

On-campus course 'Improving health by improving trials'

Programme 25th April – 29th April 2016

Location: University of Liverpool

Monday 25 th		Registration and coffee	
		Welcome, introductions and overview of course	
	AM SESSION	What do you need to do to design a trial? <i>Professor Paula Williamson, University of Liverpool</i>	Topics: Identifying, defining and justifying the question; the importance of the protocol
PM SESSION	General design issues <i>Dr Susanna Dodd, University of Liverpool</i>	Topics: Feasibility, external and internal pilot studies; early and later phase trials, pragmatic and explanatory designs, internal and external validity; sample size considerations	
Tuesday 26 th	AM SESSION	Introduction to different designs <i>Dr Chris Sutton, Lancashire Clinical Trials Unit</i> <i>Dr Lisa Hampson, Lancaster University</i> <i>Dr Thomas Jaki, Lancaster University</i>	Topics: Adaptive designs; trials of complex interventions; cluster randomised trials
	PM SESSION	Recruitment of trial participants <i>Professor Bridget Young, University of Liverpool</i> <i>Dr Nicola Harman, Clinical Trials Research Centre</i>	Topics: Barriers and facilitators; effective recruitment and retention strategies; recruitment monitoring
Wednesday 27 th	AM SESSION	Trial conduct (part 1) <i>Ms Helen Hickey, Clinical Trials Research Centre</i> <i>Dr Duncan Appelbe, Clinical Trials Research Centre</i> <i>Dr Emma Bedson, Clinical Trials Research Centre</i> <i>Miss Joanne Eatock, Clinical Trials Research Centre</i> <i>Ms Helen Gillard, Clinical Trials Research Centre</i>	Topics: Ethical, legal and regulatory requirements; barriers and facilitators to setting up sites; data sources; information systems and data management
	PM SESSION	Public and Patient Involvement <i>Professor Peter Bower, University of Manchester</i> <i>Dr Claire Planner, University of Manchester</i> <i>Ailsa Donnelly</i>	Topics: Basic principles of patient centred trials; evidence of benefit
Thursday 28 th	AM SESSION	Trial conduct (part 2) <i>Dr Catrin Tudur Smith, University of Liverpool</i> Keynote speaker on 'How to be a good Chief Investigator' <i>Professor Tony Marson, University of Liverpool</i>	Topics: Risk assessment; risk based monitoring; pharmacovigilance and safety monitoring; trial oversight committees
	PM SESSION	Visit to the Clinical Trials Research Centre, Liverpool	
Friday 29 th	AM SESSION	Analysis and reporting (part 1) <i>Dr Richard Emsley, University of Manchester</i>	Topics: Key principles of trial analysis; intention to treat analysis; adjustment for compliance; efficacy and mechanism evaluation designs; stratified medicine trials; causal modelling; setting results in context
	PM SESSION	Analysis and reporting (part 2) <i>Professor Dyfrig Hughes, Bangor University</i> <i>Dr Jamie Kirkham, University of Liverpool</i>	Topics: Basic principles of health economics; methods of economic evaluation; economic outcomes; good practice in trial reporting