

Main Degree or Qualification, Diploma and Certified held

Degree or Diploma:

Most recent employment

Employer:

Position held:

How and where did you hear about this course?

Intended source

Self Financing

Sponsor

Signed: _____

Date: _____

SCIENTIFIC COORDINATORS:

Giovanni Corrao

(University of Milano-Bicocca)

Rino Bellocco

(University of Milano-Bicocca, Karolinska Institutet)

Lorenzo Richiardi

(University of Turin)

Courses homepage: www.causal.altervista.org

LECTURES AT:

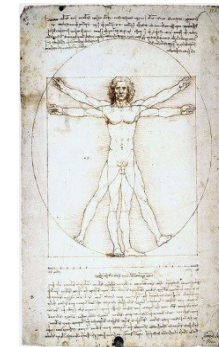
Seminar Room n. 2062, Department of Statistics and Quantitative Methods, University of Milano-Bicocca, Via Bicocca degli Arcimboldi 8, Building U7 (second floor), 20126 Milan (Italy).

PROMOTION

The course is organized by BiostatEpi, 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.



SISMEC working Group on Causal Inference



A short course on concepts and methods in Causal Inference

V Edition

10-12 December 2014

Milan , Italy



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

10 December 2014 – 9:00/18:00

Basic concepts in epidemiology seen through causal inference and causal diagrams: measures of association, bias, confounding, missing values. Instrumental variables.

11 December 2014 – 9:00/18:00

Mediation analysis. Interaction and effect Modification

12 December 2014– 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.

FACULTY

Rino Bellocco, Sc.D

(University of Milano-Bicocca - Karolinska Institutet)

Costanza Pizzi, Ph.D.

(University of Turin)

Lorenzo Richiardi, Ph.D.

(University of Turin)

Daniela Zugna, Ph.D.

(University of Turin)

Arvid Sjolander, PhD

(Karolinska Institutet)

Andrea Arfé, Ms.C.

(University of Milano-Bicocca)

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 on-line application form at: <http://goo.gl/forms/ELL1K31ZWV>

Alternatively, complete the attached application form and return it as soon as possible (preferably by email) to:

Michela Doronzo, Rino Bellocco, Department of

Statistic and Quantitative Methods, University of

Milano - Bicocca, via Bicocca degi Arcimboldi, 8 -

20126 Milan (Italy)

Phone: +39 02 6448 5847

Mobile: 349 3915523

Email: michela.doronzo@statistica.unimib.it

rino.bellocco@unimib.it

Please contact us to the addresses above also for further details on the course.

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

APPLICATION FORM

A short course on concepts and methods in Causal Inference.

Milan (Italy) 10-12 December 2014.

Please use block capitals

First Name:

Last Name:

Title: _____ Male Female

Accredited student or post-doc

SISMEC member

Date of Birth: _____

Nationality: _____

Country of Residence: _____

Address for correspondence: _____

Postcode: _____

Daytime Telephone No: _____

Mobile No: _____

E-mail address: _____
