

PERSON SPECIFICATION
Postdoctoral Research Associate (Grade 6)
Drivers of Antimicrobial Resistance in Uganda and Malawi (DRUM)
Ref: A2515

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview *
A PhD or equivalent in a subject with a substantial quantitative components	Essential	Application Form
Previous experience of agent-based modelling of complex disease transmission	Essential	Supporting Statement
Strong programming skills in Python, R, C++ or other appropriate programming languages.	Essential	Supporting Statement
Good verbal and written communication skills	Essential	Application Form
Commitment to global health and epidemiological research in low- and middle-income countries	Essential	Supporting Statement/Interview
Demonstrable ability to publish, including the ability to produce high-quality academic writing.	Essential	Application Form/ Interview
Willing and able to travel within the UK	Essential	Supporting Statement/Interview
Willing and able to travel to field sites in Uganda and Malawi	Essential	Supporting Statement/Interview
Experience of efficient coding for computationally demanding problems (e.g. parallelization, algorithm optimization)	Desirable	Supporting statement/Interview
Ability to produce clean, maintainable computer code to aid reproducible research	Desirable	Supporting Statement/ Interview
Good team working skills	Desirable	Interview

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicants are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.