



UNIVERSITÀ DEGLI STUDI DI TORINO

ID

VP47_DIP_MED

Visiting Professor Program Academic year 2020/2021

DEPARTMENT OF MEDICAL SCIENCES

TEACHING COMMITMENT: 12 hours

COURSE TITLE

Causal Inference in Clinical Epidemiology

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Medical statistics

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

- Introduction to causal inference in clinical epidemiology.
- Potential outcomes in randomized and observational studies.
- Causal graphs and their applications.
- Introduction to mediation analysis.

LEARNING OBJECTIVES

To understand the principles of causal inference.

Use of causal graph to identify confounding and other potential sources of bias.

To understand the principles of mediation analyses.

TUTORSHIP ACTIVITIES (IF APPLICABLE)

LAB ACTIVITIES (IF APPLICABLE)

OTHER ACTIVITIES (IF APPLICABLE)

VISITING PROFESSOR PROFILE DESCRIPTION

Medical Statistician, with particular expertise in causal inference and life course epidemiology.

CONTACT PERSON AT THE DEPARTMENT

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