

**RESEARCH ASSOCIATE**

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
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| A thorough working understanding of the principles of Bayesian statistical inference | Essential | Supporting Statements/Interview |
| A PhD in statistical epidemiology or a related discipline | Essential | Application Form |
| Publications record appropriate to stage of career | Essential | Application Form |
| Experience in analysis and interpretation of epidemiological data | Essential | Supporting Statements/Interview |
| Effective computer programming skills in R and/or Python | Essential | Supporting Statements/Interview |
| The ability to present information in an accurate and appropriate format. | Essential | Supporting Statements/Interview |
| To convey an appropriate rationale and interest in applying for this particular post | Essential | Application Form |
| Ability to make use of accelerated computational architectures (GPU, TPU, etc) | Desirable | Interview |
| Ability to use modern high performance computing libraries (TensorFlow, Theano, PyTorch, etc) | Desirable | Interview |
| Effective interpersonal skills including evidence of working collaboratively within a team and providing appropriate guidance for colleagues | Desirable | Interview |
| Preparation of new studies including submissions for grants and obtaining external agreements such as ethical approval | Desirable | Application Form / Interview |

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* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicant 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.