

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:

Emanuela Ciliberto, Cancer Epidemiology Unit,
Via Santena, 7 - 10126 Torino (Italy)
Tel: +39 011 6334661/Fax: +39 011 6334664
emanuela.ciliberto@hotmail.com

You can also visit the website:
http://causal.altervista.org/pdf/brochure_torino.pdf

and:
<http://causal.altervista.org/courses.php>

Lectures, computer labs and hotel accommodation at:

Villa Gualino
Viale Settimio Severo, 63
10133 Torino - Italy
Tel +39 011 6603555
Fax +39 011 6603535

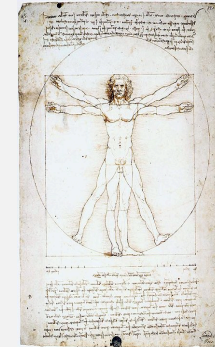
www.villagualino.net

Patrocinium

The course is patrocined by the Italian Society of Medical Statistics (SISMEC) in collaboration with BiostatEpi.



SISMEC Working Group on
Causal Inference



A short course on concepts and methods in Causal Inference
II Edition

Torino (Italy), 19-21 September 2011

Faculty:

Rino Bellocco	University of Milano-Bicocca
Rhian Daniel	London School of Hygiene and Tropical Medicine
Bianca De Stavola	London School of Hygiene and Tropical Medicine
Costanza Pizzi	University of Turin
Lorenzo Richiardi	University of Turin
Arvid Sjolander	Karolinska Institutet



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

19 September 2011 – 9:00/18:00

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

20 September 2011 – 9:00/18:00

Causal Estimation methods: propensity score, inverse probability weighting. Introduction to Marginal structural models.

21 September 2011 – 9:00/15:00

Time-varying confounders; mediation analysis.

Teaching will be based on combination of formal lectures and computer practicals.

Each day there will be a 2-hour section with invited speakers on specific case-studies.

Teachers:

Rino Bellocco (University of Milano-Bicocca)

Rhian Daniel (London School of Hygiene and Tropical Medicine)

Bianca De Stavola (London School of Hygiene and Tropical Medicine)

Costanza Pizzi (University of Turin)

Lorenzo Richiardi (University of Turin)

Arvid Sjolander (Karolinska Institutet)

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 €, which covers **only** participation in the course, materials, coffee breaks and lunches. Fees are payable **in full by 21 August 2011**. Upon acceptance, payment details will be provided.

The number of participants is limited to 30 students.

Accommodation is available at Villa Gualino (single room with breakfast 70 € per night).

Please contact directly Villa Gualino (+390116603555 – www.villagualino.net) if you wish to book an accommodation, specifying that you will participate in the Causal Inference Course. (Please contact Emanuela Ciliberto if you experience any problem).

Applicants should complete the application form attached or download it from the Causal Inference Working Group's website:

<http://causal.altervista.org/courses.php>

and return it as soon as possible to:

Emanuela Ciliberto, Cancer Epidemiology Unit,
Via Santena, 7 - 10126 Torino (Italy) Tel: +39 011 6334661/Fax: +39 011 6334664
emanuela.ciliberto@hotmail.com

APPLICATION FORM

A short course on concepts and methods in Causal Inference.

Turin (Italy) 19-21 September 2011.

Please send to: Emanuela Ciliberto - fax +390116334664, emanuela.ciliberto@hotmail.com

Please use block capitals

Surname: _____

Forename(s): _____

Title: _____ Male Female

Date of Birth: _____

Nationality: _____

Country of Residence: _____

Address for correspondence: _____

Postcode: _____

Daytime Telephone No: _____

Mobile No: _____

Fax No: _____

E-mail address: _____