



KERALA UNIVERSITY OF HEALTH SCIENCES
SCHOOL OF PUBLIC HEALTH

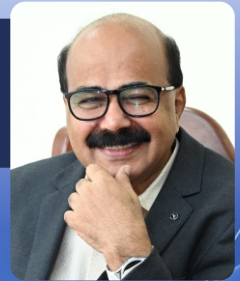
OUTBREAK INVESTIGATION WORKSHOP

**Building Capacity in Outbreak Investigation
and Disease Surveillance**



Prof. Mark S. Dworkin, MD, MPHTM,
Professor and Associate Director of Epidemiology
University of Illinois Chicago
School of Public Health

Prof. (Dr.) Mohanan Kunnummal
Hon. Vice Chancellor
Kerala University of Health Sciences



 **21 July 2026**

 **9.00 AM – 2.00 PM**

 **School of Public Health, KUHS
Thiruvananthapuram**

Background

The COVID-19 pandemic was an unparalleled global experience that highlighted the critical importance of infectious disease outbreak management and pandemic preparedness. Today, compounding global threats like climate change and antimicrobial resistance impose unprecedented challenges on the control of communicable diseases.

Kerala represents a unique epidemiological landscape, continuously challenged by high-priority emerging pathogens like the Nipah virus, alongside distinct demographic and climatic vulnerabilities. Effectively managing outbreaks of infectious diseases demands timely detection, systematic investigation, and a rapid, coordinated response. Robust disease surveillance systems and well-trained field investigation teams are essential to minimize morbidity and mortality, prevent community spread, and strengthen pandemic preparedness.

Recognizing the urgent need for continuous capacity building, the School of Public Health at the Thiruvananthapuram campus of Kerala University of Health Sciences is organizing a specialized workshop. This initiative aims to enhance the capacity of infectious disease epidemiologists and public health managers in executing evidence-based mitigation strategies.

We are honored to announce that **Professor Mark S. Dworkin, MD, MPHTM**, Professor and Associate Director of Epidemiology at the University of Illinois Chicago School of Public Health, will be leading the workshop, bringing his immense global field experience to the forum. This workshop is designed to ground academicians, clinicians, and public health professionals in the core fundamentals of outbreak investigation, share real-world field experiences and case studies, and explore avenues for institutional and international collaboration in public health surveillance.

Objectives

- To orient participants to the core principles of field outbreak investigation and advanced disease surveillance.
- To share illustrative case studies and field experiences from complex outbreak investigations.
- To disseminate the Kerala experience in One Health and multisectoral outbreak investigations.
- To deliberate on avenues for KUHS to collaborate with national and international agencies to strengthen the State's public health intelligence.
- To facilitate multidisciplinary dialogue among academicians, clinicians, epidemiologists, and public health administrators.

Target Audience

- Faculty and postgraduate students of Public Health, Community Medicine, Infectious Diseases, and Community Nursing.
- Officials from the Directorate of Medical Education (DME) and the Directorate of Health Services (DHS) working in field epidemiology and outbreak management.
- Clinicians, medical officers, and epidemiologists actively involved in outbreak response.
- Epidemiologists, veterinarians, and field officers from One Health allied sectors, particularly animal husbandry and wildlife sciences.

The Participation is limited to 75 only

Registration Details

- **Fee:** Participation is **free**, but **registration is mandatory**.
- **Process:** Formal invitations will be sent via official email, containing a link to the registration Google Form (provided below).
- **Logistics:** Please note that no **TA/DA** will be provided to the participants.

Google form for registration:

<https://forms.gle/ESveDChnaLmDwunh9>



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