### Programme 16th September – 20th September 2019

**Location:** The Foresight Centre, University of Liverpool  
(please note the course will be held at the Clinical Trials Research Centre, Alder Hey Children’s Hospital on Wednesday 18th September)

| **Monday 16th** | **AM SESSION** | **What do you need to do to design a trial?**  
Professor Paula Williamson, University of Liverpool | Topics: Identifying, defining and justifying the question; the importance of the protocol |
| **PM SESSION** | **General design issues**  
Dr Susanna Dodd, University of Liverpool | Topics: Feasibility, external and internal pilot studies; pragmatic and explanatory designs, internal and external validity; sample size considerations |

| **Tuesday 17th** | **AM SESSION** | **Introduction to different designs**  
Dr Chris Sutton, University of Manchester  
Professor James Wason, Newcastle University/ Cambridge MRC Biostatistics Unit | Topics: Adaptive designs; trials of complex interventions; cluster randomised trials |
| **PM SESSION** | **Recruitment of trial participants**  
Professor Bridget Young, University of Liverpool  
Dr Nicola Harman, Clinical Trials Research Centre | Topics: Barriers and facilitators; effective recruitment and retention strategies; recruitment monitoring |

| **Wednesday 18th** | **AM SESSION** | **Trial conduct (part 1)**  
Dr Emma Bedson, Clinical Trials Research Centre  
Ms Katie Neville, Clinical Trials Research Centre | Topics: Ethical, legal and regulatory requirements; pharmacovigilance; barriers and facilitators to setting up sites; data sources; information systems and data management |
| **PM SESSION** | **Visit to the Clinical Trials Research Centre, Liverpool** | |

| **Thursday 19th** | **AM SESSION** | **Trial conduct (part 2)**  
Professor Catrin Tudur Smith, University of Liverpool  
Keynote talk ‘How to be a good Chief Investigator’  
Professor Tony Marson | Topics: Risk assessment; risk-based monitoring and safety monitoring; trial oversight committees |
| **PM SESSION** | **Public and Patient Involvement**  
Professor Peter Bower, University of Manchester  
Dr Claire Planner, University of Manchester  
Ailsa Donnelly | Topics: Basic principles of patient centred trials; evidence of benefit |

| **Friday 20th** | **AM SESSION** | **Analysis and reporting (part 1)**  
Professor Richard Emsley, King’s College London | Topics: Key principles of trial analysis; intention to treat analysis; adjustment for compliance; mechanisms evaluation; stratified medicine trials |
| **PM SESSION** | **Analysis and reporting (part 2)**  
Professor Dyfrig Hughes, Bangor University  
Dr Jamie Kirkham, University of Liverpool | Topics: Basic principles of health economics; methods of economic evaluation; economic outcomes; good practice in trial reporting |