|  |  |  |
| --- | --- | --- |
| Human Resources |  | Date of Completion: 02/05/2018Page: 1 of 1 |

|  |
| --- |
| **PERSON SPECIFICATION****Assessment for recruitment requirements and competencies** |

|  |  |
| --- | --- |
| **POST TITLE:** | Senior Beamline Scientist, B24 |
| **DIVISION/DEPARTMENT:** | Science / Life  |
| **REPORTS TO:** | Principal Beamline Scientist (PBS)  |

|  |  |  |
| --- | --- | --- |
|  |  | **SPECIFY ESSENTIAL (E) DESIRABLE (D)** |
| **SKILLS/ABILITIES** | * Good interpersonal, communication and presentation skills;
 | E |
|  | * Ability to interact effectively and diplomatically with staff and facility users at all levels;
 | E |
|  | * Ability to design, plan, organise and implement projects and tasks within an allotted timeframe;
 | E |
|  | * Ability and initiative to get to the heart of the problem and take it effectively through to completion;
 | E |
|  | * Ability to work as part of a multi-disciplinary team;
 | E |
|  | * Good organisational and planning skills and methodical record keeping;
 | E |
|  | * Self-motivation;
 | E |
|  | * Ability to work flexibly with occasional weekend and out of hours working;
 | E |
|  | * Ability to lead own research project including budget and resource management.
 | E |
| **KNOWLEDGE**  | * Significant experience in beamline instrumentation and X-ray applications development;
* Experience in correlative imaging;
 | EE |
| **AND** | * Relevant X-ray Imaging experience;
 | D |
| **EXPERIENCE** | * 3 years post doctoral or equivalent experience;
 | E |
|  | * Demonstrated track record in structural biology/biological imaging;
* Experience in structural/cell biology techniques;
 | DE |
|  | * Commissioning and operation of instrumentation/microscopes for imaging;
* Experience of working with cryopreserved biological samples;
 | ED |
|  | * Experience with use of flexible experimental setups and/or sample environment equipment;
 | D |
|  | * Knowledge of instrumentation and optics for imaging using X-ray or light microscopy;
 | E |
|  | * Project management;
* Experience in running a user facility;
 | ED |
|  | * Experience with Windows/Linux/Unix;
 | E |
|  | * Knowledge of scientific programming and/or motion control.
 | D |
| **PROFESSIONAL QUALIFICATIONS/** | * Appropriate PhD degree or equivalent qualification or proven relevant experience.
 | E |
| **TRAINING** |  |  |
| \*Where a job requirement |  |  |
| **COMPETENCIES** e.g. Technical,  | * Experience with 3D printing technology;
 | D |
| Professional, Management, Other | * Supervision of research students or staff .
 | D |
|  |  |  |