

# Research Skills Course

19 & 20 November 2018

Royal Papworth Hospital NHS Foundation Trust, Cambridge CB23 3RE

This two day Research Skills Course will give you a useful introduction to the practice, methods, theories regulations and key resources which clinical researchers can use to plan, design and conduct clinical research projects in the NHS. It is ideally suited for clinical researchers, clinical fellows, research nurses, research coordinators and research allied health professionals.

## How will I be taught?

The course is taught through a combination of lectures, practical sessions and discussion. You will learn how to conduct clinical research from initial idea to analysis of results.

## What will I be studying?

1. **Literature Searching:** This interactive session will introduce the fundamental principles of searching and reviewing the literature systematically and critically using IT sources such as NHS Evidence, PubMed & the Cochrane Library.
2. **Study Design:** From observational studies to interventional trials, this session introduces the key research designs of cross-sectional, longitudinal cohorts, case-control and randomised controlled studies.
3. **Funding:** Most research projects require funding; this session will teach you how to identify and apply for suitable research grants.
4. **Research Approvals:** A myriad of regulatory requirements awaits the clinical researcher: this session aims to demystify the process.
5. **Statistics:** Sample sizes, data analysis and interpretation of results are an integral part of quantitative research: this session will teach you the basic principles of statistics.
6. **Data Management:** This session will review the importance of actively managing your study data, and discuss some of the key elements required to do this.
7. **Health Economics:** This session identifies and discusses the key concepts and methods which underpin the economic evaluation of health care interventions.
8. **Study Management:** Course participants will learn the essentials of managing a research study from set up to dissemination of results.

## What will I be expected to do?

All attendees are expected to attend all aspects of the course and actively participate in the practical and discussion sessions.

## What is the status of this course?

This course awards 12 credits from the Royal College of Physicians (UK) external CPD scheme.

## What is the Fee?

The fee, for non-Papworth staff, is £250.00. The course is free for Papworth Hospital staff and offered at the discounted rate of £100 to all NHS employees within the CRN Eastern.

- The fee includes tuition from highly experienced researchers, a resource file for you to keep, an attendance certificate, refreshments and two lunches.

## How to Apply

For further information and to obtain an application form, please contact:

[lorraine.gargiulo@nhs.net](mailto:lorraine.gargiulo@nhs.net) or telephone 01223 639709



*The course has been approved for external credit for the CPD Scheme of the Royal College of Physicians of the UK (12 credits)*

*“Gave a good insight into the research process”*

*“Equipped me with the right tools for research”*