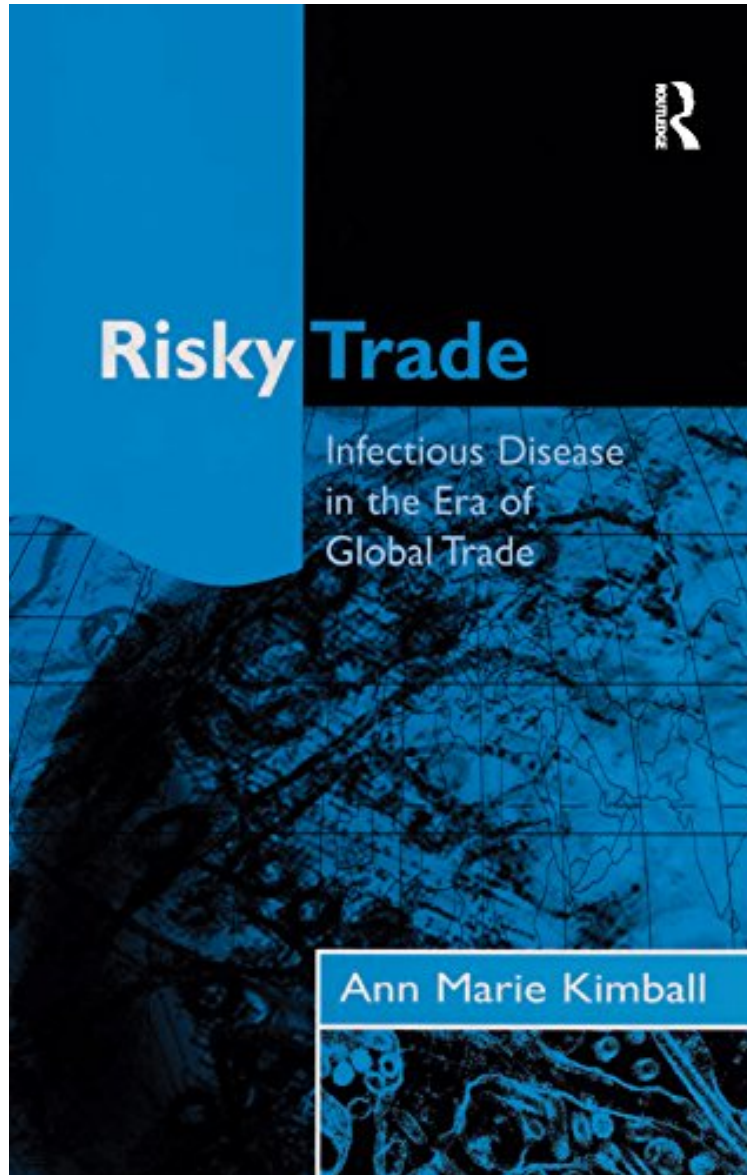


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Risky Trade: Infectious Disease in the Era of Global Trade

Ann Marie Kimball

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Ann Marie Kimball : Risky Trade: Infectious Disease in the Era of Global Trade before purchasing it in order to gage whether or not it would be worth my time, and all praised Risky Trade: Infectious Disease in the Era of Global Trade:

0 of 0 people found the following review helpful. Risky tradeBy Jane E. BergWe take a lot of things for granted in our day-to-day lives, including transmission of infectious diseases. In a less than a day, an infectious disease, such as tuberculosis, influenza, can be spread around the world through one common form of transportation - the airplane. Not

only is it a self-contained capsule where you and the other 300 passengers are breathing each other's air, each one of these passengers is exposed to another's germs. A simple sneeze or cough spreads thousands (or millions) of infectious particles that these passengers then carry with them to their respective destinations. The book was revealing and eye-opening and has made me more aware of exposures during my own travels. 7 of 7 people found the following review helpful. Tiny Bugs Could Derail Global Express By G. B. Hayes It has been over a decade since Laurie Garrett's bestseller *The Coming Plague: Newly Emerging Diseases in a World Out of Balance* was published. Since then new diseases not covered in her book have blackened headlines: mad cow (BSE and its human counterpart new variant Creutzfeldt-Jacob disease), anthrax spores in letters, SARS, and avian flu. Dr. Ann Marie Kimball's new book brings us up-to-date. It is a very different sort of book than Garrett's. Its tone is quieter, it is only a third as heavy, but it is even more authoritative and packed with facts. Like Garrett's, it is readily understandable by a layperson and it leaves the reader with a new awareness of how the "global express" has greatly increased our vulnerability to evolving and species-jumping organisms and to their potential use by terrorists. I should disclose up front that I know the author and read an early draft of this book. But as a writer/editor I know many authors, and this is the first time I've felt compelled to write a review. In a surprising lapse, the publisher omits information on the author's position and background. Why should a potential reader think this attractive blonde knows what she's talking about? In fact, she is at the top of her field. Dr. Kimball has both an MD and a Masters in Public Health, is a professor of epidemiology at the University of Washington, Director of the Asia Pacific Economic Cooperation Emerging Infections Network and also Director of the Framework for Global Health: Local to Global. Furthermore, she is a hands-on epidemiologist experienced in fieldwork (she has had hair-raising experiences doing detective work in places like Yemen and the Central African Republic). She has also been a leader in the AIDS field, doing extensive policy as well as clinical work. Although her publisher clearly sees this book as a text that will be used by public health and epidemiology professors, and has priced it accordingly, it is also an invaluable resource for international business tycoons who stand to lose their shirts if a nasty microorganism turns up in one of their products (the book examines the economics of past scares), government policy makers at all levels, public health authorities, veterinarians, emergency responders like police and firemen, and customs and port authorities. The clarity with which it is written and the vividness of the many case histories will also appeal to intellectually curious general readers. *Risky Trade* includes in-depth explanations of the various diseases that have been, or might be, introduced into our bodies or food sources through world trade. The book lays bare the secrets of each organism and points out gaps in our surveillance systems that might allow them to enter our country. I found the section on potential agricultural terrorism particularly alarming. Although not as dramatic as jetliners hitting buildings, the release of pathogens on agricultural products would be far cheaper, far easier to do, and far more economically devastating to our nation. Not only does Dr. Kimball spell out the problems; she also lays out solutions. She has extensive experience working in and with national and international public health organizations and isn't naïve about governmental inertia in the face of danger or about governments' reluctance to spend money until a crisis is underway. But she makes practical suggestions about creating incentives for good corporate behavior and public/private cooperation. She also stresses the need to shore up our public health system, which is presently even weaker than New Orleans' levees. Not all answers are to be found in laboratories--many of the most vital changes are ones that are already known to work and that just need to be implemented. For example, the lack of clean water and sanitation facilities in poor parts of the globe has the potential to affect us all. If this book reaches the right readers it will save lives. As Dr. Kimball says at the end of her book, if we want to avoid substantial losses, there is much that must happen very, very soon. 2 of 2 people found the following review helpful. Great read without being too detailed for the layperson By R. Wilson This is a very accessible book - I'll admit I have studied related fields, but if you are interested in this type of topic, you will find plenty of eye-opening info on how easily infectious disease spreads.

The current value of global trade has reached a staggering annual figure of \$6 trillion in merchandise crossing borders. Such prolific global trading has, at the same time, begun to raise fears of pandemics and concerns for global health. Yet, investment in public health infrastructure and disease control was never designed to cope with international trade of this volume and diversity. Indeed, most health systems lag far behind, especially in poor countries. This has created new vulnerabilities for global populations to the introduction and amplification of infection through trade. Public fears have been further heightened by frightening news reports of deadly diseases such as Mad Cow disease and E. Coli. *Risky Trade: Infectious Disease in the Era of Global Trade* provides a thorough examination of the actual risks posed by disease in the age of globalization. Drawing on the economics of international trade and epidemiology, the author explores the critical health issues arising from the enormous increase in global trade and travel. Issues covered include: cent; The scale of the problem with particular reference to the Sakai outbreak of E. Coli; cent; Risks from particular microbes - Enteric and viral infections; Highly infectious agents; Antimicrobial resistance; and, Stealth agents; cent; Global outbreaks as a result of human travel and trade; cent; Prevention, surveillance and control; cent; The future health of global trading. In addition to highlighting the problems, the book also addresses some of the potential benefits the same globalization can bring to epidemic control through surveillance, diagnostics, treatment and investigation. The empirical approach ties together existing descriptions and case studies of epidemics building a

comprehensive framework for examining new events and considering historical experience with infectious outbreaks. The volume will be a valuable guide to students, academics, practitioners, and policy makers in the areas of international trade, health economics, epidemiology, international/public health and disease control.

'...a must-read for policy makers in health and trade, and for captains of industry who want to keep their ships sailing smoothly in a world where infectious diseases are easily transported across international borders by humans, insects, agricultural products and livestock.' David L. Heymann, MD, Executive Director, Communicable Diseases, World Health Organization 'At a time when world leaders are increasingly aware of public health's importance to security, economics, development and human dignity, Professor Kimball's *Risky Trade: Infectious Disease in the Era of Global Trade* illuminates with a master's touch the complexities of what is a defining 21st-century challenge - managing globalization's acceleration of the age-old struggle between people and pathogens.' David P. Fidler, Indiana University, Bloomington, USA '[a] frightening and fascinating book...all the more scary because it is so coolly argued. Scholarly and accessible, Ann Marie Kimball's text is rational but far from dispassionate, arguing that intensive global co-operation is needed to prevent and manage a situation that is spiralling out of control.' Nursing Standard 'This volume addresses an important issue...the author is congratulated on producing a thoughtful, insightful book that fills a real gap in the literature. Perhaps most importantly, the book is very readable...this book should be of interest to all those concerned with the future of global health, and those interested in economic structures that influence microbial traffic.' Journal of Biosocial Science '...a timely reminder to governments and public health workers that the world-wide ecological changes taking place as a result of rapid urbanization, new agricultural policies and deforestation are driving animal microbes to new hosts in humans.' Journal of the Royal Society for the Promotion of Health 'In *Risky Trade*, Ann Marie Kimball uses her extensive experience in domestic and international public health, as well [as] her work with the Asia-Pacific Economic Co-operation, to take the discussion of emerging infections to a new level...this book is an excellent summary of the challenges presented by the infectious diseases that have emerged during the past two decades...[it] should be required reading for leaders in business and travel, for ministers of health and for public health workers in the trenches. We can ill afford to wait for the alarm to sound to heed its messages.' The New England Journal of Medicine 'This is a fascinating and frightening book...this shocking and intriguing book...is all the more alarming because it is so composedly argued...this book will be helpful to policy makers in the areas of health and trade in a world where humans, insects, agricultural products and livestock easily transport infectious diseases across international borders.' Care Management Journals 'This is a challenging, up-to-date book about an important contemporary public health issue relevant to a wide and varied audience. It is written in an accessible and interesting way...It is a timely text which raises key questions and which I hope will provoke further the debate and action which, the author argues, is both required and urgent.' Health Matters '... serves as a timely wake-up call for regulators to take account of the broader public health consequences of trade...' Health Sociology 'Risky Trade' interestingly locates various intersections between globalization and diseases, and one of the book's main contributions is the identification of links that are rarely investigated in other accounts...The book's strength is the biomedical information it offers, which is seldom provided in other accounts of globalization, trade and travel.' Canadian Journal of Sociology 'Ann Marie Kimball's book is a welcome addition to those few inquiries that cross the disciplines of epidemiology, economics, and political science. Jargon free, and well written, the book is an excellent analysis of the consequences of globalization upon public health and the consequences of disease for international trade and economic productivity...she argues correctly, globalization is creating a new ecology of disease...Kimball also does an excellent job of critiquing domestic and international forms of public health governance...this is a very good book, well-suited to public health practitioners and medical personnel, and senior undergraduates. And, frankly, it should be read by those in the realms of business and politics as well.' Emerging Infectious Diseases

About the Author Dr Kimball is Professor of Epidemiology and Health Services at the University of Washington School of Public Health and Community Medicine, and Director of the APEC Asia Pacific Emerging Infections Network. She is an Adjunct Professor in Medicine with the School of Medicine and she is an attending Physician on staff at Harborview Medical Center. Her research interests are in emerging infections and global epidemic, prevention, surveillance, investigation and control of infectious diseases. In 2000 she was named as a New Century Scholar for Fulbright, and in 2004 she received a Guggenheim Foundation scholar award for her work. She has worked extensively in the areas of trade policy and disease control, and telecommunications and disease surveillance and alert systems. Formerly Dr Kimball served as Regional Advisor, and Head of National Program Support for HIV/AIDS with the Pan American Health Organization (WHO). She has also served as Director of the Washington State HIV/AIDS/STD Program with the State Department of Health, and as Chair of the National Alliance of State and Territorial AIDS Directors in the United States.