

# Foundation Job Description

Foundation School		
LNR -L069		
Grade (F1 or F2)	Specialty <i>If General (Internal) Medicine OR General Surgery, please provide a sub-specialty</i>	Sub-specialty (if appropriate) <i>If General (Internal) Medicine OR General Surgery, please provide a sub-specialty</i>
F2- EMD/RWEAK/017/F2/001	Diabetes and Endocrinology	
Trust		Site
University Hospitals Leicester		Leicester General Hospital Leicester Diabetes Centre (LDC) - including NIHR Patient Recruitment Centre (PRC)
Main Duties		
<p>The Leicester Diabetes Centre (LDC) is a dedicated research unit with a track record in delivering world-leading clinical research. Notably, whilst diabetes is a prominent specialty focus, studies conducted within the centre are not restricted to those in diabetes and include important portfolios of work in obesity and other long-term conditions. The LDC hosts prestigious National Institute for Health Research (NIHR)-funded infrastructure, including the Leicester Biomedical Research Centre and the Patient Recruitment Centre. The BRC comprises three core research themes (Lifestyle, Cardiovascular and Respiratory), delivering experimental research studies across these themes. The lifestyle theme of the BRC is based at the LDC, with close collaboration with Loughborough University as an external partner. The PRC, supports large, industry-funded commercial clinical trials, with no restriction on clinical specialty. For example, the PRC recently recruited 600 participants into a COVID-19 vaccine trial, alongside important studies in various other clinical groups. Studies within the BRC and wider department include those investigating novel diabetes technology, immuno-therapy for new onset diabetes, interactions between drug and lifestyle behaviours in the management of long-term conditions and developing interventions for managing type 2 diabetes in young adults.</p> <p>The trainee will be based within the LDC and will have the opportunity to be involved with several academic and commercial research studies being carried out within the department, including those within the PRC and BRC.</p> <p>Main duties will include:</p> <ul style="list-style-type: none"> <li>• Undertaking informed consent processes, including explaining research studies to participants.</li> <li>• Performing clinical assessments within studies, including medical examination, and other procedures.</li> <li>• Duties associated with the care of the research participants, to support the delivery of the research projects and interventions being tested.</li> <li>• Contribution to research outputs (e.g. journal articles, conference abstracts) and/or new funding applications (if/where appropriate).</li> </ul> <p>Key clinical skills being used in studies will include review of medical history, phlebotomy, ECG, managing exercise tests (for safety screening and assessment of aerobic capacity) and strength and frailty assessments, alongside screening (e.g. medical examination) and delivery of care as mentioned above. There will also be the opportunity to shadow clinical colleagues during their clinical duties and see patients in clinics, where the trainee will get the opportunity to take histories and evaluate people with diabetes and make management plans under supervision of the clinical supervisors. Notably, the clinics will offer a unique opportunity to see people using the latest diabetes technology, pregnancy in diabetes, and management of obesity and type 2 diabetes. The trainee will also learn to work in a multidisciplinary team, work to protocols, but also develop</p>		

clinical judgement, communication and time management skills that are transferable to other areas of medicine. The trainee will gain valuable insight and experience around grant writing and for publication.

### Example Timetable

**For example: W/R (Outpatients), MDT, Meetings, X-Ray Conference etc.**

	Mon	Tues	Weds	Thurs	Fri
<b>AM</b>	Clinical Trial work	Clinical shadowing within secondary care clinics / F2 teaching (alt. weeks)	Clinical Trial Work	Clinical Trial Work	Clinical Trial Work
<b>Lunchtime</b>					
<b>PM</b>	Research and Study Specific Training	Clinical Trial Work / SDT time (alt. weeks)	Clinical Trial Work	Specialty Based Research Team Meetings	Clinical Trial Work

### Educational Activities:

The trainee will receive training to achieve foundation level professional competencies in essential areas such as clinical assessment, holistic planning, communication and care, along with skills in quality improvement and understanding medicine. Training will be provided to enable trainees to understand and follow detailed research protocols and with this will come an in-depth understanding of disease, alongside shadowing activities across UHL secondary care clinics for long-term conditions (e.g. type 1 and type 2 diabetes, obesity, lipids etc). The trainee will be expected to complete essential training, including GCP, informed consent and data governance. They will also have the opportunity to be involved in study monitoring and audit as part of research governance. There will be study specific training available for each study that will include important clinical skills. Training in other important areas such patient and public involvement and cultural competency in research training will also be supported, through the BRC and the University of Leicester Centre for Ethnic Health Research (also hosted at the LDC).

Each trainee will be assigned a named clinical supervisor who will oversee the activities and ensure that they have appropriate training and supervision. We have three clinical leads within the research team, Prof Melanie Davies, Prof Pratik Choudhary and Dr David Webb. Each will provide clinical supervision for one of the trainees. The LDC also has a vast multidisciplinary team who will provide support and guidance in other areas of learning and development. For example, this includes specialised research nurses, dietitians, physiotherapists, health psychologists, exercise physiologists and clinicians. Alongside study-specific operational meetings, the trainee will be expected to attend the monthly education and governance meetings and the monthly Mortality and Morbidity meetings, as well as weekly multi-disciplinary meetings that provide fantastic training opportunities.

### Other Comments (if appropriate):

**Disclaimer:** Please note that the placement information provided is subject to change.