Available PhD Project:

Supervisor: Dr Caroline Trotter

Supervisor profile page: [Caroline Trotter — Research in the Department of Veterinary Medicine (cam.ac.uk)]

Project Title: Epidemiology and modelling to support the routine infant immunisation programme in England

Description: This PhD project at the University of Cambridge is available for an outstanding candidate in partnership with Public Health England (PHE) and the NIHR Immunisation Health Protection Research Unit at LSHTM. Supervised by Dr Caroline Trotter and a colleague at PHE the student will perform novel epidemiological analyses and develop and apply mathematical models to simulate potential changes to vaccine policy in England. The project will provide evidence to support the routine immunisation schedule in England and may include evaluation of the potential impact and cost-effectiveness of new vaccines in the development pipeline.

The candidate will have strong quantitative skills and a particular interest in epidemiology and public health which they will further develop through their PhD. The successful candidate must have an Honours Degree at 2.1 or above (or equivalent) in a relevant subject; a Masters degree in epidemiology is desirable. Training in epidemiology, health economics and mathematical modelling will be provided and the successful student will have the opportunity to shape the project in line with their interests. Based in the Department of Veterinary Medicine, the student will also be encouraged to join interdisciplinary networks such as Cambridge Infectious Diseases and Cambridge Public Health, in addition to being a member of the Immunisation HPRU.

Dr Trotter’s research focuses on the epidemiology and control of bacterial meningitis and other vaccine preventable diseases. She is an honorary epidemiologist at PHE and a consultant to the World Health Organisation.

Funding: Funding will be available to cover Home fees and stipend at a rate of £15,689 per annum, for three years.

How to apply: Contact the Supervisor to discuss the project before submitting an official application. Deadline to submit the official application is 7th June 2021 and interviews of shortlisted candidates is anticipated for 15th June.

More details on how to apply here:

[How to apply — Department of Veterinary Medicine (cam.ac.uk)]