PERSON SPECIFICATION PDRA GRADE 6/7
Post-doctoral Research Associate in Nonlinear and Biomedical Physics
Conduction and selectivity between monovalent ions within the potassium channel
Vacancy Ref: A2647

Criteria	Essential/ Desirable	* Application Form/ Supporting Statements/ Interview
A PhD in Physics or related discipline (or PhD thesis already submitted, for Grade 6)	Essential	Application form
Scientific publications	Essential	Application form
General theoretical background including knowledge of nonlinear dynamics and theory of stochastic processes	Essential	Application form and supporting statements
Experience of physics applied to biological processes, including ion channels	Essential	Application form and supporting statements
Experience of model building and simulation at the Brownian dynamics level	Desirable	Application form and supporting statements
Ability to write well in English, including drafting scientific papers and reports	Desirable	Application form and supporting statements
Good organisational ability	Desirable	Application form and supporting statements
Ability to relate well to other people and to collaborate constructively	Desirable	Interview and supporting statements

*

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence eg award of a qualification. Will be "scored" as part of the shortlisting process.
- **Supporting Statements** - 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.