

**PERSON SPECIFICATION**

**Vacancy Ref: 1059-24**

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| **Criteria** | **Essential/ Desirable** | **\* Application Form/ Supporting Statements/ Interview** |
| A PhD in Statistics, Machine Learning or closely related discipline, or soon to be completed. | Essential | Application Form |
| Good verbal and written communication skills. | Essential | Application Form / Supporting Statement/ Interview |
| Statistical computing skills, including programming in Python/Julia/R/C or equivalent languages. | Essential | Application Form / Interview |
| Effective interpersonal skills, including evidence of working collaboratively. | Essential | Application Form / Interview |
| Ability to work independently. | Essential | Application Form / Interview |
| Demonstrable ability to publish, including  the ability to produce high-quality academic  writing. | Essential | Application Form / Supporting Statement/ Interview |
| Previous research experience in areas relevant to the research programme. For example: Bayesian inference, computational statistics and statistical machine learning. This must include the ability to develop new statistical machine learning methodology. | Essential | Application Form / Supporting Statement/ Interview |
| Experience of working with external (non-academic) stakeholders | Desirable | Application Form / Supporting Statement/ Interview |
| Experience of developing research software packages in R/Python/Julia/C. | Desirable | Application Form / Supporting Statement/ 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.