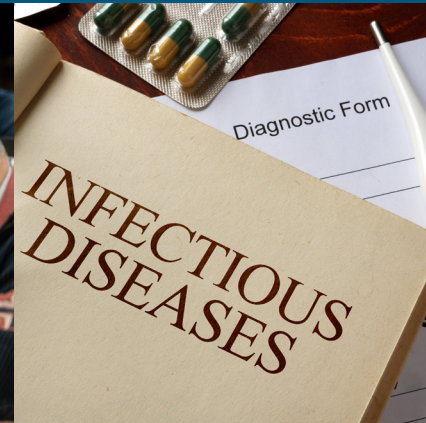




NOTORIOUS PATHOGENS OF INFECTIOUS DISEASES: Detection, Treatment, Control, and Eradication

February 13–16, 2017 | Boston, MA

hsph.me/infectious-diseases



This program will help you prepare for, respond to, and communicate about infectious disease outbreaks while reducing outbreak risks through the latest prevention and control strategies. Diseases referenced will include Zika, HIV, Malaria, Tuberculosis, Ebola, H1N1 influenza, Lyme disease, MRSA, and norovirus. In particular, this program will focus on outbreaks, vaccination, infection control, drug therapy and resistance, and eradication.

This program will explore the types of training and policies most effective at containing deadly pathogens in both resource-limited and resource-abundant settings. You will learn strategies to strengthen health care systems and infection control while exploring important diagnostic and research applications for some of the most prevalent and deadly diseases. The curriculum will include updated epidemiology, public health recommendations, and clinical guidelines by pathogen, as well as some novel research efforts to further the development of effective interventions.

Learning Objectives

- Improve diagnosis, treatment, and vaccination rates by incorporating the latest public health updates on infectious disease pathogens with current research challenges.
- Understand the parameters involved in evaluation of large-scale public health programs to control an infectious disease.
- Determine whether your health system or hospital is really ready to respond to the outbreak of infectious disease. Understand and evaluate the effectiveness of the healthcare or organizational system within which you work and develop

strategies to strengthen faster responses to outbreaks as well as improved diagnosis, treatment and prevention measures.

- Learn best practice lessons from the West Africa Ebola virus outbreak and how those lessons will prepare your clinical and organizational response to new threats. This is particularly relevant for healthcare leaders in countries with high liability practices.
- Gain a deep understanding of the surveillance measurements and virus research involved in the development of the annual influenza vaccine.

Who Should Apply

This program is designed for anyone involved in improving the resilience of health systems to outbreaks of infectious diseases. Expected participants include executives, policymakers, clinicians, and infection control professionals from the following organization types:

- Health systems, hospitals, and clinics
- Pharmaceutical and biotechnology companies
- Ministries of health, foreign affairs, development, or aid
- Multinational corporations with a significant overseas workforce
- International health care foundations and other NGOs
- Disaster response and relief organizations

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Executive and Continuing
Professional Education



By attending this course, you will learn to:

- Improve diagnosis of infectious disease pathogens, using recently updated tools
- Predict and prepare your organization for a faster response to an infectious disease outbreak
- Develop and execute strategies for effective communications and actionable updates for your organization integrating multiple audiences
- Develop a vaccination strategy to maximize adherence and deployment
- Implement best practices for reporting on infectious diseases
- Integrate the most recent science for therapeutic responses and resistance to notorious pathogens

Program Faculty Directors

Phyllis Kanki, DVM, DSc has been a professor of Immunology and Infectious Disease at the Harvard T.H. Chan School of Public Health since 1999. Her research centers on the virology, pathogenesis and molecular epidemiology of HIV in Africa. Based on long-term research collaborations in Senegal for over 24 years, her work provided the initial characterization of HIV-2,

demonstrated reduced virulence, transmission and progression to disease and interactions with HIV-1 subtypes from West Africa. In 2000, Dr. Kanki created and directed the AIDS Prevention Initiative in Nigeria (APIN), with a \$25 million grant from the Bill & Melinda Gates Foundation.

Richard G. Marlink is Executive Director of the Harvard T.H. Chan School of Public Health AIDS Initiative (HAI); he has been responsible for the evaluation and coordination of AIDS research and training programs for developing countries and disenfranchised populations. In this role, he has also organized numerous policy and educational programs to address the care and treatment needs of HIV/AIDS patients. Most recently he was the Program Chair for Harvard's International Symposium, AIDS at 30: Engaging to End the Epidemic. In 1996, Dr. Marlink helped create the Botswana-HAI Partnership for HIV Research and Education (BHP), working to combat the AIDS epidemic in Botswana. Under his direction, and in partnership with the Botswana Ministry of Health, HAI launched the KITSO AIDS Training Program in 1999, the national training program for physicians, nurses, and pharmacists, which has trained more than 9000 health professionals in HIV/AIDS care and antiretroviral treatment.

The Executive and Continuing Professional Education Difference

The overarching mission of Harvard T.H. Chan School of Public Health is to advance the public's health through learning, discovery, and communication. The Center for Executive and Continuing Professional Education (ECPE) translates faculty research and experience into intensive, applied courses to help leaders across industries address critical challenges in public health and health care. Executive education at ECPE encourages leadership development and provides the knowledge and skills to improve organizational performance. The interactive classroom environment will help you develop innovative and creative approaches to overcoming challenges, while developing relationships that continue long after the program ends.

Harvard Faculty

All ECPE programs are directed and taught by faculty from Harvard University. Our faculty's cutting-edge research and real-world experience shape the field of public health. Program faculty will help you develop the knowledge, critical thinking, and decision-making skills you need to prepare your organization for success.

Elite and Global Peer Network

At Harvard, you will learn alongside leaders from across industries and around the world. Your fellow participants are an integral part of your learning experience, offering valuable insight to overcome the challenges you face daily. You will

leave Harvard having developed a global network of peers you can rely on for guidance as you return home and implement what you learned.

Engaging, Applied Programs

ECPE programs are designed to ensure close interaction between Harvard faculty and course participants. Through case studies, workshops, and small group discussions, we foster collaboration between participants across industries, functional backgrounds, and geographies, encouraging a broader understanding of the curriculum.

Contact Us

As you plan your executive education for the upcoming year, visit our website to learn more about how Harvard T.H. Chan School of Public Health Executive and Continuing Professional Education can help you improve public health, health care, and your career.

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