

## Job Description

<b>Post Title and Post Number</b>	NIHR Clinical Lecturer in Neurosurgery
<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>

### Description of research component of programme:

#### Background

The University of Birmingham is able to offer an Academic Clinical Lectureship (ACL) in Neurosurgery to a suitably qualified applicant. This post has been awarded by the NIHR to University/Deanery/NHS Trust partnerships nationally through competition. It forms part of the NIHR Integrated Training Pathway, further details of which can be found on the NIHR website <http://www.nihr.ac.uk/funding/clinical-lectureships.htm>. The Academic Clinical Lectureship is the final phase of the Integrated Academic Training Pathway. The post is designed to allow time to complete a period of post-doctoral research to enable progress towards an independent academic career whilst completing clinical training. Applicants for these posts will be Specialist Trainees who have completed or have submitted for a higher degree (PhD / DPhil / MD).

NIHR ACLs are specialty training posts that incorporate academic training. ACLs are aimed at those who are advanced in their specialty training, have completed a research doctorate or equivalent and show outstanding potential for continuing a career in academic medicine or dentistry. The duration of an ACL is for a maximum of 4 years and it is expected that ACLs will complete their specialty training during this period. Alongside clinical training, ACLs will be able to further develop their academic skills and will be encouraged to apply for funding to

support further Post-Doctoral or educationalist training over the four years. Post holders, in discussion with the training committees and academic supervisors, will be able to undertake clinical duties in order to complete their clinical training. Post holders will be expected to spend 50% of their time undertaking specialist clinical training and 50% undertaking research or educationalist training. The appointment will be for a fixed term of four years. However, if training is completed during the four years the appointment will end six months after completion of CCT.

This post is aligned with the Multiple Long-term Conditions priority theme. Neuroscience projects that address the presence of a neurosurgical pathology coupled with one or more long-term health physical or mental conditions (e.g. anxiety or depression, learning disability, frailty, chronic pain, sensory impairment, substance abuse, etc.) will be prioritised. The University of Birmingham offers rich opportunities for such projects. A particular area of strength in neurotrauma research, which benefits from co-location on the same campus of the NIHR Surgical Reconstruction and Microbiology Research Centre (NIHR SRMRC) infrastructure, the NIHR Trauma MedTech, the Royal Command for Defence Medicine, the Centre for Trauma Sciences Research, one of the largest Major Trauma Centres in the country and the largest Intensive Care Unit in Europe (100 beds). The NIHR SRMRC has leveraged over £120 million of external funding for translational and clinical research since opening in 2011 and has participated in all major neurotrauma clinical trials. EPSRC, MRC, EU 2020 and Wellcome doctoral training schemes have provided vital cross-disciplinary links across the University Campus with areas such as Computer Sciences, Chemistry, Chemical Engineering, Physics and Mathematics, to name a few. The ethos of cross-disciplinary research is reflected in the range of projects on offer to the prospective ACF, which encompass neurorepair, neuroprotective drug discovery and delivery, biomarker discovery, neuroimaging, drug discovery and clinical trials. These projects span across severe traumatic brain injury, sport concussion, spinal cord injury and neuro-ophthalmology. Projects would also be available in areas such as Neuro-oncology, CSF disorders, Vascular Neurosurgery and Spinal Surgery to suit the candidate's career aspirations and trajectory. The successful applicant will also be encouraged to develop their own research ideas for a successful application to a higher postgraduate degree and avail themselves of the state-of-the-art facilities in advanced neuromonitoring, genomics, metabolomics, imaging (including functional multichannel NIRS and MEG) and neuropharmacology. Participation in clinical trials as co-investigator and/or co-applicant will be expected and supported.

Informal enquiries can be made to Prof Antonio Belli (a.belli@bham.ac.uk). All enquiries will be treated in strict confidence; they will not form part of the selection decision.

### **Clinical responsibilities**

Clinical training will be provided within the West Midlands Deanery, with the University Hospitals Birmingham NHS Foundation Trust being the lead site during the academic training. At the end of the academic training or sooner if dictated by training needs, the post-holder will rotate between neurosurgical training units in the West Midlands Deanery to ensure wide exposure to neurosurgical pathologies and acquisition of competencies required for CCT. The West Midlands training units include the Queen Elizabeth Hospital Birmingham, the Birmingham Children's Hospital, the University Hospital of Coventry and Warwickshire and the Royal Stoke University Hospital.

### **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 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 enquiries are welcome and can be made to Prof Antonio Belli ([a.belli@bham.ac.uk](mailto:a.belli@bham.ac.uk)). All enquiries will be treated in strict confidence; they will not form part of the selection decision.

### 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).

## 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
<b>ELIGIBILITY</b>	<p>Evidence of achievement of Foundation competences or equivalent.</p> <p>Candidate must be at ST3 or above.</p> <p><b>Must hold a higher degree</b> (MD, PhD or equivalent) in a <b>relevant</b> 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><b>KNOWLEDGE &amp; ACHIEVEMENTS</b></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><b>EDUCATIONAL &amp; PERSONAL ASPECTS</b></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><b>PROFESSIONAL SKILLS</b></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).