

PERSON SPECIFICATION

Research Associate

Vacancy Ref: A2969

| Criteria | Essential / Desirable | Application Form / Supporting Statements / Interview* |
|---|-----------------------|---|
| Should demonstrate knowledge in: Stochastic Modelling either/or Heuristic algorithms | Essential | Supporting Statements / Interview |
| A PhD (or within three months from the completion of their PhD from the contract starting date) in Operational Research, Computer Science, Mathematics, Engineering or a related discipline | Essential | Application Form |
| Excellent computer programming skills | Essential | Supporting Statements / Interview |
| Familiarity with Operational Research Applications in Transportation and Logistics (preferably in Aviation and Rail Transportation) | Desirable | Application/supporting statements/interview |
| Publications record appropriate to stage of career including research publications in peer-reviewed journals | Desirable | Application Form |
| Ability to work both independently and as part of an interdisciplinary research team | Essential | Supporting Statements / Interview |
| Ability to present their work to a specialist audience | Desirable | Supporting Statements / Interview |
| Proven communication skills with non-specialist audiences | Desirable | Supporting Statements / Interview |
| Ability to present information in an accurate and appropriate format | Essential | Application Form |
| Must be willing to travel according to project needs (short visits) | Essential | Supporting Statements / Interview |
| Experience in analysis and interpretation of research results and work with large databases | Desirable | Supporting Statements / Interview |
| Experience in managing projects | Desirable | Supporting Statements / Interview |
| To convey an appropriate rationale and interest in applying for this particular post | Essential | Application Form |
| Uses appropriate styles and arguments to influence and negotiate satisfactory outcomes | Desirable | Interview |
| Preparation of new studies including submissions for grants and obtaining external agreements such as ethical approval | Desirable | Application Form / Interview |

* **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 e.g. award of a PhD. 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 competency based interview questions, tests, presentation etc.