to guide drug policy toward a fairer and more informed course, we first need to understand who and what set the global drug trade in motion.

Civil War Pharmacy May 17 2021 Flannery provides a thorough overview of the professional, economic, and military factors comprising pharmacy from 1861 to 1865 and includes the long-term consequences of the war for the pharmaceutical profession. This book is a complete study of a major aspect of health care during a pivotal moment in American history.

Battling Malaria Jul 31 2022 Examines how public health organizations are working to protect people, especially those who live in poverty, from malaria. Discusses research, treatment and public health measures.

Outbreak! Sep 08 2020 From ancient scourges to modern-day pandemics! Throughout

history--even recent history--highly contagious, deadly, and truly horrible epidemics have swept through cities, countrysides, and even entire countries. *Outbreak!* catalogs fifty of those incidents in gruesome detail, including: The Sweating Sickness that killed 15,000, including Henry VIII's older brother Syphilis, the "French Disease," which spread throughout Europe in the late fifteenth century The romantic disease: tuberculosis, featured in *La Boheme*, *La Traviata*, and *Les Miserables* The worldwide outbreak of influenza in 1918, which killed 3 percent of the population The mysterious appearance of HIV in the 1980s The devastating spread of Ebola in West Africa in 2014 From ancient outbreaks of smallpox and plague to modern epidemics such as SARS and Ebola, the stories capture the mystery and devastation brought on by these diseases. It's a sickeningly fun read that confirms the true definition of going viral.

Expedition and Wilderness Medicine Jul 07 2020 With an increase in visits to remote and dangerous locations around the world, the number of serious and fatal injuries and illnesses associated with these expeditions has markedly increased. Medical personnel working in or near such locations are not always explicitly trained in the management of unique environmental injuries, such as high-altitude sickness, the bends, lightning strikes, frostbite, acute dehydration, venomous stings and bites, and tropical diseases. Many health care professionals seek training in the specialty of wilderness medicine to cope with the health risks faced when far removed from professional care resources, and the American College

of Emergency Medicine has recently mandated that a minimum level of proficiency needs to be exhibited by all ER physicians in this discipline. This book covers everything a prospective field physician or medical consultant needs to prepare for when beginning an expedition and explains how to treat a variety of conditions in a concise, clinically oriented format.

The Miraculous Fever-Tree: Malaria, Medicine and the Cure that Changed the World (Text Only) Oct 02 2022 A rich and wonderful history of quinine – the cure for malaria.

The Miraculous Fever-tree Nov 03 2022 "In 1623, ten cardinals and hundreds of their attendants died from the 'mal'aria' or 'bad air' of the Roman marshes while electing a new Pope. Their choice, Urban VIII, determined that a cure be found for the fever that was the scourge of Europe. In 1631 a young Jesuit apothecary in Peru sent to the Old World a cure that had been found in the New - where the disease was unknown." "The cure was quinine, an alkaloid made from the bitter red bark of the cinchona tree, which grows in the Andes. Europe's Protestants feared it was nothing more than a Catholic poison, but before long quinine would change the face of medicine and open the door to Western imperial adventure in Asia, Africa and beyond." --Book Jacket.

Decontamination of Warfare Agents Jun 25 2019 Based on results previously restricted for military use and inaccessible to the public, this practice-oriented handbook introduces the use of enzymes for fast and efficient decontamination of B/C weapons in various

scenarios, including terrorist attacks. It draws on the internationally recognized technological leadership of the German armed forces, whose anti-B/C technology is among the most advanced worldwide. The text is rounded off with a look at future perspectives.

Encyclopedia of Cultivated Plants: From Acacia to Zinnia [3 volumes] Nov 22 2021

Readers of this expansive, three-volume encyclopedia will gain scientific, sociological, and demographic insight into the complex relationship between plants and humans across history.

Johann Reinhold Forster and the Making of Natural History on Cook's Second Voyage, 1772–1775 Jun 17 2021

The book examines the role of German scholar Johann Reinhold Forster, who served as principal naturalist on James Cook's second voyage of exploration to the Pacific from 1772 to 1775. It examines how Forster contributed to our knowledge of natural history on a daily basis aboard the Resolution.

Intellectual Property and Emerging Technologies Mar 27 2022 This unique and comprehensive collection investigates the challenges posed to intellectual property by recent paradigm shifts in biology. It explores the legal ramifications of emerging technologies, such as genomics, synthetic biology, stem cell research, nanotechnology, and biodiscovery. Extensive contributions examine recent controversial court decisions in patent law such as *Bilski v. Kappos*, and the litigation over Myriad's patents in respect of BRCA1 and BRCA2 while other papers explore sui generis fields, such as access to genetic

resources, plant breeders' rights, and traditional knowledge. The collection considers the potential and the risks of the new biology for global challenges such as access to health-care, the protection of the environment and biodiversity, climate change, and food security. It also considers Big Science projects such as biobanks, the 1000 Genomes Project, and the Doomsday Vault. The inter-disciplinary research brings together the work of scholars from Australia, Canada, Europe, the UK and the US and involves not only legal analysis of case law and policy developments, but also historical, comparative, sociological, and ethical methodologies. Intellectual Property and Emerging Technologies will appeal to policy-makers, legal practitioners, business managers, inventors, scientists and researchers.

The Cambridge World History Feb 11 2021 Comprehensive account of the intense biological, commercial, and cultural exchanges, and the creation of global connections, between 1400 and 1800.

Green Health Jun 29 2022 Colorful bracelets, funky brooches, and beautiful handmade beads: young crafters learn to make all these and much more with this fantastic step-by-step guide. In 12 exciting projects with simple steps and detailed instructions, budding fashionistas create their own stylish accessories to give as gifts or add a touch of personal flair to any ensemble. Following the successful "Art Smart" series, "Craft Smart" presents a fresh, fun approach to four creative skills: knitting, jewelry-making, papercrafting, and crafting with recycled objects. Each book contains 12 original projects to make, using a

range of readily available materials. There are projects for boys and girls, carefully chosen to appeal to readers of all abilities. A special "techniques and materials" section encourages young crafters to try out their own ideas while learning valuable practical skills.

Following the Water May 29 2022 Water reflects culture. This book is a detailed analysis of hydrological change in Australia's largest inland waterway in Australia, the Gippsland Lakes in Victoria, in the first 70 years of white settlement. Following air, water is our primal need. Unlike many histories, this book looks at the entire hydrological cycle in one place, rather than focusing on one bit. Deftly weaving threads from history, hydrology and psychology into one, *Following the Water* explores not just what settlers did to the waterscape, but probes their motivation for doing so. By combining unlikely elements together such as swamp drainage, water proofing techniques and temperance lobbying, the book reveals a web of perceptions about how water 'should be'. With this laid clear, we can ask how different we are from our colonial forebears.

THE BUNAU-VARILLA BROTHERS AND THE PANAMA CANAL Mar 03 2020 This book unravels the secrets of the Bunau-Varilla brothers' fortune, made in the construction of the French Canal in Panama in 1886-1889. It also asks why Philippe Bunau-Varilla is not recognised by Panamanians as the man who helped their republic to be born - without him, the Panama Canal would have been in Nicaragua.

Britain's Green Allies Apr 27 2022 The world's pharmaceutical industry was dominated

by German companies in 1914. How had they become so powerful? In 1914, and again in 1939, Britain's supply of vital drugs and antiseptics needed by both its armies and its civilian population was cut off because German pharmaceutical companies dominated world markets. The drugs most difficult to replace were those extracted from plants, such as morphine from blue poppies, digitalis from foxglove, and atropine from deadly nightshade, because most of these plants were cultivated either in Germany or in lands controlled by its allies. Britain's Green Allies uses contemporary newspaper articles, government documents and personal accounts to tell how, although the lessons of WWI were promptly forgotten before having to be re-learned in WWII, Britain succeeded in maintaining an adequate supply of the key drugs and other plant-based medical supplies in both wars. Britain did this by strengthening its own pharmaceutical industry and by utilising both its native plants and the botanical resources of its empire. Government, growers, the pharmaceutical industry, university researchers, and the public – members of the Women's Institute, Boy Scouts, and Girl Guides – all did their bit to win their war. Britain's Green Allies will appeal to those interested in the history of WWI and WWII; the history of medicine; herbal and alternative medicine; and plants and their uses.

Epidemics and the Modern World Apr 15 2021 Epidemics and the Modern World uses biographies of epidemics such as plague, tuberculosis, and HIV/AIDS to explore the impact of diseases on society from the fourteenth century to the twenty-first century.

Antimicrobial Drugs Dec 24 2021 Between 1935 and 1944 the field of microbiology, and by implication medicine as a whole, underwent dramatic advancement. The discovery of the extraordinary antibacterial properties of sulphonamides, penicillin, and streptomycin triggered a frantic hunt for more antimicrobial drugs that was to yield an abundant harvest in a very short space of time. By the early 1960s more than 50 antibacterial agents were available to the prescribing physician and, largely by a process of chemical modification of existing compounds, that number has more than tripled today. We have become so used to the ready availability of these relatively safe and highly effective 'miracle drugs' that it is now hard to grasp how they transformed the treatment of infection. This book documents the progress made from the first tentative search for an elusive 'chemotherapy' of infection in the early days of the twentieth century, to the development of effective antiviral agents for the management of HIV as the millennium drew to a close. It also offers a celebration of the individuals and groups that made this miracle happen, as well as examining the inexorable rise of the global pharmaceutical industry, and, most intriguingly, the essential input of luck. Infection still maintains a high profile in both medicine and the media, with the current threats of 'superbugs' such as MRSA acquired in hospital, and a potential resistance to antibiotics. This book tracks the history of antimicrobial drugs, a remarkable medical triumph that has provided doctors with an amazing armoury of safe and effective drugs that ensure that reversion to the helpless state of the fight against infection witnessed

in the early 1900s is extremely unlikely. This timely compendium acknowledges the agents that have surely led to the relief of more human and animal suffering than any other class of drugs in the history of medical endeavour.

Terms of Use Sep 01 2022 Sequel to : No Trespassing.

The Health of the First Ladies Oct 22 2021 This first comprehensive study of the medical histories of America's first ladies--from Martha Washington to Michelle Obama--discusses their illnesses, their treatments and their physicians in the context of their times. As the categories of illness afflicting Americans have changed through history so have the kinds of maladies affecting the first ladies. Infectious diseases and the consequences of poorly supervised pregnancies have been replaced by cerebrovascular accidents and malignancies. The secrecy with which the White House has traditionally handled inquiries about the health of the president's wife is explored in detail; however, several first ladies, notably Betty Ford, have been transparent about their illnesses in order to educate the public. The effects of a first lady's responsibilities on her health is examined. This book also seeks to discern how the well-being of the first lady influences presidential performance.

Living with Germs Apr 03 2020 The word germ is defined as 'a microbe that causes disease'. The vast majority of microbes do not infect us at all: it is pathogens that make us ill. These include bacteria, viruses, protozoa, fungi, worms, and prions. *Living with Germs* not only looks at all of these in detail, but also at the defence mechanisms by which we come to

terms with them, whether by eliminating them, stopping them from eliminating us, or simply learning to live with them. This is the first book to look at the subject of immunology in a relevant and approachable style. Using anecdotal and autobiographical material, John Playfair has produced a lively, well-written, and up-to-date look at immunology. Timely and topical, this will appeal to all those who want to know the facts behind the 'germ' scare stories.

the-miraculous-fever-tree

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