



MALARIAx:

Defeating Malaria from the Genes to the Globe



Enroll Today
tinyurl.com/MalariaX-Harvard

Science of Eradication: Malaria is now available free, online & worldwide

The annual leadership development course, created by the Barcelona Institute for Global Health, Harvard University, and Swiss Tropical and Public Health Institute, is newly enriched via the HarvardX online learning platform. “MalariaX: Defeating Malaria from the Genes to the Globe,” is a self-paced, free online course. Enroll anytime from **September 30, 2019 to March 31, 2020** for lifelong access to course materials.

WHAT SHOULD LEARNERS EXPECT?

MalariaX explores cutting-edge science and technology, and examines policies needed to control and eliminate malaria.

The course modules provide learners with the knowledge and skills to contribute to global malaria control and eradication.

Faculty instructors guide learners to analyze real-world data, demonstrating effective applications with a focus on the development and implementation of evidence-based intervention strategies for national and local malaria eradication efforts.

WHO SHOULD ENROLL?

Any individual seeking to develop new technical knowledge and expertise in global health, including those already working in the field of malaria.

WHAT WILL LEARNERS GAIN?

In addition to gaining foundational knowledge, learners will build their global health credentials. Those who complete the course have the option to pursue a Verified Certificate (\$49 USD) signed by faculty from Harvard University, ISGlobal, and Swiss TPH. Learners can increase job prospects by sharing the Verified Certificate on their CV, LinkedIn, etc.



MALARIAx:

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Module 1: Setting the Stage for Malaria Elimination

by Dr Pedro L. Alonso
Director, Global Malaria Programme
World Health Organization

Module 2: The Biology of Malaria

by Professor Dyann F. Wirth
Harvard University

Module 3: Vector Biology and the Dynamics of Malaria Transmission

by Professor Flaminia Catteruccia
Harvard University

Module 4: The Dynamics of Malaria Transmission

by Professor Matthias Marti
University of Glasgow

Module 5: Genomic Approaches to Malaria Elimination

by Dr Sarah Volkman
Harvard University

Module 6: Social, Cultural, Behavioral, and Environmental Determinants of Malaria

by Professor Marcia Castro
Harvard University

Module 7: Political Analysis for Malaria

by Professor Michael R. Reich
Harvard University

Module 8: Malaria Control and Elimination: Surveillance-Response Approaches

by Professor Marcel Tanner
Swiss Tropical and Public Health Institute



Course:

Interactive modules feature lectures, quizzes, and game-like learning through case studies and SimState scenarios



Subject:

Biology & Life Sciences



Institution:

HarvardX
Free access to the best education, open to anyone



Length:

8 modules
Option to select individual modules, or take all modules to complete the course



Level:

Intermediate
Prerequisites: university level biology; quantitative methods recommended



Access:

Self-paced, on your own schedule anytime from **September 30, 2019 to March 31, 2020**. Learners have lifelong access to archived course materials



Effort:

Expect to spend 3–5 hours per module. Explore core content and bonus materials



Price:

FREE
Optional Verified Certificate for \$49 USD



Languages: English



Video Transcripts: English and French

Additional content from expert interviews with:

- Bill & Melinda Gates Foundation
- Centre National de Recherche et de Formation sur le Paludisme (Burkina Faso)
- Imperial College London
- Institute for Disease Modeling
- IVCC
- MACEPA/PATH
- National Institutes of Health's National Institute of Allergy & Infectious Diseases
- Sanofi Pasteur
- University of Cheikh Anta Diop (Senegal)
- University of Colombo (Sri Lanka)