

Job Description

Post Title and Post Number	NIHR Clinical Lecturer in Acute Internal Medicine
Organisation Advertising Description	College of Medical and Dental Sciences
Post Number	
Full Time/Part Time	Full Time
Duration of post	Maximum of 4 years or obtaining CCT, whichever is sooner. There will be 50% time protected for research throughout the programme.
Post is open to:	Internal and External Candidates
Grade/Level	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.
Salary	
Terms and Conditions	Clinical

Description of research component of programme:

Background

Acute Internal Medicine is one of the newest medical specialities and includes the provision of assessments, diagnoses and treatments of adult patients with urgent medical needs. The University of Birmingham offers the only multidisciplinary academic training programme in acute medicine nationally. We have an established track record of supporting trainees in delivering exciting and impactful research, but also in developing their own portfolio of research to build towards becoming an independent research leader.

The Acute Medicine Research Group is led by Professor Sapey, the current Chair of the Society for Acute Medicine Research Committee. The candidate would be joining a diverse group of acute medicine researchers at different levels of seniority and from different healthcare professional backgrounds, including a Clinical Assistant Professor, two statistical postdoctoral scientists, 10 informaticians and a number of PhD students including those from medical, nursing, physician associate and pharmacy backgrounds. The group also benefits from a wide acute medicine network from across the UK and Europe.

Acute Internal Medicine Research at the University of Birmingham is part of the Birmingham Acute Care Research (BACR) Group. The BACR is a globally unique, cross-disciplinary, cross-Institute and inter-hospital acute care research collaborative.

The Acute Internal Medicine branch of the BACR has a strong clinical and health data/bioinformatics research track record with an established base within the Institute of Inflammation and Ageing (IIA) and a history of cross institute working. High quality, big data studies are supported by core digital infrastructure such as the PIONEER data hub (see www.PIONEERdatahub.co.uk) which includes informaticians, statisticians, AI and natural language processing expertise to support the ACL in research development.

Using health data to understand health challenges in acute medicine, including AI, is a key priority for the Society of Acute Medicine nationally, and regionally we benefit from an acute medicine-focused, NIHR-funded Patient Safety Research Collaborative theme (Digital Clinical Decision Tools in acute care) and Biomedical Research Centre theme (Infections in acute care), all with digital health embedded into research activity.

We have active research programmes in care pathways in acute medicine (such as Same Day Emergency care, acute frailty units and hospital at home), sepsis and acute infections, acute exacerbations of chronic diseases, point of care diagnostics and novel health service delivery systems.

IIA has its own, bespoke, clinical research facility, less than 10 metres away from the University Hospitals Birmingham NHS Foundation Trust Acute Medical Unit. These facilities include research outpatient and inpatient rooms, equipped procedure rooms, cutting edge laboratory facilities and designated write-up space and a bioinformatics hub. In addition, the Health Data Research Hub for Acute Care (PIONEER) provides ethically approved access to routinely collected health data for >1.2M people per year, and significant statistical and machine learning training support, enabling trainees to describe health challenges and to develop, test, and deliver new ways of caring for acutely unwell people, supported with expert patient, health care professional, and compute/analytic services. Furthermore, the UHB AMU has been set up as a living lab, with the opportunity to test and embed new care pathways.

The successful applicant would be expected to embrace our cross-disciplinary collaborative approach to research to develop their own research ideas. There will also be opportunities to become involved with, and shape the annual Society for Acute Medicine Benchmarking Audit.

Clinical responsibilities

The clinical training will be facilitated as part of the West Midlands Deanery Acute Internal Medicine Training scheme. As usual in the ACL role, we anticipate candidates to split their working roles 50:50 between the University and a clinical site. Training sites will be determined by training need and the candidate's preferences. Upon appointment, the successful candidate will have a meeting with the academic lead to discuss which clinical training site will best match their ongoing needs.

Possible clinical training sites include all acute hospitals within the West Midlands workforce Deanery area.

Teaching

The successful candidate will have the opportunity to teach medical students and junior doctors. In addition, they will have the opportunity to contribute to lectures, modules and small group teaching sessions on acute medical topics on the undergraduate MBChB and relevant postgraduate courses. They can also be involved in supervising MD/PhD students and clinical fellows. Candidates will be expected to work towards a Postgraduate Certificate in Higher Education (PGCHE) during their time as a Lecturer. The aim of the programme is to provide a comprehensive preparation for the teaching, learning and assessment aspects of your role and to relate this to wider responsibilities associated with professional practice.

Publications, presentations and grants

The post-holder will contribute to a range of ongoing clinical research at the IIA and aim to publish 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.

Academic Lead for the Acute Medicine ACL programme

Informal queries and questions are welcome, and please contact Professor Elizabeth Sapey (e.sapey@bham.ac.uk) or Dr Catherine Atkins (c.e.atkins@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.

Appendix 1: NIHR CL Supplementary Person Specification

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

	ESSENTIAL	DESIRABLE	WHEN EVALUATED
ELIGIBILITY	<p>Evidence of achievement of Foundation competences or equivalent.</p> <p>Candidate must be at ST3 or above.</p> <p>Must hold a higher degree (MD, PhD or equivalent) in a relevant subject area*.</p> <p>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 (*Not applicable to fully qualified GP candidates).</p>	<p>Evidence of commitment to GMC specialty.</p> <p>Intercalated honours degree and/or additional qualifications e.g. MSc etc.</p>	Application Form

<p>KNOWLEDGE & ACHIEVEMENTS</p>	<p>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.</p> <p>Demonstration of the potential for scientific independence and the ability to lead a research team.</p> <p>Potential to become a leader in chosen field.</p>	<p>Knowledge of the centre hosting the research and how this is best placed to support the research, education and training needs.</p> <p>Prizes or distinctions.</p> <p>Presentation of work at a national or international meeting.</p> <p>Significant publications in peer reviewed journals.</p>	<p>Application Form and Selection Centre</p>
<p>EDUCATIONAL & PERSONAL ASPECTS</p>	<p>Demonstration of understanding, and commitment to, an academic career.</p> <p>Indication of medium and long-term career goals.</p> <p>Demonstration of educational reasons for applying for the Clinical Lectureship Programme.</p>		<p>Application Form</p>
<p>PROFESSIONAL SKILLS</p>	<p>Evidence of team working skills. Evidence of leadership potential.</p>		<p>Application Form and Selection Centre</p>

* 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 01 Sep 2024).