

## Centre For Health Economics Seminar Series 2019

### Peer and network effects in medical innovation: The case of laproscopic surgery in the English NHS

With Eliana Barrenho, Marisa Miraldo and Carol Propper

Presenter: Dr Christiern Rose  
Date: Wednesday 22 May 2019  
Time: 12.00pm - 1.00pm  
Venue: Room H.921 Caulfield campus



#### Abstract

This paper examines the effect of peers and networks on the uptake of innovation in surgery. Using a rich matched patient-surgeon data set covering all relevant surgeons, we construct a wide set of time varying measures of peer behaviour and network effects. Our estimates allow for simultaneity bias and treatment of the network as partially unknown. The findings show the importance of multiple channels in affecting the diffusion of innovative behaviour across individual surgeons.

#### Presenter

Chris is a lecturer at the School of Economics, University of Queensland. Prior to joining UQ, he obtained a PhD from the University of Bristol in 2016 and held a post-doctoral position at Toulouse School of Economics from 2015-2017. Chris' research focuses on theoretical and applied microeconometrics. His theoretical work focuses on identification/estimation of network and high dimensional instrumental variables models. His applied work focuses on the role of networks in determining outcomes in health and education.

#### VISITORS ARE MOST WELCOME

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