PERSON SPECIFICATION
Senior Research Associate in High-Dimensional
Longitudinal Methods
Vacancy Ref: A2844

Criteria	Essential/ Desirable	Application Form / Interview *
PhD (obtained or about to submit) or equivalent in statistics, machine learning or a related discipline.	Essential	Application Form
Interest in working with molecular and population health datasets.	Essential	Supporting Statement
Good written and oral communication skills.	Essential	Application Form/Interview
Solid programming skills in R, Python or a similar programming language.	Essential	Supporting Statement/Interview
Publication track record in the machine learning or statistical methods literature commensurate with career stage.	Essential	Application Form
Considerate and effective team worker	Essential	Interview
Experience working with longitudinal and/or molecular datasets.	Desirable	Supporting Statement/Interview
Experience developing and maintaining software implementations of statistical methods.	Desirable	Supporting Statement
Experience working with high-dimensional data.	Desirable	Application Form/Interview
Experience working with Gaussian processes.	Desirable	Application Form/Interview
Experience with Bayesian optimal experimental design techniques.	Desirable	Application Form/Interview

- **Application Form** – assessed against the application form and curriculum vitae. Evidence will be "scored" as part of the shortlisting process.
- **Supporting Statement** – assessed against additional information provided by the candidate. Evidence will be "scored" as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.