

## APPLICATION FORM

Epidemiological evaluation of  
vaccines: efficacy, safety, policy

9 - 20 July 2012

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



### PLEASE WRITE IN CAPITAL LETTERS

Surname or Family name: \_\_\_\_\_

Forename(s): \_\_\_\_\_

Title: (Dr/Mr/Mrs etc) \_\_\_\_\_ Gender: Male  Female

Date of Birth: \_\_\_\_/\_\_\_\_/\_\_\_\_

Nationality: \_\_\_\_\_

Country of Birth: \_\_\_\_\_

Country of normal residence: \_\_\_\_\_

Address for correspondence: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Postcode: \_\_\_\_\_

Daytime Telephone No: \_\_\_\_\_

Mobile No: \_\_\_\_\_ Fax No: \_\_\_\_\_

Email address: \_\_\_\_\_

How and where did you hear about the School and the course to which  
you have applied? \_\_\_\_\_

- Advertisement in \_\_\_\_\_
- University Careers Office \_\_\_\_\_
- From an ex-student of the School \_\_\_\_\_
- Conference or Fair in \_\_\_\_\_
- Other - please give details \_\_\_\_\_
- Employer \_\_\_\_\_
- Website \_\_\_\_\_

If you have a medical condition, physical or other disability of which the School should be aware or which might call for special arrangements or facilities, you should attach a confidential letter with your application form.

The London School of Hygiene & Tropical Medicine (LSHTM) has an internationally excellent reputation in public health and tropical medicine and is a leading postgraduate medical institution in Europe. It is a major national and international focus of collaboration in teaching and research, where clinical, population, laboratory and social sciences are integrated to address the broad issues of health. Associated with the School as a teaching hospital is the Hospital for Tropical Diseases.

The School is situated in the heart of London, in Bloomsbury, between the City (London's financial quarter) and the busy West End, with its unparalleled shopping and entertainment facilities. There is easy access to the rest of central London and its many places of interest.



### Applications

Application forms and further details of other short courses offered by the School can be obtained from:

**Registry**  
**London School of Hygiene & Tropical Medicine**  
**Keppel Street**  
**London WC1E 7HT**  
**UNITED KINGDOM**

**Telephone: +44 (0)20 7299 4648**  
**Fax: +44 (0)20 7299 4656**  
**Email: [shortcourses@lshtm.ac.uk](mailto:shortcourses@lshtm.ac.uk)**  
**Website: [www.lshtm.ac.uk](http://www.lshtm.ac.uk)**

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& TROPICAL  
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## EPIDEMIOLOGICAL EVALUATION OF VACCINES: EFFICACY, SAFETY, POLICY

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The Mission of the London School of Hygiene & Tropical Medicine is to contribute to the improvement of health worldwide through the pursuit of excellence in research, postgraduate teaching and advanced training in national and international public health and tropical medicine, and through informing policy and practice in these areas.

# EPIDEMIOLOGICAL EVALUATION OF VACCINES: EFFICACY, SAFETY, POLICY

Further information: <http://www.lshtm.ac.uk/study/cpd>

## Course Organisers

**Dr Sara Thomas and Dr Karen Edmond**

Department of Infectious Disease Epidemiology  
Faculty of Epidemiology & Population Health

## The Course

Epidemiological research has become an important tool in assessing vaccine protection. Although there are several courses specialising in vaccinology, there remains a gap in teaching about advanced epidemiological tools for vaccine evaluation. This course is designed to provide an understanding of the methods used in the evaluation of vaccines; from early human trials through to assessment of population impact and policy. It aims to address issues in high, medium and low income countries.

**In 2012 the course will run from 9 to 20 July.**

## Who Should Apply?

The course is relevant to public health professionals and field researchers with a strong interest in vaccine efficacy, safety and policy impact. Participants will be expected to have a basic postgraduate epidemiology module or equivalent. The course is intensive and a good command of the English language is essential. A basic knowledge of computers including Excel and Word is also required.

## Course Content

- Epidemiological principles of vaccine evaluation
- Immunological basis for vaccination
- Pre-licensure epidemiological issues:
  - Phase I, II and III trials
  - Practical and ethical considerations
  - Clinical trials: sample size and analysis issues
  - Good clinical practice and adverse event monitoring during vaccine trials
- Post-licensure epidemiological issues:
  - Vaccine efficacy and effectiveness
  - Impact studies
  - Burden of disease assessment
  - Surveillance of disease and infection
  - Adverse events monitoring
- Using immunology in vaccine evaluation
- Infectious disease modelling in assessing vaccine impact
- Economic evaluation of vaccination programmes
- Key issues in vaccination schedules and policy
- Long term implications of vaccination programmes
- Topical issues in the epidemiology of vaccine preventable disease

## Teaching Methods and Course Materials

All teaching is carried out at the School in London and consists of a combination of formal lectures and more informal seminars and group practicals. A comprehensive manual will be provided to accompany the presentations.

## Course Certificate and Assessment

There will be no formal assessment but a Certificate of Attendance will be awarded to those completing the course.

## Course Fee

The total course fee for the full two weeks is £2,235, which covers participation in the course, materials, and incidental tea/coffee and reception, but does not cover travel costs, accommodation and meals. 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 personally responsible for payment. Fees are payable in full by 11 June 2012.

## Accommodation

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

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### Main degrees or qualifications, diplomas and certificates held:

Approximate Dates	Educational Institution
_____	_____
_____	_____
Name of Course	Degree or Diploma
_____	_____
_____	_____

### Most recent employment:

Employer: \_\_\_\_\_

Position held: \_\_\_\_\_

Dates of employment: \_\_\_\_\_

Please describe briefly the work involved: \_\_\_\_\_

\_\_\_\_\_

### Why do you wish to attend this course?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Intended source of funding:

SELF FINANCING  SPONSOR

If being sponsored please send a letter of confirmation from your sponsor no later than **11th June 2012**.

### Declaration and signature of candidate seeking admission

I declare that the information given on this application form is correct. I have read and understood the arrangements for payment of tuition fees to which arrangements I will adhere. I understand that the School may cancel courses two weeks before the start date if numbers prove insufficient and in those circumstances course fees will be refunded.

Signature: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

### Course Fees

If the course fee is to be paid on the candidate's behalf, please send a letter from the sponsors to confirm this no later than **11th June 2012**. Otherwise the applicant will be held responsible for payment. Fees are payable in advance by **11th June 2012** and attendance on a course may not begin until fees are fully paid. Cancellation of attendance on a course may lead to loss of all or part of the fee.