

Job title	Clinical Research Fellow in Musculoskeletal Trauma (part-time)
Division	Medical Sciences Division
Department	Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences
Location	Oxford Trauma, Kadoorie Critical Care Research Centre, John Radcliffe Hospital, Oxford, OX3 9DU
Grade and salary	Grade E63: Stage 1 to 5: £32,398 - £63,152 (pro rata)
Hours	Part-time (50%FTE)
Contract type	Fixed-term (until 30/09/2025)
Reporting to	Professor Matthew Costa
Vacancy reference	170019
Additional information	General Medical Council Registration required

Research topic	Hip Fracture
Principal Investigator / supervisor	Professor Matthew Costa
Project team	Trauma and Emergency Care Group
Project web site	https://www.ndorms.ox.ac.uk/Oxford-Trauma-and-Emergency-Care
Funding partner	National Institute for Health and Care Research

The role

The post focuses on research relating to hip fracture surgery. The research activity will focus on complications during and after surgery for hip fracture. Oversight will be provided by Professor Matthew Costa as primary supervisor. The role will include conducting a systematic review, cleaning and analysing a large cohort study, correlating complications with outcomes and resource use data.

Responsibilities

- 1) Design and conduct a systematic review and meta-analysis of complications after hip fracture
- 2) Conduct a correlation analysis between complications, outcomes and resource use using the WHiTE cohort data
- 3) Contribute to the broader research of the Trauma and Emergency Care Research Group
- 4) Attend regular supervisory meetings
- 5) Engage in self-directed learning to develop doctoral-level proficiency in systematic review, clinical cohort analysis, and prediction modelling.
- 6) Provide necessary reports and accounting to funding bodies
- 7) Complete all mandatory training for DPhil students enrolled at NDORMS.
- 8) The postholder will also be responsible for submitting their work to international peer reviews through attending appropriate scientific meetings and submission to respected journals.
- 9) To adhere to the GMC Codes of Conduct and ICH Good Clinical Practice guidelines at all times.

The job description is not intended to be rigid or inflexible and may include other duties and responsibilities as may be determined. The post-holder is expected to work flexibly and respond positively to changing needs.

Pre-employment screening

All offers of employment are made subject to standard pre-employment screening, as applicable to the post.

If you are offered the post, you will be asked to provide proof of your right-to-work, your identity, and we will contact the referees you have nominated. You will also be asked to complete a health declaration (so that you can tell us about any health conditions or disabilities so that we can discuss appropriate adjustments with you), and a declaration of any unspent criminal convictions.

We advise all applicants to read the candidate notes on the University's pre-employment screening procedures, found at: www.ox.ac.uk/about/jobs/preemploymentscreening/.

Hazard-specific / Safety-critical duties

This job includes hazards or safety-critical activities. If you are offered the post, you will be asked to complete a health questionnaire which will be assessed by our Occupational Health Service (OHS), and the offer of employment will be subject to a successful outcome of this assessment.

The hazards or safety-critical duties involved are as follows:

- Lone Working
- Work in clinical areas with direct contact with patients (NOT administrative roles)

Additional security pre-employment checks

This job includes duties that will require additional security pre-employment checks:

- A satisfactory enhanced Disclosure and Barring Service check due to interaction with adults and children with trauma and injuries for recruitment and involvement in clinical research projects

Selection criteria

Essential selection criteria

- Full General Medical Council Registration.
- Degree in Medicine
- Demonstrable interest in clinical trials for hip fracture care
- Working knowledge of research publications
- Ability to communicate well with colleagues in English, both verbally and in writing
- Time and work management skills
- The desire to carry out a clinical research project at doctoral level
- The ability to work using own initiative
- Strong attention to detail
- Evidence of team working skills
- Demonstrate an ability to follow departmental guidance in handling sensitive and personal information, including complying with current data protection legislation.
- Demonstrate an understanding of data protection and other statutory requirements and professional guidelines, such as “ICH Good Clinical Practise” guidelines.

About the University of Oxford

Welcome to the University of Oxford. We aim to lead the world in research and education for the benefit of society both in the UK and globally. Oxford’s researchers engage with academic,

commercial and cultural partners across the world to stimulate high-quality research and enable innovation through a broad range of social, policy and economic impacts.

We believe our strengths lie both in empowering individuals and teams to address fundamental questions of global significance, while providing all our staff with a welcoming and inclusive workplace that enables everyone to develop and do their best work. Recognising that diversity is our strength, vital for innovation and creativity, we aspire to build a truly diverse community which values and respects every individual's unique contribution.

While we have long traditions of scholarship, we are also forward-looking, creative and cutting-edge. Oxford is one of Europe's most entrepreneurial universities. Income from external research contracts in 2016/17 exceeded £564m and we rank first in the UK for university spin-outs, with more than 130 companies created to date. We are also recognised as leaders in support for social enterprise.

Join us and you will find a unique, democratic and international community, a great range of staff benefits and access to a vibrant array of cultural activities in the beautiful city of Oxford.

For more information, please visit www.ox.ac.uk/about/organisation.

Medical Sciences Division

The Medical Sciences Division is an internationally recognised centre of excellence for biomedical and clinical research and teaching. We are the largest academic division in the University of Oxford.

World-leading programmes, housed in state-of-the-art facilities, cover the full range of scientific endeavour from the molecule to the population. With our NHS partners we also foster the highest possible standards in patient care.

For more information please visit: www.medsci.ox.ac.uk

Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences

The Nuffield Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences (NDORMS) is part of the Medical Sciences Division and is the largest European academic department in its field, running a globally competitive programme of research and teaching.

Our mission is to discover the causes of musculoskeletal and inflammatory conditions to deliver excellent and innovative care that improves people's quality of life. Our highly skilled teams have expertise in a broad range of areas, including orthopaedic surgery, inflammation, immunology, rheumatology, medical statistics, epidemiology, and clinical trials.

We currently have 460 staff, 100 students and have a grants portfolio worth over £148 million, and an annual turnover in excess of £38 million.

The **Botnar Research Centre** enables and encourages research and education into the causes of musculoskeletal disease and their treatment.

The Centre provides world-class facilities for scientists in the field of musculoskeletal research. It takes a multidisciplinary approach, encompassing orthopaedic, rehabilitation and rheumatology



clinical scientists, bone oncologists, laboratory scientists, epidemiologists, engineers and statisticians. The Botnar also hosts the Oxford Clinical Trials Research Unit (OCTRU) and the Centre of Statistics in Medicine (CSM), providing excellent statistical support to all aspects of clinical research.

The Botnar opened in 2002, with a large annex completed in 2013. The Botnar is now home to around 300 staff and postgraduate students enjoying the international and friendly atmosphere of this workplace and benefits from the vast knowledge of leading experts in the field of musculoskeletal research.

To accommodate its rapid growth, the Centre will open another wing in 2021. This will provide research space for the new Professor of Biomaterials. The new space will include 1000m² of office and 1000m² of laboratory space. The laboratory space includes a GMP clean room facility suitable for the manufacturing of biomaterials for human implantation.

Sharing the site of the Nuffield Orthopaedic Centre, the largest specialist academic musculoskeletal hospital in the UK, puts the Botnar in a unique position to foster the collaboration between basic scientists and clinicians, which is essential to success in medical research.

The **Kennedy Institute of Rheumatology** is world famous for its discovery of anti-TNF therapy for the treatment of chronic inflammatory diseases like rheumatoid arthritis, which has established the current standard of care and heralded the wider use of biologic drugs to treat chronic disease. The Institute carries out fundamental research in the areas of immunity and microbiome, inflammation biology and tissue remodelling and regeneration, with the long-term objective of 'translating' this research into clinical application. The major diseases of interest are rheumatoid arthritis, osteoarthritis, inflammatory bowel disease and cancer. The Institute provides space to house close to 200 researchers and support staff.



For more information please visit: <http://www.kennedy.ox.ac.uk>

Athena Swan

The [Athena SWAN Awards](#) specifically recognise success in developing employment practices to further and support the careers of women in science, technology, engineering, maths and medicine (STEMM) departments in academia. In May 2015 the charter was expanded to recognise work undertaken in arts, humanities, social sciences, business and law (AHSSBL), and in professional and support roles. Within NDORMS, we feel that we have an established culture of equality but are using the process to spur on-going improvement that benefits everyone involved in the Department. Our on-going progress was rewarded in May 2014 with an Athena Swan Bronze Award and in October 2015 with a Silver Award. Our development in this area has resulted in a number of commitments to our staff, central to which are:



- establishing an open, supportive and family-friendly research environment
- supporting career progression through teaching programmes, personal development reviews and mentoring
- proactive communication of support policies such as flexible working, provision of leave, promotion and career support schemes

NDORMS aims to actively promote the implementation of the University's **family-friendly policies** to help foster a family friendly working environment, including provision of family leave (such as policies for maternity, paternity, parental, carers and adoption leave), flexible/part-time working and scheduling inclusive meetings.

The University's **childcare services** support staff with a Childcare Voucher Scheme to help staff save tax and national insurance on childcare costs, offer information on nursery providers and a nursery fee Salary Sacrifice Scheme, work in partnership with playscheme providers to help support families during school holidays and signpost staff to parenting, local authority and other organisations that help support families and parents.

The Department is also committed to ensuring that staff undertaking **part-time or flexible working** receive the same access to benefits and entitlements as full-time staff, including the same opportunities for training and promotion, a pro-rata entitlement to leave including bank holidays and careful consideration of requests to work part-time (particularly for those by staff returning from maternity leave).

For more information please visit: <http://www.admin.ox.ac.uk/personnel/staffinfo/benefits/family/> and <http://www.admin.ox.ac.uk/personnel/during/flexible/>

We are also actively working to uphold the University's aim of providing an **inclusive environment and equal career opportunities** by promoting equality, valuing diversity and maintaining a working, learning and social environment in which the rights and dignity of all staff are respected. Separate University policies are also in place to ensure **race, disability and gender equality**.

For more information, please visit: <http://www.admin.ox.ac.uk/eop/>

Trauma and Emergency Care Group

We run a number of clinical trials in orthopaedic trauma and aim to inform best practice in the field, as well as the National Institute for Health and Care Excellence (NICE) guidelines. The Trauma and Emergency Care group is situated at the Kadoorie Critical Care Research Centre located at the John Radcliffe Hospital.

How to apply

Direct Appointment job description.

Important information for candidates

Data Privacy

Please note that any personal data submitted to the University as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation. For further information, please see the University's Privacy Notice for Job Applicants at: www.admin.ox.ac.uk/councilsec/compliance/gdpr/privacynotices/job/. The University's Policy on Data Protection is available at: www.admin.ox.ac.uk/councilsec/compliance/gdpr/universitypolicyondataprotection/.

The University's policy on retirement

The University operates an Employer Justified Retirement Age (EJRA) for all academic posts and some academic-related posts. The University has adopted an EJRA of 30 September before the 69th birthday for all academic and academic-related staff in posts at **grade 8 and above**. The justification for this is explained at: www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/.

For **existing** employees, any employment beyond the retirement age is subject to approval through the procedures: www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/.

There is no normal or fixed age at which staff in posts at **grades 1–7** have to retire. Staff at these grades may elect to retire in accordance with the rules of the applicable pension scheme, as may be amended from time to time.

Equality of Opportunity

Entry into employment with the University and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race, religion or belief, sex, or sexual orientation.

Benefits of working at the University

Employee benefits

University employees enjoy 38 days' paid holiday, generous pension schemes, travel discounts, and a variety of professional development opportunities. Our range of other employee benefits and discounts also includes free entry to the Botanic Gardens and University colleges, and discounts at University museums. See www.admin.ox.ac.uk/personnel/staffinfo/benefits.

University Club and sports facilities

Membership of the University Club is free for all University staff. The University Club offers social, sporting, and hospitality facilities. Staff can also use the University Sports Centre on Iffley Road at discounted rates, including a fitness centre, powerlifting room, and swimming pool. See www.club.ox.ac.uk and www.sport.ox.ac.uk/oxford-university-sports-facilities.

Information for staff new to Oxford

If you are relocating to Oxfordshire from overseas or elsewhere in the UK, the University's Welcome Service website includes practical information about settling in the area, including advice on relocation, accommodation, and local schools. See www.welcome.ox.ac.uk. There is also a visa loan scheme to cover the costs of UK visa applications for staff and their dependents. See www.admin.ox.ac.uk/personnel/permits/reimburse&loanscheme/.

Family-friendly benefits

With one of the most generous family leave schemes in the Higher Education sector, and a range of flexible working options, Oxford aims to be a family-friendly employer. We also subscribe to My Family Care, a service that provides practical advice and support for employees who have caring responsibilities. The service offers a free telephone advice line, and the ability to book emergency back-up care for children, adult dependents and elderly relatives. See www.admin.ox.ac.uk/personnel/staffinfo/benefits/family/mfc/.

Childcare

The University has excellent childcare services, including five University nurseries as well as University-supported places at many other private nurseries. For full details, including how to apply and the costs, see www.admin.ox.ac.uk/childcare/.

Disabled staff

We are committed to supporting members of staff with disabilities or long-term health conditions. For further details, including information about how to make contact, in confidence, with the University's Staff Disability Advisor, see www.admin.ox.ac.uk/eop/disab/staff.

Staff networks

The University has a number of staff networks including the Oxford Research Staff Society, BME staff network, LGBT+ staff network and a disabled staff network. You can find more information at www.admin.ox.ac.uk/eop/inpractice/networks/.

The University of Oxford Newcomers' Club

The University of Oxford Newcomers' Club is an organisation run by volunteers that aims to assist the partners of new staff settle into Oxford, and provides them with an opportunity to meet people and make connections in the local area. See www.newcomers.ox.ac.uk.