

<b>Post Title and Post Number</b>	NIHR Academic Clinical Lecturer in Infectious Diseases
<b>Organisation Advertising Description</b>	College of Medical and Dental Sciences
<b>Post Number</b>	
<b>Full Time/Part Time</b>	Full Time
<b>Duration of post</b>	Maximum of 4 years or obtaining CCT, whichever is sooner. There will be 50% time protected for research throughout the programme.
<b>Post is open to:</b>	Internal and External Candidates
<b>Grade/Level</b>	Clinical. Must hold a current NTN (ST3 or above). Must have a higher research degree (PhD, MD or equivalent); all candidates must have submitted their final thesis to be eligible to apply and must have been fully awarded their higher degree in order to be able to take up the post.
<b>Salary</b>	
<b>Terms and Conditions</b>	<a href="#">Clinical</a>

**Lead NHS Hospital/Trust in which training will take place**

University Hospitals Birmingham NHS Foundation Trust (UHB)

**Research institutions in which training will take place**

Institute of Microbiology & Infection (MDS-IMI), Institute of Biomedical Research (IBR)/University of Birmingham Microbiome Treatment Centre (UoB MTC), Institute of Translational Medicine (ITM), and University Hospitals Birmingham NHS Foundation Trust (UHB).

**What arrangement of day release or block release will be used for protected research time?**

The successful candidate will spend 50% of the working week as a registrar in Infection in the West Midlands Deanery, and the other 50% as a Clinical Lecturer at MDS-IMI, University of Birmingham.

**Description of research component of programme:**

We aim to support the next-generation of clinical academics in infection (infectious diseases and medical microbiology) in the period between completion of a higher degree and CCT award. The post provides the very best in both clinical and academic opportunities for infection trainees in the West Midlands. The Institute of Microbiology & Infection was setup in 2011 and has over 45 principal investigators working in the field of microbiology and infectious diseases. The research portfolio spans the breath of infection research sub-speciality interests, and aims to deliver pioneering research that addresses many of the global health challenges of today and the future.

Key research areas include molecular microbiology, microbial genomics and the biology/translational research of infectious diseases. Over the last 5yrs IMI has secured over £33m in grant funding and sustained a high-output of publications and other academic achievements. The University of Birmingham Microbiome Treatment Centre (UoBMTC) is the single largest provider of faecal microbiota treatment (FMT) to the NHS under an MHRA approved GMP process, which includes a 'specials' licence, and has several research projects connected to the augmentation of

the gut microbiome in different disease states. There is a large interest in TB, from basic science through to epidemiology and the evaluation of new therapies. Clinical academics at IMI also have appointments at UHB which is the largest single NHS Trust in the UK and serves a population >1.2m, and has major shared research interests in vaccine development and large datasets used for artificial intelligence and antimicrobial stewardship in an era of increasing antimicrobial resistance. We also have overseas research projects, especially meningitis and vaccine studies in Uganda, Malawi and Rwanda. The NIHR West Midlands Clinical Research Network (CRN) is also the largest single CRN in the United Kingdom and covers a population over 5m (larger than Scotland).

The clinical component of the post would be spent at the Department of Infectious Diseases & Tropical Medicine and Department of Microbiology at University Hospitals Birmingham. This will include in-patient work at the West Midlands regional Infectious Diseases unit, a 47-bed ward at Heartlands hospital with negative pressure isolation facilities. Additional clinical placements will be spent working in in-patient and infection service consult-base work across other hospitals including the Queen Elizabeth Hospital offering tertiary services in cardiac, neurosurgery, solid organ transplant and haematology. Clinical services work closely with UK Health Security Agency (formally PHE) regional reference laboratories for virology and national reference laboratory for mycobacterial pathogens.

Successful applicants will undertake a programme of research in line, and supported by, the current research interests in infection research at IMI with experienced mentors. This will include full access to all investigators to see where research interests and working relationships are well aligned.

### **Teaching**

The post holder will be expected to play an active role in delivering bedside and small group teaching to clinical medical students and junior doctors. In addition, they will have the opportunity to contribute to lectures, modules and small group teaching sessions on infection topics on the undergraduate MBChB, BMedSc and BDS courses. They can also be involved in supervising MD/PhD students and clinical fellows.

### **Publications, presentations and grants**

The post-holder will contribute to a range of ongoing clinical research at IMI in order to gain experience of writing papers and publishing in high-impact journals. They will also receive help in securing funding towards increasing independence and personal fellowships by the end of the ACL period.

### **Description of clinical training component of programme**

The post attracts specialist trainees (NTN holders), with the clinical components of training as part of the West Midlands infection speciality programme. Training can be undertaken at various placements in the West Midlands Training programme, including;

- University Hospitals Trust Birmingham Foundation NHS Trust
- Sandwell and West Birmingham Hospitals NHS trust
- University Hospitals of North Midlands NHS Trust
- The Royal Wolverhampton NHS Trust
- University Hospital Coventry & Warwickshire NHS Trust
- Worcestershire Acute Hospitals NHS Trust
- Birmingham Children's Hospital

### **Further details**

For full descriptions of the NIHR Integrated Academic Training (IAT) programmes, including guidance notes, selection criteria and person specifications, please refer to:

<https://www.nihr.ac.uk/explore-nihr/academy-programmes/integrated-academic-training.htm>

**Academic Lead for the Infection ACL programme**

Informal queries and questions are welcome, and please contact James Scriven ([j.e.scriven@bham.ac.uk](mailto:j.e.scriven@bham.ac.uk)) to arrange a Zoom call or meeting.

**Academic Lead (University) for the IAT Programme**

Prof Kristien Boelaert, IAT Lead at the University of Birmingham: [k.boelaert@bham.ac.uk](mailto:k.boelaert@bham.ac.uk).

**Deanery Programme Training Director details**

Dr Amy Chue, Training Programme Director for Infection: [amy.chue@uhb.nhs.uk](mailto:amy.chue@uhb.nhs.uk)

**SUPPLEMENTARY PERSON SPECIFICATION**  
**FOR CANDIDATES APPLYING FOR A CLINICAL LECTURESHIP**  
**AS PART OF INTEGRATED ACADEMIC TRAINING**

	<b>ESSENTIAL</b>	<b>DESIRABLE</b>	<b>WHEN EVALUATED</b>
<b>ELIGIBILITY</b>	Evidence of achievement of Foundation competences or equivalent. Candidate must be at ST3 or above. <b>Must hold a higher degree</b> (MD, PhD or equivalent) in a <b>relevant</b> subject area.* Evidence of good progress in clinical training and that completion of specialty training may be accommodated either during or after the 4 year period of the NIHR CL award	Evidence of commitment to GMC specialty. Intercalated honours degree and/or additional qualifications e.g. MSc etc.	Application Form
<b>KNOWLEDGE &amp; ACHIEVEMENTS</b>	Demonstration of acquisition of the level of knowledge and skills necessary for the achievement of Foundation and clinical (matched to the entry level) competencies or equivalent. Demonstration of the potential for scientific independence and the ability to lead a research team. Potential to become a leader in chosen field.	Knowledge of the centre hosting the research and how this is best placed to support the research, education and training needs. Prizes or distinctions. Presentation of work at a national or international meeting. Significant publications in peer reviewed journals.	Application Form and Selection Centre
<b>EDUCATIONAL &amp; PERSONAL ASPECTS</b>	Demonstration of understanding, and commitment to, an academic career. Indication of medium and long-term career goals. Demonstration of educational reasons for applying for the Clinical Lectureship Programme.		Application Form
<b>PROFESSIONAL SKILLS</b>	Evidence of team working skills Evidence of leadership potential		Application Form

This ACL person specification will be used in conjunction with a person specification for assessment of clinical competences.

\* all candidates should have submitted their final thesis to be eligible to apply, and must have been fully awarded their higher degree in order to be able to take up the post (prior to 1 Sept 2024).