

**Nuffield Department of Primary Care Health Sciences,
University of Oxford**

Project 1. RECOVER QUAL: Rapid European SARS-COV-2 Emergency research Response (RECOVER): Qualitative interviews with patients and healthcare professionals.

The current COVID-19 pandemic has created a number of challenges for both patients and healthcare professionals in primary care. We are conducting a study in 8 European countries aimed to find out patients' and healthcare professionals' views and experiences of seeking medical help and providing care during the COVID-19 pandemic. More specifically, we want to: a) explore health care professional experiences on delivering care during the COVID-19 pandemic, including adaptations to service delivery such as telemedicine and their perceptions of personal risk; b) explore patient reports of help-seeking during the COVID-19 outbreak and perceptions of care received; c) find out differences in patient and healthcare professional views and experiences in different EU countries.

The student will have an opportunity to learn about collecting and analysing qualitative data as part of a pan-European project funded by the European Commission and gain an understanding of how behaviour change approaches can be applied in clinical practice. There might also be an opportunity to be involved in writing a paper based on these findings.

Previous training: Interest in qualitative interviews; interest in applying psychology in clinical practice

Supervisory team: Dr Marta Wanat, Dr Sarah Tonkin-Crine

Marta.wanat@phc.ox.ac.uk sarah.tonkin-crine@phc.ox.ac.uk

Project 2. Chronic obstructive airways disease- Secondary analysis of trial data

This project offers an intern the opportunity to work with Professor Chris Butler and the University of Oxford Primary Care Infections Research Team to conduct clinically important secondary analysis of a randomised controlled clinical trial that was recently published in the New England Journal of Medicine. The focus will be on predicting those patients in the trial who benefited from various treatments and considering whether there are any clues as to which patient features might predict an and early recurrent exacerbation of the chronic obstructive airways disease. Chronic obstructive airways disease is one of the world's leading causes of morbidity and mortality, is and is also an important reason why antibiotics are widely used., but some of these antibiotic prescriptions do not help patients. Unnecessary use of antibiotics impacts on antibiotic resistance, and this work might help

us further refine which patients are best suited to particular treatments. The project will involve learning how to manipulate clinical trial data in a statistical package, reviewing existing relevant evidence, and drafting a manuscript.

Project 3. OpenPrescribing

Research and informatics platform with 130,000 users a year, research projects include work examining speed of adoption for new innovations, variation in care, new methods of outlier detection, use of open analytic methods (GitHub, Jupyter) in healthcare, data science in policy, and more.

Working with Ben Goldacre and DataLab team.

Ben.goldacre@phc.ox.ac.uk

Project 4. Clinical Informatics

The Nuffield Department of Primary Care is the home of the Royal College of General Practitioners (RCGP) Research and Surveillance Centre (RSC), a network of over 500 practices with data stretching back over 50 years. There is scope for projects in infections, particularly influenza, vaccine uptake and effectiveness, diabetes and a range of more contemporary areas such as frailty, social prescribing, homelessness and the general practice workshop.

Working with Simon de Lusignan and the Clinical Informatics team.