

## Department of Chemistry

### Research Associate in Plasma Health

Ref: A2510

Criteria	Essential/ Desirable	Application Form / Interview *
A PhD (or expected to be awarded by time of appointment) in a Physical or Biomaterial Science	Essential	Application Form
Research experience in cold plasma jets or plasma thin film deposition	Essential	Supporting Statements/ Interview
Experience in some aspect of plasma medicine	Essential	Supporting Statements/interview
The ability to present information in an accurate and appropriate format.	Essential	Application Form / Interview
Experience of undergraduate research project management	Essential	Supporting Statements/ Interview
Experience of working independently	Essential	Interview
Experience of working co-operatively and flexibly with colleagues	Essential	Interview
Evidence of prior scientific publications as first author	Essential	Application Form/ Interview
Surface analytical techniques (e.g. characterisation of plasma thin films)	Desirable	Supporting Statements/ Interview
Knowledge of the principles of cell culture	Desirable	Supporting Statements/ Interview
Experience in micro-biological techniques (e.g. <i>S. aureus</i> and <i>P. aeruginosa</i> ) and in vivo infected wound models	Desirable	Supporting Statements
Experience of Scanning and Transmission Electron Microscopy on polymers and biological substrates	Desirable	Application Form/ Interview

- **Supporting Statement** – assessed against additional information provided by the candidate. Evidence will be “scored” as part of the shortlisting process.
- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Evidence will be “scored” as part of the shortlisting process.
- **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.

