

PERSON SPECIFICATION

Ref: A2229

Criteria	Essential/ Desirable	Application Form/ Interview
A PhD in Physics, Chemistry, or closely related subject (grade 7) and substantial post-doc experience (grade 8).	Essential	Application Form
Established research theme and trajectory in electrochemistry	Essential	Application Form
Experience in design and optimization of experimental setups	Desirable	Application Form
Operation and maintenance of Ultrahigh Vacuum systems	Desirable	Application Form
Experience of single crystal handling: surface preparation, film deposition, electron diffraction, imaging, spectroscopy, ...	Desirable	Application Form
Experience in electrochemical in-situ analytical methods, e.g., Differential Electrochemical Mass Spectrometry (DEMS), in-situ X-ray diffraction, FTIR spectroscopy, ...	Desirable	Application Form
Some (grade 7) or substantial (grade 8) evidence of international peer esteem	Essential	Application Form
A strong record of publication of research results in international journals and conferences.	Essential	Application Form
Experience (grade 8) or potential (grade 7) for successfully securing research funding from a range of sources, comparative to career history	Essential	Application form
A strong motivation for and/or existing track record of engaging in inter-disciplinary research agendas	Desirable	Application Form/ Interview
Ability to contribute to teaching in Higher Education including module design, curriculum development and student supervision, as appropriate to career history	Essential	Application Form
Experience of teaching in multi-cultural settings	Desirable	Application Form
Evidence of ability to work as a part of a team	Essential	Application Form/ Interview
A high degree of motivation within the discipline and a strong desire to work in a thriving research culture	Essential	Interview
The ability and motivation to contribute to administrative duties relevant to the effective running of the Department	Essential	Interview
A track record of successful PhD supervision and mentoring others in research and teaching (grade 8)	Desirable	Interview
The ability to create opportunities for Third Mission activities	Desirable	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.

Interview – assessed during the interview process by either competency based interview questions, tests, presentation, etc.

An ability to communicate how your skills/experience address the requirements for this post and a clear rationale for wanting to be at Lancaster	Essential	Interview
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