### Role profile

<table>
<thead>
<tr>
<th>Job title</th>
<th>Senior Research Fellow</th>
<th>Job family and level</th>
<th>Research and Teaching Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>School/Department</td>
<td>School of Medicine/</td>
<td>Location</td>
<td>Queen's Medical Centre</td>
</tr>
<tr>
<td></td>
<td>Academic Orthopaedics,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Trauma and Sports</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medicine</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Purpose of role

You will perform clinical research studies with the primary focus of investigating the most important measurable outcomes for children with broken bones.

You will conduct studies to systematically review previously measured treatment outcomes and identify the core current outcomes by a Delphi survey and consensus meeting.

You will conduct an observational cohort study of 300 children with lower limb fractures from three centres (Nottingham, Oxford and Liverpool) to test outcome measures. Children will be reviewed at 2 weeks, 6 weeks and 12 weeks following fractures and scores collated.

You will perform Clinimetric analysis on the data collected, write a manuscript for peer-review and offer the manuscript for publication in a peer reviewed journal.

### Main responsibilities

(Primary accountabilities and responsibilities expected to fulfil the role)

<table>
<thead>
<tr>
<th>% time per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
</tr>
</tbody>
</table>

#### Research Responsibilities:

- To take the lead on, plan, develop and conduct individual and/or collaborative research objectives, projects and proposals either as an individual or as part of a broader programme.
- Be responsible for resolving problems to meet research objectives and deadlines.
- To manage the application of a range of methodologies, approaches and techniques appropriate to the type of research personally being pursued. Where appropriate investigate and devise research methods and approaches.
- To acquire, analyse, interpret and evaluate research findings/data using approaches, techniques, models and methods selected or developed for the purpose.
- Be responsible for managing allocated research budgets and the use of research resources to ensure that effective use is made of them.
- Line management of research staff.
- Produce research output which will be considered to be excellent in Research Excellence Frameworks (REF).
### Engagement, Communication and Continuation Responsibilities:

- To contribute to the management and administrative functions as appropriate.
- To establish a national reputation and regularly disseminate and explain research findings through leading peer-reviewed national publications (on a sustained basis), conferences and other appropriate media.
- To build relationships and collaborations with internal and external contacts, nationally and if appropriate internationally to complete research projects and to advance the discipline.
- To generate income by developing and winning support for innovative research proposals and funding bids.

### Teaching:

- You are expected to make a contribution to teaching that is in balance with wider contributions to research and other activities.
- To supervise undergraduate and/or postgraduate students projects.

### Other:

- Any duties as required in accordance with the nature and grade of the post

### Person specification

<table>
<thead>
<tr>
<th>Skills</th>
<th>Essential</th>
<th>Desirable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Excellent oral and written communication skills, including the ability to communicate with clarity on complex and conceptual ideas to those with limited knowledge and understanding as well as to peers, using high level skills and a range of media.</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sufficient breadth or depth of specialist knowledge in the discipline to develop research programmes and methodologies.</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Ability to devise, advise on and manage research programmes.</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Ability to manage resources and an understanding of management processes.</strong></td>
<td></td>
</tr>
</tbody>
</table>
| Knowledge and experience | ▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity.  
▪ Ability to build relationships and collaborate with others, internally and externally.  
| Qualifications, certification and training (relevant to role) | ▪ Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods.  
▪ Extensive research experience within subject specialism.  
▪ Experience and achievement in chosen field, reflected in growing and consistent national reputation.  
▪ Demonstrable substantial contribution to high quality publications, considered to be within Research Excellence Frameworks (REF).  
▪ Extensive experience and demonstrated success in delivering research results.  
| ▪ PhD or equivalent in biomedical science | Higher education teaching qualification or evidence of engagement with the process.  
| Statutory, legal or special requirements | Enhanced DBS check  
| Other | Willingness to adopt the Ethos and Principles of the School of Medicine.  

▪ A growing international reputation in their field.  
▪ Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events.  
▪ Track record in gaining support for significant externally funded research and consultancy projects e.g. with industry, commerce, public bodies.  
▪ Experience of supervising junior colleagues.
The University of Nottingham is focused on embedding equality, diversity and inclusion in all that we do. As part of this, we welcome a diverse population to join our work force and therefore encourage applicants from all communities, particularly those with protected characteristics under the Equality Act 2010.

The School of Medicine holds a Silver Athena SWAN award in recognition of our achievements in promoting and advancing these principles. Please see http://www.nottingham.ac.uk/medicine/about/athena-swan.aspx
Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University’s strategy, vision and values. The following are essential to the role:

Valuing people
Understands that it is essential to provide a structure that people can thrive in. Knows how to communicate with people to create a healthy working environment and get the best out of people.

Taking ownership
Communicates vision clearly, providing direction and focus. Knows how to create a productive environment where people are inspired and can work cross-departmentally in partnership.

Forward thinking
Has the ambition to be a pioneer in own area, anticipating the future change, needs and challenges. Knows how to innovate within their work context and champions others to be inspired to be part of this ambition.

Professional pride
Keeps up to date on latest thinking, trends and work practices. Supports team to be thought leaders; willing to challenge if obstacles get in the way.

Always inclusive
Establishes far reaching partnerships, well beyond own area across a broad range of networks. Understand role to pay due regard to the needs of the whole community.

Key relationships with others

- **Line manager**: Clinical Associate Professor (Trauma)
- **Role holder**: Senior Research Fellow
- **Key stakeholder relationships**: Colleagues, Students