**PERSON SPECIFICATION**

Vacancy Ref: A3309

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