

AIDS in Asia: A Continent in Peril

Susan S. Hunter
Palgrave Macmillan,
New York, 2005

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Pages: 288; Price: US \$30.00

Susan Hunter's book, *AIDS in Asia: A Continent in Peril*, tackles an important subject. The subheading leaves no doubt that this volume belongs squarely in the "next wave" school—Africa has been devastated by the AIDS epidemic, and Asia must be next. Hunter's book paints a picture of a continent about to be engulfed in social, economic, and political chaos, all because of 1 small retrovirus.

Unfortunately, Hunter presents no data that support this hypothesis. Her chapter on the epidemiology of HIV in Asia, *The Looming Mushroom Clouds of Infection*, relies heavily on a single report by Nicholas Eberstadt, a demographer and foreign policy analyst who has little experience in the modeling of sexually transmitted and infectious disease. She draws occasionally on advocacy reports by other international organizations such as The Joint United Nations Programme on HIV/AIDS. The book is poorly referenced and shows no evidence that Hunter has attempted to examine surveillance data (much of which is in public domain) or other original data sources. For example, she provides no source for the claim that "HIV... typically infects 50%–90% of a developing country's sex workers." Five years of systematic review of primary surveillance data from thousands of sentinel sites throughout Asia has shown only 1 site with rates >50% among sex workers, Mumbai in India. Virtually all the sex worker sites in the Philippines, Indonesia, China, Bangladesh, Pakistan, the most populous countries in the region other than

India, report prevalence rates <5%.

The book is consistently structured. Each chapter begins with conversations between the downtrodden victims of the HIV epidemic in Asia, persons whose clothing, gestures, and thoughts Hunter describes in heart-rending detail, although they are not, in fact, real persons. Next comes a homily based on the life of Emily Pankhurst, the 19th century English feminist whose relevance to the current HIV epidemic in Asia is uncertain. Then comes a bit of Asian history, a nicely written précis of the Mongol advance or the opium wars, for example, and some observations on historical and cultural injustices of life, injustices that ultimately lead people to have unprotected sex or share needles. Each chapter closes with an apocalyptic statement, along the lines of "More and more countries in Asia are teetering on the brink of a violent explosion... and the outcome may be an epidemic the likes of which has never been seen in world history."

Hunter may perhaps be forgiven for absorbing the alarmist tone of the advocacy reports she has read, but more attention to the facts would show that this sort of doom mongering is contradicted by every reliable measure of HIV prevalence and sexual behavior in Asia. These data suggest that in Asia (as in the industrial world), HIV will largely be confined to populations with well-defined risk of exposure to the virus. Hunter is absolutely correct in taking Asian governments to task for not doing enough to confront HIV. However, suggesting that HIV is an impending catastrophe that requires turning Asian societies upside down is unhelpful and outdated. This may be true in Africa, where Hunter has more experience, but had she looked beyond the hype at any real data, Hunter would have found that HIV infection does not, in fact, threaten to engulf Asia in social and economic chaos. It is a relatively well-contained

infectious disease that, for prevention and control, requires clean needles, condoms, lubricant, screening for sexually transmitted infections, and treatment for a small proportion of the population. Those goals can, and should, be achieved shortly.

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Biological Weapons Defense: Infectious Diseases and Counterbioterrorism

Luther E. Lindler, Frank J. Lebeda,
and George W. Korch, editors
Humana Press, Totowa,
New Jersey, 2004

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Pages: 597; Price: US \$145.00

This insightful text, complete with an eBook version on CD-ROM, is edited by 3 scientists from the Department of Defense (DOD) and includes 58 contributors and forewords by David Franz and Mathew Meselson. The 25 chapters are divided into 4 sections: 1) Preparation and Military Support for a Possible Bioterrorism Incident, 2) Medical Countermeasures and Decontamination, 3) Emerging Threats and Future Preparation, and 4) Diagnostic Development for Biowarfare Agents.

Threats discussed include plague, glanders, Q fever, filoviruses (as a

specific example of “a world aswarm with viral zoonoses”), anthrax, smallpox, brucellosis, botulism, and ricin. Information is also provided on genetically-engineered protein toxins, as well as genetic fingerprinting for forensic studies and the use of genomics for the agents of tularemia, brucellosis, and clostridial gas gangrene.

Notably, several chapters are devoted to critical topics that are often not found in other books. For example, 2 chapters on aerosol pathogenesis and “Biological Weapons Defense: Effect Levels” are particularly relevant given the US Cities Readiness Initiative that involves planning for an aerosol attack with anthrax or another agent in US metropolitan areas. Similarly valuable is the chapter on

decontamination because it provides insight on how to respond to the challenge of recreating a safe environment in which to live and work after a biological attack.

The 25-page chapter on the Global Emerging Infections System (GEIS) of the DOD as it applies to biodefense is well written. Surveillance systems used by DOD-GEIS are described, from the Electronic Surveillance System for the Early Notification of Community-based Epidemics to newer systems, along with ways to integrate DOD and civilian surveillance systems. Other particularly useful chapters that encompass multiple present and potential future biological threats include those on diagnostics. These 3 chapters focus on explaining biological threat identification sys-

tems, DNA-based pathogen identification, and immune response-based assays. Taken together, the 25 chapters of this book are a welcome addition to the growing field of counterbioterrorism and complement well the mostly clinical publications already in print.

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Correction: Vol. 12, No. 2

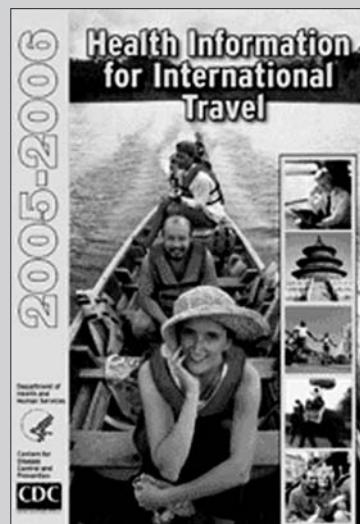
In “Detecting Emerging Diseases in Farm Animals through Clinical Observations” by G. Vourc’h et al., acknowledgment of contributions by Sandia National Laboratories, New Mexico State University, New Mexico Department of Agriculture, and Kansas State University were omitted. Acknowledgments should include the following:

Sandia National Laboratories designed and developed the original RSVP surveillance system, a system with applications in both human and animal disease surveillance.

Sandia National Laboratories and New Mexico State University/New Mexico Department of Agriculture are primary collaborators, along with Kansas State University, on the RSVP-A project that has been jointly pursued since 2003. The opinions on RSVP-A in this article do not necessarily reflect all of the project's collaborating parties.

The corrected article appears online at <http://www.cdc.gov/ncidod/EID/vol12no02/05-0498.htm>

We regret the omission and any confusion it may have caused.



For more information visit
<http://www.cdc.gov/travel/yb/index.htm>

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