

# OXFORD-RCGP RSC DIRECTOR'S MESSAGE



YOUR WEEKLY UPDATE FROM PROF. SIMON DE LUSIGNAN,  
DIRECTOR OF THE OXFORD-RCGP RSC

## *Your Oxford-RCGP RSC Team: Dr Mark Joy*

I am a senior Statistician in the Clinical Informatics and Health Outcomes Research Group (CIHORG) in the Nuffield Dept. of Primary Care at Oxford University.

My first degrees were in Pure Mathematics from Warwick University (BSc, MSc) and my PhD was in the Mathematical Foundations of Neural Networks.

I began my academic career in Mathematics at London University but eventually became interested in modelling healthcare data after supervising an Applied Mathematics PhD in this area.

I have worked with Big Data, utilising HES (hospital outcomes data) as well as the Oxford-RCGP RSC network primary care data, both in the academic and commercial sectors. I have supervised 5 PhD students and 1 DPhil student and have taught courses in Mathematical and Statistics both at undergraduate and post-graduate level.

My main interest lies in the statistical analysis of longitudinal data, in particular survival analysis and causal inference using observational data. However, I have supported diverse projects whilst working with CIHORG.

Currently, I am statistical lead for an emulated trial investigating the possible link between all-cause dementia and shingles vaccination.



## PPI Events - Swindon and Oxford

Just a reminder that the Pandemic Sciences Institute in Oxford have invited us to speak at two of their upcoming events.

### Event Details:

'Let's Talk About: Surveillance' series, developed as a collaboration between the History of Science Museum and the Pandemic Sciences Institute in Oxford.

The first event is due to take place on Tuesday evening next week. We look forward to sharing our experience with you.

17<sup>th</sup> February - 7pm - STEAM Museum, Swindon - [Event Link](#)

## Join our Research team

**If you're passionate about the disease surveillance and vaccine effectiveness work, which we do in the RSC, we need you!**

We're recruiting for part time roles for experts with general practice experience in any of these areas:

- data quality (EMIS/Optum and TPP)
- analyses and/or research in respiratory illness
- evaluation of laboratory pathways and;
- digital innovation (i.e. EMIS/Optum, TPP and laboratory pathways).

If you're interested in working with us, please complete our online [Expression of Interest form](#) and we'll contact you to arrange a Teams meeting to discuss the work on offer.

## Article of the Week

### Exploring the Intensity and Continuity of Hospital Care for Patients With Long Covid: Evidence From an English Urban Healthcare System

Long Covid (LC) is a multisystem condition leading to a wide range of symptoms and often requiring treatment by several different clinical specialties. Patients with LC have reported difficulties in accessing care and a lack of coordination of their care, particularly in a hospital setting.

The objective was to determine the extent to which the intensity and continuity of hospital care changes for patients after they receive an LC diagnosis.

[Read the full article here](#)

