



## Kathryn H. Jacobsen, PhD

Professor, Global & Community Health

### Education

PhD, Epidemiologic Science, University of Michigan

### Key Interests

Epidemiology | Global Health | Globalization | Health Transitions | International Health  
| Infectious Disease Epidemiology | One Health | Emerging Infectious Diseases

### CONTACT

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### SELECT PUBLICATIONS

- › Jacobsen, K.H. (2020). Will COVID-19 generate global preparedness? *The Lancet* 395(10229), 1013-1014.
- › Jacobsen, K. H., *et al.* (2018). Globalization and the changing epidemiology of hepatitis A virus. *Cold Spring Harbor Perspectives in Medicine* 8(10), a031716.
- › Dariano, D. F., *et al.* (2017). Surveillance of vector-borne infections (chikungunya, dengue, and malaria) in Bo, Sierra Leone, 2012–2013. *American Journal of Tropical Medicine and Hygiene* 97(4), 1151-1154.
- › Jacobsen, K. H., *et al.* (2016). Lessons from the Ebola outbreak: action items for emerging infectious disease preparedness and response. *EcoHealth* 13(1), 200-212.

### Research Focus

I conduct research on health transitions, the shifts in population disease burden that occur with socioeconomic development, environmental change, and globalization. As an expert on the global epidemiology of hepatitis A virus (HAV), I have provided technical expertise to the World Health Organization (WHO); the Global Burden of Disease (GBD) project, a worldwide collaboration that provides the foundation for improved social, environmental, and health policy and practice by generating up-to-date health metrics for every country in the world; Gavi, the Vaccine Alliance; the European Centre for Disease Prevention and Control; and other entities. My research portfolio also includes epidemiological studies of emerging infectious diseases, adolescent risk behaviors, injury epidemiology, the growing burden from non-communicable diseases in low- and middle-income countries, and other public health concerns. I have also conducted research in Ecuador, Guatemala, Malawi, Sierra Leone, Zambia, and several other countries, and have authored more than 200 peer-reviewed scientific articles.

### Current Projects

- Modeling the changing seroprevalence rates and endemicity levels of hepatitis A virus in countries worldwide.
- Conducting infectious disease surveillance in Sierra Leone in collaboration with partners at the U.S. Naval Research Laboratory.
- Examining other aspects of health transitions and the changing burden from infectious diseases, noncommunicable diseases, mental health disorders, and injuries in diverse populations.