

**PERSON SPECIFICATION**

**Research associate (grade 6) / Senior Research Associate (grade 7)**

**IN ULTRA-LOW TEMPERATURE PHYSICS**

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| Criteria | Essential/ Desirable | Application Form / Interview  |
| A PhD or equivalent in a relevant research area.  | Essential | Application Form |
| Working knowledge and practical research experience of measurements at low temperatures | Essential | Application Form/ supporting statement |
| Exposure to research at sub-mK temperatures, using dilution refrigerator and adiabatic demagnetisation techniques. | Desirable (grade 6), Essential (grade 7) | Application Form/ supporting statement |
| Exposure or experience in superfluid helium-3 physics relevant to the project. | Desirable  | Application Form/ supporting statement |
| Working knowledge and practical experience of development and implementation of low-temperature electronics. | Desirable | Application Form/ supporting statement |
| Working knowledge and practical experience of computerised control of experimental instrumentation, data acquisition and analysis. | Essential | Application Form/supporting statement |
| Evidence of publishing results in good journals and dissemination at international conferences. | Desirable | Application Form/ supporting statement |
| Evidence of giving presentations at international conferences or workshops. | Desirable | Application Form/ Interview |
| Ability to work under own direction and within a team, including students, other PDRAs, academics and collaborators. | Essential | Interview/supporting statement |
| Willingness to liaise with international partners and drive collaboration. | Desirable | Interview |
| Ability to take a leading role in a research team, to utilise funding opportunities, and to drive publication work. | Desirable (6), Essential (7) | Application Form/supporting statement/interview |

* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Evidence will be “scored” as part of the shortlisting process.
* **Supporting Statement** - 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.