Katharina Kohler:

Katharina studied medicine at the University of Cambridge. Before her medical career she studied astrophysics with a specific interest in theoretical cosmology and obtained her PhD in 2006 from the University of Colorado. Having completed training in anaesthesia she is currently working as an NIHR clinical lecturer and consultant Anaesthetist in the University Division of Anaesthesia. Her clinical interests are in vascular anaesthesia, peri-operative care and anaesthesia for major general surgery.

Her research focuses on applying quantitative methods to perioperative pathways and perioperative care systems.

Her current projects are:

1.Network analysis to investigate acute health systems: Emergency surgical pathway in CUH and emergency care system in the Midwest USA.

2. Data-driven analysis of emergency surgical patients.
This aspect of her projects involves using large data-sets of patient records to investigate the pathways of patients who attend for emergency surgery.

3.Health-system modelling of trauma care in a global health setting.