



Enabling research by sharing knowledge

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Dear Colleagues,

Climate change is accelerating infectious diseases worldwide, creating what could become a “creeping catastrophe”, with malaria, dengue, tuberculosis and HIV/AIDS among those most at risk of escalation, a landmark study from The Global Health Network finds.

Also, in closing out the year, high demand for and strong engagement with The Global Health Network’s free, peer-reviewed training courses reflects the commitment of the global health research community to sharing knowledge, strengthening skills and enabling high-quality research in every healthcare setting, reaching more than 316,000 learners this year.

Here's all the latest news and updates from The Global Health Network.

## New study warns of ‘creeping catastrophe’ as climate change driving global rise in infectious diseases

A major study led by The Global Health Network warns that climate change, socioeconomic inequality, and antimicrobial resistance are converging to create an escalating health crisis. With the analysis of qualitative data from 3,752 health professionals and researchers across 151 countries, with 86.9% based in low and middle-income countries, it is the largest global study of its kind addressing the question of which escalating disease threats pose the greatest threat.

Experts identified vector-borne diseases such as malaria and dengue as the most rapidly worsening threats, followed by tuberculosis and HIV/AIDS. This risk will not present as a dramatic outbreak, but as a slow-unfolding humanitarian disaster where endemic diseases spread into new geographies - impacting health systems and economies. Tackling the cross-cutting drivers of disease could strengthen preparedness for both existing and future threats.

[Read more: ‘Creeping Catastrophe’: Climate Change Driving Global Rise in Infectious Diseases](#)

## Upcoming Events

# Webinar: AMR tools and resources: An introduction for health professionals and researchers

## AMR tools and resources: An introduction for health professionals and researchers

29th January 2026

Antimicrobial resistance (AMR) is a pressing global health challenge, and access to high-quality data and analytical tools is essential for effective decision-making. This webinar introduces key resources designed to support researchers, health professionals, and policy partners working to understand and address AMR.

Two identical sessions available to enable global participation. Please register for the time that best suits you.



Session 1:  
09:30 - 11:00 (GMT)



Register

Session 2:  
15:00 - 16:30 (GMT)



Register

Date: 29 January 2026 (times listed below)

This webinar will provide an overview of MICROBE, an interactive visualisation platform developed by the Institute for Health Metrics and Evaluation (IHME), enabling exploration of global antimicrobial resistance (AMR) burden estimates and comparison across pathogens, drug classes, and geographies. Other open-access tools will be discussed, including the World Health Organization's Global Antimicrobial Resistance and Use Surveillance System (GLASS) and the AMR R package.

The AMR Data Repository, a new platform co-launched by the Global Research on Antimicrobial Resistance (GRAM) Project and the Infectious Diseases Data Observatory (IDDO) which curates high-value datasets, expands access for researchers, particularly in low and middle-income countries, and supports ethical data reuse, will also be introduced.

Two identical sessions are available to enable global participation. Please register for the time that best suits you.

**Register for 09:30-11:00 GMT**

**Register for 15:00-16:30 GMT**

## Global Pregnancy Collaboration (CoLab) 2026 Webinar Series Addressing Priorities in Preeclampsia Research and Adverse Pregnancy Research

Date and time: Third Thursday of each month, 11:00 –12:00 EST

Join the upcoming monthly webinar series, which extends discussions that began during the Global Pregnancy Collaboration (CoLab) Workshop held on 24–26 September 2025 on Addressing Priorities in Preeclampsia Research and Adverse Pregnancy Research, to support pregnancy health research.

The webinar series also aims to provide mentoring on topics important to career development for first-time investigators and to facilitate the development of collaborations.

Upcoming webinars:

- 22 January 2026 – D. Lackland, PhD, World Hypertension League
- 19 February 2026 – E. Gunderson, PhD, MPH, Kaiser Permanente, and J. Roberts, MD, Magee Women's Research Institute  
Topic: Early Pregnancy Blood Pressure Trajectories and Hypertension Years After Pregnancy

To learn more and register, visit:

**Monthly Webinars – Global Pregnancy Collaboration Seminar Series**

## News

### From Mpox to Future Threats: Researchers Call for Integration of Environmental Surveillance into Public Health Systems

A new policy paper from the ODIN Consortium, published in Open Access Government, calls on funders, governments, and the scientific community to embed environmental surveillance within public health systems. Drawing on lessons from wastewater monitoring during the mpox epidemic in Africa, the paper outlines a scalable model for early outbreak detection, which is particularly vital in regions with limited healthcare access or fragmented data systems.

The ODIN-Mpox initiative, funded by Horizon Europe and Global Health EDCTP3, demonstrated this approach in the Democratic Republic of Congo, Tanzania, and Burkina Faso through mobile laboratories, portable genetic testing, and training for more than 50 African scientists.

Read the paper:

**Environmental surveillance as a sentinel for emerging outbreaks: Lessons from mpox in Africa**

Applications open for the University of Oxford's fully online part-time Postgraduate Diploma in Global Health Research

The course is based on the evidence-led Essential Research Skills Training Curriculum for Health Research which was developed as a collaboration between The Global Health Network, UNICEF, the United Nations Development Programme (UNDP), the World Bank and WHO Special Programme for Research and Training in Tropical Diseases. The programme is based on a study that involved over 7,000 participants from 153 countries. This makes the diploma the first of its kind where all the core skills and component steps identified to undertake quality, practical and appropriate health research studies are covered, making it relevant for research into any disease, in all types of studies, and in any setting.

This part time course is suitable for busy professionals who want to keep working or cannot travel, and aims to tackle inequities in health research leadership. Learn more:

### **Postgraduate Diploma in Global Health Research**

## **Explore the new DELTAS Africa Community & Public Engagement (CPE) Hub**

Discover how the Developing Excellence in Leadership, Training, and Science in Africa DELTAS Africa Programme is transforming research engagement across the continent. DELTAS Africa is a long-term, multimillion dollar programme launched in 2015 to support collaborative consortia led by Africa-based scientists. The programme is aimed at catalysing Africa-led development of world-class research, advancing scientific leadership on the continent, while strengthening African institutions and the research ecosystem. DELTAS Africa is now in its second phase, with 14 research consortia (all in Africa) in 71 partner institutions (53 in Africa) across 35 countries (26 in Africa).

Explore the new DELTAS Africa Programme hub hosted on Mesh and find:

- The range of excellent community engagement projects led by the DELTAS Africa II fellows
- The DELTAS Africa II strategy
- Webinars and podcasts
- Past projects

### **About the DELTAS Africa Programme**

## **Global Research Nurses Supports Dissemination of Nurse-Led Research Findings**

The dissemination of research findings is essential for strengthening evidence-based practice and driving meaningful improvements in health systems. However, research nurses often encounter barriers that limit their ability to share their work.

With support from Global Research Nurses and The Global Health Network Latin America and the Caribbean's regional capacity-building initiatives, two research nurses successfully presented their study results at major scientific events in the region:

[XXI Latin American Congress of Paediatric Infectious Diseases - Puerto Varas, Chile](#)

Poster: "Compliance with dTpa Vaccination among Maternal and Child Health Personnel."

[Mental Health Congress 2025 - Mendoza, Argentina](#)

Oral presentation: "Figures of the Mind: Innovative Strategies to Optimise Mental Health Inpatient Care."

If you would like to get involved to develop your career as a research nurse, visit:

**Global Research Nurses**

## The Global Health Network Training Centre Round Up

The Global Health Network provides free, peer-reviewed learning and knowledge-sharing activities supporting high-quality health research worldwide. This year, courses were accessed by over **316,000** users, with more than **537,000** certificates awarded, reflecting a shared commitment to learning and professional development worldwide.

In addition, **32** webinars were delivered, attracting **36,867** registrants and **14,467** live attendees, creating spaces for connection, discussion, and knowledge exchange across regions and disciplines.

Thank you to everyone who contributed, shared expertise, participated, and engaged throughout the year.

**The Global Health Network Training Centre**

**Your support keeps The Global Health Network training courses free for researchers and health workers everywhere, helping them conduct ethical and life-saving research even in times of crisis.**

**Please give what you can today to keep this vital learning open to all.**

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