MRC North West Hub for Trials Methodology Research and The North West Clinical Trials Collaborative

On-campus course 'Improving health by improving trials'

Programme 24th September – 28th September 2018
Location: University of Liverpool

Monday 24th		Registration and coffee	
		Welcome, introductions and overview of course	
	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 25th	**AM SESSION**	**Introduction to different designs** *Dr Chris Sutton, Lancashire Clinical Trials Unit* *Dr Thomas Jaki, Lancaster University*	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 26th	**AM SESSION**	**Trial conduct (part 1)** *Dr Emma Bedson, Clinical Trials Research Centre* *Dr Duncan Appelbe, Clinical Trials Research Centre* *Ms Katie Neville, Clinical Trials Research Centre*	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** *Professor Peter Bower, University of Manchester* *Dr Claire Planner, University of Manchester* *Ailsa Donnelly*	Topics: Basic principles of patient centred trials; evidence of benefit
Thursday 27th	**AM SESSION**	**Visit to the Clinical Trials Research Centre, Liverpool**	
	PM SESSION	**Trial conduct (part 2)** *Professor Catrin Tudur Smith, University of Liverpool* *Ms Helen Hickey, Clinical Trials Research Centre* **Keynote talk 'How to be a good Chief Investigator'** *TBC*	Topics: Risk assessment; risk based monitoring; pharmacovigilance and safety monitoring; trial oversight committees
Friday 28th	**AM SESSION**	**Analysis and reporting (part 1)** *Dr Lesley-Anne Carter, University of Manchester*	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