Foundations of Public Health Sciences

Facilitators

Prof. Arnaud Chiolero, MD PhD
Population Health Laboratory (#PopHealthLab), University of Fribourg

Prof. Suzanne Suggs, PhD
Institute of Public Health (IPH) and Institute of Communication and Public Policy (ICPP), University of Lugano

Description

Public health is “the science and art of preventing disease, prolonging life, and promoting health through the organized efforts and informed choices of society, organizations, public and private communities, and individuals.” — CEA Winslow (CDC, 2021).

But what constitutes public health sciences? This course is foundational for all those seeking a doctorate in any of the fields of public health sciences. Concept, definition, and history of public health, population health sciences, and applied public health will be addressed. It introduces students to basics of public health surveillance, population health monitoring, and prevention sciences.

Our aim is to make sure that all public health graduates can understand how their specific focus fits within the broader and interdisciplinary nature of public health sciences and can communicate about public health sciences with health scientists and public health stakeholders.

Objectives

After the course participants should:
- Know what is public health science and how it relates to population health science, epidemiology, policy making, health promotion and public health communication
- Know the principles of evidence-based public health and its impact on policy making and practices
- Understand the principles and methods of public health surveillance and population health monitoring
- Understand the principles and methods of public health prevention science and its impact on preventive strategies and intervention

**Dates**

29 and 30 September & 5 and 6 October 2022

**Eligibility**

SSPH+ PhD students. External participants with basic training in public health or epidemiology or working in public health activities are welcome to apply.

**Course Structure**

Lectures and group work

**Assessment**

In-class assignments and presentations

**Credits**

2 ECTS

Preliminary Work: 10h; Contact time: 30h; Assignment: 10h

(1 ECTS corresponds to appr. 25-30 hours workload)

**Location**

Day 1 and Day 2: September 29 (Thu) and 30 (Fri), University of Lugano

Day 3 and Day 4: October 5 (Wed) and 6 (Thu), University of Fribourg

**Course Fees**

SSPH+ PhD Students 30.- CHF (processing fee)

External MD/PhD Students 600.- CHF

External Academics 1700.- CHF

Other Participants 2500.- CHF

**Registration**

Please register online on our website

**Deadline for registration**

29 August 2022; up to 20 students will be accepted