ROLE PROFILE

Job Title: Senior Research Fellow
School/Department: School of Medicine, Division of Clinical Neuroscience
Job Family and Level: Research and Teaching Level 5
Contract Status: Fixed-term for a period of 36 months
Hours of Work: Full-time (36.25 hours per week) however applications are also welcome from candidates wishing to work part-time (minimum 29 hours per week). Please specify in your application if you wish to work part time and the number of preferred hours
Location: Queen's Medical Centre, Nottingham
Reporting to: Professor of Neuroimaging

Purpose of the Role:
The purpose of this role will be to lead and deliver individual and collaborative research in the area of experimental pain medicine using advanced neuroimaging, and make a contribution to the direction of research programmes in the School of Medicine, especially within the NIHR Nottingham BRC.

The primary focus is to plan, design and undertake mechanistic imaging studies in osteoarthritis pain aimed to enhance our understanding of the central drivers of pain chronification, and to develop innovative stratified treatment protocols. Secondly, the post-holder is expected to contribute and support other brain imaging studies undertaken by the BRC’s MSK theme, including the on-going neuroimaging study to assess the mechanisms of exercise-induced falls reduction in elderly subjects with mild cognitive impairment.

The role holder will have the opportunity to influence the design of the main study, and use their initiative and creativity to identify additional areas for research, develop research methods and extend their research portfolio. Application for prestigious external fellowships is strongly encouraged.

You will join an established team of interdisciplinary researchers working together with clinical and non-clinical researchers within two of the BRC’s main themes: MSK, led by Prof John Gladman, and cross-cutting MRI, led by Prof Dorothee Auer, the Versus Arthritis Pain Centre, led by Prof David Walsh, and the Sir Peter Mansfield Imaging Centre, led by Prof Richard Bowtell.

You will be responsible for generating new intellectual understanding/knowledge through the application of knowledge and for developing ideas for application of research outcomes.

You will sustain and pursue a research plan in translation human pain research, and will develop new concepts and ideas. Where appropriate, you will develop and win support for innovative research development proposals and funding bids.

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<th>Main Responsibilities</th>
<th>% time per year</th>
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<td>1. Research Responsibilities:</td>
<td>60%</td>
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<td>- 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.</td>
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- 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).
- Safe conduct of clinical mechanistic trial and coordination of trial team.

2. **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.

3. **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.

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<th>Knowledge, Skills, Qualifications &amp; Experience</th>
<th>Essential</th>
<th>Desirable</th>
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<td>Qualifications/Education</td>
<td>PhD or equivalent in neuroscience or neuroimaging, Good Clinical Practice training</td>
<td>PhD in pain research, Higher education teaching qualification or evidence of engagement with the process</td>
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<td>Skills/Training</td>
<td>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</td>
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<td>Sufficient breadth or depth of specialist knowledge in the discipline to develop research programmes and methodologies</td>
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<td>Ability to devise, advise on and manage research programmes</td>
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<td>Ability to manage resources and an understanding of management processes</td>
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<td>High level analytical capability to facilitate conceptual thinking, innovation and creativity</td>
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<td>Ability to build relationships and collaborate with others, internally and externally</td>
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<td>Experience</td>
<td>Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods, Extensive research experience within subject specialism</td>
<td>A growing international reputation in their field, Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or</td>
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- 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
- 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

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<th>Statutory/Legal</th>
<th>Satisfactory Enhanced disclosure obtained from the Disclosure and Barring Service</th>
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<td>Other</td>
<td>Willingness to adopt the Ethos and Principles of the School of Medicine</td>
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**Additional Information**

Experience with using neuroimaging for experimental medicine trials in patients is expected.

Because of the nature of the work for which you are applying, this post is exempted from the provisions of Section 4 (2) of the Rehabilitation of Offenders Act 1974 by virtue of the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975.

Candidates are therefore, not entitled to withhold information about convictions, which for other purposes are “spent” under the provisions of the Act, and in the event of employment any failure to disclose such convictions could result in dismissal or disciplinary action by the University. Any information given will be strictly confidential and will be considered only in relation to an application for positions to which the Order applies.

The University of Nottingham strongly endorses Athena SWAN principles, with commitment from all levels of the organisation in furthering women’s careers. It is our mission to ensure equal opportunity, best working practices and fair policies for all.

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