

PERSON SPECIFICATION – Senior Research Associate for the REACTION Project

Vacancy Ref: A3594

Job Title:	Research Associate	Present Grade:	6
Department/College:	Engineering Department		
Directly responsible to:	Dr Michael Aspinall		

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
Research experience using Monte Carlo particle transport code.	Desirable	Supporting Statements / Interview
Research experience in mixed-field radiation detectors at post-doctoral level or equivalent, including experience of working with real-time analytical systems.	Desirable	Supporting Statements / Interview
Willing to conduct research whilst on site at nuclear facilities, research laboratories and businesses in the UK, Europe and worldwide for up to two weeks at a time.	Essential	Supporting Statements / Interview
Ability to work independently, to adhere to deadlines and reach milestones, and to assist with the technical project management.	Essential	Supporting Statements / Interview
Effective interpersonal skills including evidence of working collaboratively within a team.	Essential	Supporting Statements / Interview
Ability to represent Lancaster University and the REACTION consortium as a whole at national and international meetings related to the project.	Essential	Supporting Statements / Interview
Demonstrable ability to publish, including the ability to produce high-quality academic writing appropriate to career stage.	Essential	Application Form
Have hands-on practical experience of working with radiation detector systems in national and international laboratories or nuclear licensed sites.	Desirable	Supporting Statements / Interview
Ability to provide supervisory input to the team, particularly with regards to PhD student supervision.	Desirable	Supporting Statements / Application Form
Vision and imagination necessary to develop own research profile within the research group.	Desirable	Supporting Statements / Interview
To convey an appropriate rationale and interest in applying for this particular post.	Essential	Application Form

- **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** - 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.