

Accreditation

30 Continuing Professional Development credits have been awarded by the Royal College of Physicians for each course since 2009, and we expect the same approval for 2016.

Methods of Assessment

There will be no formal examination or assessment, but a certificate of attendance will be issued.

Sponsorship and Funding

We are seeking funding to enable fellowships to be offered to participants who are based in developing countries. Availability of fellowships cannot be guaranteed. Participants who are independently seeking sponsorship are advised to try UICC, Cancer Research UK, The Royal Society, the Wellcome Trust, the British Academy or the British Council, amongst others.

Applicants are encouraged to apply for a place on the course as early as possible. For those who have been accepted on the course, confirmation of acceptance can be supplied.

Specific course enquiries should be made to the course administrator: survival@lshtm.ac.uk.

Cancer Survival Group

The research of the Cancer Research UK Cancer Survival Group is designed to describe and explain differences in cancer survival at local, national and international levels. The results help policy-makers to target investment in cancer services to improve survival and reduce inequalities. This research faces methodological challenges.

The Group is actively involved in methodological innovation in survival analysis, and participates in the international methodological network CENSUR. Statistical software and other tools for cancer survival analysis developed by the Group have become widely used, and are freely accessible via its website.

The Cancer Survival Group is responsible for producing the official national statistics on cancer survival for England, in close collaboration with the Office for National Statistics.

More information about the Cancer Survival Group and its research can be found at: csg.lshtm.ac.uk

The School is an internationally renowned centre for research and postgraduate education in public and global health, with 4,000 students and more than 1,000 staff working in over 100 countries.

The School is highly ranked in a number of university league tables, including being named top in Europe for impact (Leiden Ranking, 2015) and the world's leading research-focused graduate school (Thomson Reuters / Times Higher Education).

Our mission is to improve health and health equity in the UK and worldwide; working in partnership to achieve excellence in public and global health research, education and translation of knowledge into policy and practice.

How to Apply

Applicants should complete the online application form available on the course webpage:
www.lshtm.ac.uk/study/cpd/scspma.html

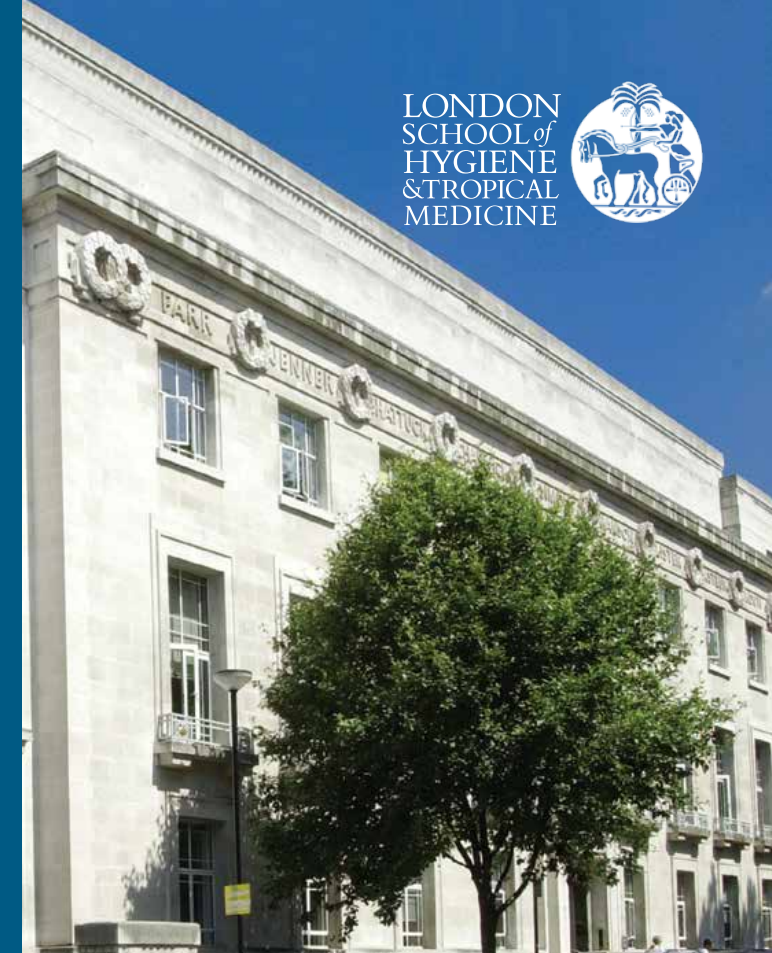
For more information please contact:

Registry

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Email: shortcourses@lshtm.ac.uk
Website: www.lshtm.ac.uk/study/cpd

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



Cancer Survival: Principles, Methods and Applications

Short Course: 27 June - 1 July 2016

Improving health worldwide



Further information:

www.lshtm.ac.uk/study/cpd/scspma.html

Course Organisers

Professor Michel Coleman

Dr Bernard Rachet

Dr Claudia Allemani

Course Administrator

Ms Yuki Alencar

The Course

A highly experienced faculty will present a stimulating and intensive one-week course on the principles, methods and applications of cancer survival with population-based data, using lectures, computer-based analytic exercises with real data, review sessions and a session for participants to present their own work or ideas. Net survival will be the main survival concept, with discussion of recent methodological developments (e.g. non-parametric estimation of net survival, crude probability of death).

The methodological concepts will be illustrated by public health and policy applications of cancer survival throughout the week. Results from some of the latest survival studies will be presented and their interpretation discussed.

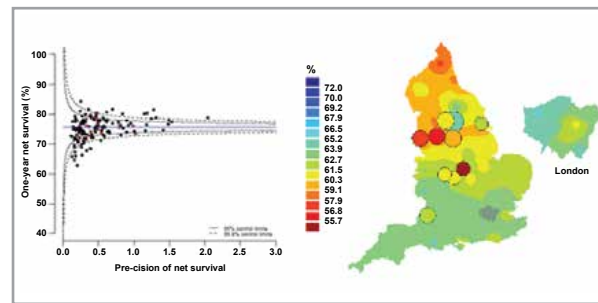
The course aims:

- to teach the main statistical methods for population-based cancer survival analysis
- to discuss the main controversies in the estimation and interpretation of cancer survival
- to provide students with an intensive learning environment in which most faculty members will attend all sessions of the course, not just their own
- to provide opportunities for computer-based practical analysis of real cancer data

Course Content

Methods covered include:

- Population measures of cancer burden (incidence, prevalence, mortality, survival)
- Overall and net survival, relative survival ratio, excess mortality hazard
- Construction of abridged and complete life tables

**Faculty**

The faculty will include internationally renowned experts in the field of cancer survival analysis and methods, as well as researchers in the Cancer Research UK Cancer Survival Group at the School. External faculty members confirmed for 2016 include:

- Dr Paul Dickman, Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm
- Dr Maja Pohar Perme, Institute of Biostatistics and Medical Informatics, University of Ljubljana
- Professor Jacques Estève, Professor Emeritus, Lyon-Sud University, Lyon, France

Who Should Apply?

Epidemiologists, statisticians, physicians and oncologists, public health specialists and others with a direct interest in applied cancer survival analysis, and particularly those working in a cancer registry.

- Cancer survival analysis within the relative survival design, including cohort, complete, period and hybrid approaches
- Multi-adjustment of cancer survival for age, stage and other factors
- Impact of data quality, completeness, stage migration, screening and lead-time bias on survival estimates

Entry Requirements

Applicants must have a basic understanding of cancer survival analysis, since this course will include discussion of advanced statistical methods and practical computing, in addition to discussion of the public health applications of cancer survival data. We do not insist that participants have a qualification in statistics, but some experience is essential in order to take full advantage of the statistical components of the course. All practical sessions will use Stata, therefore some experience with Stata software should be considered essential. The applied public health elements of the course will be accessible and relevant to all participants.

Course Fee

The fee for the course is **£1,345**. This fee covers course materials, lunch on the first and last days of the course, and tea/coffee at each break. This fee does not include travel or accommodation. The course is for a whole week; daily rates are not available.

A discounted fee of **£672.50** is available to participants who are based in low-, lower-middle and upper-middle income countries. A list of eligible countries can be found through the course webpage.

If the course fee is to be paid on the applicant's behalf, please send a letter from the sponsor to confirm this as soon as possible. Otherwise the applicant will be held responsible for payment. Fees are payable in full by **13 June 2016**.

Travel and Accommodation

The School cannot organise travel or accommodation for participants. A list of hotels and other accommodation in the vicinity of the School can be provided on request to the Registry.

- Methods of handling missing data in cancer survival analysis
- Avoidable deaths and population "cure"
- Multi-variable modelling of the excess hazard of death, and comparison with Cox and Poisson approaches