

JOB DESCRIPTION

Vacancy Ref: **A918**

Job Title:	Senior Research Associate in Medical Statistics	Grade: 7
Department/College:	Department of Mathematics and Statistics	
Directly responsible to:	Dr. Thomas Jaki (PI) on the MRC funded project “Heterogeneity in treatment effects: Can modelling techniques provide personalized prediction of treatment response and uncover groups of respondents?”.	
Supervisory responsibility for:	None.	
Other contacts		
Internal:	PhD students and other members within the clinical trials research group; colleagues in Department of Mathematics & Statistics.	
External:	Members of the broader research project team at the MRC Biostatistics Unit, Cambridge and collaborators in industry and public sector organisations.	
Major Duties:	<p>To conduct research, write publications and present at conferences. The role carries responsibility for ensuring that research activities are in line with project objectives, and has autonomy to ensure that objectives are met.</p> <ul style="list-style-type: none"> • To contribute to the research project, the primary aim of which is the development of methods and tools for estimating individual patient's treatment effect. • To work closely with the project team at Lancaster University. • To attend and contribute to project meetings with staff from the partner organisations involved in the project. • To publish in leading statistics and application journals and, where appropriate, to contribute to publications in these journals jointly with other members of the project. • To attend and contribute to meetings and conferences in the UK and abroad, • To develop R packages, including documentation, which implement the methodology for use within the project team and the wider community via submission to CRAN. • To undertake any other duties as may be requested by the PI, provided that these are appropriate to the grade of the post. 	