University of Liverpool
Clinical Trial Training for Investigators

Location: Guild of Students Library Room, University of Liverpool
Course dates: 16th – 20th September 2024
Course fee: £475, includes course materials, lunch and refreshments
CPD accredited: 30 points awarded for full week attendance
Individual day attendance available: Charged at £95 per day

Faculty includes experts in:
Clinical trials: Professor Paula Williamson, Dr Susanna Dodd
Statistics: Dr Richard Jackson, Dr Girvan Burnside, Professor Jamie Kirkham, Professor James Wason
Qualitative and recruitment research: Professor Peter Bower, Dr Kerry Woolfall, Dr Nicola Harman
Health economics: Professor Dyfrig Hughes

Overview
The number of clinical trials being conducted has increased, and the need for greater efficiency in design, conduct, analysis and reporting has been recognised in both the public and industry sector. The programme will include:
• Trial design
• Trial conduct
• Recruitment of trial participants
• Public and patient involvement
• Analysis and reporting
• Health Informatics
• Health economics

Prerequisites
Understanding of basic statistical concepts is assumed.

Target audience
This course is aimed at health and research professionals, particularly those aiming to become Chief Investigators.

Feedback from previous courses

“Speakers all knowledgeable / credible / approachable. Pitched at the right level.”

“The team is clearly very keen and worked hard to make the course happen.”

“The sessions on design and analysis were excellent and were very practical too.”

“The facilitators were excellent and to the point. The practical sessions made the lectures vivid.”

“Comprehensive overview, provided a basic understanding of most key issues I wanted to know about and many I hadn’t considered.”
<table>
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<tr>
<th>Date</th>
<th>AM SESSION (9.30-12.30)</th>
<th>PM SESSION (1.30-4.30)</th>
<th>Topics</th>
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| Monday 16th | What do you need to do to design a trial?  
Professor Paula Williamson, University of Liverpool | General design issues  
Dr Susanna Dodd, University of Liverpool | Identifying, defining and justifying the question; the importance of the protocol |
| Tuesday 17th | Introduction to different designs  
Dr Girvan Burnside, University of Liverpool  
Professor James Wason, Newcastle University | Recruitment of trial participants  
Dr Kerry Woolfall, University of Liverpool  
Dr Nicola Harman, University of Liverpool | Feasibility, external and internal pilot studies; pragmatic and explanatory designs, internal and external validity; sample size considerations |
| Wednesday 18th | Trial conduct (part 2)  
Dr Emma Bedson, Liverpool Clinical Trials Centre  
Mrs Tracy Moitt, Liverpool Clinical Trials Centre  
Mrs Emily Rees, Liverpool Clinical Trials Centre  
Mrs Sharon Kean, Liverpool Clinical Trials Centre  
Mr Tim Chater, Liverpool Clinical Trials Centre | Liverpool Clinical Trials Centre showcase | Ethical, legal and regulatory requirements; pharmacovigilance; barriers and facilitators to setting up sites; data sources; information systems and data management |
| Thursday 19th | Public and Patient Involvement  
Professor Peter Bower, University of Manchester | Keynote talk ‘How to be a good Chief Investigator’  
Professor Michael Jenkinson  
Trial conduct (part 1)  
Dr Ashley Jones, University of Liverpool | Basic principles of patient centred trials; evidence of benefit |
| Friday 20th | Analysis and reporting (part 1)  
Dr Richard Jackson, University of Liverpool | Analysis and reporting (part 2)  
Professor Dyfrig Hughes, Bangor University  
Professor Jamie Kirkham, University of Manchester | Key principles of trial analysis; intention to treat analysis; causal analysis; Basic principles of health economics; methods of economic evaluation; economic outcomes; good practice in trial reporting |