OUTLINE

✓ The Post-Genomic Era

✓ Complexity in the Post-Genomic Era

✓ From Public Health 1.0 to Public Health 3.0
The Post-Genomic Era

✓ What is the Human Genome Project?

✓ What is a Genome-Wide Association Study?

✓ What is the genetic basis for common non-communicable diseases?
Complexity in the Post-Genomic Era

✓ What is meant by multi-factorial diseases?

✓ What factors need to be tackled to prevent multi-factorial diseases?

✓ What is Complexity Science?
From PH 1.0 to PH 3.0

✓ How has housing, water supply and general economic development contributed to the health of the population?

✓ Why are vaccination and tobacco control effective measures for disease prevention?

✓ Why is it more difficult to control “lifestyle diseases” like diabetes?