

## Course Fee

The course fee is £1,950. This includes participation in the course and the WCRF International Conference, the course manual (including background reading material and handouts), a welcome reception, a social event, coffee, tea and refreshments, and two course dinners. Travel, accommodation and other meals are not included.

## Registration

You can download the registration form from our website: [www.imperial.ac.uk/medicine/nutritionalepidemiology](http://www.imperial.ac.uk/medicine/nutritionalepidemiology)

If do not have access to the internet, please phone us or send us a fax, and we will send you a registration form.

Registrations must be received by 15 June 2010.

Applicants will be notified of acceptance by 1 July 2010.

Payment is due by 1 August 2010.

## Location

The course will be taught at the South Kensington campus of Imperial College London.

South Kensington station, which is moments away from the campus, provides easy access to Heathrow Airport (50 minutes) and central London.



## Accommodation

Participants are requested to make their own travel and accommodation arrangements. However, Imperial College provides great value bed and breakfast accommodation in student Halls of Residence, and a list of hotel options is also available:

[www3.imperial.ac.uk/conferenceandevents/accommodation](http://www3.imperial.ac.uk/conferenceandevents/accommodation)

## Testimonials

*"Really impressed with the quality of material, knowledge+reputation of presenters, organisation and friendly atmosphere."*

*"The course was great in every sense possible; good contents, good organisation, good friends, good fun..."*

*"The interactive communication between the participants brings in a lot of new ideas and allows sharing of knowledge and experience."*

*"The course faculty team was very strong and diverse, and the participants had an excellent combination of diverse backgrounds, experience and practical areas."*

## Further information

Please visit our website or contact the course organiser for further information:

**Dr Petra Wark**

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[www.imperial.ac.uk/medicine/nutritionalepidemiology](http://www.imperial.ac.uk/medicine/nutritionalepidemiology)

# Imperial College London

## International Course in Nutritional Epidemiology (2<sup>nd</sup> ed.)

31 August – 10 September 2010



Followed by the WCRF International  
Conference (12 – 13 September 2010)

## About the course

This advanced and interactive course aims to give you a solid grounding in the knowledge and skills that are required to work as a nutritional epidemiologist. Participants are expected to have postgraduate level experience (MSc or PhD) in epidemiology.

The course will consist of lectures, computer tutorials, debates and discussions with experts and a small group assignment, with particular focus on current controversies in the field.



We will place strong emphasis on assessment of exposure (to include diet, body size, and physical activity), methodological considerations in study design, and pertinent statistical issues, including how best to address measurement error and adjust for total energy intake. You will learn to critically interpret results from nutritional epidemiological studies and evaluate the association between a given nutritional factor and disease. Current priorities in nutritional epidemiology, its future potential and challenges will be discussed. We will also address the translation of scientific findings into nutritional recommendations and policies.

Some of the themes and issues you learn about will be further explored in the subsequent World Cancer Research Fund International (WCRF International) 2-day conference, covering both the science and policy aspects of nutrition, physical activity and cancer prevention.

## Topics will include

- ◆ The importance of nutrition in the prevention of morbidity and mortality from chronic disease.
- ◆ International patterns and trends in diet (including biomarkers of intake and status), body size (including the obesity epidemic), and physical activity.
- ◆ Assessment methods for diet (questionnaires, 24-hour recalls, food diaries; biomarkers; dietary patterns; food composition databases), anthropometry and physical activity (questionnaires, objective methods).

- ◆ Methodological considerations in study design in nutritional epidemiology.
- ◆ The problem of measurement error in nutrition-related exposures and approaches to dealing with this (validity, reproducibility, de-attenuation, calibration).
- ◆ Statistical methods (adjustment for total energy, selection of confounders, effect modification and interaction, multivariable regression analyses, continuous versus categorical analyses, trend tests, lag analysis, data transformation).
- ◆ The role of meta-analysis in nutritional epidemiology.
- ◆ Interpretation of nutritional epidemiological findings.
- ◆ Modern tools in nutritional epidemiology (Mendelian randomization, gene-environment interactions, metabonomics, large epidemiological studies).
- ◆ Translation of nutritional epidemiology findings into dietary guidelines and health policies.

## Faculty

There will be ample opportunity throughout the course to interact with the faculty. The following faculty members have confirmed their participation so far:

- ◆ **Professor Elio Riboli** (*course director, Imperial College London*)
- ◆ **Dr Petra Wark** (*course organiser, Imperial College London*)
- ◆ **Dr Kate Allen** - *WCRF International*
- ◆ **Professor Paul Elliott** - *Imperial College London*
- ◆ **Mr Richard Evans** - *WCRF International*
- ◆ **Professor Laurence Freedman** - *Gertner Institute for Epidemiology, Israel*
- ◆ **Professor Gary Frost** - *Imperial College London*
- ◆ **Dr Panagiota Mitrou** - *WCRF International*
- ◆ **Dr Teresa Norat** - *Imperial College London*
- ◆ **Dr Dora Romaguera** - *Imperial College London*

## WCRF International Conference

This new conference ([www.wcrfconference.org/2010](http://www.wcrfconference.org/2010)) will provide a forum for the dissemination of results in nutrition and cancer and will examine how this knowledge can be used by policy-makers to inform thinking and develop ways of preventing cancer.

## WCRF International Fellowships

Six fellowships will be made available by the WCRF International ([www.wcrf.org](http://www.wcrf.org)).

Please indicate on the registration form whether you wish to be considered for a fellowship.