

# Job Description



<b>Job Title:</b>	<b>Senior Interaction Designer</b>
<b>Post Number:</b>	<b>NP080XX</b>
<b>Department</b>	<b>PDR</b>
<b>Location:</b>	<b>Llandaff Campus</b>
<b>Grade:</b>	<b>Grade 6AB</b>
<b>Salary:</b>	<b>£34,189.00 - £38,460.00 per annum</b>
<b>Tenure:</b>	<b>Permanent</b>
<b>Hours</b>	<b>37 hours per week</b>

## **Role Summary:**

The International Centre for Design and Research (PDR) is a leading European multidisciplinary design and development research centre. Combining both an award winning consultancy and a highly rated research function.

PDR works closely with industry to provide advice, expertise and consultancy on the full spectrum of activities and processes required to bring new product opportunities to market efficiently and effectively.

Since 2008 PDR has undertaken a drive to develop user-centric design (UCD) capabilities through research and enterprise activities. Since its inception, the UCD group have quickly become established in providing both commercial services and producing research activities.

This role is to expand the capabilities of the UCD group through proven experience of designing interactive devices from inception to market.

## **Recent relevant project examples include:**

User interface design for Anaesthetic Gas delivery device

Web-based depression medication monitoring service design and testing – P1vital Predict  
<http://pdronline.co.uk/Portfolio/p1vitalr-predict-test>

Concept development, design and testing of a web based financial savings product.

Design and interactive prototyping of smart pressure area care mattress pump – Direct Healthcare Services  
<http://pdronline.co.uk/Portfolio/smart-response-pump>

**Principal Duties and Responsibilities:**

1. Undertake full project management responsibility for projects as directed by the UCD Manager. All project management activity to comply with PDR ISO guidelines and ensure good client liaison, budget management and the completion of project deliverables to agreed timescales.
2. Deputise for the UCD Manager in reporting and oversight of UCD activity to the PDR Director and senior management team.
3. Contribute and partake in client liaison and business development of UCD commercial activity including marketing and promotional work within locations in the UK and offshore. This may typically include exhibitions, public speaking and seminar presentation and workshop facilitation.
4. Liaison and discussion with industrial clients, typically at senior management level, to identify commercial project needs and to construct costed commercially viable and client ready work proposals and quotations.
5. To develop a strong working relationship with current and prospective future commercial clients at a senior level and ensure effective client liaison is continually adhered to
6. Take a lead role in the planning, design, prototype, test and iteration of interface design projects using current UCD and UX design approaches.
7. Manage multiple interaction design projects at any one time and manage time and management of resources effectively with support from the UCD Manager including individual consultancy project budget management.
8. Meeting clients, typically at senior management level, to discuss, negotiate and identify their needs and to interpret and translate these into agreed project proposals
9. Ensuring all necessary client communication and follow-up action has been adhered to such as enquiry processing and delivery and discussions around quotation/design proposal for new contract research & consultancy.

10. To assist in the analysis of contract research findings, translate and report insights into new product and market opportunities to clients at a senior management level across the UK and EU.
11. Ability to demonstrate and apply experience and knowledge of relevant standards and documentation relating to the development of medical devices.
12. To assist in the review and selection of appropriate research methods (including qualitative and quantitative UX related research methods) and tailoring these to project needs.
13. Maintain and adhere to ISO 9001 procedures within PDR.
14. Other duties that may be reasonably assigned

**Additional Information:**

***Standard Notification***

**These guidelines are provided to assist you in the performance of your contract. The university is a dynamic organisation; therefore changes may be required from time to time. Any changes will be made in consultation with the post-holder. The Summary of Duties and Responsibilities is not intended to be an exhaustive list of tasks performed. Other associated technical tasks are likely to be performed as directed by the line manager.**

**It is accepted that individual staff will have a specialist skills and knowledge base in relation to the role they have been appointed to. In addition to this, Cardiff Metropolitan University expects that all staff will conduct themselves in a professional and courteous manner at all times and have particular regard for their responsibilities under Cardiff Metropolitan University's Equalities, Financial, Environmental and Sustainability, Human Resources and Health and Safety policies and procedures.**



**PERSON SPECIFICATION**

Post: Senior Interaction Designer

Unit/School: PDR

\*Key

A - Application form

I - Interview

T/P - Test/Presentation

FACTORS	ESSENTIAL AND DESIRABLE CRITERIA	ASSESSED BY		
		A*	I*	T/P*
Education & Qualifications (Essential)	<ul style="list-style-type: none"> <li>Degree in Product/Industrial Design, Interaction Design, Usability Engineering or related subject.</li> </ul>	A		
Education & Qualifications (Desirable)	<ul style="list-style-type: none"> <li>Masters degree of other postgraduate qualification with relevance to Interaction Design methodologies and practices.</li> </ul>	A		
Knowledge (Essential)	<ul style="list-style-type: none"> <li>Knowledge and experience of designing interfaces from inception, through prototyping and testing to design sign-off</li> <li>Knowledge of Interactive Prototyping technologies and techniques</li> </ul>	A A	I I	P
Knowledge (Desirable)	<ul style="list-style-type: none"> <li>Knowledge of designing interfaces for a variety of applications</li> <li>An interest in designing interfaces of Medical Devices including knowledge of relevant human factors standards and usability</li> <li>Knowledge of UCD methodologies</li> </ul>	A A	I I I	
Skills & Abilities (Essential)	<ul style="list-style-type: none"> <li>Graphic design software eg Illustrator</li> <li>Interactive prototyping software e.g. Axure, Invision Adobe XD</li> <li>Effective organisational &amp; interpersonal skills</li> <li>Ability to prioritise tasks, meet deadlines</li> <li>Ability to manage multiple projects and delegate task across a team.</li> <li>Highly self-motivated</li> <li>Ability to write and present complex subject matter</li> <li>Flexible work ethic with the ability to work both independently and as part of a team.</li> <li>Well developed communication skills</li> </ul>	A A A A	I I I I I I	

Skills & Abilities (Desirable)	<ul style="list-style-type: none"> <li>Prototyping platform software skills such as Arduino SDK</li> </ul>		I	
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FACTORS	ESSENTIAL AND DESIRABLE CRITERIA	ASSESSED BY		
		A*	I*	T/P*
Experience Paid/Unpaid (Essential)	Experience in planning and executing interaction design studies and related user research and testing	A	I	
Experience Paid/Unpaid (Desirable)				
Other Requirements (Essential)	<p>*The appointment of the successful applicant will be subject to a Disclosure and Barring Service check (DBS, previously CRB).</p> <ul style="list-style-type: none"> <li>Flexible in working hours</li> </ul>			
Other Requirements (Desirable)	<ul style="list-style-type: none"> <li>Full UK driving license</li> </ul>	A		

\*Please note that a criminal record may not necessarily be a bar to obtaining employment in Cardiff Metropolitan University. For further information on Disclosure and Barring Service (DBS, previously CRB) please go to <https://www.gov.uk/crb-criminal-records-bureau-check>