Faculty of Medicine and Health  
School of Medicine  
Leeds Institute of Biomedical & Clinical Sciences

NIHR Academic Clinical Lecturer in Medical Microbiology

Applications are invited for an NIHR integrated academic training clinical lecturer post in the Leeds Institute of Biomedical & Clinical Sciences (LIBACS). This post is available immediately for up to four years; according to clinical training needs of the successful candidate to obtain a CCT.

You will undertake internationally regarded research and share responsibility for undergraduate and postgraduate teaching programmes. You will hold or have submitted your PhD/MD at the time you apply and must have been fully awarded your degree by the time you take up the post.

You will be awarded a training contract with the Regional Postgraduate Dean in the specialist registrar/specialty trainee grade or equivalent and an honorary contract with the appropriate NHS Trust.

The successful applicant needs to be in post by 31 March 2017.

Applications should include the following:

- A Supporting Statement addressing the person specifications
- A Curriculum Vitae
- NIHR Supplementary Questions for candidates form – see attached APPENDIX 2

The University of Leeds is committed to providing equal opportunities for all and offers a range of family friendly policies (http://hr.leeds.ac.uk/homepage/4/policies). The University is a charter member of Athena SWAN and holds the Bronze award. The School of Medicine gained the Bronze award in 2013. We are committed to being an inclusive medical school that values all staff, and we are happy to consider job share applications and requests for flexible working arrangements from our employees.

Clinical Lecturer Salary Scale (£31,614 - £54,741 p.a.) depending upon qualifications and relevant experience

General enquiries can be made to Professor Philip Quirke (Academic Training Programme Director), tel: +44 (0) 113 343 8407 or email: p.quirke@leeds.ac.uk

For specific enquiries, please contact the Specialty Academic Training Lead, Prof Mark Wilcox (mark.wilcox@nhs.net) or the Specialty Clinical Training Lead Dr Nicola Young (Speciality Training Director), email: nicola.young12@nhs.net

If you have any specific enquiries about your online application please contact Beth Lintin, tel: +44 (0)113 343 4826, email: b.lintin@leeds.ac.uk

Job Ref: MHBCS1036  Closing Date: 20th November 2016
Job Description

Background to the post

The successful applicant needs to be in post by 31 March 2017

Available to start for a period of up to 4 years, determined by the applicant’s anticipated CCT date as modified by appointment to this training position. Half of the appointed period will be available for the successful candidate to continue or establish a new research programme.

Appropriate clinical training will be available in Medical Microbiology. Candidates requiring Infectious Disease are encouraged to discuss with Professor Wilcox. Applicants must also have a higher research degree PhD or MD awarded or submitted by the time of application (you must provide evidence that the PhD or MD has been obtained by the time of appointment).

You will undertake international level research and high quality but limited undergraduate teaching. A training contract at Specialist Registrar/Specialty Trainee level or equivalent will be held with the Regional Postgraduate Dean.

The difficulties of combining a clinical training leading to a CCT and a comprehensive period of post-doctorate research are well recognised. These positions offer the flexibility required to achieve an appropriate training as set out in the Report of the Academic Careers Sub-Committee of Modernising Medical Careers (http://www.mmc.nhs.uk) and the UK Clinical Research Collaboration (http://www.nihrtcc.nhs.uk/intetacatrain/) and meet the requirements of the Joint Committee for Higher Medical Training (JCHMT).

The appointee will be accountable for their research to the Director (or nominee) of LIBACS within the School of Medicine in the Faculty of Medicine and Health of the University of Leeds (see below and www.leeds.ac.uk/medhealth).

The person appointed would be expected to have research interests or a wish to develop research interests relevant to current academic members of staff.

For clinical work, the appointee will be responsible to the clinical director for his or her speciality and/or the Head of the appropriate Clinical Management Team.

The Leeds Teaching Hospitals NHS Trust (LTHT), Leeds Partnerships NHS Foundation Trust, and University of Leeds (Faculty of Medicine and Health) have a joint vision of excellence in clinical research, teaching and service provision. The Faculty has recently consolidated its research strengths into centres of excellence – Leeds Institute for Cardiovascular and Metabolic Medicine (LICAMM), Leeds Institute of Health Sciences (LIHS), Leeds Institute of Biomedical Clinical Sciences (LIBACS), Leeds Institute of Clinical Trials Research (LICTR), Leeds Institute of Cancer & Pathology (LICAP), Leeds Institute of Medical Education (LIME) and Leeds Institute of Rheumatic & Musculoskeletal Medicine (LIRMM). The development of the Institutes has been supported by a £30m capital programme and new state-of-the-art laboratories are established both on the Leeds General Infirmary site and the St James’s University Hospital campus.

The LTHT is the largest in the UK (2.6m tertiary catchment, turnover £680m pa, 3,000 beds, 700,000 OP visits and 200,000 IP and day cases per annum) and has a wide range of strong clinical research programmes and over 200 clinical trials.

Leeds hosts the NIHR Clinical Research Network Co-ordinating Centre, an Experimental Medicine Cancer Centre, a NIHR Leeds Musculoskeletal Biomedical Research Unit (LMBRU), an IIM ESPRC/Wellcome Ageing Initiative and a National Cancer Research Institute accredited Clinical Trials Unit. The University of Leeds is one of the largest biomedical research Universities in the UK. The Faculty of Medicine and Health has a research income of approximately £60M per annum mainly from the DoH, MRC, BBSRC, BHF, ARC and Cancer Research UK. As well as its close links with the Faculty of Biological Sciences, the Faculty works with funding organisations, NHS partners, the healthcare community and industry to create a world-class facility for clinical care and clinical/laboratory research.
The programmes selected for these lectureships will map onto the combined strengths of the Trust and University. They relate directly to the research being undertaken in the University’s research institutes; cardiovascular disease, cancer/molecular medicine, histopathology, microbiology and musculoskeletal disease have been identified as ‘peaks of excellence’ within the University and fall within the acute Trust’s ‘strong research programmes’: cardiovascular disease, cancer and pathology, molecular genetics and infectious disease.

The University/Trusts (joint NHS/University funding) currently have more than 70 academic training posts. An important feature of the schemes available is their flexibility. They acknowledge that the capacity to provide clinical cover in different specialties varies, as well as acknowledging fluctuation in interest over time to train in different specialties between potential candidates.

Purpose of the Posts

1. To contribute to and develop excellence in research and teaching.
2. To develop the post holder’s clinical skills

Main Duties

It will be expected that the post holder will devote 5 sessions per week to research and teaching activities and 5 sessions per week to clinical training.

1. **Research** - It is envisaged that at least 4 sessions of the successful applicant’s time will be spent in innovative and scholarly research and one session teaching. The post holder will be expected to achieve and maintain an active research portfolio both producing regular publications and developing the skills required to write successful research grant and Intermediate or Clinician Scientist Fellowship applications. The research output would be expected to be of the international quality as judged by the Research Excellence Framework 2014 standards.

Research opportunities in Medical Microbiology:

The Healthcare Associated Infection (HCAI) Research Group is closely aligned to the clinical infection service within Leeds and consists of team members from the University of Leeds, Leeds Teaching Hospitals NHS Trust and Public Health England (PHE). Our research is linked to the interests and priorities of HCAI infection diagnosis and management, infection control and antimicrobial resistance and operates a shared goal of excellence across academia, patient care and public health (http://medhealth.leeds.ac.uk/hcai). We currently have a number of ongoing applied infection research projects including NIHR portfolio projects/studies, clinical trials, laboratory evaluations and large scale (European-wide) epidemiology and surveillance studies. For further information on our current portfolio, please see our research projects page, which includes 15 different research group topics.

We have developed, and now have extensive experience of, an in-vitro gut model of CDI that closely simulates human disease. The gut model has been used to understand disease pathogenesis, including faecal microflora effects, and *C. difficile* virulence, and to determine the antibiotics that are associated with increased risk of CDI, and which agents can be used therapeutically. This model has now been adapted for the study of antimicrobial resistant bacteria in the human gut. We have a growing research programme based on the human gut microbiome, including close contacts with Professor Paul Emery’s early arthritis research studies.

We have major collaborative research programmes in place, notably with the infection research team in Oxford. This includes the Health Innovation Challenge Fund (HICF) and Healthcare Protection Research Unit (HPRU), exploring the potential of next generation sequencing to transform the diagnosis of infection. We have just been awarded a major MRC collaborative grant: Accelerating Development of Infection Diagnostics for Patient Management and Reduction of Antibiotic Misuse (https://www.mrc.ac.uk/documents/pdf/theme-2-details-of-funded-projects/).

Leeds has operated as the PHE UK *C. difficile* laboratory as part of the *C. difficile* Ribotyping Network in England/N. Ireland (CDRNE) (led by Prof. Wilcox) since 2013. As such, the research group is well placed with extensive access to *C. difficile* strains from across the UK. In addition, we hold a large collection of isolates form across Europe.
The appointee would be expected to seek external peer review funding to support their research and also to extend their academic training beyond CCT as set out by the NIHR Trainees Coordinating Centre (http://www.nihrtcc.nhs.uk/intetacatrain/). There may be flexibility within the particular training program to allow substantial periods of research without clinical commitment rather than combining both in the working week.

2. **Teaching** – You will be expected to contribute to the organisation and delivery of undergraduate teaching throughout your clinical and research years. The administrative, preparation time and actual teaching would not exceed the equivalent of one session each week. During clinical periods the person would be expected to undertake teaching and training commitments as expected of other Specialist Registrars in training.

3. **Clinical Activities** - You will enter into an appropriate year within the Specialist Training Programme. Rotations include posts in Leeds and other regional centres and units, to meet the full current Royal College curriculum.

Candidates should contact Specialty Clinical Training Lead Dr Nicola Young (Speciality Training Director), email: nicola.young12@nhs.net for information on the clinical opportunities and training open to them. Additional information is also available at the following: http://www.yorksandhumberdeanery.nhs.uk/pathology/training_programmes/medical_microbiology_virology/

4. **Career development** – You will be joining a vibrant Integrated Clinical Academic Training programme at Leeds. The programme provides bespoke academic training retreats three times a year to allow trainees opportunities to develop their academic skills. You will be eligible for an NIHR travel bursary for £1000 per annum to support research conference attendance. In addition, the University provides, through its Staff & Departmental Development Unit (SDDU), a series of short regularly run courses in all aspects of academic career training at every level through to developing tomorrow's leaders. Academic staff (at all levels) are strongly advised to take advantage of these and indeed a number are compulsory for example for those wishing to supervise postgraduate students, act as examiners or lead certain teaching modules.

Each Clinical Lecturer will have:

1) A supportive environment to continue research, or training in education.
2) An integrated individually tailored ST training to obtain CCT.
3) Specific support in preparation for Clinician Scientist or Senior Lecturer appointment, in an area where strong track records of success are already established.
4) Senior academic support in grant applications and career progression with independent mentoring.
5) Annual review of progress undertaken jointly by the University and the NHS training programme.
6) Academic Mentor.

**Management Structure**

Each Institute has a management infrastructure which has a full range of financial and clerical capabilities and undertakes regular review of all research staff to monitor career development. There is a long and successful record of close working between the University and Clinical Management Teams to integrate clinical training and research.

**University Values**

All staff are expected to operate in line with the university’s values and standards, which work as an integral part of our strategy and set out the principles of how we work together. More information about the university’s strategy and values is available at http://www.leeds.ac.uk/comms/strategy/
Person Specifications

Clinical Lectureship candidates must demonstrate appointability under both the Royal College of Pathologists Clinical Person Specification and the National Institute of Health Research Clinical Lectureship Academic Person Specification.

CLINICAL PERSON SPECIFICATION


ACADEMIC PERSON SPECIFICATION: Attached – APPENDIX 1

Professional Registration

As a qualified doctor you should obtain periodic registration with the GMC. You will be required to maintain such registration so long as you remain employed with the University Of Leeds, confirming to your line manager that renewal has been carried out as required by the relevant professional organisation. You should produce documentation giving evidence of your registration upon request.

Please note: University of Leeds terms and conditions of employment will apply

Further Information

Faculty Information

With more than 6,000 students, 1,600 staff and annual research income of £50m, the Faculty of Medicine and Health at Leeds is bigger than some universities. Leeds has one of the largest medical and bioscience research bases in the UK, and is an acknowledged world leader in cancer, cardiovascular, psychiatric, genetic, musculo-skeletal and health services research. Treatments developed in Leeds are transforming the lives of people around the world living with conditions such as HIV, TB, diabetes and malaria.

The School of Medicine

Dean: Professor Paul Stewart

The School of Medicine at the University of Leeds is a major international centre for research and education. Our ambition is to improve health and reduce health inequalities, locally and globally, through excellent scientific research and the translation of that research into healthcare practice, and through the education of future scientific and clinical leaders who will advocate and practise an evidence-based approach. Our major strategic aims are to:
• Deliver outstanding research including basic discovery science through to applied health research that makes a significant difference to health.
• Produce exceptional graduates, clinicians, educators, doctoral and post-doctoral fellows whose learning has been informed and inspired by our research excellence and who will form the next generation of academic and clinical leaders.
• Develop and support knowledge transfer activities that flow from our academic activities.
• Create and maintain an efficient and sustainable environment for research and teaching within an organisational culture and management style that enacts and supports the university’s core values of community, inclusiveness, integrity and professionalism.

The School of Medicine is organised into seven Institutes. All are committed to high quality research-led teaching, through their training of postgraduate research students, delivery of postgraduate taught courses, and its leadership in undergraduate teaching. The School works closely with the local NHS trusts, having a number of jointly funded clinical posts to ensure this relationship is effective and strong for both research and student education.

Leeds Institute of Cardiovascular and Metabolic Medicine (LICAMM)
Director: Professor Mark Kearney

LICAMM integrates basic and clinical scientists with a common goal of understanding the mechanisms underpinning common chronic diseases of human health and developing new approaches to treating patients at an individual and population level. At the heart of LICAMM’s philosophy is a vibrant multidisciplinary approach to science that provides a platform to deliver internationally competitive translational research and teaching in disorders including cardiovascular disease, diabetes, cancer and neurodegenerative diseases. Our key aim is to improve the lives of our patients and the experience of our students. [http://medhealth.leeds.ac.uk/info/500/leeds_institute_of_cardiovascular_and_metabolic_medicine](http://medhealth.leeds.ac.uk/info/500/leeds_institute_of_cardiovascular_and_metabolic_medicine)

Leeds Institute of Cancer and Pathology (LICAP)
Director: Professor Tim Bishop

The Leeds Institute of Cancer and Pathology addresses both laboratory based and clinical research into cancer with a major focus on translational science. LICAP is one of the largest cancer institutes in the country and has major financial support from the cancer charities. The laboratories and clinical research are all based on the St James’s site with laboratory activities being located in the Wellcome Trust Brenner Building and adjacent buildings while the clinical work is based within Bexley Wing. The Institute consists of seven Sections: Epidemiology & Biostatistics; Experimental Haematology; Experimental Oncology; Oncology & Clinical Research (Clinical); Oncology & Clinical Research (Laboratory); Patient Centred Outcome Research; and Pathology & Tumour Biology.[http://medhealth.leeds.ac.uk/info/900/leeds_institute_of_cancer_and_pathology](http://medhealth.leeds.ac.uk/info/900/leeds_institute_of_cancer_and_pathology)

Leeds Institute of Biomedical & Clinical Sciences (LIBACS)
Director: Professor Philip Hopkins

LIBACS undertakes clinically-driven research from the level of the gene through cellular, tissue and organ to clinical trials. Our vision is to develop a sustainable centre of excellence for the advancement of patient care by translating research results into clinical practise and contributing to medical education at undergraduate and postgraduate levels. Our research interests are encapsulated in 6 clinical themes (Gastrointestinal inflammation & tumorigenesis, Genetic disorders, Infection & immunity, Neuroscience, Perinatal medicine, Perioperative outcomes & technologies) underpinned by 4 generic science technology strands (Animal models, Cell biology, Gene regulations & Genomics). We are based predominantly at the St James’s University Hospital site.[http://medhealth.leeds.ac.uk/info/300/leeds_institute_of_biomedical_and_clinical_sciences](http://medhealth.leeds.ac.uk/info/300/leeds_institute_of_biomedical_and_clinical_sciences)

Leeds Institute of Rheumatic and Musculoskeletal Medicine (LIRMM)
Director: Professor Paul Emery

LIRMM is dedicated to improving diagnosis, therapy, intervention and outcome across the spectrum of rheumatic and musculoskeletal medicine. It boasts a dynamic portfolio of research and education, delivering wide-ranging clinical, translational and basic research across eight Sections: Clinical Biomechanics and Physical Medicine; Clinical and Translational Rheumatology; Experimental
Rheumatology; Immune Mediated Disease; Molecular and Personalised Medicine; Musculoskeletal Medicine & Imaging; Orthopaedics; and Rehabilitation Medicine. A multi-disciplinary approach is the core of our activities, with significant interdisciplinary links between Experimental and Clinical research. LIRMM’s clinical activities are focussed at Chapel Allerton Hospital, which is also base for our NIHR Musculoskeletal Biomedical Research Unit (LMBRU) and our basic sciences at St James’s University Hospital.

http://medhealth.leeds.ac.uk/info/700/leeds_institute_of_rheumatic_and_musculoskeletal_medicine

Leeds Institute of Clinical Trials Research (LICTR)
Director: Professor Julia Brown

LICTR delivers innovative design, delivery and knowledge transfer in clinical trials research. Our multidisciplinary approach, in collaboration with basic scientists, clinicians, policy makers, healthcare providers, public and patients and University colleagues, delivers internationally competitive research and teaching that makes a significant contribution to the evidence base for healthcare delivery. The Institute’s research is conducted through the Clinical Trials Research Unit where we have expertise in design and conduct of complex clinical trials incorporating novel designs to evaluate CTIMPs, complex interventions, diagnostics, medical devices and surgery.

http://medhealth.leeds.ac.uk/info/400/leeds_institute_of_clinical_trials_research

Leeds Institute of Health Sciences (LIHS)
Director: Professor Tim Ensor

LIHS has a national and international reputation for the methodological rigour and innovation of its research which is overwhelmingly problem-driven and applied. Our primary aim is to develop and apply the best available methods to address health and healthcare challenges of national and international importance. Our interdisciplinary approach incorporates expertise in applied health research designs, health implementation sciences, social sciences, health economics, informatics and statistics, as well as skills in communicating with basic scientists, policy makers, healthcare providers, public and patients. An extensive network of national and international collaborations (including in low resource countries) is fundamental to our research. We conduct research at the individual, population and organisational level. As well as delivering part of postgraduate the undergraduate medical degree, LIHS offers a wide range of research and taught opportunities.

http://medhealth.leeds.ac.uk/lihs

Leeds Institute of Medical Education (LIME)
Director Trudie Roberts

LIME provides the administrative support, co-ordination and leadership for the School of Medicine’s undergraduate medical degree, including admissions, curriculum development, assessment, student support and clinical placement liaison. It provides the technology-enhanced learning and innovation support for the School of Medicine. LIME also has a very active scholarship programme of research and innovation in medical education and uses its expertise to influence medical education policy and practice nationally and internationally. To achieve this it works with a range of stakeholders including the academic community, the profession, the public, regulators and policy makers.

http://medhealth.leeds.ac.uk/info/800/leeds_institute_of_medical_education

St James’s University Hospital Campus Infrastructure and Facilities (SCIF)

This groups activities cover School of Medicine functions for Institutes at St James’s University Hospital that span more than one institute including biomedical research facilities, student education, IT, health and safety, estates, seminars, PGR studentships laboratory and business support functions. These functions help support the 5 adjacent buildings on the site.

There are 3 Institutes with staff and students at St James’s: LICAP (Leeds Institute of Cancer and Pathology), LIBACS (Leeds Institute of Biomedical and Clinical Sciences) and LIRMM (Leeds Institute of Rheumatic and Musculoskeletal Medicine). These three institutes are dedicated to basic, translational, clinical and health research integrated with student education.

http://medhealth.leeds.ac.uk/info/293/facilities
The Leeds Teaching Hospitals NHS Trust (http://www.leedsth.nhs.uk/home/) came into existence on 1 April 1998 and has approximately 15,000 staff employed over six sites:

Chapel Allerton Hospital  St James’s University Hospital
Leeds Dental Institute  Seacroft Hospital
Leeds General Infirmary  Wharfedale General Hospital

Combined, these sites house 3,215 beds and provide a range of general, acute and elective services, together with a significant number of regional and supra-regional specialities. The creation of a single Trust for Leeds and the reconfiguration of acute hospital services, represent a unique opportunity for the city to become home to one of the leading health care institutions in the world, excelling in health service delivery, teaching and research.

The Trust must provide improvement in the access and delivery of health care within a tight framework. The building of a stronger and enhanced centre for clinical excellence together with greater research, teaching and learning opportunities will also be created in partnership with the University of Leeds and Metropolitan University.

Management Arrangements

Leeds Teaching Hospital Trust has a divisional management structure. The Trust Board comprises Non Executive and Executive Directors. These include the Chief Executive, Julian Hartley, and the Medical Director, Yvette Oade. The Board is responsible for policy direction and has overall accountability for the management of the hospital, the quality of the services it delivers and its financial viability.

Other Trusts:

Airedale NHS Foundation Trust (www.airedale-trust.nhs.uk), Bradford Teaching Hospitals NHS Foundation Trust (www.bradfordhospitals.nhs.uk), Bradford District Care Trust (www.bdct.nhs.uk)

Rotations will take place in NHS Trusts across the region as determined by the Specialty Training Programme Director and Academic Training Programme Director.

Additional Information

Terms and Conditions

Details of the terms and conditions of employment for all staff at the university, including information on pensions and benefits, are available on the Human Resources web pages accessible via the links on the right hand side, or at http://hr.leeds.ac.uk/policies

Disclosure and Barring Service checks

This post falls under the remit of the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975. As such, all applicants are required to declare any convictions, cautions, reprimands and warnings, including any pending criminal prosecutions and those which would otherwise be considered ‘spent’ under the 1974 Act. However, amendments to the Exceptions Order 1975 (2013) provide that certain ‘spent’ convictions and cautions are now ‘protected’ and are not subject to disclosure to employers, and cannot be taken into account. Guidance and criteria on the filtering of these cautions and convictions can be found on the Disclosure and Barring Service website. https://www.gov.uk/government/organisations/disclosure-and-barring-service and at http://www.legislation.gov.uk/uksi/2013/1198/pdfs/uksi_20131198_en.pdf

Declarations of any such information as described above, should be made in the ‘other personal details’ section of the application form and details sent to the Recruitment Officer at disclosure@leeds.ac.uk.

Enhanced Disclosure from the Disclosure and Barring Service (DBS) is required for this position. The successful applicant will be required to give consent for the University to check their criminal record status.
through independent verification (from the DBS). Information will be kept in strict confidence. Your offer of appointment will be subject to the University being satisfied with the outcome of these checks.

**Disabled Applicants**

The post is located in NHS Trust Premises across Leeds which can include St James’s University Hospital, Leeds General Infirmary & Chapel Allerton Hospital. Disabled applicants wishing to review access to the building are invited to contact the department direct. Additional information may be sought from the Recruitment Officer, email disclosure@leeds.ac.uk or tel + 44 (0)113 343 1723.

Disabled applicants are not obliged to inform employers of their disability but will still be covered by the Equality Act once their disability becomes known.

**Further information for applicants with disabilities, impairments or health conditions is available in the applicant guidance.**