



Unseen Enemy

Additional resources

Compiled by the GHF Classics volunteer team

News Articles:

[WHO News Release: Final trial results confirm Ebola vaccine provides high protection against disease](#)

An experimental Ebola vaccine was highly protective against the deadly virus in a major trial in Guinea. Link to the publication in the scientific publication section.

[History of Pandemics on Visual Capitalist](#)

In this article an overview of the past pandemics is presented, using visual tools too. It explains what humanity has faced in the past and why this is happening, in very simple terms.

[From the plague to MERS: A brief history of pandemics by Alia Chughtai \(Aljazeera\)](#)

Very nice article following the history of pandemics through maps. It shows where cases were and how the microbe moved, or potentially moved if we don't have enough evidence to confirm that.

[All Bets Are Off for Measuring Pandemic Preparedness](#)

Uses COVID19 as an example of how difficult it is to prepare for pandemics effectively. Includes graphic displays that show high scores on current measures do not correlate with lower death rates or better outcomes

[How Pandemics End](#) (NYT, 2020)

Compares social and medical ends of pandemics and illustrates some examples, showing that some diseases never really ended

[What Historians Will See When They Look Back on the COVID-19 Pandemic of 2020](#) (NYT, 2020)

Outlines different individual "documents" (diaries, instagram posts, etc.) that show the impact of COVID-19 on society and how this task has changed from past pandemics when mainly diary entries were used

[Assessing the Early Response to Beijing's Pandemic Diplomacy](#)

Examples of medical diplomacy / international aid coming from China in response to COVID-19 and its reception in other countries

[Ten Threats to Global Health in 2019](#) [WHO Newsroom]

Ranks **vaccine hesitancy** as the 10th biggest threat to global health in 2019, with the potential threat of a global influenza pandemic appearing 3rd on the list, as well as Ebola and other high-threat pathogens (including Zika) ranked 6th.

Reports:

[Final WHO Situation Report on the Ebola Outbreak 2014-2016](#)

Books:

Paul Farmer - Infections and Inequalities: The Modern Plagues

A physician-anthropologist with more than fifteen years in the field, Farmer writes from the front lines of the war against these modern plagues and shows why, even more than those of history, they target the poor. This 'peculiarly modern inequality' that permeates AIDS, TB, malaria, and typhoid in the modern world, and that feeds emerging (or re-emerging) infectious diseases such as Ebola and cholera, is laid bare in Farmer's harrowing stories of sickness and suffering.

Dr Jonathan D. Quick - The End of Epidemics: The Looming Threat To Humanity And How To Stop It

This book, published in 2018, explains why we are not prepared to face a pandemic and give clear guidelines of the steps we should follow to have our systems and society prepared. It brings in lessons from the Spanish flu pandemic and the most recent, back then, 2014 Ebola pandemic. The purpose of the book is to see what we can all do to change things and prevent many people from dying and systems to collapse.

The author is a physician and public health management specialist focusing on global health security.

Kevin Bardosh - One Health: Science, politics and zoonotic disease in Africa

'One Health' highlights the need for collaboration across sectors and disciplines to tackle zoonotic diseases. However, there has been little exploration of how social, political and economic contexts influence efforts to 'do' One Health. This book fills this gap by offering a much-needed political economy analysis of zoonosis research and policy.

Dr. Kevin Bardosh is an applied medical anthropologist and implementation scientist focused on using social science and community engagement to improve public health delivery and policy.

Laura Spinney - Pale Rider: The Spanish Flu of 1918 and How It Changed the World

Laura Spinney is a writer and science journalist who decided to give a world view to the Spanish flu. The consequences of the pandemic went beyond the number of deaths, which were staggering, they created the basis for many political and economic decisions that changed countries' destiny in the following decades. This book is not just about science, it brings in art, religion, politics and the full human experience.

MISTRA (several authors) - Epidemics and the Health of African Nations

Researchers and practitioners from within the continent explore why Africa is so vulnerable to disease and show how this vulnerability is closely linked to political and economic factors. They demonstrate how these same factors determine the way epidemics are treated.

Scientific Publications:

[One health education for future physicians in the pan-epidemic "Age of Humans", Lucey et al., *International Journal of Infectious Diseases* 2017](#)

[Ten years after SARS: where was the virus from?, Feng Chen et al., *Journal of Thoracic Disease* 2013](#)

[The Zika Virus Outbreak in Brazil: Knowledge Gaps and Challenges for Risk Reduction, Claudia Garcia Serpa Osorio-de-Castro et al., *American Journal of Public Health* 2017](#)

['If you have a soul, you will volunteer at once': gendered expectations of duty to care during pandemics](#)

[Modelling anti-vaccine sentiment as a cultural pathogen](#) (Evolutionary Human Sciences Journal)

Podcasts:

[This Podcast will Kill You](#)

Run by two young scientists who love infectious diseases and would like to share their knowledge with people outside the academic world. They have a specific season on COVID-19

[Going Viral](#)

The podcast is all about the viruses that spread infectious disease.

Series 1: Join the 'disease detectives' Mark Honigsbaum and Hannah Mawdsley as they investigate the most devastating pandemic of all time: the 1918 Spanish influenza. Part scientific detective story, part historical inquiry, 'Going Viral' takes listeners to the scene of a viral crime and in the process recovers the experience of the world's deadliest virus, which is 100 years old.

Series 2: The Covid Files, 100 years after the deadly Spanish Flu, Mark and guests discuss the many faces of the Covid-19 pandemic. What lessons can we learn from history?

Other:

WHO Websites for Ebola, Zika and COVID-19

Each website contains factsheets, situation reports, news releases, lay summaries and management guidelines for clinicians.

Ebola outbreak 2014-2016: <https://www.who.int/csr/disease/ebola/en/>

Zika Virus disease: <https://www.who.int/emergencies/diseases/zika/en/>

COVID-19 pandemic: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>

[Planetary Health Alliance](#) is a consortium of over 200 universities, non-governmental organizations, research institutes, and government entities from around the world committed to understanding and addressing global environmental change and its health impacts. The platform offers different ways to engage: you can become an ambassador at your university, start a new local university network, join Clinicians for Planetary Health (C4PH) and much more.

[Ted Talk: We need to turn our response to crisis inside out by Shalini Unnikrishnan](#)

In this talk Shalini Unnikrishnan talks about how our approach to a health crisis, like the Ebola pandemic is completely wrong because it concentrates on the virus not on people. She says we need to make community engagement the centre of the strategy if we want to stop an outbreak early. Shalini is a Partner in the Chicago office of BCG and sits on the US Board of Directors of the Tony Blair Africa Governance Initiative. In 2014, Unnikrishnan provided on-the-ground support in the creation of the UN Mission for Ebola Emergency Response to handle the escalating crisis.

[Ted Talk: Coronavirus is our future by Alanna Shaikh](#)

In this talk Alanna Shaikh talks about the current pandemic and the importance of equal healthcare for all so we can all deal with future outbreak in the best possible way.

She is a global health consultant and executive coach who specializes in individual, organizational and systemic resilience. She has lived in seven countries and is the author of "What's Killing Us: A Practical Guide to Understanding Our Biggest Global Health Problems."

[Ted Talk: How we'll fight the next deadly virus by Pardis Sabeti](#)

In this talk Pardis Sabeti shares her experience as a scientist during the ebola outbreak in Sierra Leone and the importance of open collaboration that challenges the status quo. She is a computational geneticist and infectious diseases researcher who devoted her career to harnessing genomics to transform outbreak detection and response.

[Blog: Covid-19 Impact Series \(IV\): Worldview on Coronavirus: Meet Individuals from Around the World-Uganda and Australia](#) (Swedish Organisation for Global Health)

Featured interview asking individuals from both Uganda and Australia the same set of questions around their experience and attitudes towards living with COVID-19, sharing their responses.

[The Vaccine Confidence Project](#)

Monitors public confidence in immunisation programmes to identify early indications of public distrust with the aim of managing vaccine confidence and reduce likelihood of vaccine refusals. Launched the Vaccine Confidence Index™ (VCI) used to map global confidences and recently produced reports upon the State of Vaccine Confidence in the EU (2018).

[Share your Story: A Journal of the Plague Year](#)

Project run by Arizona State University that invites people to share their experiences of COVID-19 through whatever media they feel fit and thus document its effect on individuals and societies.