



## Health Security at Academic Health Centers Selected Readings

***Bajema NE, Beaver W, Parthemore C. Toward a global pathogen early warning system: Building on the landscape of bio-surveillance today.***

This 100-page report from the Council on Strategic Risks includes a 3-page executive summary. The report aims to provide an understanding of the existing surveillance systems by highlighting effective examples and also identifying challenges and gaps. The report makes a series of recommendations for the international community including: setting interoperability parameters, continuously conducting assessments of the bio-surveillance field, investing in diverse tools for diverse settings, and expanding cooperative biological engagement programs.

Freely Accessible: [https://councilonstrategicrisks.org/wp-content/uploads/2021/07/Toward-A-Global-Pathogen-Early-Warning-System\\_2021\\_07\\_20-1.pdf](https://councilonstrategicrisks.org/wp-content/uploads/2021/07/Toward-A-Global-Pathogen-Early-Warning-System_2021_07_20-1.pdf)

***Carroll D, Morzaria S, Briand S, Johnson CK, Morens D, Sumption K, Tomori O, Wacharphaueasadee S. Preventing the next pandemic: The power of a global viral surveillance network. BMJ. 2021 Mar 12;372.***

A 4-page call for a global system to detect diseases with pandemic potential. The multidisciplinary author team provides examples of existing syndromic and viral surveillance systems and then propose a model based on lessons learned from the impact of COVID-19.

Freely Accessible: <https://www.bmj.com/content/372/bmj.n485.short>

***Stoeva P. Dimensions of health security—A conceptual analysis. Global challenges. 2020 Oct;4(10):1700003.***

A 10-page conceptual analysis of health security that proposes health security should be considered with the aim of being informed by multi-actors, cooperation initiatives, and ethics that are aware of postcolonial and feminist critiques of the traditional model of health security. The author proposes a broader framework for health security with the potential to improve health outcomes beyond acute public health crises.

Freely Accessible: <https://onlinelibrary.wiley.com/doi/full/10.1002/gch2.201700003>

***McCoy SI, MacDonald PD. Need to amplify health security? Fuse academia and practice. Public Health Reports. 2020 Jun 3:0033354920935075.***

A 4-page commentary from public health professionals reflecting on the COVID-19 pandemic and the role that Centers for Health Preparedness might have played had they been continually funded and supported past the early 2000s. The authors highlight a lack of coordination between academic public health programs and government public health response initiative.

Freely Accessible: <https://journals.sagepub.com/doi/10.1177/0033354920935075>

***Ravi SJ, Meyer D, Cameron E, Nalabandian M, Pervaiz B, Nuzzo JB. Establishing a theoretical foundation for measuring global health security: a scoping review. BMC Public Health. 2019 Jul 17;19(1):954.***

A 9-page scoping review that identifies evidence- and practice based indicators for measuring health security at the country level. These indicators incorporate four foundational principles for measuring global health security: measurement of existing capacities, assessments of national programs to inform useful metrics, measurement requires enabling factors facilitating health security strengthening efforts, and consideration of social, political, and ecological risk environments.

Freely Accessible: <https://link.springer.com/article/10.1186/s12889-019-7216-0>

***The National Health Security Preparedness Index 2021: Summary of Key Findings***

A 21-page report introduces the National Health Security Index, including its 6 broad domains, and details state and national level information from 2013-2021 from 129 measures. The NHSPI tracks the nation's progress (scale 1-10) in preparing for, responding to, and recovering from health consequences of disasters, disease outbreaks, and other large scale emergencies. The impact of COVID-19 is discussed extensively throughout.

Freely Accessible: <https://nhspi.org/tools-resources/2021-key-findings/nhspi-2021-key-findings/>

***The Independent Panel for Pandemic Preparedness and Response. COVID-19: Make it the last pandemic.***

The Independent Panel, convened by the WHO, created a series of reports and peer reviewed articles that are available at the below website. The centerpiece of the site is the 86-page report, COVID-19: Make it the Last Pandemic. This report includes a review of global responses to the pandemic and proposes a series of recommendations and presents a potential road map for the future.

<https://theindependentpanel.org/expert-independent-panel-calls-for-urgent-reform-of-pandemic-prevention-and-response-systems/>