

Trachoma A Blinding Scourge From The Bronze Age To The Twenty First Century

Rapid and important developments in the area of energy - water nexus over the last two to three years have been significant. This new edition of *Water and Energy: Threats and Opportunities* is timely and continues to highlight the inextricable link between water and energy, providing an up-to-date overview of the subject with helpful detailed summaries of the technical literature. *Water and Energy* has been up-dated throughout and major changes are: new chapters on global warming and fossil fuels, including shale gas and fracking; the consequences of the Deepwater Horizon accident in the Mexican Gulf and the Niger Delta oil spills; new developments in hydropower; and continued competition between food, water and energy. *Water and Energy Threats and Opportunities, 2e* creates an awareness of the important couplings between water and energy. It shows how energy is used in all the various water cycle operations and demonstrates how water is used and misused in all kinds of energy production and generation. Population increase, climate

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change and an increasing competition between food and fuel production create enormous pressures on both water and energy availability. Since there is no replacement for water, water security looks more crucial than energy security. This is true not only in developing countries but also in the most advanced countries. For example, the western parts of the USA suffer from water scarcity that provides a real security threat. Part One of the book describes the water-energy nexus, the conflicts and competitions and the couplings between water security, energy security, and food security. Part Two captures how climate change, population increase and the growing food demand will have major impact on water availability in many countries in the world. Part Three describes water for energy and how energy production and conversion depend on water availability. As a consequence, all planning has to take both water and energy into consideration. The environmental (including water) consequences of oil and coal exploration and refining are huge, in North America as well as in the rest of the world. Furthermore, oil leak accidents have hit America, Africa, Europe as well as Asia. The consequences of hydropower are discussed and the competition

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between hydropower generation, flood control and water storage is illustrated. The importance of water for cooling thermal power plants is described, as this was so tragically demonstrated at the Fukushima nuclear plants in 2011. Climate change will further emphasize the strong coupling between water availability and the operation of power plants. Part Four analyses energy for water – how water production and treatment depend on energy. The book shows that a lot can be done to improve equipment, develop processes and apply advanced monitoring and control to save energy for water operations. Significant amounts of energy can be saved by better pumping, the reduction of leakages, controlled aeration in biological wastewater treatment, more efficient biogas production, and by improved desalination processes. There are 3 PowerPoint presentations available for Water and Energy – threats and opportunities, 2e. About the author Gustaf Olsson, Professor Em. in Industrial Automation, Lund University, Sweden Since 2006, Gustaf has been Professor Emeritus at Lund University, Sweden. Gustaf has devoted his research to control and automation in water systems, electrical power systems and process industries.

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From 2006 to 2008 he was part time professor in electrical power systems at Chalmers University of Technology, Sweden. He is guest professor at the Technical University of Malaysia (UTM) and at the Tsinghua University in Beijing, China and he is an honorary faculty member of the Exeter University in UK. Between 2005 and 2010 he was the editor-in-chief of the journals Water Science and Technology and Water Science and Technology/Water Supply, (IWA Publishing). From 2007 to 2010, he was a member of the IWA Board of Directors and in 2010 he received the IWA Publication Award. In 2012 he was the awardee of an Honorary Doctor degree at UTM and an Honorary Membership of IWA. Gustaf has guided 23 PhDs and a few hundred MSc students through their exams and has received the Lund University pedagogical award for distinguished achievements in the education". The Lund University engineering students elected him as the teacher of the year He has spent extended periods as a guest professor and visiting researcher at universities and companies in the USA, Australia and Japan and has been invited as a guest lecturer in 19 countries outside Sweden. He has authored nine books published in English, Russian, German and Chinese and and

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contributed with chapters in another 19 books as well as more than 170 scientific publications.

With a New Chapter and Updated Epilogue on Coronavirus A Financial Times Best Health Book of 2019 and a New York Times Book Review Editors' Choice "Honigsbaum does a superb job covering a century's worth of pandemics and the fears they invariably unleash." –Howard Markel, MD, PhD, director of the Center for the History of Medicine, University of Michigan How can we understand the COVID-19 pandemic? Ever since the 1918 Spanish influenza pandemic, scientists have dreamed of preventing such catastrophic outbreaks of infectious disease. Yet despite a century of medical progress, viral and bacterial disasters continue to take us by surprise, inciting panic and dominating news cycles. In *The Pandemic Century*, a lively account of scares both infamous and less known, medical historian Mark Honigsbaum combines reportage with the history of science and medical sociology to artfully reconstruct epidemiological mysteries and the ecology of infectious diseases. We meet dedicated disease detectives, obstructive or incompetent public health officials, and brilliant scientists

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often blinded by their own knowledge of bacteria and viruses—and see how fear of disease often exacerbates racial, religious, and ethnic tensions. Now updated with a new chapter and epilogue. The clock is relentlessly ticking! Our world teeters on a knife-edge between a peaceful and prosperous future for all, and a dark winter of death and destruction that threatens to smother the light of civilization. Within 30 years, in the 2030 decade, six powerful 'drivers' will converge with unprecedented force in a statistical spike that could tear humanity apart and plunge the world into a new Dark Age. Depleted fuel supplies, massive population growth, poverty, global climate change, famine, growing water shortages and international lawlessness are on a crash course with potentially catastrophic consequences. In the face of both doomsaying and denial over the state of our world, Colin Mason cuts through the rhetoric and reams of conflicting data to muster the evidence to illustrate a broad picture of the world as it is, and our possible futures. Ultimately his message is clear; we must act decisively, collectively and immediately to alter the trajectory of humanity away from catastrophe. Offering over 100 priorities for immediate action, The 2030

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Spike serves as a guidebook for humanity through the treacherous minefields and wastelands ahead to a bright, peaceful and prosperous future in which all humans have the opportunity to thrive and build a better civilization. This book is powerful and essential reading for all people concerned with the future of humanity and planet earth.

Hunter's Tropical Medicine and Emerging Infectious Disease is your comprehensive, go-to resource on the health conditions that arise in the tropics! From infectious diseases through environmental issues, poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies, this medical reference book provides you with all the guidance you need to diagnose and manage even the most exotic health concerns. Stay at the forefront of this ever-changing field with Hunter's Tropical Medicine and Emerging Infectious Disease! Understand the common characteristics and methods of transmission for each disease, and learn all the applicable diagnosis, treatment, control, and prevention techniques. Get the information you need in the most organized way with infectious agents arranged by syndromes, as they typically present. Stay abreast of the latest

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maladies seen in returning travelers through useful chapters on delusional parasitosis, international adoptions, transplant patients, medical tourism, and more. Access the most up-to-date information on emerging and re-emerging diseases (such as H1N1), and see how progression occurs through all-new illustrative life cycles. Hone your techniques with a new skills-based section which includes dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and a service-based section covering transfusion in resource-poor settings, microbiology, and imaging. Learn everything you need to know about infrequently encountered tropical drugs and their practical application in the clinical setting. Seamlessly search the complete contents online at www.expertconsult.com.

New emerging diseases, new diagnostic modalities for resource-poor settings, new vaccine schedules ... all significant, recent developments in the fast-changing field of tropical medicine. Hunter's Tropical Medicine and Emerging Infectious Diseases, 10th Edition, keeps you up to date with everything from infectious diseases and environmental issues through poisoning and toxicology, animal injuries, and nutritional and

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micronutrient deficiencies that result from traveling to tropical or subtropical regions. This comprehensive resource provides authoritative clinical guidance, useful statistics, and chapters covering organs, skills, and services, as well as traditional pathogen-based content. You'll get a full understanding of how to recognize and treat these unique health issues, no matter how widespread or difficult to control. Includes important updates on malaria, leishmaniasis, tuberculosis and HIV, as well as coverage of Ebola, Zika virus, Chikungunya, and other emerging pathogens. Provides new vaccine schedules and information on implementation. Features five all-new chapters: Neglected Tropical Diseases: Public Health Control Programs and Mass Drug Administration; Health System and Health Care Delivery; Zika; Medical Entomology; and Vector Control - as well as 250 new images throughout. Presents the common characteristics and methods of transmission for each tropical disease, as well as the applicable diagnosis, treatment, control, and disease prevention techniques. Contains skills-based chapters such as dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and service-based chapters such as

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transfusion in resource-poor settings, microbiology, and imaging. Discusses maladies such as delusional parasitosis that are often seen in returning travelers, including those making international adoptions, transplant patients, medical tourists, and more.

Ten years in public health 2007–2017 chronicles the evolution of global public health over the decade that Margaret Chan served as Director-General at the World Health Organization. This series of chapters evaluates successes setbacks and enduring challenges during the decade. They show what needs to be done when progress stalls or new threats emerge. The chapters show how WHO technical leadership can get multiple partners working together in tandem under coherent strategies. The importance of country leadership and community engagement is stressed repeatedly throughout the chapters. Together we have made tremendous progress. Health and life expectancy have improved nearly everywhere. Millions of lives have been saved. The number of people dying from malaria and HIV has been cut in half. WHO efforts to stop TB saved 49 million lives since the start of this century. In 2015 the number of child deaths dropped below 6

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million for the first time a 50% decrease in annual deaths since 1990. Every day 19 000 fewer children die. We are able to count these numbers because of the culture of measurement and accountability instilled in WHO. These chapters tell a powerful story of global challenges and how they have been overcome. In a world facing considerable uncertainty international health development is a unifying - and uplifting - force for the good of humanity.

A comprehensive account of protozoan and metazoan diseases in modern clinical practice, with orientation towards clinical management of parasitic infections. In the past, parasitology was considered as an obscure subject of little relevance to the majority of clinicians and microbiologists. Over the last decade, however, much has happened to change this, not least the explosion in foreign travel This textbook is the fourth in the Principles and Practice series, providing an expansive and detailed coverage of clinical microbiology. It has a similar appeal to that of Zuckerman's, Principles & Practice of Clinical Virology, with an international authorship and emphasis placed on integrating new knowledge in a clinically relevant manner. .

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An essential, up-to-date sourcebook on the fundamentals of human parasitology . Provides a global approach with renowned and international authorship . Completes the quartet of Principles and Practice series in Microbiology

[Cornea and External Eye Disease](#)

[A Radical Rethinking of the Way to Fight Global Poverty](#)

[Culture, Race, Climate, and Eye Disease](#)

[Health, Medicine, and Society in Victorian England](#)

[Hunter's Tropical Medicine and Emerging Infectious Disease E-Book](#)

[The 2030 Spike](#)

[Making Health Policy](#)

[Countdown to Global Catastrophe](#)

[Skin-Related Neglected Tropical Diseases \(Skin-NTDs\): A New Challenge](#)

[The Story of UNICEF, Past and Present](#)

[Corneal Allotransplantation, Allergic Disease and Trachoma](#)

[The Blight of Asia](#)

69 but usually such a condition is terminal, and denotes irreversible pump failure. Many patients can, however,

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return to useful activity, avoiding sudden unaccustomed exertion, and being maintained on diuretics, potassium and digoxin with suitable surveillance. Curative surgery may be possible in those with heart valve lesions. Heart transplantation. Remarkable technical success has been achieved, and patients have survived for up to two years after operation. It is, however, difficult to decide which cases are suitable, for early cases may benefit from less drastic measures, and late cases have involvement of lungs and liver, lessening the changes of success. There are problems too, of transplant rejection, immunosuppression and of the ethics of obtaining donor hearts. There may be a greater place for the use of plastic pumps, which are being developed for use as temporary supports to the circulation, e.g. in myocardial infarction, until the heart function improves. Prevention of cardiac disease; a summary
Congenital heart disease should be recognized early, for cure is often possible. Rheumatic heart disease has diminished with the conquest of the streptococcus, but where

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it has occurred, early recognition and treatment of valvular complications will prevent heart failure. Hypertension and its effects can be remedied before the stage of heart failure. We are left with arteriosclerotic heart disease, and while alleviation of its effects is possible, prevention awaits understanding of the arteriosclerotic process. Meantime, we can advise the control of obesity and the cessation of cigarette smoking.

The integration of the blind into society has always meant taking on prejudices and inaccurate representations.

Weygand's highly accessible anthropological and cultural history introduces us to both real and imaginary figures from the past, uncovering French attitudes towards the blind from the Middle Ages through the first half of the nineteenth century. Much of the book, however, centers on the eighteenth century, the enlightened age of Diderot's emblematic blind man and of the Institute for Blind Youth in Paris, founded by Valentin Haüy, the great benefactor of blind people. Weygand paints a moving picture of the blind

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admitted to the institutions created for them and of the conditions under which they lived, from the officially-sanctioned beggars of the medieval Quinze-Vingts to the cloth makers of the Institute for Blind Workers. She has also uncovered their fictional counterparts in an impressive array of poems, plays, and novels. The book concludes with Braille, whose invention of writing with raised dots gave blind people around the world definitive access to silent reading and to written communication.

The quality and availability of fresh water are of critical importance to human and ecosystem health. Given its central role in the functioning of all living systems, water is arguably the most important of all natural resources. Produced biennially, *The World's Water* provides a comprehensive examination of issues surrounding freshwater resources and their use. It offers analysis of the most significant trends worldwide along with the most current data available on a variety of water-related topics. This 2000-2001 edition features overview chapters on: water as a

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human right water and food desalination stocks and flows of fresh water international watersheds and water-related conflicts water reclamation/recycling the removal of dams It also includes brief reports on issues such as arsenic in ground water in Bangladesh, the collection of fog as a source of water in remote regions, the role of nongovernmental organizations in meeting basic water needs, and an update on water and the internet. Following the overview chapters are more than thirty charts and tables that offer data on topics including: water use by country, agricultural water use, salinization, endangered aquatic species, major rivers in China, dam capacity, desalination capacity, and more. The World's Water is the most comprehensive and up-to-date source of information and analysis on freshwater resources and the political, economic, scientific, and technological issues associated with them. It is an essential reference for water resource professionals in government agencies and nongovernmental organizations, researchers, students, and anyone concerned

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with water and its use.

This book covers all aspects of Neglected Tropical Diseases in the region of South Asia. NTDs constitute a significant part of the total disease burden in this geographic area, including soil borne helminth infections, vector borne viral infections, protozoan infections and a few bacterial infections. The current volume covers the most common neglected viral, bacterial and protozoan infections. On top of that, the last part of the volume is dedicated to the management of neglected tropical diseases.

Maternal-Child Health is one of the greatest challenges the world has to cope with today. Every year, thousands of women, newborns and children die unnecessarily, particularly in resource-poor settings. There is a great disparity caused by food insecurity and hunger, environmental health risks, sanitation challenges, cultural barriers and non-accessibility to diagnosis and treatment. "Maternal-Child Health: Interdisciplinary Aspects within the Perspective of Global Health" addresses these issues. The contributions of

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this book are based on the ONE HEALTH concept by focusing on infectious and non-communicable diseases and to present interdisciplinary views from more than 60 authors who come from 14 countries. The aim is to shape our understanding on Maternal-Child Health Solutions by looking at > agricultural and environmental > economic, social and theological > biomedical and nutritional > clinical human and veterinary as well as > epidemiology and > public health expertise. The Göttingen International Health Network is corresponding to a variety of different geographic regions and programs to improve global health perspective and health of the most vulnerable: mothers and their children.

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1885 edition. Excerpt: ...one eye only. Now-a-days the number of those who are rendered totalsblind is much smaller. The disease assumes a more chronic form, giving the patient time to resort to medical

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aid. The knowledge of the disease and of its treatment is more generally distributed among medical men than was the case at the time of the invasion of the epidemic. COHN had among 1000 blind eyes 17 which had been destroyed by trachoma. Magnus found among 707 cases of total blindness examined by him, 2-2 per Bricht uber die Heidelberger ophthalmologische Versammlung, 1881 p. 38. 158 BLINDNESS FROM TRACHOMA. cent, caused by trachoma. Daumas had among 1178 cases of blindness of both eyes 54 per cent, caused by trachoma, CarReras-arago among 395 blind, 9/1 per cent, from this cause. If we look only at the number of cases of blindness, we shall not obtain a right conception of the extent to which trachoma proves a scourge in many countries. In the chronic form of this disease, those affected by it are often for years incapacitated for work before turning blind, and no statistician takes account of those who after years of suffering do not become totally blind, but retain only very imperfect sight. What a great loss of working power does not that imply for a busy industrial country like

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Belgium, where, in 1830, one sixth part of the population were suffering from this disease (JUENCKEN). 55.

Prophylaxis.--The same may be said of trachoma as of the blennorrhoea of new-born infants: if sufficient care be exercised no one ought to lose his sight by it. The object of prophylaxis here also consists of two points: Avoiding communication and treatment of the affected persons. The communication of the disease will be best prevented by stringent separation of the...

This work offers a social and cultural history of Victorian medicine "from below," as experienced by ordinary practitioners and patients, often described in their own words. * Offers a chronology of medical history in Victorian England * Includes illustrations in every chapter, such as images from 19th-century medical textbooks, magazine cartoons, portraits, and paintings

[The Almanac of American Philanthropy](#)

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[Principles and Practice of Clinical Parasitology](#)

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[REPORT BY DR MARGARET CHAN DIRECTOR-GENERAL WORLD HEALTH ORGANIZATION](#)

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[Human Chlamydial Infections](#)

[Interdisciplinary Aspects Within the Perspective of Global Health](#)

[Maternal-Child Health](#)

[Children First](#)

[Trachoma](#)

[Water and Sanitation-Related Diseases and the Environment](#)

Hunter's Tropical Medicine and Emerging Infectious Disease is your comprehensive, go-to resource on the health conditions that arise in the tropics! From infectious diseases through environmental issues, poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies, this medical reference book provides you with all the guidance you need to diagnose and manage even the most exotic health concerns. Stay at the forefront of this ever-changing field with Hunter's Tropical Medicine and Emerging Infectious Disease! Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Understand the common characteristics and methods of transmission for each disease, and learn all the applicable diagnosis, treatment, control, and prevention techniques. Get the information you need in the most organized way with infectious

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agents arranged by syndromes, as they typically present. Stay abreast of the latest maladies seen in returning travelers through useful chapters on delusional parasitosis, international adoptions, transplant patients, medical tourism, and more. Access the most up-to-date information on emerging and re-emerging diseases (such as H1N1), and see how progression occurs through all-new illustrative life cycles. Hone your techniques with a new skills-based section which includes dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and a service-based section covering transfusion in resource-poor settings, microbiology, and imaging. Learn everything you need to know about infrequently encountered tropical drugs and their practical application in the clinical setting. Rich and colorful illustration Problem-oriented approach Technical terms are avoided, when they can be replaced with plain English Book deals with the science of Ophthalmology at a basic level Text concentrates on eye diseases which are likely to be seen by general practitioners and optometrists at the primary care level Ideal for students

Chlamydiae are obligate intracellular bacteria that cause one of the most common sexually transmitted infectious diseases in the world. The infection disproportionately impacts women and the highest prevalence of infection is found in adolescents. Most chlamydial infections are asymptomatic. Untreated infections are sources of further spread of infection and can lead to serious consequences including pelvic inflammatory disease, infertility and chronic pelvic pain. Chlamydial infections also increase a person's susceptibility to HIV and other STDs. Featuring contributions by internationally recognized experts in epidemiology, infectious disease research and chlamydial biology, this book provides up-to-date reviews from a clinical and public health perspective on chlamydia epidemiology and control programs, genomics and pathogenicity, diagnosis, treatment, host immune responses, and the latest on the search for an effective vaccine. Also included are chapters on the impact of

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chlamydial infection on specific populations such as the lesbian, gay, bisexual and transgender community, and an update on the outbreak in Europe of the invasive chlamydial infection, lymphogranuloma venereum or LGV. This comprehensive publication is intended for clinicians, public health workers and scientists with interest in sexually transmitted diseases, medical microbiology, infectious diseases and clinical research.

This book is a printed edition of the Special Issue Skin-Related Neglected Tropical Diseases (Skin-NTDs)—A New Challenge that was published in TropicalMed

Trachoma is an infectious eye disease that causes blindness; it is prevalent in many poor rural communities. The World Health Organization has set the year 2020 as the target for global elimination of trachoma as a public health problem. To reach this target, the SAFE strategy (Surgery for trichiasis Antibiotics to treat Chlamydia trachomatis infection, and Facial cleanliness and Environmental improvement to reduce transmission of C. trachomatis from one person to another) is recommended for districts and communities with endemic disease. This guide has been written for managers of national and district trachoma control programs. It sets out, step-by-step, what is needed to assess the magnitude and extent of the trachoma problem in the area and how to plan, implement, monitor, and evaluate a program to control, and ultimately eliminate trachoma. Templates for a number of forms recommended for use in a program can be found in the annex. To allow adaptation of the forms for use in a specific program, electronic versions are available on the CD-ROM that accompanies this guide. The CD-ROM also contains an antibiotic requirement estimator, a template budget and a generic evaluation manual. Two versions of this guide are available: The trainer's version includes the guide with a set of 30 slides and the CD-ROM. The learner's version contains the guide with the CD-ROM.

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The Cambridge History of Medicine surveys the rise of medicine in the West from classical times to the present. Covering both the social and scientific history of medicine, this 2006 volume traces the chronology of key developments and events, engaging with the issues, discoveries, and controversies that have characterized medical progress.

This publication marks the 70th anniversary of the founding of FAO as a United Nations Agency for Food and Agriculture. This book tells the story of these seven decades of the history of FAO, its protagonists and their endeavours. This is the history in seven decades of an organisation born with one goal: to free humanity of hunger.

[*Sexually Transmitted Infections and Infertility in History*](#)

[*Neglected Tropical Diseases - South Asia*](#)

[*Infectious Diseases of the Fetus and Newborn Infant*](#)

[*Sociomedical Aspects of Trachoma*](#)

[*Communicable Diseases of the Developing World*](#)

[*The Biennial Report On Freshwater Resources*](#)

[*The Pandemic Century: One Hundred Years of Panic, Hysteria, and Hubris*](#)

[*Poor Economics*](#)

[*2017 Compact Edition*](#)

[*70 Years of Fao \(1945-2015\)*](#)

[*Text with CD-ROM*](#)

[*The Hidden Affliction*](#)

Philanthropy in America is a giant undertaking—every year more than \$390 billion is voluntarily given by individuals, foundations, and businesses to a riot of good

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causes. Donation rates are two to ten times higher in the U.S. than in comparable nations, and privately funded efforts to solve social problems, enrich culture, and strengthen society are among the most significant undertakings in the United States. The Almanac of American Philanthropy was created to serve as the definitive reference on America's distinctive philanthropy. Upon its publication it immediately became the authoritative, yet highly readable, 1,342-page bible of private giving—chronicling the greatest donors in history, the most influential achievements, the essential statistics, and summaries of vital ideas about charitable action. Now there is this new Compact Edition of the Almanac. It offers highlights of the crucial information and fascinating arguments contained in the full-length Almanac, in a condensed format. All updated to 2017!

The winners of the Nobel Prize in Economics upend the most common assumptions about how economics works in this gripping and disruptive portrait of how poor people actually live. Why do the poor borrow to save? Why do they miss out on free life-saving immunizations, but pay for unnecessary drugs? In Poor Economics, Abhijit V. Banerjee and Esther Duflo, two award-winning MIT professors, answer these questions based on years of field research from around the world. Called "marvelous, rewarding" by the Wall Street Journal, the book offers a radical rethinking of the economics of poverty and an intimate view of life on 99 cents a day. Poor Economics shows that creating a world without

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poverty begins with understanding the daily decisions facing the poor. This book provides an overview on the major neglected tropical diseases (NTDs) occurring in Sub-Saharan Africa, such as Leishmaniasis, Buruli Ulcer and Schistosomiasis. In well-structured chapters epidemiology and biology of these parasitic diseases will be discussed in detail. Further, diagnostics and therapeutic approaches as well as prevention strategies will be reviewed. The book will be of interest to basic researchers and clinicians engaged in infectious disease, tropical medicine, and parasitology, and a must-have for scientists specialized in the characteristics of the Sub-Saharan region. Presents a fascinating and comprehensive review of trachoma, from ancient times through to the present. He makes his own predictions and recommendations regarding methods for eliminating this scourge for all time. Trachoma, which has been targeted by the World Health Organization (WHO) for elimination by 2020, currently affects 84 million children in 56 countries and blinds 1.5 million adults. This seminal and highly readable work will be invaluable for anyone who is interested in trachoma, but will also appeal to those interested in the interface of public health and development, the history of medicine or health care development. Used across the public health field, this is the leading text in the area, focusing on the context, participants and processes of making health policy.

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Written by authorities from various related specialties, this book presents the most complete treatment possible of the conditions responsible for water- and sanitation-related diseases, the pathogens and their biology, morbidity and mortality resulting from lack of safe water and sanitation, distribution of these diseases, and the conditions that must be met to reduce or eradicate them. Preventive measures and solutions are presented throughout. This book is an essential resource for all graduate students, postdoctoral scholars, and professionals in infectious disease, public health and medicine, chemical and environmental engineering, and international affairs. Key features: Provides a comprehensive understanding of the interconnection among many factors related to water-related diseases, sanitation and hygiene Brings together experts from various specialties to address each area covered and to assist in bringing about the understanding of those interconnections Provides examples of successful interventions with knowledge about how they were brought about so that information can be used to replicate the initiative in full or in part Provides an appreciation of the concerns and solutions addressed from an international perspective with high and low technological solutions Provides insight into the international dimension of these concerns and how they can be best addressed Four hours of accompanying multimedia DVD on two discs Learn more about this title and share information with colleagues and friends using this three-

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This book reviews the current strategies and challenges for the treatment of bacterial, fungal, parasitic and viral infectious diseases in developing countries. Contributing authors present expert analysis on the transmission, epidemiology, bacteriology, pathogenesis and treatment of Neglected Tropical Bacterial Diseases such as Leprosy, Buruli ulcer, and Trachoma. Particular attention is also given to current antifungal agents, their spectrum of activity, mode of action, limitations, and current challenges in antifungal therapy. The authors explore the medicinal chemistry efforts that gave rise to currently launched drugs and new anti-HIV agents, and they also highlight the latest vaccine and drug developments in the clinical management of the Ebola Virus Disease, ignited by the 2014-2016 outbreak. This work has an interdisciplinary appeal and will engage scholars and professionals in the burden of communicable diseases.

**[Hunter's Tropical Medicine and Emerging Infectious Diseases E-Book
Threats and Opportunities](#)**

[A Blinding Scourge from the Bronze Age to the Twenty-First Century](#)

[Water and Energy](#)

[A Guide for Programme Managers](#)

[Trachoma Control](#)

[Clean Faces, Strong Eyes](#)

[Defining the Relationship, Enhancing the Research, and Mitigating the Effects: Workshop Summary](#)

[The Causes and the Prevention of Blindness](#)

[Chlamydial Infection: A Clinical and Public Health Perspective](#)

[Ten years in public health 2007-2017](#)

[The Cambridge History of Medicine](#)

Multidisciplinary collection of essays on the relationship of infertility and the "historic" STIS--gonorrhea, chlamydia, and syphilis--producing surprising new insights in studies from across the globe and spanning millennia.

The 8 recurring volumes of the "Essentials in Ophthalmology" series cover the most recent developments in one of eight subspecialties in Ophthalmology. With four volumes published per year, each subspecialty is newly visited every 24 months, with a distinct focus on recent developments. By bridging the gap between original research and medical textbooks, the transfer of this developing knowledge into daily practice is greatly enhanced.

In recent years, a number of chronic diseases have been linked, in some cases definitively, to an infectious etiology: peptic ulcer disease

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with *Helicobacter pylori*, cervical cancer with several human papillomaviruses, Lyme arthritis and neuroborreliosis with *Borrelia burgdorferi*, AIDS with the human immunodeficiency virus, liver cancer and cirrhosis with hepatitis B and C viruses, to name a few. The proven and suspected roles of microbes does not stop with physical ailments; infections are increasingly being examined as associated causes of or possible contributors to a variety of serious, chronic neuropsychiatric disorders and to developmental problems, especially in children. The Infectious Etiology of Chronic Diseases: Defining the Relationship, Enhancing the Research, and Mitigating the Effects, summarizes a two-day workshop held by the Institute of Medicine's Forum on Microbial Threats to address this rapidly evolving field. Participants explored factors driving infectious etiologies of chronic diseases of prominence, identified difficulties in linking infectious agents with chronic outcomes, and discussed broad-based strategies and research programs to advance the field. Celebrating UNICEF's 50th anniversary in 1996, Children First examines changes in public attitudes and government policies which have put children at the top of the international agenda in the 1990s.

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Starting from the International Year of the Child in 1979, development historian Maggie Black studies the two movements which have done most to raise the visibility of children in the public consciousness:- the child survival campaign, which culminated in the 1990 World Summit for Children- the movement for children's rights, which resulted in the 1989 International Convention on the Rights of the Child, now ratified by 177 countries. Children First explores what brought these two movements such unprecedented success, and asks: Is this new found concern for the world's children likely to last?

"Update of: Trichiasis surgery for trachoma, the bilamellar tarsal rotation procedure and 'Final assessment of trichiasis surgeons."

Immigrant Medicine is the first comprehensive guide to caring for immigrant and refugee patient populations. Edited by two of the best-known contributors to the growing canon of information about immigrant medicine, and written by a geographically diverse collection of experts, this book synthesizes the most practical and clinically relevant information and presents it in an easy-to-access format. An invaluable resource for front-line clinicians and other healthcare professionals, public health officials, and policy makers,

Immigrant Medicine is destined to become the benchmark reference in this emerging field. Features expert guidance on data collection, legal, interpretive and social adjustment issues, as well as best practices in caring for immigrants to help you confidently manage all aspects of immigrant medicine. Includes detailed discussions on major depression, post traumatic stress disorder, and issues related to torture so you can effectively diagnose and treat common psychiatric issues. Covers international and new-arrival screening and immunizations offering you invaluable advice. Presents a templated diseases/disorders section with discussions on tuberculosis, hepatitis B, and common parasites that helps you easily manage the diseases and syndromes you are likely to encounter. Provides boxed features and tables, differential diagnoses, and treatment algorithms to help you absorb information at a glance.

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