

Funded PhD opportunity available at CASA, in partnership with the UK Department for Transport.

We are looking for a highly motivated individual who has a strong interest in transport, economics, spatial analysis and urban modelling.

The deadline for application is: **29 June 2023, 23:59**

To apply, please:

send your CV and a 500-word (maximum) letter of motivation to Carol Trent, c.trent@ucl.ac.uk ;

indicate in the letter whether you have a UK nationality or pre-/settled status; use **Application for CASA/DfT PhD [your name]** as the subject of your email;

Interviews with short-listed candidates will be held on **5 and 6 July**. Short-listed candidates will receive an invitation during the morning of **4 July**.

Project Description:

Project Title:

Assessing socio-spatial and economic impacts of large transport infrastructure

Principal Supervisor: Dr Jens Kandt

Secondary Supervisor: Prof Michael Batty

Department & Institution:

The Bartlett Centre for Advanced Spatial Analysis (CASA), University College London (UCL)

Collaborative Organisation:

UK Department for Transport (DfT)

Large transport investments are expected to generate economic and social benefits, such as job creation, higher productivity, housing development and urban regeneration. Yet, such impacts from transport infrastructure appear to be highly dependent on geographical context, such as local socio-economic and labour market conditions. In addition, the moderating and sometimes confounding effects of displacement the relocation of households and firms are still poorly understood.

Prior work on or experience with economic models, specifically GCE modelling, LUTI
or