

Main Degree or Qualification, Diploma and Certificated 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: _____

Contact Addresses

If you need further details on the course please contact:

Andrea Arfé, Rino Bellocco, Department of Statistics and Quantitative Methods, University of Milan-Bicocca, Via Bicocca degli Arcimboldi 8, 20126 – Milan (Italy).

Phone: +39 02 6448 5846

a.arfe@campus.unimib.it

rino.bellocco@unimib.it

Scientific Coordinators:

Rino Bellocco

(University of Milano-Bicocca , Karolinska Institutet)

Giovanni Corrao

(University of Milano-Bicocca)

Lorenzo Richiardi

(University of Turin)

You can also visit the website:

<http://www.causal.altervista.org>

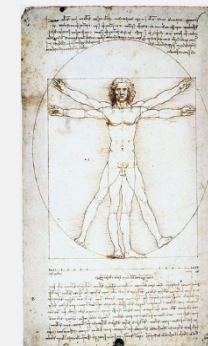
Lectures at:

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

Promotion

The course is promoted by the Italian Society of Medical Statistics and Clinical Epidemiology (SISMEC) with the support from 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

IV Edition

Milan (Italy), 9-11 December 2013

Faculty:

Rino Bellocco	University of Milano-Bicocca Karolinska Institutet
Costanta Pizzi Lorenzo Richiardi Daniela Zugna	University of Turin
Arvid Sjolander	Karolinska Institutet
Andrea Arfé	University of Milano-Bicocca

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

9 December 2012 – 9:00/18:00

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

10 December 2012 – 9:00/18:00

Mediation analysis. Interaction and effect Modification

11 December 2012 – 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.

Teachers:

Rino Bellocco (University of Milano-Bicocca, Karolinska Institutet)

Costanta Pizzi (University of Turin)

Lorenzo Richiardi (University of Turin)

Daniela Zugna (University of Turin)

Arvid Sjolander (Karolinska Institutet)

Andrea Arfé (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 (225 € for SISMEC members) and 200 € (175 € for SISMEC members) for accredited students or postdocs. Upon acceptance, payment details will be provided. The number of participants is limited to 25.

Accommodation: the hotel *Novotel* in Viale Suzzani 13, Milan, is nearby the Bicocca University (www.novotel.com). Accommodation is not included in the cost fee.

Applicants should complete the on-line application form at:

<http://goo.gl/McF5ET>

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

Andrea Arfé, Rino Bellocco, Department of Statistics and Quantitative Methods, University of Milan-Bicocca, Via Bicocca degli Arcimboldi 8, 20126 – Milan (Italy).

Phone: +39 02 6448 5846

a.arfe@campus.unimib.it

rino.bellocco@unimib.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) 9-11 December 2012.

Please send to: **Andrea Arfé, Rino Bellocco** –

a.arfe@campus.unimib.it

rino.bellocco@unimib.it

Please use block capitals

Surname: _____

Forename(s): _____

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: _____
