# ACF Diabetes and Endocrinology Programme Details in conjunction with University of Liverpool

## Post availability

There is one post available in **Diabetes and Endocrinology**

## Overview

You can find generic information about Academic Clinical Fellowships in the North West plus links to the National Institute for Health Research's guidance via https://www.nwpgmd.nhs.uk/nihr-academic-clinical-fellowships-glance

This post is based at Aintree University Hospital, part of Liverpool University Hospitals NHS Foundation Trust (LUHFT), within the Department of Diabetes and Endocrinology, with clinical rotations across the Northwest region, but predominantly Aintree-based. The academic component is based at the University of Liverpool, within the Institute of Life Course and Medical Sciences. This post will enable the candidate to develop the first stages of a clinical academic career in diabetes and endocrinology.

The University of Liverpool is well established as a globally focused institution and has a long international history across research and teaching activity. LUHFT is one of the largest acute trusts in the North West, providing specialist and general hospital care to people across Merseyside and beyond.

## Academic Training

The candidate will be supported by the University of Liverpool's Integrated Academic Training programme (joining with other ACFs across specialities for post-graduate research training). You will have 25% of protected research time supervised by an academic GP based at the University of Liverpool.

The post will be best within the Liverpool Centre for Cardiovascular Sciences (LCCS) with a strong focus on cardiovascular disease and metabolic health. Our goal is to improve the prevention, diagnosis and treatment of obesity, diabetes and endocrine disease, and to reduce the burden of these conditions on patients and our local populations.

The department engages in scholarly activity to develop the understanding, models and interventions that underpin metabolic and endocrine healthcare, spanning basic and translational science, clinical trials, and population and health services research. We use a variety of approaches including clinical trials, big data sets and AI-based tools.

**Research Areas / Research Environment**

Research for this post is being led by Professor Daniel Cuthbertson and Dr Uazman Alam, working within the Department of Diabetes, Obesity and Endocrinology at Aintree and the University's Department of Cardiovascular and Metabolic Medicine. The group's work spans the mechanisms, consequences and treatment of obesity and its cardiometabolic complications.

Their outputs include studies of obesity- and diabetes-related complications such as metabolic dysfunction associated steatotic liver disease (MASLD), obstructive sleep apnoea (OSA) and polyendocrine metabolic syndrome (PMOS) and microvascular and macrovascular complications e.g. neuropathy, retinopathy and cardiovascular disease (CVD).

They make use of large-scale real-world data, such as UK Biobank, TriNetX and CPRD to gain mechanistic insight.

Trainees will join this active programme, with access to clinical facilities, research infrastructure and to develop their own research question within one of these areas. There is an active research agenda with an exisiting Academic Clinical Lecturer and three Academic Clinical Fellows alongside other PhD students, Clinical Fellows and CRN research staff.

**Research Facilities**

Research is supported by the University of Liverpool's Department of Cardiovascular and Metabolic Medicine and the Liverpool Centre for Cardiovascular Science (LCCS), a partnership with Liverpool Heart and Chest Hospital, Liverpool John Moores University and Liverpool Health Partners. Trainees will have access to the wider Liverpool research infrastructure, including LIMRIC, the NIHR Liverpool Clinical Research Facility, Liverpool Clinical Laboratories and the Clinical Sciences Centre at Aintree.

**Clinical Training**

You can find out more about the clinical training programmes in the North West via the following link - https://www.nwpgmd.nhs.uk/specialty-schools

Clinical person specifications can be found via the following link
https://www.liverpool.ac.uk/people/daniel-cuthbertson
https://www.liverpool.ac.uk/people/uazman-alam

**Useful Links**

https://www.oriel.nhs.uk/Web/Vacancies
https://www.nwpgmd.nhs.uk/nihr-academic-clinical-fellowships-glance
https://medical.hee.nhs.uk/medical-training-recruitment/medical-specialty-training/person-specifications/person-specifications-2025
https://www.nwpgmd.nhs.uk/specialty-schools

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