

Person Specification: Research Project Manager

Description	Essential	Desirable	A/I
Communication & Relationship Skills	Regularly communicates research findings and technical scientific information through peer-reviewed journal publications and conference presentations.		A / I
	Ability to work successfully and co-operatively as part of a multidisciplinary team.		A / I
	Excellent verbal and written communication skills.		A / I
	Maintain regular communication and a strong working relationship with clinical and scientific collaborators.		A / I
Knowledge, Training & Experience	Master's degree or equivalent in Mathematics, Engineering, Physics or Computer Science.	PhD or equivalent in Mathematics, Engineering, Physics or Computer Science.	A / I
	Experience in research project management.		
	Knowledge and experience of research ethics frameworks, protocols, consent forms, patient information sheets.		
	Knowledge of EU and UK research study regulations and frameworks, principles of good clinical practice and GDPR requirements.		
	Ability to understand, make recommendations on, teach and convey research governance issues to different levels.		
	Ability to handle commercial and confidential information appropriately.		
	High quality academic research within implant science.		A / I
	Publications as first author in internationally refereed journals on topics described in the Job Description.		A / I
	Work within a clinical-engineering environment.		A / I

	Be able to exchange and present complex scientific information to peers in large groups (e.g. conferences).		A / I
	Excellent specialised knowledge of orthopaedic implant design and implant analysis.		A / I
	Excellent analytical skills and the ability to interpret complex data sets.		A / I
	Ability to plan and manage research projects.		A / I
	Operation of specialised metrology equipment and software.		A / I
	Supervision and training of research staff/students in lab.		A / I
	Ensure safe use of research equipment by other lab users.		A / I
Analytical & Judgment Skills	Analysis & interpretation of complex clinical and scientific research results.		A / I
	Running and supporting research projects and trials on the theme of orthopaedic implant analysis.		A / I
Planning & Organisational Skills	Ability to work on own initiative without close supervision.		A / I
	Ability to work autonomously and as a team.		
	Ability to work to deadlines with excellent time management skills.		
IT skills	Responsible for database management for research projects.		A / I
	Ability to use computer software to generate reports on clinical and scientific data.		A / I
	Advanced IT skills required to support a wide range of document preparation will require expertise with a computer keyboard and a good understanding of Microsoft project software.		
	Dexterity - extensive PC skills required to create / up-date project plans using Microsoft Office applications.		
Responsibility for Equality, Diversity and Inclusion	Demonstrable commitment to anti-discriminatory and inclusive behaviours and practices		A / I
Responsibility for Policy/Service Development	Ensures implementation of policies, proposes changes to practices for work area.		A / I

	Ability to write concise specifications and documents to tight deadlines.		
Responsibility for financial & physical resources	Responsible for the safe use of research equipment by other lab users.		A / I
	Responsible for ordering consumables and supplies relating to research projects.		A / I
	Responsible for oversight of relevant budgets relating to research studies.		
Responsibility for Research & Development	Develop and lead research projects relating to implant science.		A / I
	Keep abreast of relevant developments and new techniques, maintaining a detailed awareness of current topics important to this field.		A / I
Freedom to Act	Works independently and autonomously.		A / I
	Leads research projects.		A / I
	Undertake such duties as may be required from time to time as are consistent with the responsibilities of the grade and the needs of the service.		A / I
Mental Effort	The use of microscope and other research analysis equipment for lengthy periods, requiring prolonged periods of concentration.		A / I
Emotional Effort	May have occasional indirect exposure to distressed patients, young patients, and carers.		A / I