

**SENIOR RESEARCH ASSOCIATE**

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| --- | --- | --- |
| A thorough working understanding of experimental techniques in electrochemical biosensors | Essential | Supporting Statements/Interview |
| A degree in Chemical Engineering, Materials Engineering, Chemistry, Nanotechnology or related discipline. A PhD (or near completion) in electroactive materials, nanomaterials, electrochemical sensor technologies or a similar area. | Essential | Application Form |
| Demonstrable publication record of research in a relevant area. | Essential | Application Form |
| Demonstrable ability to collect, analyse and interpret experimental data, especially electrochemical and nanomaterial synthesis and characterisation. | Essential | Supporting Statements/Interview |
| The desire and flexibility to work with external collaborators and the willingness to travel within the UK and internationally when appropriate. | Essential | Supporting Statements/Interview |
| Good verbal, communication and interpersonal skills.Experience in teamwork and contributing to a collaborative effort. | Essential | Supporting Statements/Interview |
| Experience in dealing with carbon-based nanomaterials and redox nanocomposites  | Desirable | Supporting Statements/Interview |
| Experience in working with protein conjugation and immobilisation | Desirable | Supporting Statements/Interview |
| Experience in electrode modifications for electrochemical biosensor applications | Desirable | Supporting Statements/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 eg award of a PhD. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicant 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.