

**Job Description**

**Senior Research Associate (EPSRC ‘Socksess’ Project)**

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| **Job Title:** Senior Research Associate | **Present Grade:** 7 |
| **Department/College:** Lancaster Medical School, Faculty of Health and Medicine | |
| **Other contacts** | |
| **Internal:**Prof. Neil Reeves. Members of staff within Lancaster medical School, Faculty and University and colleagues within the Department of Computing and Communications.  **External:** To work in close partnership with Dr. Giorgio Orland and Dr. Prabhuraj Venkatraman at the Manchester Metropolitan University. To work directly with clinical colleagues at the Manchester University NHS Foundation Trust. To Liaise with project collaborators Prof. Peter Culmer and Dr. Rory Turnbull at the University of Leeds. | |
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| **Major Duties:**  To undertake gait laboratory testing with a cohort of people with diabetes. This will include:   1. Work with colleagues at the Manchester University NHS Foundation Trust and Tameside and Glossop Integrated Care NHS Trust to support participant recruitment. 2. Organising, setting up and calibrating gait laboratory equipment. 3. Liaising with study participants and arranging laboratory visits. 4. Conducting measurements of gait biomechanics with participants. 5. Testing participants on a treadmill instrumented with force platforms and pressure system. 6. Undertaking measurements using a 3D motion analysis system and force platforms. 7. Analysing data and dissemination. 8. Engage with the wider project team as required.   With supervision, the key activities of the Senior Research Associate are to:   * Lead on data collection and analysis of study results. * Understand and operate laboratory equipment safely and in line with study procedures and ethical permissions. * Work closely with key members of the project team to understand operation of the smart sensing socks and oversee appropriate testing with participants. * Manage the project workflow and key tasks with support and integration with the wider project team. * Work with clinical colleagues to ensure recruitment of participants with diabetes. * Attending meetings and engaging with the project team and wider project partners. * Assisting in the preparation and presentation of publication(s) for peer reviewed journals. * Contribute to other project activities as necessary which could include. * Make a major contribution to the preparation of data updates, ethics reports and other project reports. * Ensure the study is conducted in line with ethics and governance procedures and approvals.   Additional responsibilities:  To attend meetings specific to the project and general meetings including:   * Regular internal and external project meetings with member of the project team. * Relevant internal meetings of Lancaster Medical School and Faculty of Health and Medicine at Lancaster University. * To attend training specific to the project and undertake research in the relevant fields. * Undertake any other duties as required by Head of Division or nominated representative.   Specific requirements   * The postholder will be expected to undertake laboratory testing at the Manchester Metropolitan University with the specialist facilities. * Some travel will be required as part of the post, mainly to Manchester (the Manchester Met University and Manchester University NHS Foundation Trust) and Lancaster University. | |