

# BERLIN SCHOOL OF PUBLIC HEALTH

## A modern researcher's toolbox: from methods to manuscript Schedule Day 1 and 2

### Day 1: Monday

9:00–10:00	Introductions and Objectives of the Short Course Critical Thinking in Epidemiology: Examples from the Literature
10:00–10:15	<i>Break</i>
10:15–11:45	Types of Epidemiologic Studies in the Literature (Descriptive, Analytic)
11:45–12:00	Read article for afternoon session
12:00–13:00	<i>Lunch Break</i>
13:00–14:00	Measures of Disease Frequency, Measures of Association and their Scales
14:00–14:15	<i>Break</i>
14:15–15:45	Interpretation of the Findings: Association versus Causation
15:45–16:00	<i>Break</i>
16:00–17:00	Seminar: Critical Evaluation of the Medical Literature

### Day 2: Tuesday

9:00–10:30	Principles of Randomized Trials; Strengths and Weaknesses
10:30–10:45	<i>Break</i>
10:45–12:00	Seminar: Critical Evaluation of the Medical Literature
12:00–13:00	<i>Lunch Break</i>
13:00–14:30	Sample size and power, P-values and confidence intervals, Effect Modification
14:30–14:45	<i>Break</i>
14:45–17:00	Screening Lecture and Seminar