

Pemba Summer School 2025

Control and data analysis of neglected tropical diseases

The Public Health Laboratory Ivo de Carneri (PHL-IdC), located on Pemba Island, Zanzibar, United Republic of Tanzania, is excited to announce the Pemba Summer School 2025. This 2-week course is designed for Master's students and early-career professionals in tropical medicine, public health, laboratory sciences and geostatistical data analysis. Participants will gain unparalleled insights into scientific methodologies, operational challenges and the realities of healthcare delivery in tropical and resource-limited settings.

When:

30 June (Monday) – 11 July (Friday) 2025

Where:

Public Health Laboratory – Ivo de Carneri (PHL-IdC)
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Programme overview

Week 1 – Shared exploration

Gain a comprehensive understanding of the local healthcare landscape and the epidemiology of neglected tropical diseases (NTDs). This week offers hands-on training in a tropical parasitological laboratory, where you will practise specimen collection and analysis techniques. Additionally, you will be introduced to the key public health strategies used to combat NTDs, providing a strong foundation for effective intervention and control efforts.

Week 2 – Tailored learning

Participants can choose one of two specialized tracks, led by experienced professionals in the field:

- **Option 1: Spatial analysis of NTD data**
Delivered by Professor Emanuele Giorgi (Lancaster University), this track explores advanced spatial statistical methods to analyse the geographical distribution and dynamics of NTDs. Gain practical skills in cutting-edge tools for mapping and intervention planning to address these diseases effectively.
- **Option 2: Health services immersion**
Delivered by Dr Antonio Montresor (former WHO staff) and Dr Stefan-Alexandru Panaite (Public Health Resident and former nongovernmental organization officer), this track immerses participants in the operational realities of healthcare services in developing countries. Highlights include:
 - Observing healthcare delivery at Chake Chake Hospital (i.e. paediatric, reproductive and child health, and internal medicine departments), health centres and dispensaries across Pemba Island.
 - Participating in public health campaigns, such as drug distribution initiatives.
 - Meeting health officers to understand resource constraints and innovative solutions.
 - Conducting and analysing health surveys for planning and monitoring purposes.

Support by:

Why join?

The Pemba Summer School 2025 offers:

- A unique opportunity to experience real-world public health challenges in a tropical setting.
- Expert instruction from international faculty and practitioners.
- Practical skills in spatial data analysis, health service evaluation and NTD control strategies.
- Networking with peers and professionals passionate about global health.

Application details

Cost: €3000 (includes):

- Tuition fees
- Accommodation in single rooms for the duration of the course
- Breakfast, lunch and dinner
- Local transportation, including return flight between Zanzibar and Pemba, and on-island transfers

Not included:

- International travel to Zanzibar
- Visa costs and health insurance (both compulsory on arrival in Zanzibar)

How to apply:

To apply, please submit the following documents by **30 April 2025** to:






 pembasummerschool2025@fondazioneiocarneri.it

- Your curriculum vitae (CV) or résumé
- A motivation letter explaining your interest in the course
- Your selected option for the second week

Spaces are limited, so apply early to secure your place in this transformative learning experience!

Support by:

Facilitators

	<p>Dr Said Muhammed Ali (MSc) is Tanzanian, public health specialist is the Chief Executive Officer (CEO of the Public Health Laboratory Ivo de Carneri (PHL-IdC), a research institute within the Ministry of Health Zanzibar. Said has vast experience working with local, national and international communities, governments, and civil society organizations and has participated in both the design and implementation of development projects including the US Government, Global Fund and European Union fund initiatives in Tanzania. In his current role as the CEO of PHL-IdC, he is responsible for management and supervision of all the PHL-IdC areas of work (surveillance, research, training activities, collaboration with international research institutions planning, finance, administration and reports).</p>
	<p>Professor Emanuele Giorgi is an Associate Professor in Biostatistics and Head of the Centre for Health Informatics, Computing, and Statistics (CHICAS) at Lancaster University (United Kingdom of Great Britain and Northern Ireland). His research focuses on the development of statistical methodologies driven by public health problems, with a special focus on tropical disease mapping.</p>
	<p>Dr Antonio Montresor has been working for more than 30 years in communicable diseases control: initially with responsibility for supporting the 35 primary health care units in Mpwapwa District, United Republic of Tanzania. He then moved to Hanoi, Viet Nam, where he was responsible for WHO's control of helminthiases in Cambodia, Lao People's Democratic Republic and Viet Nam. He later worked at WHO headquarters in Geneva (Switzerland) where he was responsible for establishing large-scale control programmes for the control of intestinal parasites.</p>
	<p>Dr Stefan-Alexandru Panaite has worked with the Ivo de Carneri Foundation to support laboratory management, organize training initiatives and strengthen peripheral health services on Pemba Island in the United Republic of Tanzania. He has also collaborated with Doctors with Africa CUAMM, managing hospital operations and assessing healthcare facilities in rural areas of the Iringa Region. Currently, in Italy, he contributes to public health policy development, infectious disease surveillance and training programme design for the Public Health Directorate of the Veneto Region, while pursuing a residency in Hygiene and Preventive Medicine (Public Health) at the University of Padua.</p>
	<p>Professor Laura Rinaldi is a Full Professor of Parasitology and Parasitic Diseases and Deputy Dean at the Department of Veterinary Medicine and Animal Production, University of Naples Federico II, Italy. She has over 20 years of experience in the field of parasitic diseases of veterinary and medical importance from a One Health perspective. She is the Director of the WHO Collaborating Centre for Diagnosis of Intestinal Helminths and Protozoa, the President of the Italian Society of Parasitology,. Her key research areas include the epidemiology (using geospatial tools), diagnosis and control of helminth parasites in both animals and humans.</p>