JOB DESCRIPTION
Research Associate in Medical Machine Learning
Vacancy Ref: A2222

<table>
<thead>
<tr>
<th>Job Title: Research Associate in Medical Machine Learning</th>
<th>Present Grade: 6</th>
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<tr>
<td>Department/College: Lancaster Medical School</td>
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<td>Directly responsible to: Dr Frank Dondelinger</td>
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<td>Supervisory responsibility for: Assisting with the supervision of MSc students as appropriate.</td>
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Other contacts

**Internal:** Students, academic and non-academic staff within the University.

**External:** Project partners: researchers at Sheffield Institute for Translational Neuroscience (Sheffield, UK), German Centre for Neurodegenerative Diseases (Bonn, Germany) and Luxembourg Centre for Systems Biomedicine (Esch-Belval, Luxembourg).

Major Duties:

To conduct computational machine learning research, write publications and present at conferences. In particular, the job will involve:

- Contributing to statistical model development for prediction modelling in neurodegenerative diseases.
- Interacting remotely with clinical and medical science experts on neurodegenerative diseases at the partner institutions.
- Travelling to the partner institutions for in-person meetings (1-2 time a year).
- To publish in leading journals, and contribute to publications in these journals jointly with the line manager and the project partners.
- To provide regular progress reports to the line manager.
- To attend meetings, workshops and conferences in the UK and abroad, presenting research results and networking.
- To undertake any other duties as may be requested by the principal investigator, provided that these are appropriate to the grade of the post.