Contact Addresses

If you need further details on the course please contact:

Emanuela Ciliberto, Unit of Cancer Epidemiology, Department of Medical Sciences, University of Turin, Via Santena, 7 – 10126 Torino
Phone +39 011 6334661
emanuela.ciliberto@unito.it

Scientific Coordinators:
Rino Bellocco, Sc.D
(University of Milano-Bicocca , Karolinska Institutet)
Lorenzo Richiardi, Ph.D
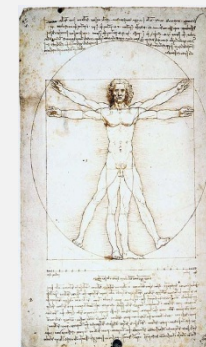(University of Turin)

Course homepage: **http://www.causal.altervista.org**

Location: Department of Statistics and Quantitative Methods, University of Milano-Bicocca, Milano.

Promotion

The course is promoted by the Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC) together with the Department of Statistics and Quantitative Methods, University of Milano-Bicocca and the Department of Medical Sciences, University of Turin

SISMEC Working Group on
Causal Inference

A short course on concepts and methods in Causal Inference
VI Edition
Milan (Italy), 12-14 December 2016
Faculty:

Rino Bellocco	University of Milano-Bicocca
Francesca Ghilotti	Karolinska Institutet
Costanta Pizzi	University of Turin
Lorenzo Richiardi	
Daniela Zugna	
Arvid Sjolander	Karolinska Institutet
Linda Valeri	Medical School/McLean Hospital

GOALS AND RATIONALE

Causal inferences play a predominant role in science.
In epidemiology, the goal and the ambition of the most part of the researchers is to determine an unbiased estimate of the effect of being exposed to a given risk factor on a well defined outcome (disease, death). In recent years, there have been important statistical developments that go beyond the traditional multivariable regression techniques in order to obtain unbiased estimates.
Aims of this course are to discuss the current state of the art with respect to these issues, while retaining a practical focus and to assess our current and future abilities to address effectively cause-and-effect questions.

COURSE DESCRIPTION

12 December 2016 – 9:00/18:00
Basic concepts in epidemiology seen through causal inference and causal diagrams: measures of association, bias, confounding, missing values.
13 December 2016 – 9:00/18:00
Mediation analysis. Interaction and effect Modification.
14 December 2016 – 9:00/17:30
Causal estimation methods: Introduction to marginal structural models for fixed and time-varying confounders.
Teaching will be based on both formal lectures and computer/group sessions.
Two seminars will be given during the course (13 and 14 of December @ 14:00).

Teachers:
Rino Bellocco (University of Milano-Bicocca, Karolinska Institutet)
Francesca Ghilotti (Karolinska Institutet , University of Milano-Bicocca)
Costanta Pizzi (University of Turin)
Lorenzo Richiardi (University of Turin)
Daniela Zugna (University of Turin)
Arvid Sjolander (Karolinska Institutet)
Linda Valeri (McLean Hospital)

WHO SHOULD APPLY?

Epidemiologists and statisticians with interest in epidemiology, or researchers with similar background. The course is thought at an introduction/intermediate level.

COURSE FEE AND APPLICATION

The total course fee is 300 € for general applicants and 200 € for accredited students or postdocs. Upon acceptance, payment details will be provided. The number of participants is limited to 25. SISMEC members will have a flat discount of 50 €.

Applicants should complete the attached form and return it as soon as possible to:

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Via Santena, 7 – 10126 Torino
Phone +39 011 6334661
emanuela.ciliberto@unito.it

Payment details will be provided as soon as possible after the completion of the application form.

APPLICATION FORM

A short course on concepts and methods in Causal Inference.

Milan (Italy) 12 - 14 December 2012.

Emanuela Ciliberto emanuela.ciliberto@unito.it

Please use block capitals

Surname:_____

Forename(s):_____

Title: _____ Male □ Female □

Accredited student or post-doc   □

Date of Birth:_____

Nationality: _____

Country of Residence:_____

Address for correspondence:_____

_____

_____

Postcode:_____

Daytime Telephone No:_____

Mobile No:_____

 E-mail address:_____

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